



**PROYECTO: CUENCA DEL RIO
SONORA; DERRAME DE LA
MINA BUENAVISTA DEL
COBRE, CANANEA, SONORA**

TOMO III

VEGETALES: FRUTAS



INDICE GENERAL VEGETALES

1. Frutas -----

- Cítricos
- Frutas
- Granadas
- Varios: Calabaza/Naranja/Higo/
Pera/Nopal/Sandia

CONTENIDO

CÍTRICOS

- 1.1 Informes de resultados de prueba**
- 1.2 Curva de calibración**
- 1.3 Evaluación de muestras de control de calidad**
- 1.4 Datos crudos de lote analítico**



GRUPO INTEGRAL DE SERVICIOS FITOSANITARIOS ENA S.A. DE C.V.
 EMILIANO ZAPATA No. 10, SAN LUIS HUEXOTLA, TEXCOCO EDO. DE MEXICO,
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INFORME DE RESULTADOS DE PRUEBA

DATOS DE LA MUESTRA

Matriz: CÍTRICOS
Fecha de Recepción: 2015-11-05

INTERESADO

Nombre : Laboratorio Nacional de las Ciencias de la Sostenibilidad; Instituto de Ecología-UNAM
Dirección: Av. Universidad No. 3000, Col. UNAM, CU, Del. Coyoacán, Distrito Federal, CP 04510

DATOS DEL ANÁLISIS

Método: Determinación de metales y metaloides en agua y alimentos por Espectrometría de Emisión de Plasma de Acoplamiento Inductivo (ICP-OES)
Referencia: EPA 6010C-2007
Resultados: Ver hoja excell2015/11/05 (1)
Fecha de Analisis Metales y Mercurio: 2015-11-24 2015-12-28
Fecha de Realización del Informe: 2015-12-29

IDENTIFICACIÓN CLIENTE

CLAVE DE IDENTIFICACIÓN

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L-I008/15/0072	GISC15-21716
L-I008/15/0073	GISC15-21717
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L-I011/15/0103	GISC15-21744
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L-I011/15/0105	GISC15-21746
L-I011/15/0106	GISC15-21747
L-I011/15/0107	GISC15-21748



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IDENTIFICACIÓN CLIENTE

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IDENTIFICACIÓN CLIENTE

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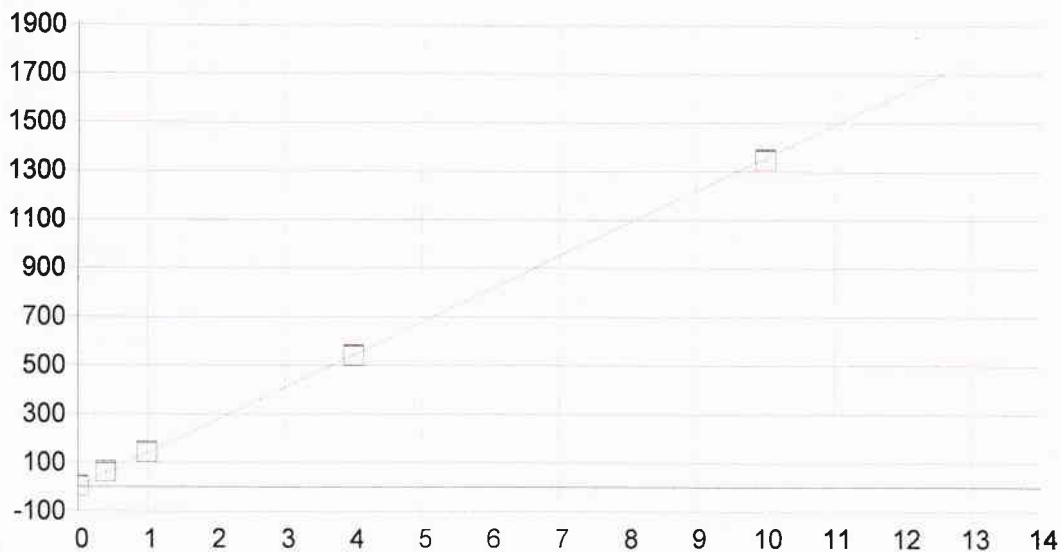
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REVISÓ

Q.F.B.Leticia Velázquez Méndez

Gerente Técnico

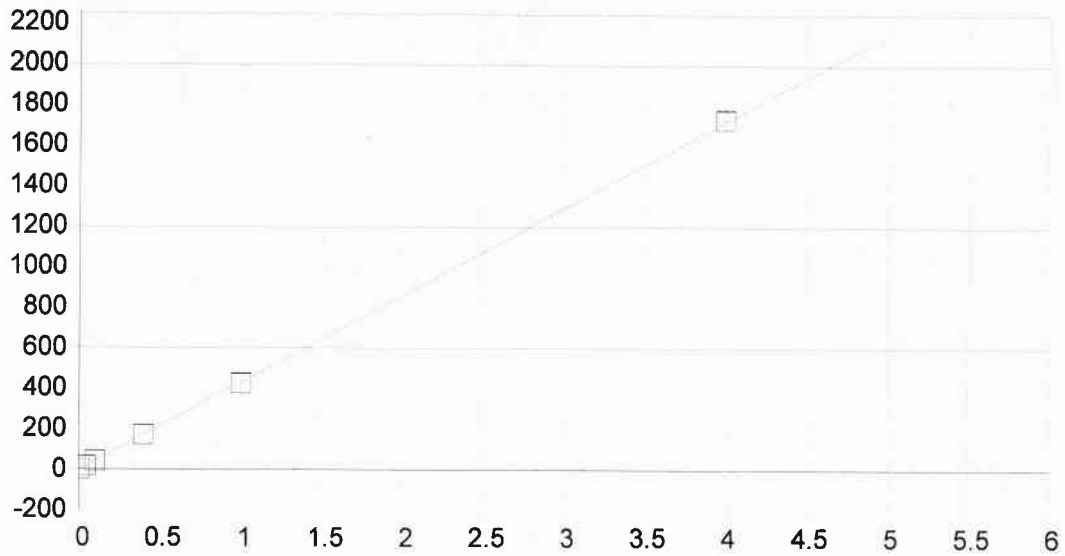


AI 308.215 {109}

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 A1 (Ganancia) 135.398036 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999815 Estatus: OK.
 Error Estándar de Est: 0.263870
 MDL: 0.030979
 MQL: 0.103263

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STD 6	1.0000	1.0343	.034	3.43	142.49	4.11	1
STD 7	4.0000	3.9841	-.016	-.397	541.88	2.70	1
STD 8	10.000	9.9410	-.059	-.590	1348.4	3.90	1

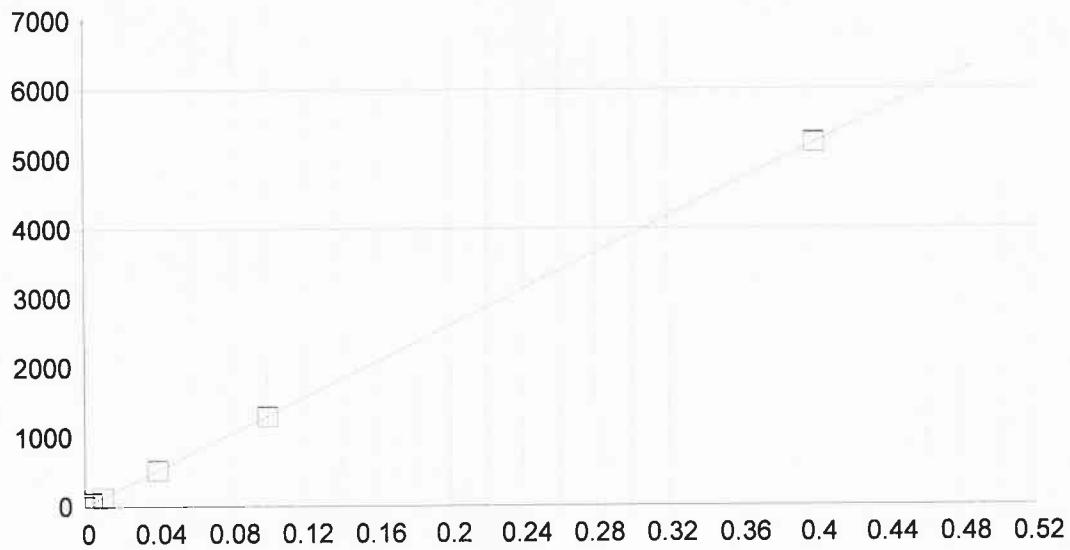


As 189.042 {478}

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 n (Exponente): 1.000000
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 MQL: 0.005687

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STD 5	.40000	.39552	-.004	-1.12	169.11	.708	1
STD 6	1.0000	.98718	-.013	-1.28	424.04	1.96	1
STD 7	4.0000	4.0182	.018	.454	1730.0	2.89	1
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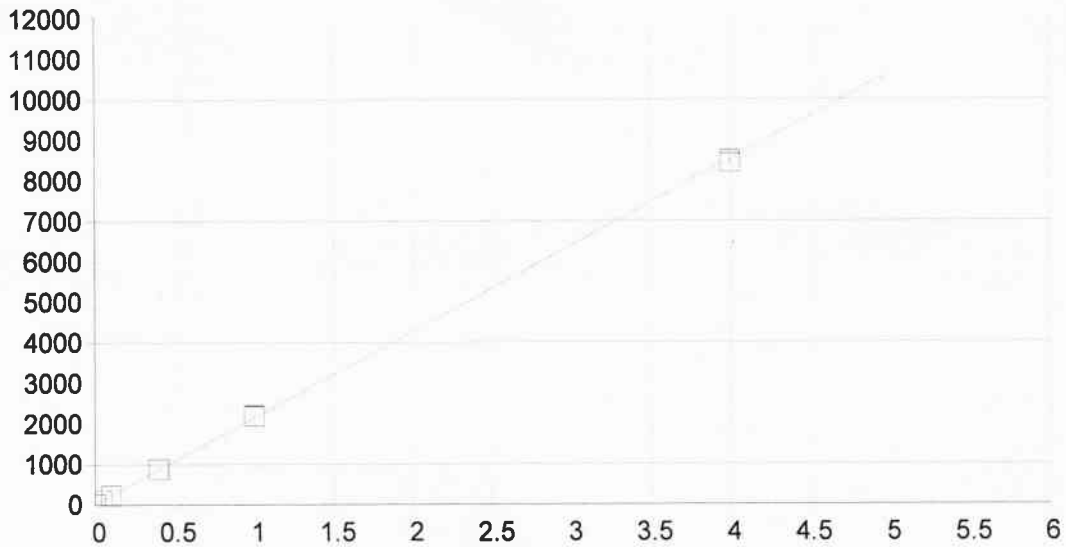


Cd 226.502 {449}

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 A1 (Ganancia) 13032.65287 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
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 Error Estándar de Est: 0.083700
 MDL: 0.000092
 MQL: 0.000307

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STD 3	.04000	.03995	-.000	-.133	522.23	2.54	1
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STD 5	.40000	.40077	.001	.193	5224.8	5.70	1

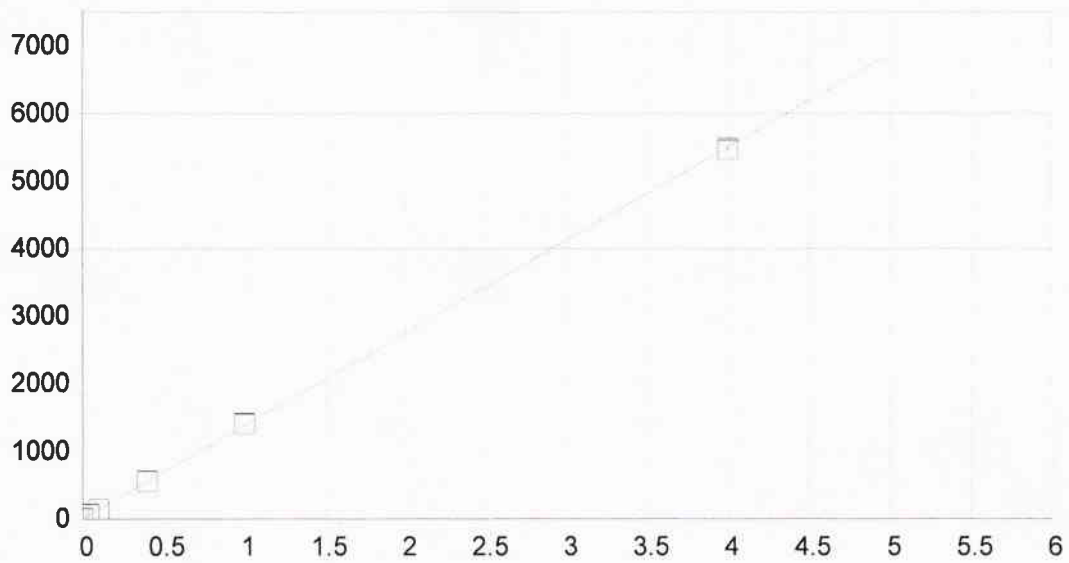


Cu 324.754 {104}

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 MDL: 0.001886
 MQL: 0.006285

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STD 6	1.0000	1.0244	.024	2.44	2195.4	10.7	1
STD 7	4.0000	3.9689	-.031	-.777	8456.2	46.1	1
STD 3	.04000	.04178	.002	4.46	106.12	1.51	1
STD 4	.10000	.10013	.000	.134	230.18	1.27	1

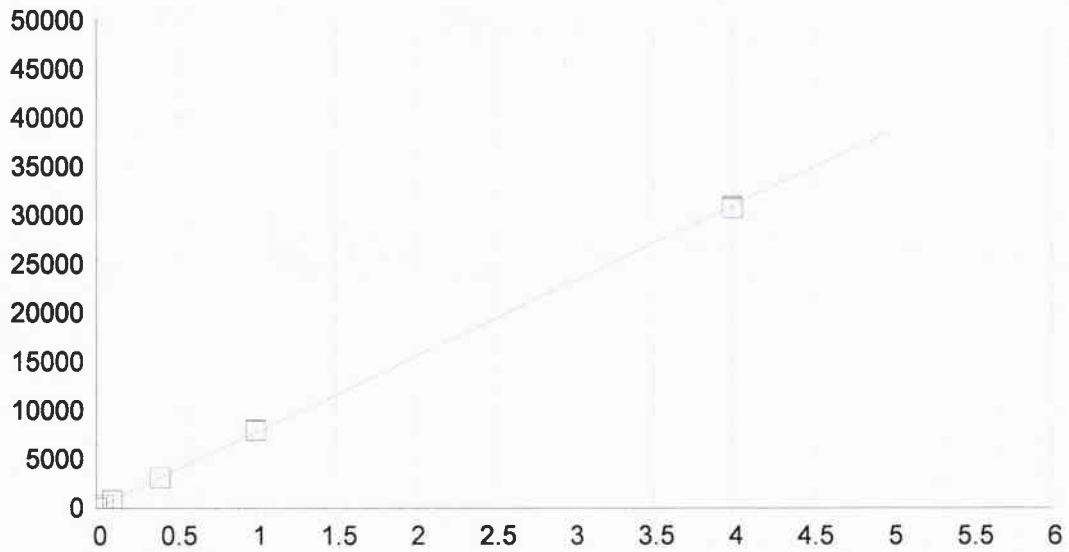


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 A2 (Curvatura): 0.000000
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 Error Estándar de Est: 0.349265
 MDL: 0.001462
 MQL: 0.004873

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STD 3	.04000	.04464	.005	11.6	68.070	2.31	1
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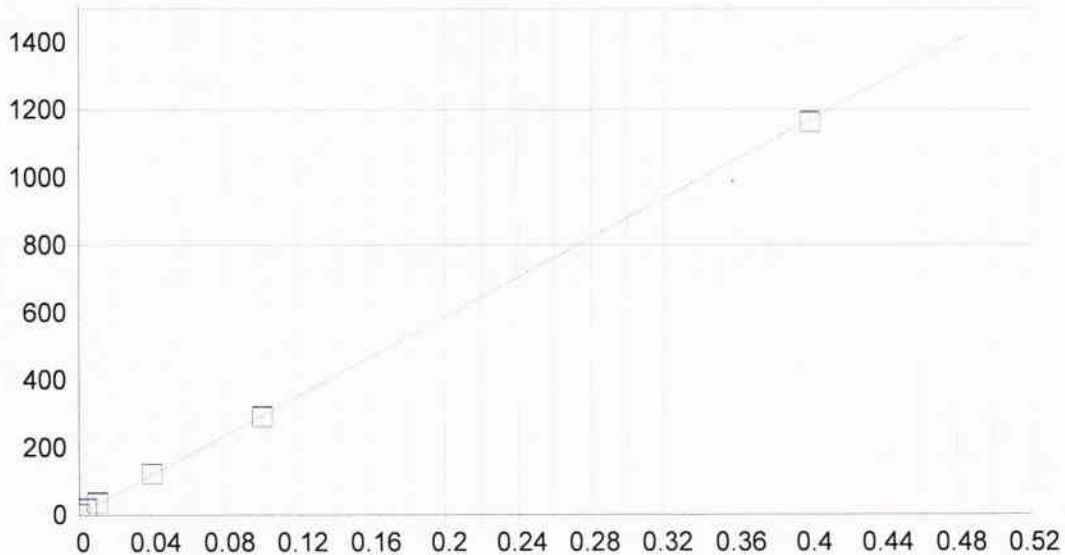


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 n (Exponente): 1.000000
 Correlación: 0.999919 Estatus: OK.
 Error Estándar de Est: 1.808672
 MDL: 0.000282
 MQL: 0.000941

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	3.4917	.188	1
STD 5	.40000	.40227	.002	.566	3133.2	7.75	1
STD 6	1.0000	1.0261	.026	2.61	7986.5	14.4	1
STD 3	.04000	.04053	.001	1.32	318.83	1.72	1
STD 4	.10000	.09931	-.001	-.691	776.15	.941	1
STD 7	4.0000	3.9718	-.028	-.704	30905.	122.	1

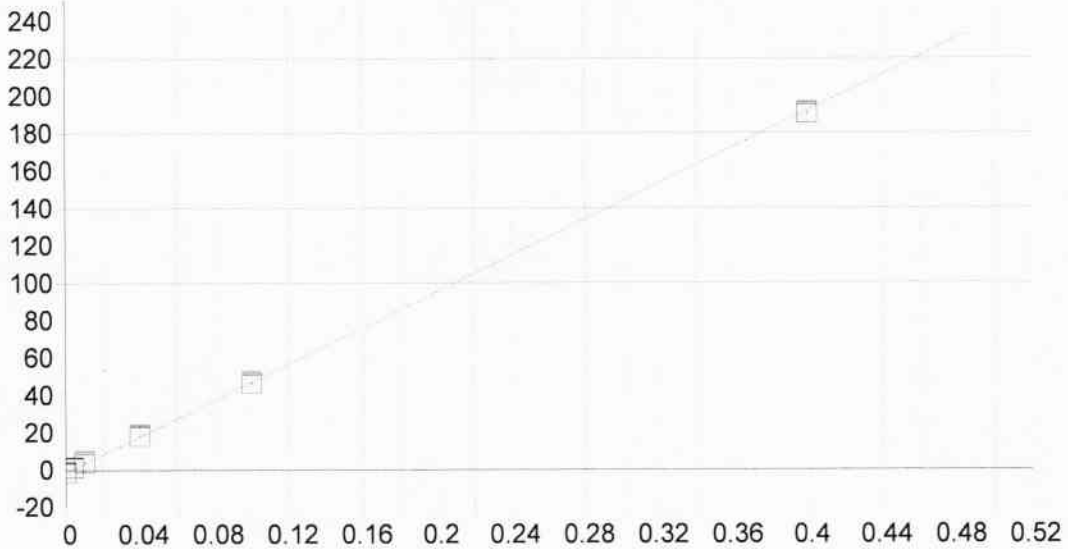


Ni 231.604 {446}

Fecha de la 24/11/2015 11:11:03 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 2.601470 Reajustar P 1.000000
 A1 (Ganancia) 2920.464736 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999374 Estatus: OK.
 Error Estándar de Est: 0.188307
 MDL: 0.000369
 MQL: 0.001230

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	2.5959	.259	1
STD 1	.00400	.00533	.001	33.2	18.160	1.82	1
STD 2	.01000	.01144	.001	14.4	36.026	1.75	1
STD 3	.04000	.04079	.001	1.98	121.73	.510	1
STD 4	.10000	.09883	-.001	-1.17	291.23	1.22	1
STD 5	.40000	.39761	-.002	-.599	1163.8	2.27	1

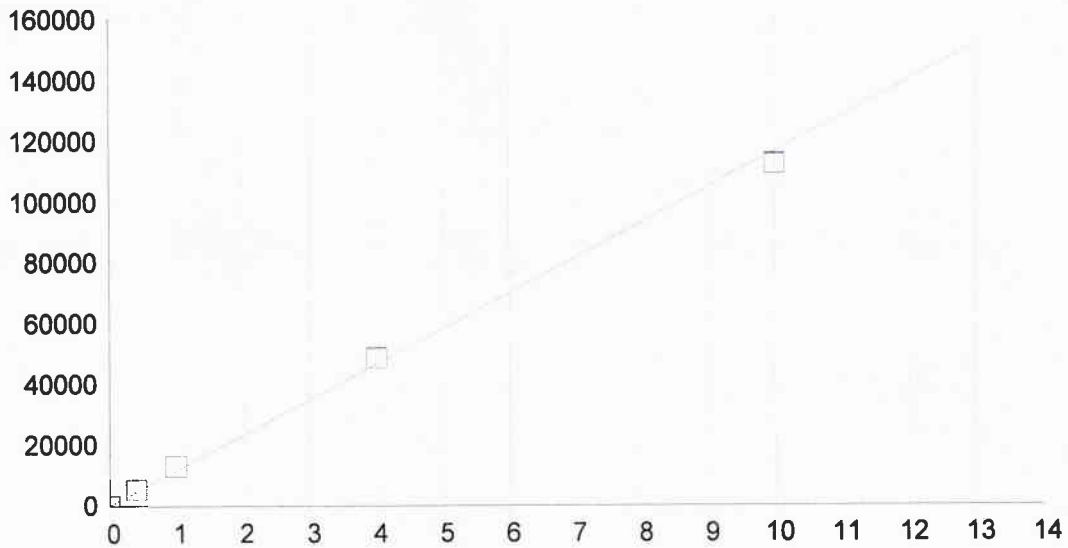


Pb 220.353 {453}

Fecha de la 24/11/2015 11:11:03 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.455941 Reajustar P 1.000000
 A1 (Ganancia) 483.563968 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999199 Estatus: OK.
 Error Estándar de Est: 0.035270
 MDL: 0.002337
 MQL: 0.007789

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-1.4570	.390	1
STD 1	.00400	.00558	.002	39.5	1.2423	.186	1
STD 2	.01000	.01143	.001	14.3	4.0698	.830	1
STD 3	.04000	.04103	.001	2.57	18.383	.685	1
STD 4	.10000	.09902	-.001	-.984	46.424	.902	1
STD 5	.40000	.39695	-.003	-.762	190.50	.802	1



Zn 213.856 {458}

Fecha de la 24/11/2015 11:17:35 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 35.848729 Reajustar P 1.000000
 A1 (Ganancia) 11672.72018 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998652 Estatus: OK.
 Error Estándar de Est: 61.409047
 MDL: 0.000084
 MQL: 0.000280

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00010	-.000	.000	34.640	.957	1
STD 5	.40000	.45121	.051	12.8	5302.7	20.7	1
STD 6	1.0000	1.1215	.121	12.1	13127.	8.56	1
STD 7	4.0000	4.1781	.178	4.45	48806.	94.5	1
STD 8	10.000	9.6492	-.351	-3.51	112670.	191.	1



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-CITRICOS-151124**
 Fecha de Análisis: **24/11/2015**
 Fecha de Reporte: **24/11/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000								10.000	
NIVEL 9										
Correlación	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999	0.9994	0.9992	0.9986	0.9996

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	34.2300	86	8	Recuperación	Mercurio	0.5	0.4752	95
		Arsénico	40.0000	37.0600	93	20	Estandar de Chequeo 1	Mercurio	0.5	0.4507	90
		Cadmio	40.0000	38.0000	95						
		Cobre	40.0000	37.5500	94						
		Fierro	40.0000	35.6400	89						
		Manganeso	40.0000	38.0500	95						
		Níquel	40.0000	37.2200	93						
		Plomo	40.0000	36.6900	92						
		Zinc	40.0000	43.5700	109						
24	Estandar de Chequeo	Aluminio	40.0000	35.5600	89						
		Arsénico	40.0000	36.4400	91						
		Cadmio	40.0000	38.3700	96						
		Cobre	40.0000	40.6900	102						
		Fierro	40.0000	44.6100	112						
		Manganeso	40.0000	42.8300	107						
		Níquel	40.0000	37.3600	93						
		Plomo	40.0000	31.8200	80						
		Zinc	40.0000	48.0000	120						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

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REVISÓ

PACE/GIS/I02-F01



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-CITRICOS-151125**
 Fecha de Análisis: **25/11/2015**
 Fecha de Reporte: **25/11/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000								10.000	
NIVEL 9										
Correlación	0.9997	0.9998	0.9999	0.9997	0.9999	0.9998	0.9996	0.9988	0.9986	0.9985

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No.1	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No.1	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	34.4100	86	47	Estandar de Chequeo	Aluminio	40.0000	36.8100	92
		Arsénico	40.0000	44.9800	112			Arsénico	40.0000	45.5000	114
		Cadmio	40.0000	40.0300	100			Cadmio	40.0000	39.2600	98
		Cobre	40.0000	37.0400	93			Cobre	40.0000	37.6700	94
		Fierro	40.0000	37.2600	93			Fierro	40.0000	38.6600	97
		Manganeso	40.0000	38.0700	95			Manganeso	40.0000	38.1900	95
		Níquel	40.0000	38.6500	97			Níquel	40.0000	37.9600	95
		Plomo	40.0000	34.4400	86			Plomo	40.0000	32.6200	82
		Zinc	40.0000	46.8600	117			Zinc	40.0000	47.0200	118
24	Estandar de Chequeo	Aluminio	40.0000	36.3800	91	58	Estandar de Chequeo	Aluminio	40.0000	35.7500	89
		Arsénico	40.0000	45.8700	115			Arsénico	40.0000	45.8600	115
		Cadmio	40.0000	40.1200	100			Cadmio	40.0000	39.1200	98
		Cobre	40.0000	38.2200	96			Cobre	40.0000	37.4400	94
		Fierro	40.0000	38.5300	96			Fierro	40.0000	38.8100	97
		Manganeso	40.0000	38.8900	97			Manganeso	40.0000	38.0000	95
		Níquel	40.0000	38.8500	97			Níquel	40.0000	37.7200	94
		Plomo	40.0000	34.0300	85			Plomo	40.0000	32.1000	80
		Zinc	40.0000	47.5600	119			Zinc	40.0000	47.0500	118
35	Estandar de Chequeo	Aluminio	40.0000	36.7800	92	70.1	Estandar de Chequeo	Aluminio	40.0000	42.6300	107
		Arsénico	40.0000	45.7900	114			Arsénico	40.0000	41.2200	103
		Cadmio	40.0000	39.6300	99			Cadmio	40.0000	41.1600	103
		Cobre	40.0000	37.9800	95			Cobre	40.0000	42.7200	107
		Fierro	40.0000	38.8700	97			Fierro	40.0000	43.1000	108
		Manganeso	40.0000	38.4700	96			Manganeso	40.0000	42.6800	107
		Níquel	40.0000	38.2900	96			Níquel	40.0000	41.2600	103
		Plomo	40.0000	33.3200	83			Plomo	40.0000	41.1500	103
		Zinc	40.0000	47.1400	118			Zinc	40.0000	42.3100	106




Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-CITRICOS-151125**
 Fecha de Análisis: **25/11/2015**
 Fecha de Reporte: **25/11/2015**


EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
81.1	Estandar de Chequeo	Aluminio	40.0000	42.4300	106	8	Recuperación	Mercurio	0.5	0.4815	96
		Arsénico	40.0000	44.1100	110	20	Estandar de Chequeo	Mercurio	0.5	0.4953	99
		Cadmio	40.0000	43.8400	110						
		Cobre	40.0000	44.8300	112	31	Estandar de Chequeo	Mercurio	0.5	0.4909	98
		Fierro	40.0000	46.4300	116						
		Manganeso	40.0000	45.3400	113	43	Estandar de Chequeo	Mercurio	0.5	0.4810	96
		Níquel	40.0000	43.8500	110						
		Plomo	40.0000	43.8100	110						
Zinc	40.0000	44.8500	112								
93.1	Estandar de Chequeo	Aluminio	40.0000	41.3000	103						
		Arsénico	40.0000	42.9400	107						
		Cadmio	40.0000	43.2200	108						
		Cobre	40.0000	41.2300	103						
		Fierro	40.0000	44.1900	110						
		Manganeso	40.0000	42.8400	107						
		Níquel	40.0000	43.0700	108						
		Plomo	40.0000	43.1800	108						
Zinc	40.0000	43.4300	109								
104.1	Estandar de Chequeo	Aluminio	40.0000	39.6800	99						
		Arsénico	40.0000	40.8500	102						
		Cadmio	40.0000	40.6500	102						
		Cobre	40.0000	39.9400	100						
		Fierro	40.0000	42.8600	107						
		Manganeso	40.0000	41.1900	103						
		Níquel	40.0000	40.5400	101						
		Plomo	40.0000	40.7300	102						
Zinc	40.0000	41.1700	103								

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)


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PACE/GIS/I02-F01



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-CITRICOS-151126**
 Fecha de Análisis: **26/11/2015**
 Fecha de Reporte: **26/11/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000								10.000	
NIVEL 9										
Correlación	0.9999	0.9997	0.9996	0.9997	0.9999	0.9999	0.9989	0.9994	0.9987	0.9997

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	34.6800	87	8	Recuperación	Mercurio	0.5	0.4637	93
		Arsénico	40.0000	44.3900	111	20	Estandar de chequeo	Mercurio	0.5	0.5258	105
		Cadmio	40.0000	40.0900	100						
		Cobre	40.0000	38.6100	97	31	Estandar de chequeo	Mercurio	0.5	0.5581	112
		Fierro	40.0000	38.0800	95						
		Manganeso	40.0000	39.5500	99	43	Estandar de chequeo	Mercurio	0.5	0.5588	112
		Níquel	40.0000	38.9700	97						
		Plomo	40.0000	34.3600	86	57	Estandar de chequeo	Mercurio	0.5	0.5598	112
Zinc	40.0000	47.4900	119								
24	Recuperación	Aluminio	40.0000	33.3000	83						
		Arsénico	40.0000	43.7600	109						
		Cadmio	40.0000	38.9700	97						
		Cobre	40.0000	38.0800	95						
		Fierro	40.0000	37.8400	95						
		Manganeso	40.0000	38.7100	97						
		Níquel	40.0000	37.8000	95						
		Plomo	40.0000	33.1600	83						
Zinc	40.0000	46.7500	117								

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

I.B.I. Gaudencio Vargas Espejel

ELABORÓ

Q.F.B. Leticia Velázquez Méndez

REVISÓ

PACE/GIS/I02-F01



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-CITRICOS-151127**
 Fecha de Análisis: **27/11/2015**
 Fecha de Reporte: **27/11/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000								10.000	
NIVEL 9										
Correlación	0.9998	0.9998	0.9995	0.9998	0.9999	0.9999	0.9980	0.9999	0.9990	0.9995

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	38.0900	95	35	Estandar de chequeo	Aluminio	40.0000	36.4400	91
		Arsénico	40.0000	42.7600	107			Arsénico	40.0000	42.6700	107
		Cadmio	40.0000	40.1800	100			Cadmio	40.0000	39.5800	99
		Cobre	40.0000	39.2400	98			Cobre	40.0000	38.4100	96
		Fierro	40.0000	41.7400	104			Fierro	40.0000	41.6600	104
		Manganeso	40.0000	39.4800	99			Manganeso	40.0000	38.9500	97
		Níquel	40.0000	39.0400	98			Níquel	40.0000	38.3900	96
		Plomo	40.0000	35.5800	89			Plomo	40.0000	34.3300	86
		Zinc	40.0000	47.6100	119			Zinc	40.0000	47.4000	119
24	Estandar de chequeo	Aluminio	40.0000	37.8100	95	4	Recuperacion1	Mercurio	0.5000	0.4140	83
		Arsénico	40.0000	42.6700	107						
		Cadmio	40.0000	39.9200	100						
		Cobre	40.0000	38.6600	97						
		Fierro	40.0000	41.5500	104						
		Manganeso	40.0000	39.0900	98						
		Níquel	40.0000	38.6400	97						
		Plomo	40.0000	34.9100	87						
		Zinc	40.0000	47.5100	119						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)



Análisis:
Lote analítico:
Fecha de Análisis:
Fecha de Reporte:

METALES PESADOS POR ICP-OES
DMP-CITRICOS-151127
27/11/2015
27/11/2015

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/L		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
2	QC:QC	Mercurio	0.0050	0.0052	104						
5	QC:QC	Mercurio	0.0050	0.0053	106						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

I.B.I. Gaudencio Vargas Espejel

ELABORÓ

PACE/GIS/I02-F01

Q.F.B. Leticia Velázquez Méndez

REVISÓ



Análisis:

METALES PESADOS POR ICP-OES

Lote analítico:

DMP-CITRICOS-151129

Fecha de Análisis:

29/11/2015

Fecha de Reporte:

29/11/2015

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000									
NIVEL 9										
Correlación	0.9999	0.9965	0.9992	0.9968	0.9998	0.9968	0.9982	0.9982	0.9978	0.9997

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No.1	Identificación	Analito	Concentración mg/l		% Recobro ²	No.1	Identificación	Analito	Concentración mg/l		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
15	QC:QC	Aluminio	0.400	0.4011	100	49	QC:QC	Aluminio	0.400	0.4209	105
		Arsénico	0.400	0.3975	99			Arsénico	0.400	0.4075	102
		Cadmio	0.400	0.4007	100			Cadmio	0.400	0.4186	105
		Cobre	0.400	0.4056	101			Cobre	0.400	0.4193	105
		Fierro	0.400	0.4027	101			Fierro	0.400	0.4217	105
		Manganeso	0.400	0.4039	101			Manganeso	0.400	0.4202	105
		Níquel	0.400	0.4016	100			Níquel	0.400	0.4183	105
		Plomo	0.400	0.3985	100			Plomo	0.400	0.4178	104
		Zinc	0.400	0.4013	100			Zinc	0.400	0.4236	106
26	QC:QC	Aluminio	0.400	0.4131	103	6	QC:QC	Mercurio	0.005	0.0054	108
		Arsénico	0.400	0.3998	100	21	QC:QC	Mercurio	0.005	0.0054	108
		Cadmio	0.400	0.4016	100	32	QC:QC	Mercurio	0.005	0.0055	110
		Cobre	0.400	0.4043	101	44	QC:QC	Mercurio	0.005	0.0043	86
		Fierro	0.400	0.4076	102	55	QC:QC	Mercurio	0.005	0.0055	110
		Manganeso	0.400	0.4038	101	67	QC:QC	Mercurio	0.005	0.0053	106
		Níquel	0.400	0.4008	100	78	QC:QC	Mercurio	0.005	0.0059	118
		Plomo	0.400	0.4005	100	90	QC:QC	Mercurio	0.005	0.0058	116
		Zinc	0.400	0.4066	102	102	QC:QC	Mercurio	0.005	0.0058	116
37	QC:QC	Aluminio	0.400	0.4075	102	109	QC:QC	Mercurio	0.005	0.0053	106
		Arsénico	0.400	0.4005	100						
		Cadmio	0.400	0.4023	101						
		Cobre	0.400	0.4041	101						
		Fierro	0.400	0.4099	102						
		Manganeso	0.400	0.4024	101						
		Níquel	0.400	0.4031	101						
		Plomo	0.400	0.4000	100						
Zinc	0.400	0.4120	103								



Análisis:
 Lote analítico:
 Fecha de Análisis:
 Fecha de Reporte:

METALES PESADOS POR ICP-OES
 DMP-CITRICOS-151129
 29/11/2015
 29/11/2015

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
2	Recuperación	Aluminio	40.0000	43.0600	108						
		Arsénico	40.0000	40.6800	102						
		Cadmio	40.0000	41.3400	103						
		Cobre	40.0000	41.3200	103						
		Fierro	40.0000	41.5200	104						
		Manganeso	40.0000	41.3000	103						
		Niquel	40.0000	41.4000	104						
		Plomo	40.0000	41.0200	103						
		Zinc	40.0000	41.3000	103						
9	Recuperación	Mercurio	0.5	0.4403	88						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

I.B.I. Gaudencio Vargas Espejel

ELABORÓ

Q.F.B. Leticia Velázquez Méndez

REVISÓ

PACE/GIS/102-F01



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-CITRICOS-151229**
 Fecha de Análisis: **29/12/2015**
 Fecha de Reporte: **29/12/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000									
NIVEL 9										
Correlación	0.9996	0.9999	0.9996	0.9992	0.9994	0.9996	0.9997	0.9986	0.9995	

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/L		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
1	QC:QC	Aluminio	0.4000	0.4552	114	3	Recuperación	Aluminio	40.0000	45.6800	114
		Arsénico	0.4000	0.4332	108			Arsénico	40.0000	44.7400	112
		Cadmio	0.4000	0.4077	102			Cadmio	40.0000	41.0000	103
		Cobre	0.4000	0.4416	110			Cobre	40.0000	44.3600	111
		Hierro	0.4000	0.4585	115			Hierro	40.0000	46.5700	116
		Manganeso	0.4000	0.4404	110			Manganeso	40.0000	44.5100	111
		Níquel	0.4000	0.4043	101			Níquel	40.0000	40.5100	101
		Plomo	0.4000	0.4119	103			Plomo	40.0000	41.4500	104
		Zinc	0.4000	0.4616	115			Zinc	40.0000	47.1900	118
6	QC:PatrónQC	Mercurio	0.005	0.0052	104	8	Recuperación	Mercurio	0.5	0.5067	101

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

I.B.I. Gaudencio Vargas Espejel

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REVISÓ

PACE/GIS/I02-F01



Residuos Tóxicos..

Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora de Impresión: 2015/11/23 01:05 p.m.
Peso de muestra (g)

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>	<u>Hg</u>
GISC15-21715	Citricos		05/11/2015	metales 0.5132	0.5133
GISC15-21716	Citricos		05/11/2015	0.5033	0.5031
GISC15-21717	Citricos		05/11/2015	0.5110	0.5102
GISC15-21719	Citricos		05/11/2015	0.5101	0.5100
GISC15-21720	Citricos		05/11/2015	0.5107	0.5002
GISC15-21721	Citricos		05/11/2015	0.5120	0.5101
GISC15-21731	Citricos		05/11/2015	0.5001	0.4999
GISC15-21732	Citricos		05/11/2015	0.5012	0.5016
GISC15-21734	Citricos		05/11/2015	0.5012	0.5008
GISC15-21735	Citricos		05/11/2015	0.5118	0.5005
GISC15-21736	Citricos		05/11/2015	0.4997	0.5001
GISC15-21740	Citricos		05/11/2015	0.5002	0.4998
GISC15-21741	Citricos		05/11/2015	0.5108	0.5100
GISC15-21742	Citricos		05/11/2015	0.5123	0.5131
GISC15-21743	Citricos		05/11/2015	0.5034	0.5123
GISC15-21744	Citricos		05/11/2015	0.5019	0.5016
GISC15-21745	Citricos		05/11/2015	0.5046	0.5023
GISC15-21746	Citricos		05/11/2015	0.5021	0.5012
GISC15-21747	Citricos		05/11/2015	0.5055	0.5006
GISC15-21748	Citricos		05/11/2015	0.5040	0.5023
GISC15-21780	Citricos		05/11/2015	0.5031	0.5021
GISC15-21781	Citricos		05/11/2015	0.5022	0.5001
GISC15-21782	Citricos		05/11/2015	0.5115	0.5105
GISC15-21783	Citricos		05/11/2015	0.5119	0.5116
GISC15-21784	Citricos		05/11/2015	0.5039	0.5023
GISC15-21785	Citricos		05/11/2015	0.5071	0.5033
GISC15-21787	Citricos		05/11/2015	0.5062	0.5071
GISC15-21799	Citricos		05/11/2015	0.5002	0.5001
GISC15-21800	Citricos		05/11/2015	0.5035	0.5021

P.A. I. B. T. Reyna Ivette Delgado Ramos

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Méndez



Residuos Tóxicos..

Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora
de Impresión: 2015/11/23 01:05 p.m.
Peso de muestra (g)

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>
GISC15-21801	Citricos		05/11/2015	metales Hg 0.5027 0.5016
GISC15-21802	Citricos		05/11/2015	0.5014 0.5006
GISC15-21803	Citricos		05/11/2015	0.5107 0.5001
GISC15-21804	Citricos		05/11/2015	0.5018 0.5011
GISC15-21809	Citricos		05/11/2015	0.5016 0.5012
GISC15-21810	Citricos		05/11/2015	0.5011 0.5001
GISC15-21811	Citricos		05/11/2015	0.5082 0.5031
GISC15-21812	Citricos		05/11/2015	0.5011 0.5006
GISC15-21813	Citricos		05/11/2015	0.5073 0.5023
GISC15-21814	Citricos		05/11/2015	0.5056 0.5025
GISC15-21817	Citricos		05/11/2015	0.5003 0.5032
GISC15-21818	Citricos		05/11/2015	0.5145 0.5038
GISC15-21819	Citricos		05/11/2015	0.5156 0.5121
GISC15-21825	Citricos		05/11/2015	0.5098 0.5100
GISC15-21826	Citricos		05/11/2015	0.5008 0.5005
GISC15-21827	Citricos		05/11/2015	0.5006 0.5009
GISC15-21833	Citricos		05/11/2015	0.5068 0.5061
GISC15-21837	Citricos		05/11/2015	0.5090 0.5100
GISC15-21838	Citricos		05/11/2015	0.5123 0.5129
GISC15-21839	Citricos		05/11/2015	0.5036 0.5106
GISC15-21840	Citricos		05/11/2015	0.5003 0.5001
GISC15-21848	Citricos		05/11/2015	0.5018 0.5101
GISC15-21849	Citricos		05/11/2015	0.5002 0.5109
GISC15-21850	Citricos		05/11/2015	0.5016 0.5002
GISC15-21851	Citricos		05/11/2015	0.5008 0.5006
GISC15-21852	Citricos		05/11/2015	0.4999 0.5101
GISC15-21861	Citricos		05/11/2015	0.5016 0.5021
GISC15-21862	Citricos		05/11/2015	0.5105 0.5100
GISC15-21863	Citricos		05/11/2015	0.5121 0.5001

P.A. *Ivette Delgado Ramos*

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Méndez



Residuos Tóxicos..

Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora
de Impresión: 2015/11/23 01:05 p.m.
Peso de muestra (g)

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>	
GISC15-21864	Citricos		05/11/2015	metales 0.5032	0.5108
GISC15-21865	Citricos		05/11/2015	0.5034	0.5023
GISC15-21866	Citricos		05/11/2015	0.5001	0.5106
GISC15-21867	Citricos		05/11/2015	0.5109	0.5009
GISC15-21870	Citricos		05/11/2015	0.5051	0.5109
GISC15-21871	Citricos		05/11/2015	0.5002	0.5128
GISC15-21872	Citricos		05/11/2015	0.5114	0.5121
GISC15-21873	Citricos		05/11/2015	0.5030	0.5021
GISC15-21874	Citricos		05/11/2015	0.5123	0.5106
GISC15-21875	Citricos		05/11/2015	0.4999	0.5001
GISC15-21876	Citricos		05/11/2015	0.5116	0.5006
GISC15-21877	Citricos		05/11/2015	0.5001	0.5001
GISC15-21878	Citricos		05/11/2015	0.5038	0.5021
GISC15-21879	Citricos		05/11/2015	0.5003	0.5001
GISC15-21880	Citricos		05/11/2015	0.5101	0.5021
GISC15-21881	Citricos		05/11/2015	0.5038	0.5006
GISC15-21882	Citricos		05/11/2015	0.5046	0.5031
GISC15-21883	Citricos		05/11/2015	0.5031	0.5004
GISC15-21884	Citricos		05/11/2015	0.4998	0.5001
GISC15-21885	Citricos		05/11/2015	0.5014	0.5123
GISC15-21903	Citricos		05/11/2015	0.5006	0.5002
GISC15-21904	Citricos		05/11/2015	0.5046	0.5031
GISC15-21905	Citricos		05/11/2015	0.5001	0.5021
GISC15-21906	Citricos		05/11/2015	0.5120	0.5001
GISC15-21907	Citricos		05/11/2015	0.5102	0.5106
GISC15-21908	Citricos		05/11/2015	0.5005	0.5141
GISC15-21920	Citricos		05/11/2015	0.5123	0.5130
GISC15-21921	Citricos		05/11/2015	0.5007	0.5160
GISC15-21922	Citricos		05/11/2015	0.5006	0.5001

P.A. *Ivette Delgado*

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Méndez

Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora
de Impresión: 2015/11/23 01:05 p.m.

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>	<u>Peso de muestra (g)</u>
GISC15-21940	Citricos		05/11/2015	metales 0.5055	Hg 0.5123
GISC15-21941	Citricos		05/11/2015	0.5017	0.5016
GISC15-21947	Citricos		05/11/2015	0.5113	0.5048
GISC15-21948	Citricos		05/11/2015	0.5060	0.5101
GISC15-21949	Citricos		05/11/2015	0.5127	0.5022
GISC15-21950	Citricos		05/11/2015	0.5024	0.5101
GISC15-21951	Citricos		05/11/2015	0.5011	0.5001
GISC15-21952	Citricos		05/11/2015	0.5072	0.5106
GISC15-21953	Citricos		05/11/2015	0.5071	0.5108
GISC15-21967	Citricos		05/11/2015	0.5092	0.5103
GISC15-21968	Citricos		05/11/2015	0.5022	0.5106
GISC15-21969	Citricos		05/11/2015	0.5007	0.5001
GISC15-21970	Citricos		05/11/2015	0.5031	0.5021
GISC15-21971	Citricos		05/11/2015	0.5045	0.5011
GISC15-21972	Citricos		05/11/2015	0.5085	0.5030
GISC15-21973	Citricos		05/11/2015	0.5063	0.5120
GISC15-21974	Citricos		05/11/2015	0.5062	0.5011
GISC15-21975	Citricos		05/11/2015	0.5034	0.5101
GISC15-21976	Citricos		05/11/2015	0.5011	0.5003
GISC15-21977	Citricos		05/11/2015	0.5069	0.5009
GISC15-21979	Citricos		05/11/2015	0.5066	0.5021
GISC15-21980	Citricos		05/11/2015	0.5021	0.5002
GISC15-21981	Citricos		05/11/2015	0.5085	0.5023
GISC15-21982	Citricos		05/11/2015	0.5014	0.5013
GISC15-21983	Citricos		05/11/2015	0.5090	0.5062
GISC15-21993	Citricos		05/11/2015	0.5052	0.5039
GISC15-22002	Citricos		05/11/2015	0.5077	0.5062
GISC15-22003	Citricos		05/11/2015	0.5025	0.5011
GISC15-22004	Citricos		05/11/2015	0.5044	0.5008

P.A. Leticia Velazquez MS

I.B.T. Reyna Ivette Delgado



Q.F.B. Leticia Velazquez Méndez

Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora
de Impresión: 2015/11/23 01:05 p.m.

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>	<u>Peso de muestra (g)</u>
GISC15-22007	Citricos		05/11/2015	metales 0.5062	Hg 0.5041
GISC15-22008	Citricos		05/11/2015	0.5050	0.5059
GISC15-22009	Citricos		05/11/2015	0.5041	0.5032
GISC15-22013	Citricos		05/11/2015	0.5067	0.5006
GISC15-22014	Citricos		05/11/2015	0.5031	0.5021
GISC15-22015	Citricos		05/11/2015	0.5003	0.5001
GISC15-22016	Citricos		05/11/2015	0.5023	0.5021
GISC15-22017	Citricos		05/11/2015	0.5012	0.5010
GISC15-22018	Citricos		05/11/2015	0.5194	0.5120
GISC15-22019	Citricos		05/11/2015	0.5168	0.5015
GISC15-22020	Citricos		05/11/2015	0.5016	0.5011
GISC15-22021	Citricos		05/11/2015	0.5053	0.5110
GISC15-22037	Citricos		05/11/2015	0.5053	0.5001
GISC15-22038	Citricos		05/11/2015	0.5062	0.5021
GISC15-22039	Citricos		05/11/2015	0.5041	0.5030
GISC15-22040	Citricos		05/11/2015	0.5089	0.5061
GISC15-22041	Citricos		05/11/2015	0.5021	0.5011
GISC15-22042	Citricos		05/11/2015	0.5094	0.5022
GISC15-22043	Citricos		05/11/2015	0.5079	0.5054
GISC15-22044	Citricos		05/11/2015	0.5019	0.5011
GISC15-22045	Citricos		05/11/2015	0.5006	0.5004
GISC15-22046	Citricos		05/11/2015	0.5009	0.5009
GISC15-22047	Citricos		05/11/2015	0.5101	0.5109
GISC15-22048	Citricos		05/11/2015	0.5078	0.5060
GISC15-22049	Citricos		05/11/2015	0.5022	0.5006
GISC15-22050	Citricos		05/11/2015	0.5029	0.5001
GISC15-22051	Citricos		05/11/2015	0.5048	0.5021
GISC15-22052	Citricos		05/11/2015	0.5071	0.5030
GISC15-22055	Citricos		05/11/2015	0.5057	0.5016

P.A. 4
Reyna Ivette Delgado Ramos

I.B.T. Reyna Ivette Delgado

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Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora
de Impresión: 2015/11/23 01:05 p.m.

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>	<u>Peso de muestra</u>
GISC15-22056	Citricos		05/11/2015	0.5102 ^{metales}	0.5108 ^{Hg}
GISC15-22057	Citricos		05/11/2015	0.5046	0.5024
GISC15-22058	Citricos		05/11/2015	0.5003	0.5001
GISC15-22059	Citricos		05/11/2015	0.5011	0.5012
GISC15-22060	Citricos		05/11/2015	0.5002	0.5003
GISC15-22061	Citricos		05/11/2015	0.5049	0.5032
GISC15-22062	Citricos		05/11/2015	0.5012	0.5101
GISC15-22063	Citricos		05/11/2015	0.5047	0.5015
GISC15-22064	Citricos		05/11/2015	0.5049	0.5022
GISC15-22065	Citricos		05/11/2015	0.5029	0.5008
GISC15-22066	Citricos		05/11/2015	0.5034	0.5023
GISC15-22067	Citricos		05/11/2015	0.5102	0.5101
GISC15-22068	Citricos		05/11/2015	0.5030	0.5024
GISC15-22102	Citricos		05/11/2015	0.5024	0.5011
GISC15-22103	Citricos		05/11/2015	0.5013	0.5002
GISC15-22104	Citricos		05/11/2015	0.5032	0.5009
GISC15-22105	Citricos		05/11/2015	0.5018	0.5021
GISC15-22106	Citricos		05/11/2015	0.5047	0.5016
GISC15-22107	Citricos		05/11/2015	0.5043	0.5011
GISC15-22108	Citricos		05/11/2015	0.5037	0.5006
GISC15-22152	Citricos		05/11/2015	0.5020	0.5010
GISC15-22153	Citricos		05/11/2015	0.5066	0.5021
GISC15-22155	Citricos		05/11/2015	0.5078	0.5061
GISC15-22156	Citricos		05/11/2015	0.5023	0.5011
GISC15-22157	Citricos		05/11/2015	0.5070	0.5036
GISC15-22164	Citricos		05/11/2015	0.5076	0.5003
GISC15-22165	Citricos		05/11/2015	0.5090	0.5074
GISC15-22166	Citricos		05/11/2015	0.5038	0.5031
GISC15-22167	Citricos		05/11/2015	0.5099	0.5085

P.A. 4 hauilcano 115
EF

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Méndez



Residuos Tóxicos..

Hoja de Trabajo (Preparación) - Metales y metaloides (2)

Analista:
I.B.T. Reyna Ivette Delgado Ramos

Fecha Hora
de Impresión: 2015/11/23 01:14 p.m.

<u>Clave</u>	<u>Matriz</u>	<u>Tejido</u>	<u>Fecha Recepción</u>	<u>Observaciones</u>	<u>Peso de muestra (g)</u>
GISC15-22173	Citricos		05/11/2015	metales 0.5038	14g 0.5031
GISC15-22174	Citricos		05/11/2015	0.5037	0.5033
GISC15-22175	Citricos		05/11/2015	0.5011	0.5016
GISC15-22176	Citricos		05/11/2015	0.5099	0.5021
GISC15-22177	Citricos		05/11/2015	0.5092	0.5081
GISC15-22178	Citricos		05/11/2015	0.5157	0.5009
GISC15-22184	Citricos		05/11/2015	0.5078	0.5054
GISC15-22188	Citricos		05/11/2015	0.5040	0.5021
GISC15-22189	Citricos		05/11/2015	0.5021	0.5033
GISC15-22190	Citricos		05/11/2015	0.5023	0.5012
GISC15-22191	Citricos		05/11/2015	0.5017	0.5019
GISC15-22192	Citricos		05/11/2015	0.5018	0.5001
GISC15-22256	Citricos		05/11/2015	0.5080	0.5068
GISC15-22257	Citricos		05/11/2015	0.5060	0.5051

P.A. 4 *Asistencia MS*

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Méndez

1	Cal: Blanco 24/11/2015 10:57:26 IR D MP-151124: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	2.430	-1.305	1.616	17.27	6.707	3.492	2.596	-1.457	34.64	
Desv. Est.	2.873	.126	1.478	1.58	.659	.188	.259	.390	.96	
% RSD	118.2	9.652	91.46	9.172	9.828	5.374	9.978	26.76	2.763	
Rep #1	3.455	-1.160	.8432	16.54	7.430	3.600	2.298	-1.501	34.59	
Rep #2	-8.150	-1.386	3.321	19.08	6.140	3.600	2.770	-1.047	35.62	
Rep #3	4.650	-1.369	.6847	16.18	6.550	3.275	2.720	-1.823	33.71	
2	Cal: STD 1 24/11/2015 10:59:37 IR D MP-151124: CITRICOS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	53.24	18.16	1.242							
Desv. Est.	.65	1.83	.186							
% RSD	1.218	10.05	15.01							
Rep #1	52.62	19.67	1.363							
Rep #2	53.91	18.67	1.028							
Rep #3	53.21	16.13	1.337							
3	Cal: STD 2 24/11/2015 11:02:06 IR D MP-151124: CITRICOS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	132.2	36.03	4.070							
Desv. Est.	.7	1.75	.830							
% RSD	.5206	4.855	20.39							
Rep #1	131.5	34.68	3.213							
Rep #2	132.3	38.00	4.127							
Rep #3	132.8	35.40	4.870							
4	Cal: STD 3 24/11/2015 11:04:24 IR D MP-151124: CITRICOS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	15.55	522.2	106.1	68.07	318.8	121.7	18.38			
Desv. Est.	.58	2.5	1.5	2.31	1.7	.5	.69			
% RSD	3.701	.4867	1.420	3.398	.5394	.4193	3.729			
Rep #1	16.17	520.3	107.7	69.34	318.2	121.5	18.00			
Rep #2	15.03	525.1	105.9	69.47	317.5	122.3	19.17			
Rep #3	15.46	521.3	104.7	65.40	320.8	121.4	17.97			
5	Cal: STD 4 24/11/2015 11:06:51 IR D MP-151124: CITRICOS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	41.79	1296.	230.2	143.5	776.2	291.2	46.42			
Desv. Est.	.50	3.	1.3	.1	.9	1.2	.90			
% RSD	1.185	.2622	.5512	.0804	.1212	.4204	1.943			
Rep #1	42.33	1294.	230.6	143.3	775.1	290.2	45.53			
Rep #2	41.36	1300.	228.8	143.5	777.0	290.8	46.41			
Rep #3	41.68	1294.	231.2	143.6	776.4	292.6	47.33			
6	Cal: STD 5 24/11/2015 11:09:03 IR D MP-151124: CITRICOS (UNAM):									

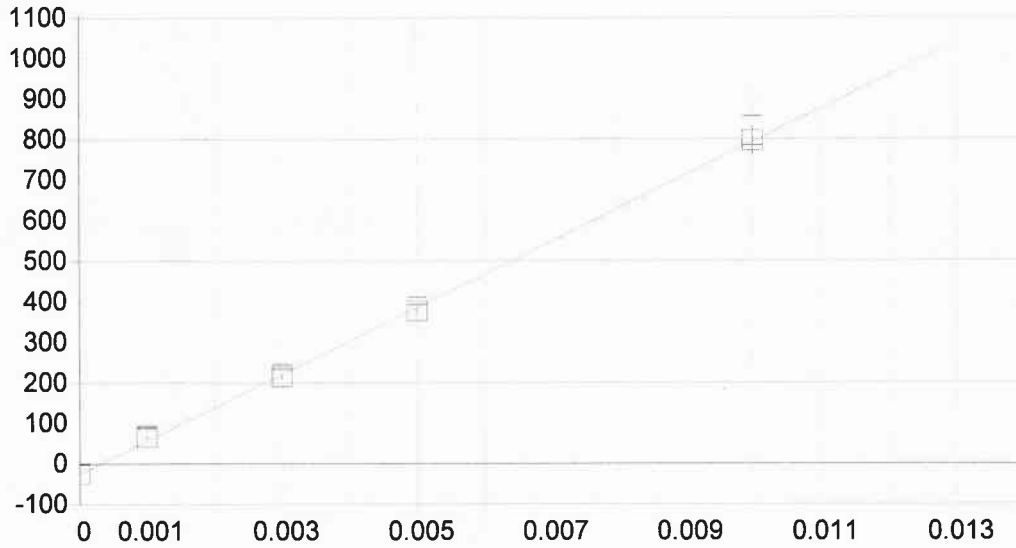
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	62.09	169.1	5225.	877.8	559.0	3133.	1164.	190.5	5303.
Desv. Est.	4.78	.7	6.	.8	2.7	8.	2.	.8	21.
% RSD	7.701	.4189	.1090	.0878	.4860	.2472	.1949	.4210	.3899
Rep #1	66.42	169.7	5218.	877.1	556.3	3131.	1161.	191.3	5280.
Rep #2	56.96	169.2	5228.	878.6	559.1	3142.	1165.	190.5	5309.
Rep #3	62.87	168.3	5228.	877.8	561.7	3127.	1166.	189.7	5319.
7	Cal: STD 6 24/11/2015 11:11:16 IR D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	142.5	424.0	2195.	1408.	7987.	13130.			
Desv. Est.	4.1	2.0	11.	4.	14.	9.			
% RSD	2.887	.4625	.4873	.3040	.1800	.0652			
Rep #1	140.8	426.3	2200.	1411.	8002.	13140.			
Rep #2	147.2	422.8	2183.	1403.	7974.	13120.			
Rep #3	139.5	423.0	2203.	1410.	7983.	13120.			
8	Cal: STD 7 24/11/2015 11:13:22 IR D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	541.9	1730.	8456.	5470.	30910.	48810.			
Desv. Est.	2.7	3.	46.	22.	122.	95.			
% RSD	.4986	.1672	.5449	.4097	.3947	.1936			
Rep #1	540.3	1728.	8405.	5445.	30780.	48710.			
Rep #2	540.4	1729.	8470.	5479.	30910.	48810.			
Rep #3	545.0	1733.	8494.	5487.	31020.	48900.			
9	Cal: STD 8 24/11/2015 11:15:40 IR D MP-151124: CITRICOS (UNAM):								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							
Unidades	Cts/s	Cts/s							
Media	1348.	112700.							
Desv. Est.	4.	191.							
% RSD	.2892	.1697							
Rep #1	1344.	112500.							
Rep #2	1349.	112800.							
Rep #3	1352.	112700.							
10	Blanco: REACTIVO 24/11/2015 11:20:35 CONC D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0448	-.0027	.0001	.0003	.0306	.0007	.0032	-.0109	.0022
Desv. Est.	.0257	.0013	.0001	.0007	.0003	.0001	.0002	.0011	.0001
% RSD	57.33	49.20	58.68	235.8	1.044	17.03	6.806	9.913	4.771
Rep #1	.0335	-.0035	.0001	-.0003	.0307	.0007	.0032	-.0108	.0021
Rep #2	.0266	-.0012	.0002	.0001	.0303	.0009	.0033	-.0120	.0022
Rep #3	.0741	-.0035	.0001	.0011	.0309	.0007	.0029	-.0098	.0023
11	Blanco: MUESTRA 24/11/2015 11:25:20 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.801	-.3414	.0053	.0910	3.380	.0505	.3226	-1.197	.2245
Desv. Est.	2.358	.0675	.0055	.0378	.092	.0200	.0291	.068	.0045
% RSD	62.03	19.77	103.1	41.57	2.725	39.65	9.022	5.639	1.998
Rep #1	1.225	-.2800	-.0009	.0616	3.405	.0732	.2937	-1.267	.2283
Rep #2	4.327	-.3305	.0075	.1337	3.457	.0430	.3519	-1.190	.2257
Rep #3	5.852	-.4136	.0094	.0777	3.278	.0353	.3222	-1.133	.2196
12	Unk: RECUPERACION 24/11/2015 11:30:12 CONC x90 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	34.23	37.06	38.00	37.55	35.64	38.05	37.22	36.69	43.57
Desv. Est.	.53	.68	.56	.12	.12	.34	.53	.81	.60
% RSD	1.555	1.841	1.484	.3203	.3440	.8945	1.429	2.212	1.371
Rep #1	34.79	37.79	38.62	37.65	35.78	38.43	37.80	37.55	44.17
Rep #2	34.16	36.95	37.88	37.42	35.58	37.95	37.11	36.57	43.57
Rep #3	33.74	36.44	37.51	37.56	35.57	37.78	36.76	35.94	42.98
13	Unk: GISC15-21715 24/11/2015 11:33:23 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.029	-.5966	.0139	.7668	3.779	.8832	.0473	-.0924	2.547
Desv. Est.	.929	.2477	.0036	.1635	.070	.0231	.0245	.1440	.027
% RSD	90.29	41.53	26.18	21.32	1.849	2.614	51.70	155.7	1.055
Rep #1	-3.090	-.8755	.0139	.9525	3.807	.8765	.0339	.0544	2.516
Rep #2	-2.078	-.4022	.0175	.6447	3.830	.8643	.0325	-.0984	2.565
Rep #3	-7.004	-.5120	.0103	.7033	3.699	.9089	.0755	-.2333	2.560
14	Unk: GISC15-21715-R 24/11/2015 11:35:23 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-3.927	-.7506	.0107	.5116	3.172	.8167	.0346	-.0621	2.464
Desv. Est.	.2531	.0891	.0031	.1178	.166	.0274	.0065	.1204	.018
% RSD	64.45	11.87	28.99	23.03	5.217	3.354	18.87	193.7	.7236
Rep #1	-.6413	-.6804	.0071	.5859	3.203	.7965	.0330	-.0812	2.484
Rep #2	-.4013	-.7205	.0125	.5731	2.993	.8479	.0417	-.1719	2.451
Rep #3	-.1354	-.8508	.0125	.3758	3.320	.8058	.0289	.0666	2.457
15	Unk: GISC15-21716 24/11/2015 11:37:36 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-4.644	-.6384	.0149	.6527	11.31	.7859	.4273	-.0799	1.073
Desv. Est.	1.657	.0781	.0115	.2508	.04	.0352	.0193	.1154	.011
% RSD	35.67	12.23	77.38	38.43	.3658	4.477	4.523	144.5	1.021
Rep #1	-2.802	-.5899	.0021	.8356	11.27	.8263	.4071	-.1376	1.083
Rep #2	-6.011	-.5967	.0244	.7558	11.35	.7685	.4291	.0530	1.075
Rep #3	-5.121	-.7285	.0181	.3668	11.32	.7627	.4456	-.1550	1.061
16	Unk: GISC15-21717 24/11/2015 11:39:46 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.793	-.6622	.0117	.6260	2.164	.7739	-.0211	-.0964	1.360

Desv. Est.	2.680	.1864	.0063	.0099	.019	.0098	.0137	.0796	.014
% RSD	149.4	28.15	53.74	1.579	.8935	1.260	64.90	82.56	1.044
Rep #1	1.098	-.5177	.0046	.6272	2.166	.7756	-.0339	-.0718	1.369
Rep #2	-4.194	-.5963	.0142	.6353	2.144	.7634	-.0229	-.0320	1.344
Rep #3	-2.285	-.8726	.0165	.6156	2.182	.7826	-.0066	-.1854	1.367
17	Unk: GISC15-21719 24/11/2015 11:42:00 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-4.050	-6.309	.0407	.5232	1.535	.5963	-.0028	-.1544	1.708
Desv. Est.	.4215	.1045	.0052	.0173	.133	.0219	.0128	.1175	.015
% RSD	104.1	16.57	12.79	3.313	8.640	3.672	464.9	76.09	.8712
Rep #1	-.0579	-.5737	.0395	.5295	1.626	.5866	.0087	-.2211	1.698
Rep #2	-.2831	-.7515	.0362	.5365	1.383	.6213	-.0166	-.0187	1.700
Rep #3	-.8740	-.5675	.0464	.5036	1.595	.5809	-.0004	-.2234	1.725
18	Unk: GISC15-21720 24/11/2015 11:44:14 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.423	-.5495	.0092	.3841	.5512	.5859	-.0476	-.3031	1.105
Desv. Est.	.884	.2124	.0069	.1127	.1249	.0281	.0324	.2892	.014
% RSD	62.10	38.65	74.48	29.35	22.66	4.802	68.11	95.40	1.252
Rep #1	-.4050	-.3466	.0053	.3039	.5716	.5847	-.0279	.0303	1.096
Rep #2	-1.993	-.5316	.0171	.5130	.6647	.5584	-.0299	-.4540	1.120
Rep #3	-1.871	-.7702	.0052	.3353	.4173	.6146	-.0851	-.4858	1.097
19	Unk: GISC15-21721 24/11/2015 11:46:28 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-3.438	-.3631	.0059	.5503	.6467	.5837	-.0629	-.1293	1.102
Desv. Est.	2.113	.1395	.0045	.1887	.0080	.0128	.0138	.3092	.011
% RSD	61.45	38.42	76.89	34.29	1.234	2.185	21.87	239.2	.9662
Rep #1	-5.527	-.3375	.0019	.5476	.6378	.5886	-.0525	-.4049	1.093
Rep #2	-3.485	-.5136	.0108	.7402	.6494	.5934	-.0576	-.1879	1.114
Rep #3	-1.302	-.2381	.0049	.3629	.6530	.5693	-.0785	.2051	1.100
20	Unk: GISC15-21731 24/11/2015 11:49:08 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.9466	-.6045	.0093	.3413	.7998	.6868	-.0435	-.2530	1.123
Desv. Est.	1.410	.1665	.0040	.0770	.1085	.0347	.0510	.2672	.042
% RSD	149.0	27.54	42.93	22.55	13.57	5.049	117.3	105.6	3.733
Rep #1	.0419	-.5782	.0047	.2526	.8713	.7171	-.0993	.0406	1.143
Rep #2	-.3200	-.4527	.0115	.3903	.8531	.6943	-.0320	-.4819	1.151
Rep #3	-2.562	-.7825	.0118	.3811	.6749	.6490	.0008	-.3178	1.075
21	Unk: GISC15-21732 24/11/2015 11:51:23 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.9183	-.8009	.0086	.2525	.3870	.6163	-.0296	-.0632	.8208
Desv. Est.	1.792	.0422	.0083	.2464	.2610	.0130	.0326	.0773	.0048
% RSD	195.1	5.263	96.35	97.57	67.45	2.113	110.1	122.2	.5827

Rep #1	1.054	-.7865	.0024	.0467	.2958	.6313	-.0499	-.1071	.8183
Rep #2	-1.361	-.8483	.0054	.5256	.1838	.6098	-.0469	-.1086	.8178
Rep #3	-2.447	-.7678	.0179	.1853	.6814	.6078	.0080	.0260	.8263
22	Unk: GISC15-21734 24/11/2015 11:53:41 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-3.212	-.5214	.0145	.5475	1.501	.7404	.0334	-.2097	2.570
Desv. Est.	1.556	.1046	.0040	.0989	.321	.0151	.0482	.4011	.310
% RSD	48.44	20.07	27.89	18.06	21.41	2.038	144.2	191.3	12.04
Rep #1	-4.633	-.4011	.0187	.6374	1.146	.7267	-.0214	-.1655	2.312
Rep #2	-1.550	-.5713	.0106	.5634	1.586	.7380	.0522	.1675	2.483
Rep #3	-3.452	-.5917	.0143	.4416	1.771	.7566	.0695	-.6310	2.913
23	Unk: GISC15-21735 24/11/2015 11:56:01 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.563	-.4883	.0028	.2835	.7857	.6231	-.0832	-.1004	.6555
Desv. Est.	3.337	.0842	.0042	.1005	.0489	.0092	.0185	.1906	.0092
% RSD	213.5	17.24	148.8	35.44	6.226	1.479	22.21	189.9	1.407
Rep #1	2.258	-.5397	.0001	.3078	.7294	.6316	-.0983	.0484	.6466
Rep #2	-3.042	-.5341	.0008	.1731	.8182	.6133	-.0888	-.3152	.6547
Rep #3	-3.906	-.3911	.0077	.3696	.8095	.6242	-.0626	-.0343	.6650
24	Unk: ESTANDAR DE CHEQUEO 24/11/2015 11:58:25 CONC x96.3 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	35.56	36.44	38.87	40.69	44.61	42.83	37.36	31.82	48.00
Desv. Est.	2.06	9.90	10.68	.27	.16	.14	10.38	8.86	13.50
% RSD	5.805	27.17	27.48	.6728	.3684	.3167	27.78	27.86	28.13
Rep #1	35.59	42.22	45.11	40.42	44.80	42.68	43.40	36.93	55.85
Rep #2	33.49	42.09	44.97	40.68	44.50	42.86	43.30	36.94	55.73
Rep #3	37.62	25.01	26.53	40.96	44.54	42.95	25.38	21.58	32.41
25	Unk: GISC15-21736 24/11/2015 12:05:36 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.6019	-.1676	.0224	.5946	1.891	.7957	-.0779	.0630	1.420
Desv. Est.	2.727	.7087	.0308	.2456	1.473	.0257	.1979	.8633	1.687
% RSD	453.1	422.8	137.6	41.31	77.94	3.231	254.2	1371.	118.8
Rep #1	-3.477	-.7524	.0217	.3698	.7505	.7698	.0062	-.4165	1.310
Rep #2	1.947	-.3711	.0535	.5572	1.367	.7961	.0641	-.4542	3.160
Rep #3	-.2757	.6205	-.0081	.8568	3.554	.8212	-.3040	1.060	-.2088
26	Unk: GISC15-21740 24/11/2015 12:08:08 CONC x100 D MP-151124:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.312	-.6159	.0102	.5992	3.012	1.438	-.0538	-.3240	1.613
Desv. Est.	1.981	.2565	.0066	.1835	.337	.040	.0191	.0758	.011
% RSD	85.67	41.65	64.28	30.63	11.18	2.798	35.56	23.40	.6704
Rep #1	-4.367	-.7574	.0041	.5733	3.394	1.471	-.0332	-.3242	1.614
Rep #2	-.4161	-.7705	.0171	.4301	2.883	1.393	-.0711	-.3998	1.602

Rep #3	-2.152	-.3198	.0094	.7943	2.759	1.450	-.0571	-.2482	1.624
27	Unk: GISC15-21741 24/11/2015 12:10:45 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.7004	-.3820	.0184	.4074	2.749	.6287	-.0823	-.2549	1.078
Desv. Est.	2.215	.0848	.0084	.1676	.032	.0146	.0062	.1091	.008
% RSD	316.3	22.19	45.66	41.15	1.160	2.326	7.561	42.78	.7520
Rep #1	-2.130	-.4664	.0202	.4510	2.783	.6432	-.0751	-.3530	1.076
Rep #2	1.851	-.2968	.0092	.2223	2.745	.6139	-.0860	-.2743	1.071
Rep #3	-1.823	-.3828	.0257	.5489	2.720	.6290	-.0858	-.1375	1.087
28	Unk: GISC15-21742 24/11/2015 12:12:57 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.643	-.7332	.0179	.4640	5.320	1.077	-.0737	-.1222	2.145
Desv. Est.	1.339	.0608	.0031	.2430	.076	.003	.0321	.1660	.002
% RSD	50.67	8.291	17.09	52.37	1.422	.2538	43.52	135.8	.1094
Rep #1	-4.057	-.7054	.0212	.6780	5.299	1.074	-.0608	-.0937	2.145
Rep #2	-1.395	-.6912	.0171	.5143	5.404	1.080	-.1102	-.3006	2.142
Rep #3	-2.477	-.8029	.0152	.1998	5.257	1.077	-.0500	.0276	2.147
29	Unk: GISC15-21743 24/11/2015 12:15:11 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.9306	-.5901	.0137	.2838	1.368	.6164	-.0439	-.2919	.7644
Desv. Est.	1.163	.1954	.0030	.0903	.031	.0099	.0434	.1412	.0057
% RSD	125.0	33.11	22.26	31.83	2.252	1.612	99.02	48.36	.7413
Rep #1	-.3459	-.5095	.0145	.1799	1.341	.6226	-.0922	-.1718	.7703
Rep #2	-2.270	-.8130	.0162	.3439	1.361	.6050	-.0314	-.4474	.7590
Rep #3	-1.760	-.4479	.0103	.3277	1.402	.6217	-.0081	-.2565	.7638
30	Unk: GISC15-21744 24/11/2015 12:17:24 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.6155	-.6194	.0115	.2794	1.482	.5518	-.0456	-.1349	.9389
Desv. Est.	2.614	.0199	.0047	.0345	.157	.0161	.0339	.1332	.0103
% RSD	424.7	3.206	40.62	12.34	10.60	2.926	74.42	98.74	1.100
Rep #1	-2.307	-.6059	.0161	.2406	1.530	.5333	-.0325	-.2512	.9414
Rep #2	1.423	-.6422	.0116	.2909	1.610	.5629	-.0202	-.1639	.9477
Rep #3	2.730	-.6101	.0068	.3067	1.307	.5593	-.0841	.0104	.9275
31	Unk: GISC15-21745 24/11/2015 12:19:47 CONC x100 D MP-151124: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.128	-.5435	.0233	.2884	2.453	.6040	.0308	-.3089	3.970
Desv. Est.	2.791	.1068	.0057	.0038	.246	.0373	.0197	.1414	.025
% RSD	131.2	19.66	24.64	1.306	10.03	6.176	64.03	45.77	.6379
Rep #1	4.839	-.5554	.0278	.2849	2.187	.6265	.0090	-.3782	3.947
Rep #2	-.7373	-.6440	.0168	.2879	2.672	.6246	.0475	-.1463	3.965
Rep #3	2.283	-.4313	.0251	.2924	2.502	.5609	.0358	-.4023	3.997



Hg 194.227 {474}

Fecha de la 24/11/2015 17:00:09 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -25.622233 Reajustar P 1.000000
 A1 (Ganancia) 81898.46876 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999573 Estatus: OK.
 Error Estándar de Est: 0.425572
 MDL: 0.000024
 MQL: 0.000081

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-25.629	1.00	1
STD 1	.00100	.00111	.000	11.5	65.679	3.55	1
STD 2	.00300	.00294	-.000	-2.08	214.97	6.04	1
STD 3	.00500	.00491	-.000	-1.79	376.53	8.87	1
STD 4	.01000	.01004	.000	.371	796.40	35.9	1

1	Cal: Blanco 24/11/2015 16:56:48 IR D Hg-151124: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	-25.63
Desv. Est.	1.00
% RSD	3.904
Rep #1	-26.37
Rep #2	-26.02
Rep #3	-24.49
2	Cal: STD 1 24/11/2015 16:58:59 IR D Hg-151124: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	65.68
Desv. Est.	3.55
% RSD	5.404
Rep #1	69.58
Rep #2	64.83
Rep #3	62.63
3	Cal: STD 2 24/11/2015 16:59:25 IR D Hg-151124: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	215.0
Desv. Est.	6.0
% RSD	2.810
Rep #1	208.5
Rep #2	216.0
Rep #3	220.4
4	Cal: STD 3 24/11/2015 17:00:44 IR D Hg-151124: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	376.5
Desv. Est.	8.9
% RSD	2.357
Rep #1	367.3
Rep #2	377.4
Rep #3	385.0
5	Cal: STD 4 24/11/2015 17:02:04 IR D Hg-151124: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	796.4
Desv. Est.	35.9
% RSD	4.502
Rep #1	762.9
Rep #2	792.2
Rep #3	834.2
6	Blanco: REACTIVO 24/11/2015 17:04:51 CONC D Hg-151124: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0000
Desv. Est.	.0000

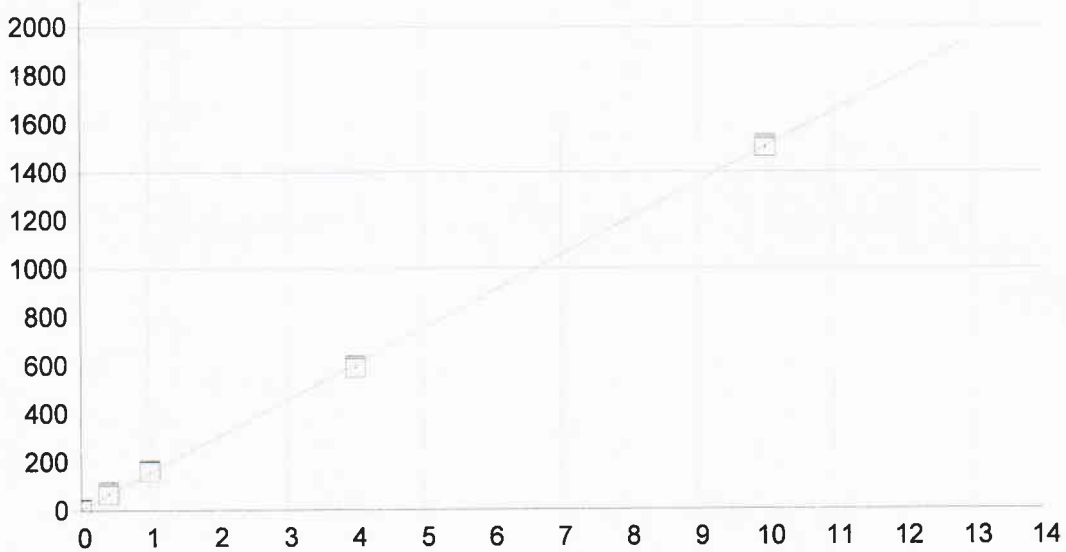
% RSD	74.24
Rep #1	.0001
Rep #2	.0000
Rep #3	.0000
7	Blanco: MUESTRA 24/11/2015 17:06:12 CONC x100 D Hg-151124: CITRICOS (UNAM); Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0010
Desv. Est.	.0014
% RSD	143.1
Rep #1	-.0019
Rep #2	.0006
Rep #3	-.0017
8	Unk: RECUPERACION 24/11/2015 17:07:47 CONC x100 D Hg-151124: CITRICOS (UNAM); Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4752
Desv. Est.	.0032
% RSD	.6652
Rep #1	.4731
Rep #2	.4737
Rep #3	.4789
9	Unk: GISC15-21715 24/11/2015 17:13:50 CONC x100 D Hg-151124: CITRICOS (UNAM); Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0157
Desv. Est.	.0013
% RSD	8.001
Rep #1	-.0149
Rep #2	-.0151
Rep #3	-.0172
10	Unk: GISC15-21715-R 24/11/2015 17:15:04 CONC x100 D Hg-151124: CITRICOS (UNAM); Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0156
Desv. Est.	.0008
% RSD	5.352
Rep #1	-.0148
Rep #2	-.0165
Rep #3	-.0155
11	Unk: GISC15-21716 24/11/2015 17:16:28 CONC x100 D Hg-151124: CITRICOS (UNAM); Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0138
Desv. Est.	.0032
% RSD	23.34
Rep #1	-.0131

Rep #2	-0110
Rep #3	-0173
12	Unk: GISC15-21717 24/11/2015 17:17:45 CONC x100 DUE 151124: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0200
Desv. Est.	.0018
% RSD	8.782
Rep #1	-0220
Rep #2	-0187
Rep #3	-0193
13	Unk: GISC15-21719 24/11/2015 17:19:06 CONC x100 DUE 151124: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0216
Desv. Est.	.0009
% RSD	4.290
Rep #1	-0205
Rep #2	-0218
Rep #3	-0223
14	Unk: GISC15-21720 24/11/2015 17:20:20 CONC x100 DUE 151124: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0198
Desv. Est.	.0018
% RSD	8.853
Rep #1	-0200
Rep #2	-0179
Rep #3	-0214
15	Unk: GISC15-21721 24/11/2015 17:21:34 CONC x100 DUE 151124: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0095
Desv. Est.	.0018
% RSD	18.36
Rep #1	-0083
Rep #2	-0088
Rep #3	-0115
16	Unk: GISC15-21731 24/11/2015 17:22:48 CONC x100 DUE 151124: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0194
Desv. Est.	.0003
% RSD	1.359
Rep #1	-0193
Rep #2	-0197
Rep #3	-0191

17	Unk: GISC15-21732 24/11/2015 17:24:12 CONC x100 DU 151124: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0218
Desv. Est.	.0012
% RSD	5.418
Rep #1	-.0220
Rep #2	-.0205
Rep #3	-.0228
18	Unk: GISC15-21734 24/11/2015 17:25:32 CONC x100 DU 151124: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0183
Desv. Est.	.0017
% RSD	9.475
Rep #1	-.0198
Rep #2	-.0187
Rep #3	-.0164
19	Unk: GISC15-21735 24/11/2015 17:26:46 CONC x100 DU 151124: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0233
Desv. Est.	.0022
% RSD	9.641
Rep #1	-.0232
Rep #2	-.0211
Rep #3	-.0256
20	Unk: ESTANDAR DE CHEQUEO1 24/11/2015 17:29:43 CONC x100 DU 151124: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4507
Desv. Est.	.0077
% RSD	1.710
Rep #1	.4421
Rep #2	.4530
Rep #3	.4570
21	Unk: GISC15-21736 24/11/2015 17:31:23 CONC x100 DU 151124: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0472
Desv. Est.	.0406
% RSD	86.04
Rep #1	.0935
Rep #2	.0305
Rep #3	.0176
22	Unk: GISC15-21740 24/11/2015 17:32:53 CONC x100 DU 151124: CITRICOS (UNAM)

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0101
Desv. Est.	.0093
% RSD	92.24
Rep #1	.0003
Rep #2	-.0130
Rep #3	-.0177
23	Unk: GISC15-21741 24/11/2015 17:34:23 CONC x100 CITE: 151124: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0138
Desv. Est.	.0009
% RSD	6.547
Rep #1	-.0137
Rep #2	-.0129
Rep #3	-.0147
24	Unk: GISC15-21742 24/11/2015 17:35:40 CONC x100 CITE: 151124: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0152
Desv. Est.	.0047
% RSD	30.83
Rep #1	-.0125
Rep #2	-.0126
Rep #3	-.0207
25	Unk: GISC15-21743 24/11/2015 17:37:13 CONC x100 CITE: 151124: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0195
Desv. Est.	.0033
% RSD	17.10
Rep #1	-.0216
Rep #2	-.0212
Rep #3	-.0157
26	Unk: GISC15-21744 24/11/2015 17:38:31 CONC x100 CITE: 151124: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0232
Desv. Est.	.0019
% RSD	8.226
Rep #1	-.0240
Rep #2	-.0247
Rep #3	-.0211
27	Unk: GISC15-21745 24/11/2015 17:39:53 CONC x100 CITE: 151124: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47

Unidades	mg/kg
Media	-.0140
Desv. Est.	.0010
% RSD	6.936
Rep #1	-.0144
Rep #2	-.0129
Rep #3	-.0147

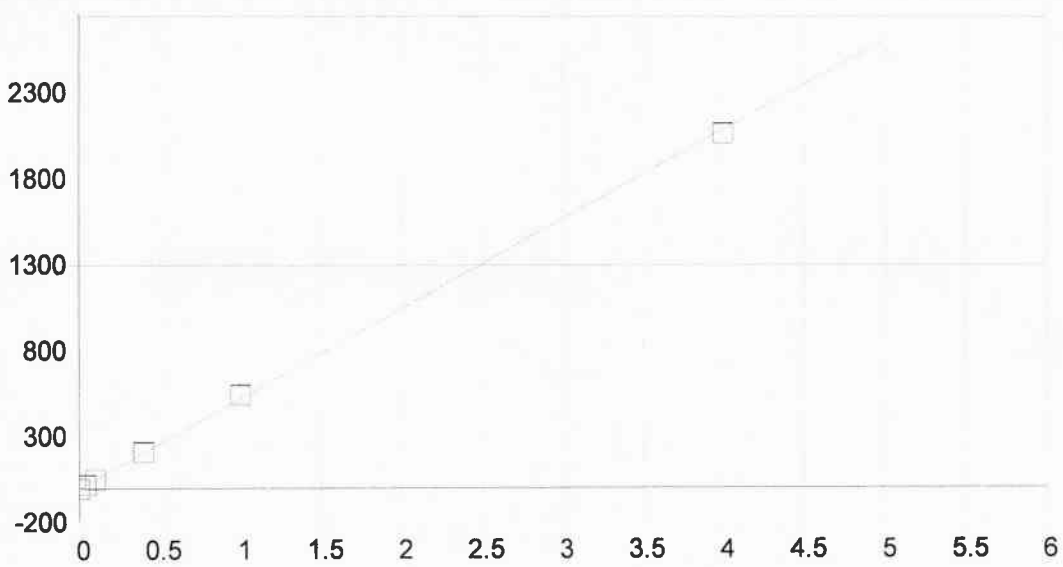


AI 308.215 {109}

Fecha de la 25/11/2015 10:33:37 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 3.156189 Reajustar P 1.000000
 A1 (Ganancia) 150.128407 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999723 Estatus: OK.
 Error Estándar de Est: 0.357447
 MDL: 0.027795
 MQL: 0.092650

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00005	-.000	.000	3.1483	1.51	1
STD 5	.40000	.43907	.039	9.77	69.073	6.80	1
STD 6	1.0000	1.0548	.055	5.48	161.51	3.18	1
STD 7	4.0000	3.9181	-.082	-2.05	591.38	5.54	1
STD 8	10.000	9.9880	-.012	-.120	1502.6	7.73	1

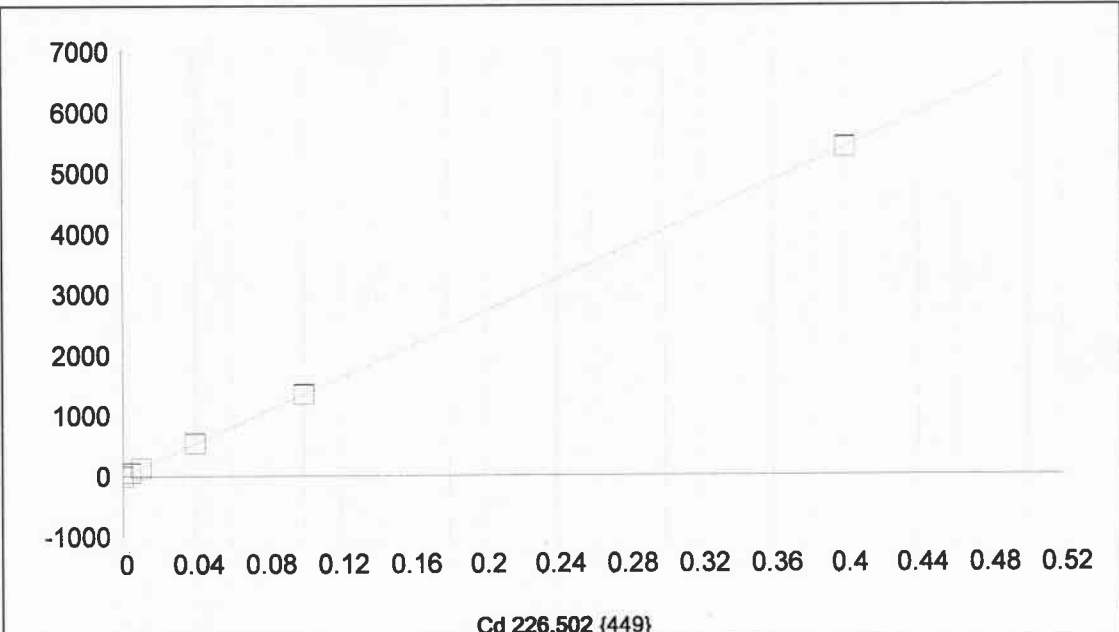


As 189.042 {478}

Fecha de la 25/11/2015 10:33:37 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.446556 Reajustar P 1.000000
 A1 (Ganancia) 523.665498 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999794 Estatus: OK.
 Error Estándar de Est: 0.193807
 MDL: 0.001376
 MQL: 0.004585

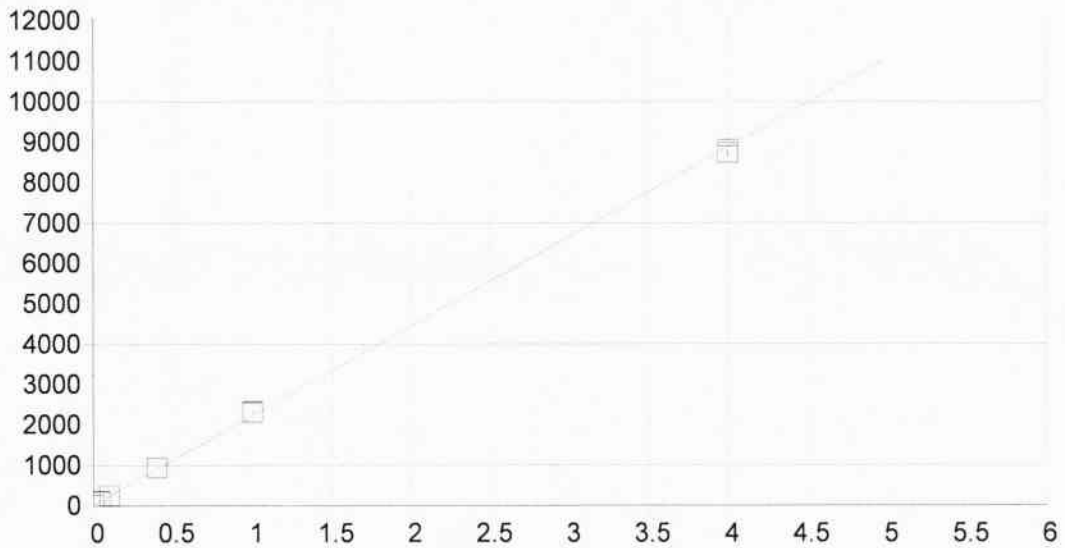
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-1.4479	.242	1
STD 4	.10000	.09976	-.000	-.244	50.792	.376	1
STD 5	.40000	.40594	.006	1.48	211.13	1.84	1
STD 6	1.0000	1.0403	.040	4.03	543.33	3.15	1
STD 7	4.0000	3.9531	-.047	-1.17	2068.6	2.10	1
STD 3	.04000	.04092	.001	2.29	19.980	.815	1



Fecha de la 25/11/2015 10:28:36 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -0.496514 Reajustar P 1.000000
 A1 (Ganancia) 13556.11610 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999972 Estatus: OK.
 Error Estándar de Est: 0.183365
 MDL: 0.000087
 MQL: 0.000289

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-.50090	.726	1
STD 1	.00400	.00434	.000	8.57	58.377	.493	1
STD 2	.01000	.00994	-.000	-.577	134.28	.787	1
STD 3	.04000	.04012	.000	.309	543.42	1.54	1
STD 4	.10000	.09985	-.000	-.149	1353.1	4.53	1
STD 5	.40000	.39974	-.000	-.065	5418.4	7.87	1

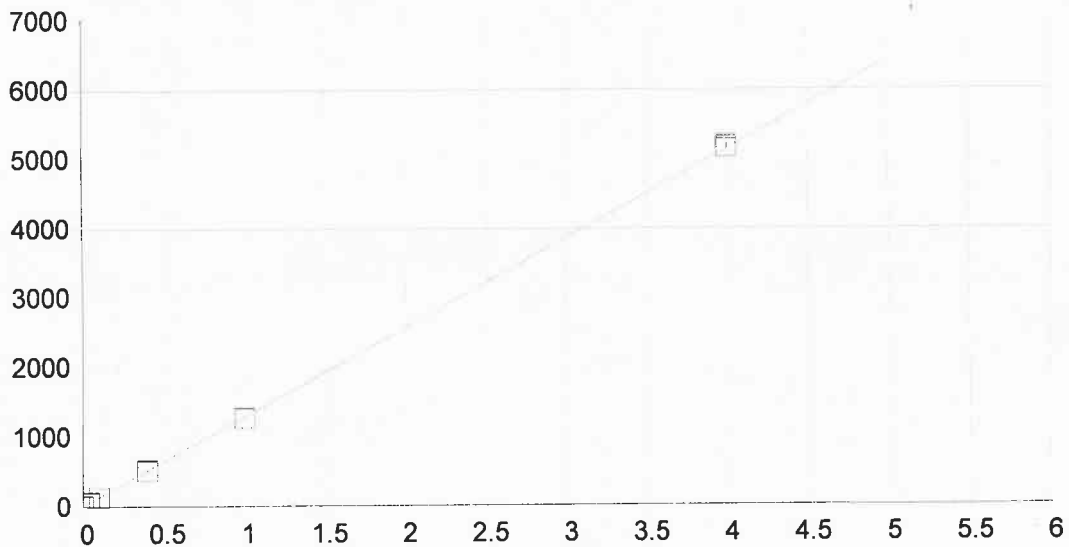


Cu 324.754 {104}

Fecha de la 25/11/2015 10:33:37 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 15.752894 Reajustar P 1.000000
 A1 (Ganancia) 2213.593482 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999697 Estatus: OK.
 Error Estándar de Est: 0.993484
 MDL: 0.001805
 MQL: 0.006016

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	15.738	3.72	1
STD 5	.40000	.41547	.015	3.87	935.43	3.41	1
STD 6	1.0000	1.0382	.038	3.82	2314.0	14.7	1
STD 7	4.0000	3.9391	-.061	-1.52	8735.3	81.0	1
STD 3	.04000	.04240	.002	5.99	109.60	5.20	1
STD 4	.10000	.10480	.005	4.80	247.73	2.32	1

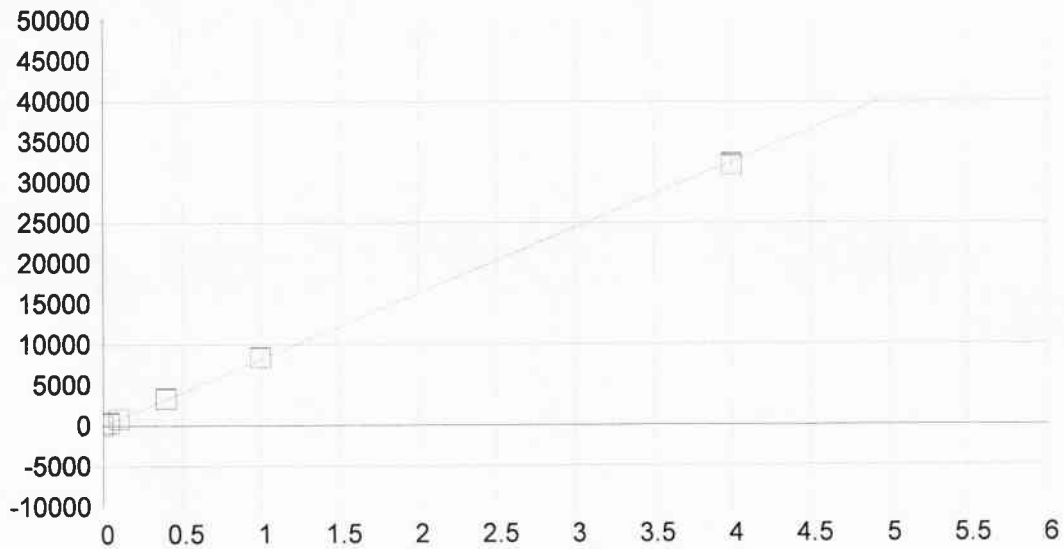


Fe 259.940 {130}

Fecha de la 25/11/2015 10:33:37 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 4.851064 Reajustar P 1.000000
 A1 (Ganancia) 1284.467603 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999953 Estatus: OK.
 Error Estándar de Est: 0.225691
 MDL: 0.001557
 MQL: 0.005191

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	4.8500	2.31	1
STD 5	.40000	.39474	-.005	-1.31	511.88	3.95	1
STD 6	1.0000	.98577	-.014	-1.42	1271.0	1.58	1
STD 3	.04000	.04233	.002	5.81	59.217	1.71	1
STD 4	.10000	.09853	-.001	-1.47	131.41	1.51	1
STD 7	4.0000	4.0186	.019	.466	5166.7	33.7	1

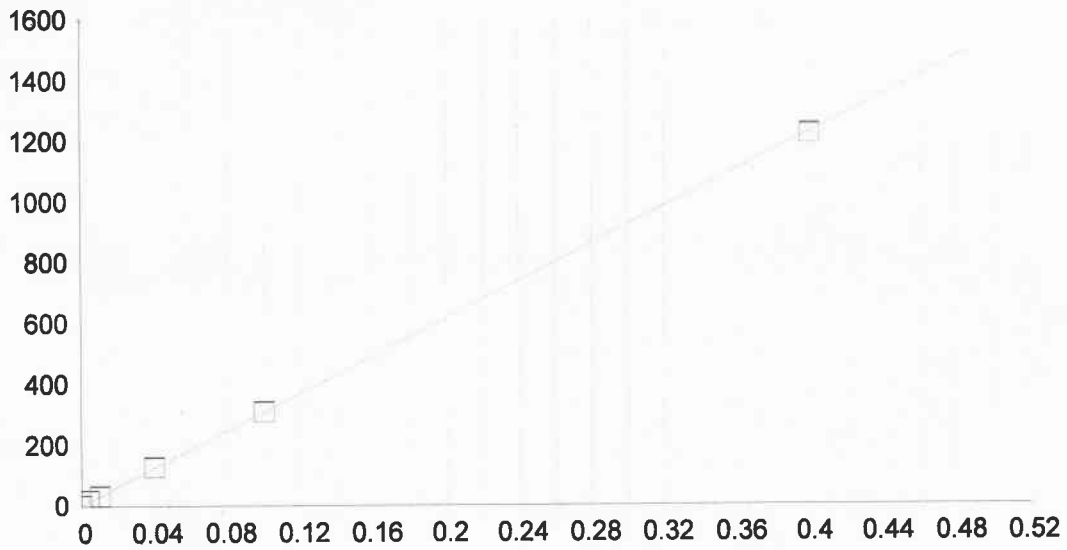


Mn 257.610 {131}

Fecha de la 25/11/2015 10:33:37 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 0.218426 Reajustar P 1.000000
 A1 (Ganancia) 8138.446866 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999850 Estatus: OK.
 Error Estándar de Est: 2.572273
 MDL: 0.000271
 MQL: 0.000904

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	.18333	.281	1
STD 5	.40000	.40897	.009	2.24	3328.6	12.0	1
STD 6	1.0000	1.0297	.030	2.97	8380.4	15.1	1
STD 3	.04000	.04174	.002	4.35	339.91	1.27	1
STD 4	.10000	.10229	.002	2.29	832.68	1.94	1
STD 7	4.0000	3.9573	-.043	-1.07	32207.	149.	1

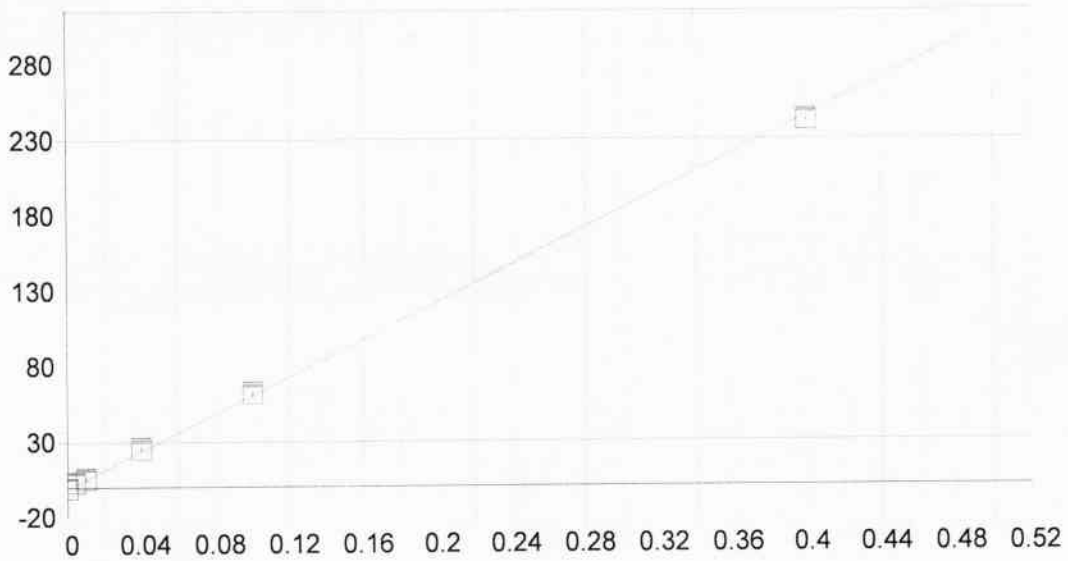


Ni 231.604 {446}

Fecha de la 25/11/2015 10:28:36 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 2.512075 Reajustar P 1.000000
 A1 (Ganancia) 3071.782517 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999586 Estatus: OK.
 Error Estándar de Est: 0.161033
 MDL: 0.000344
 MQL: 0.001147

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	2.5078	.440	1
STD 1	.00400	.00531	.001	32.9	18.838	.799	1
STD 2	.01000	.01003	.000	.341	33.335	1.09	1
STD 3	.04000	.04072	.001	1.79	127.58	1.28	1
STD 4	.10000	.10019	.000	.192	310.28	.723	1
STD 5	.40000	.39774	-.002	-.564	1224.3	2.63	1

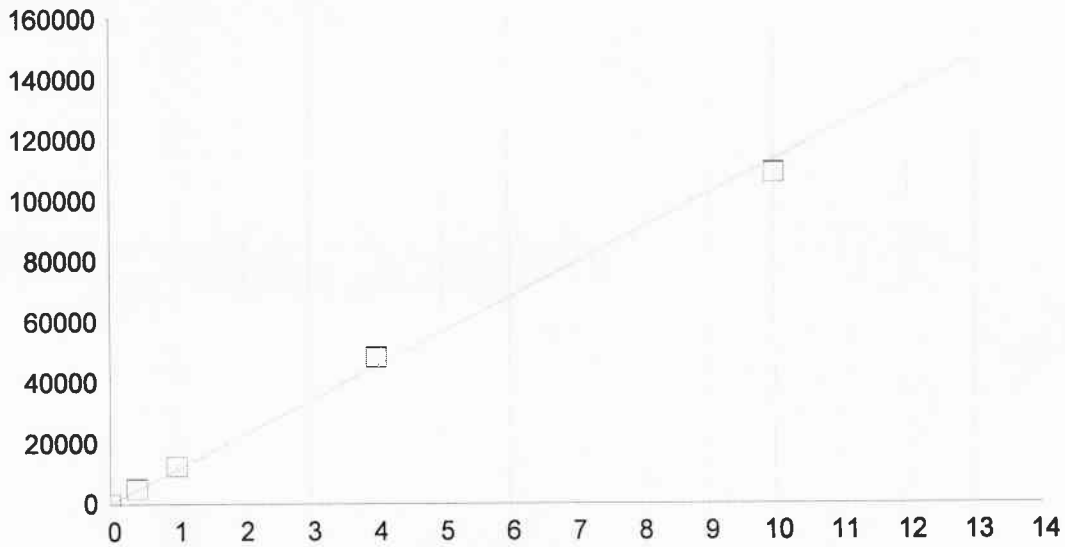


Pb 220.353 {453}

Fecha de la 25/11/2015 10:28:36 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.072420 Reajustar P 1.000000
 A1 (Ganancia) 616.725900 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998801 Estatus: OK.
 Error Estándar de Est: 0.055073
 MDL: 0.001801
 MQL: 0.006004

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-1.0739	.436	1
STD 1	.00400	.00611	.002	52.7	2.6951	.532	1
STD 2	.01000	.01003	.000	.320	5.1146	.774	1
STD 3	.04000	.04210	.002	5.24	24.889	1.50	1
STD 4	.10000	.10155	.002	1.55	61.558	1.51	1
STD 5	.40000	.39421	-.006	-1.45	242.05	.905	1



Zn 213.856 {458}

Fecha de la 25/11/2015 10:33:37 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 39.876266 Reajustar P 1.000000
 A1 (Ganancia) 11346.71257 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998572 Estatus: OK.
 Error Estándar de Est: 61.447982
 MDL: 0.000085
 MQL: 0.000282

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00009	-.000	.000	38.872	.684	1
STD 5	.40000	.44149	.041	10.4	5049.3	49.4	1
STD 6	1.0000	1.0931	.093	9.31	12443.	16.0	1
STD 7	4.0000	4.2532	.253	6.33	48299.	106.	1
STD 8	10.000	9.6122	-.388	-3.88	109110.	84.8	1

1	Cal: Blanco 25/11/2015 10:15:04 IR D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	3.148	-1.448	-5009	15.74	4.850	.1833	2.508	-1.074	38.87	
Desv. Est.	1.506	.242	.7258	3.72	2.313	.2810	.440	.436	.68	
% RSD	47.84	16.72	144.9	23.66	47.70	153.3	17.56	40.60	1.759	
Rep #1	4.825	-1.188	.2962	14.27	6.570	.4250	2.742	-1.500	38.32	
Rep #2	2.710	-1.490	-1.124	12.97	2.220	.2500	2.781	-6.290	38.66	
Rep #3	1.910	-1.666	-6.752	19.97	5.760	-.1250	2.000	-1.092	39.64	
2	Cal: STD 1 25/11/2015 10:17:16 IR D MP-151125: CITRICOS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	58.38	18.84	2.695							
Desv. Est.	.49	.80	.532							
% RSD	.8441	4.240	19.73							
Rep #1	58.51	17.96	2.478							
Rep #2	57.83	19.02	2.306							
Rep #3	58.79	19.53	3.301							
3	Cal: STD 2 25/11/2015 10:19:27 IR D MP-151125: CITRICOS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	134.3	33.33	5.115							
Desv. Est.	.8	1.09	.774							
% RSD	.5857	3.258	15.13							
Rep #1	135.1	33.47	5.910							
Rep #2	133.6	32.19	4.365							
Rep #3	134.1	34.35	5.069							
4	Cal: STD 3 25/11/2015 10:21:38 IR D MP-151125: CITRICOS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	19.98	543.4	109.6	59.22	339.9	127.6	24.89			
Desv. Est.	.81	1.5	5.2	1.71	1.3	1.3	1.50			
% RSD	4.077	.2838	4.742	2.879	.3724	1.002	6.043			
Rep #1	20.86	544.5	112.1	60.92	338.5	128.0	23.87			
Rep #2	19.84	541.6	103.6	59.22	340.7	128.6	24.18			
Rep #3	19.25	544.2	113.1	57.51	340.6	126.2	26.62			
5	Cal: STD 4 25/11/2015 10:24:20 IR D MP-151125: CITRICOS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	50.79	1353.	247.7	131.4	832.7	310.3	61.56			
Desv. Est.	.38	5.	2.3	1.5	1.9	.7	1.51			
% RSD	.7396	.3350	.9347	1.148	.2325	.2331	2.446			
Rep #1	50.53	1353.	248.7	132.6	830.5	310.7	62.48			
Rep #2	50.62	1348.	249.4	131.9	833.6	309.4	59.82			
Rep #3	51.22	1357.	245.1	129.7	834.0	310.7	62.37			
6	Cal: STD 5 25/11/2015 10:26:37 IR D MP-151125: CITRICOS (UNAM):									

	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	69.07	211.1	5418.	935.4	511.9	3329.	1224.	242.0	5049.
Desv. Est.	6.80	1.8	8.	3.4	4.0	12.	3.	.9	49.
% RSD	9.846	.8722	.1452	.3642	.7721	.3591	.2145	.3741	.9779
Rep #1	76.50	209.4	5412.	931.9	512.0	3315.	1222.	242.7	5001.
Rep #2	63.15	210.9	5416.	935.7	507.9	3335.	1227.	241.0	5047.
Rep #3	67.57	213.1	5427.	938.7	515.8	3336.	1224.	242.5	5100.
7	Cal: STD 6 25/11/2015 10:29:02 IR D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	161.5	543.3	2314.	1271.	8380.	12440.			
Desv. Est.	3.2	3.2	15.	2.	15.	16.			
% RSD	1.967	.5806	.6348	.1242	.1797	.1290			
Rep #1	158.4	540.4	2308.	1269.	8365.	12430.			
Rep #2	164.7	542.9	2331.	1272.	8382.	12450.			
Rep #3	161.4	546.7	2303.	1272.	8395.	12460.			
8	Cal: STD 7 25/11/2015 10:31:43 IR D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	591.4	2069.	8735.	5167.	32210.	48300.			
Desv. Est.	5.5	2.	81.	34.	149.	106.			
% RSD	.9376	.1014	.9276	.6529	.4617	.2188			
Rep #1	597.7	2068.	8812.	5199.	32300.	48370.			
Rep #2	587.3	2067.	8743.	5170.	32280.	48180.			
Rep #3	589.1	2071.	8651.	5131.	32040.	48350.			
9	Cal: STD 8 25/11/2015 10:33:58 IR D MP-151125: CITRICOS (UNAM):								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							
Unidades	Cts/s	Cts/s							
Media	1503.	109100.							
Desv. Est.	8.	85.							
% RSD	.5147	.0777							
Rep #1	1510.	109000.							
Rep #2	1504.	109200.							
Rep #3	1494.	109100.							
10	Blanco: REACTIVO 25/11/2015 10:35:49 CONC D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0483	-.0032	.0004	.0017	.0327	.0012	.0037	-.0043	.0024
Desv. Est.	.0281	.0004	.0001	.0012	.0010	.0003	.0003	.0008	.0001
% RSD	58.12	13.32	14.01	74.62	3.178	21.14	8.193	18.44	3.913
Rep #1	.0807	-.0031	.0004	.0030	.0327	.0011	.0035	-.0039	.0023
Rep #2	.0337	-.0036	.0004	.0012	.0338	.0011	.0041	-.0052	.0024
Rep #3	.0306	-.0028	.0005	.0007	.0317	.0015	.0035	-.0038	.0025
11	Blanco: MUESTRA 25/11/2015 10:40:43 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	7.902	-1.225	.0426	.3589	4.628	.2772	.4413	-.4438	2.066
Desv. Est.	1.601	.116	.0073	.1143	.153	.0226	.0170	.0452	.026
% RSD	20.26	9.482	17.08	31.86	3.312	8.149	3.844	10.19	1.266
Rep #1	6.629	-1.092	.0343	.3951	4.805	.2517	.4566	-.3918	2.069
Rep #2	7.378	-1.308	.0456	.4508	4.538	.2947	.4443	-.4735	2.090
Rep #3	9.699	-1.276	.0478	.2309	4.541	.2852	.4231	-.4663	2.038
12	Unk: RECUPERACION 25/11/2015 10:43:11 CONC x95 D MP-151125:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	34.41	44.98	40.03	37.04	37.26	38.07	38.65	34.44	46.86
Desv. Est.	1.17	.41	.71	.40	.34	.43	.75	.78	.65
% RSD	3.391	.9060	1.767	1.074	.9206	1.125	1.932	2.261	1.385
Rep #1	35.47	45.45	40.78	37.48	37.65	38.55	39.48	35.24	47.53
Rep #2	33.16	44.68	39.96	36.71	37.15	37.73	38.44	34.38	46.81
Rep #3	34.60	44.82	39.37	36.94	36.99	37.94	38.04	33.69	46.24
13	Unk: GISC15-21746 25/11/2015 10:45:57 CONC x100 D MP-151125:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	11.02	-.2489	.0059	1.199	31.47	.9076	.0024	-.2046	2.658
Desv. Est.	2.40	.0791	.0080	.062	.33	.0142	.0674	.1294	.047
% RSD	21.82	31.78	134.7	5.166	1.044	1.563	2857.	63.25	1.757
Rep #1	9.884	-.2167	.0018	1.270	31.10	.8920	-.0645	-.3509	2.606
Rep #2	13.79	-.3390	.0151	1.160	31.74	.9113	.0014	-.1573	2.672
Rep #3	9.401	-.1910	.0008	1.167	31.55	.9196	.0702	-.1054	2.696
14	Unk: GISC15-21746-R 25/11/2015 10:48:10 CONC x100 D MP-151125:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	10.54	-.2134	.0146	.9975	35.53	1.039	.0238	-.2279	3.011
Desv. Est.	2.36	.1470	.0053	.0968	.25	.014	.0190	.0819	.011
% RSD	22.40	68.92	36.29	9.706	.7087	1.326	79.75	35.93	.3574
Rep #1	11.80	-.0553	.0120	.9112	35.47	1.049	.0115	-.2601	3.021
Rep #2	7.819	-.3461	.0111	.9790	35.80	1.045	.0456	-.1349	3.000
Rep #3	12.01	-.2387	.0207	1.102	35.31	1.023	.0143	-.2889	3.012
15	Unk: GISC15-21747 25/11/2015 10:50:25 CONC x100 D MP-151125:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.706	-.4119	.0075	.8288	3.623	.8077	-.0838	-.3129	1.911
Desv. Est.	1.385	.0885	.0044	.1173	.084	.0060	.0506	.1535	.013
% RSD	37.37	21.49	58.63	14.15	2.312	.7475	60.39	49.05	.6980
Rep #1	3.876	-.3554	.0024	.9478	3.708	.8145	-.1401	-.4219	1.926
Rep #2	2.244	-.3663	.0102	.8252	3.619	.8053	-.0691	-.1374	1.909
Rep #3	4.998	-.5139	.0100	.7133	3.541	.8032	-.0421	-.3794	1.899
16	Unk: GISC15-21748 25/11/2015 10:51:27 CONC x100 D MP-151125:: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.040	-.6297	.0079	1.177	3.717	.7111	-.0158	-.3001	3.233

Desv. Est.	2.029	.0711	.0109	.139	.128	.0068	.0147	.1692	.019
% RSD	195.1	11.29	136.9	11.82	3.431	.9624	93.30	56.39	.5809
Rep #1	-.3441	-.5872	-.0042	1.232	3.656	.7076	-.0252	-.1181	3.212
Rep #2	.0955	-.5900	.0168	1.019	3.864	.7067	.0012	-.4527	3.241
Rep #3	3.369	-.7118	.0111	1.280	3.632	.7190	-.0233	-.3296	3.246
17	Unk: GISC15-21780 25/11/2015 10:53:42 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.031	-.3144	.0128	.5488	1.800	.2425	-.0975	-.2233	1.387
Desv. Est.	.663	.1509	.0031	.1131	.231	.0150	.0193	.2181	.090
% RSD	64.32	47.99	24.00	20.61	12.83	6.184	19.76	97.68	6.483
Rep #1	.2653	-.4603	.0152	.4182	1.534	.2343	-.1106	.0154	1.435
Rep #2	1.418	-.3240	.0093	.6162	1.911	.2598	-.0754	-.2730	1.443
Rep #3	1.411	-.1590	.0138	.6121	1.954	.2334	-.1065	-.4122	1.283
18	Unk: GISC15-21781 25/11/2015 10:55:51 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.112	-.4799	.0130	.7021	2.243	.2343	-.1033	-.3281	1.773
Desv. Est.	1.572	.0813	.0052	.1055	.142	.0064	.0286	.0900	.007
% RSD	50.52	16.95	40.00	15.03	6.347	2.725	27.66	27.43	.4129
Rep #1	4.332	-.4088	.0102	.8098	2.320	.2417	-.1124	-.2383	1.775
Rep #2	1.338	-.4623	.0099	.6977	2.079	.2306	-.0713	-.3278	1.779
Rep #3	3.666	-.5686	.0191	.5989	2.330	.2306	-.1262	-.4183	1.765
19	Unk: GISC15-21782 25/11/2015 10:57:58 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	204.1	-.2031	.0324	.7161	203.8	2.021	-.0103	-.2330	1.349
Desv. Est.	.7	.2009	.0080	.0104	1.1	.029	.0128	.0771	.009
% RSD	.3364	98.87	24.83	1.452	.5311	1.457	124.3	33.07	.6799
Rep #1	204.1	-.2285	.0298	.7094	203.4	2.035	-.0126	-.1564	1.347
Rep #2	204.7	-.3901	.0259	.7108	205.1	1.988	-.0218	-.2322	1.360
Rep #3	203.4	.0092	.0414	.7281	203.0	2.042	.0035	-.3105	1.342
20	Unk: GISC15-21783 25/11/2015 11:00:06 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.8215	-.4941	.0063	.2895	3.206	.6069	-.1033	-.3517	1.352
Desv. Est.	1.931	.1196	.0055	.1102	.198	.0111	.0358	.0397	.004
% RSD	235.0	24.20	87.30	38.06	6.183	1.823	34.69	11.30	.3112
Rep #1	-.4840	-.4019	.0001	.1786	3.396	.5971	-.0678	-.3951	1.352
Rep #2	3.040	-.6292	.0105	.3989	3.222	.6047	-.1025	-.3171	1.348
Rep #3	-.0910	-.4512	.0081	.2909	3.000	.6189	-.1395	-.3431	1.357
21	Unk: GISC15-21784 25/11/2015 11:02:16 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.321	-.0480	.0109	.2406	2.948	.6717	-.1315	-.3353	1.842
Desv. Est.	.245	.0591	.0041	.0714	.111	.0381	.0266	.0572	.013
% RSD	10.55	123.1	38.02	29.68	3.765	5.668	20.24	17.07	.7046

Rep #1	2.080	-.0309	.0150	.2488	3.071	.6290	-.1091	-.2945	1.837
Rep #2	2.570	-.1138	.0067	.1654	2.919	.6840	-.1244	-.3106	1.856
Rep #3	2.314	.0006	.0110	.3075	2.854	.7021	-.1609	-.4007	1.831
22	Unk: GISC15-21785 25/11/2015 11:04:24 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.089	-.3657	.0038	.3613	2.180	.7096	-.1131	-.1993	1.806
Desv. Est.	3.407	.1516	.0054	.0721	.017	.0469	.0059	.1183	.011
% RSD	312.8	41.45	142.5	19.97	.7734	6.605	5.249	59.36	.6245
Rep #1	-2.586	-.3742	.0076	.3527	2.171	.7599	-.1118	-.0685	1.805
Rep #2	1.711	-.2101	-.0024	.2938	2.170	.7018	-.1079	-.2307	1.795
Rep #3	4.142	-.5129	.0063	.4373	2.199	.6671	-.1195	-.2988	1.818
23	Unk: GISC15-21787 25/11/2015 11:06:41 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.0311	-.1005	.0060	.3008	1.841	.4672	-.0890	-.3295	1.271
Desv. Est.	.5427	.0643	.0028	.0544	.081	.0348	.0440	.1144	.006
% RSD	1746.	63.96	46.83	18.07	4.395	7.453	49.49	34.71	.4627
Rep #1	.1221	-.0757	.0076	.2808	1.861	.4272	-.1130	-.4362	1.264
Rep #2	-.6339	-.1735	.0027	.2593	1.752	.4905	-.0382	-.3435	1.275
Rep #3	.4185	-.0523	.0076	.3624	1.910	.4840	-.1158	-.2087	1.272
24	Unk: ESTANDAR DE CHEQUEO 25/11/2015 11:10:32 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	36.38	45.87	40.12	38.22	38.53	38.89	38.85	34.03	47.56
Desv. Est.	1.88	.30	.19	.28	.24	.20	.19	.29	.09
% RSD	5.179	.6453	.4792	.7226	.6118	.5186	.4835	.8655	.1993
Rep #1	35.12	46.21	40.25	38.17	38.77	39.10	38.94	34.26	47.63
Rep #2	35.47	45.77	40.20	38.52	38.52	38.86	38.97	34.13	47.61
Rep #3	38.54	45.64	39.90	37.97	38.30	38.70	38.63	33.70	47.45
25	Unk: GISC15-21799 25/11/2015 11:14:16 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.5995	-.4391	.0212	.4332	2.722	.8412	-.1520	-.2646	1.587
Desv. Est.	1.169	.2166	.0022	.0714	.123	.0172	.0141	.0252	.001
% RSD	194.9	49.33	10.27	16.48	4.535	2.048	9.271	9.510	.0508
Rep #1	-.7371	-.4817	.0189	.3950	2.762	.8579	-.1675	-.2854	1.586
Rep #2	1.108	-.2043	.0214	.3891	2.583	.8422	-.1401	-.2366	1.588
Rep #3	1.428	-.6313	.0233	.5155	2.820	.8235	-.1482	-.2717	1.587
26	Unk: GISC15-21800 25/11/2015 11:16:29 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.146	-.3409	.0017	.4505	1.138	.8162	-.1269	-.3640	1.068
Desv. Est.	1.859	.0721	.0017	.0430	.264	.0206	.0208	.0096	.003
% RSD	162.3	21.14	99.80	9.550	23.15	2.530	16.42	2.638	.3187
Rep #1	2.547	-.4140	.0009	.4127	1.352	.8207	-.1473	-.3576	1.072
Rep #2	-.9636	-.2699	.0036	.4414	1.218	.8342	-.1277	-.3594	1.066

Rep #3	1.854	-.3388	.0005	.4973	.8439	.7937	-.1056	-.3750	1.067
27	Unk: GISC15-21801 25/11/2015 11:18:39 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.591	-.5771	.0124	.5778	3.420	.8095	-.1513	-.5179	1.495
Desv. Est.	3.188	.0401	.0083	.0452	.206	.0038	.0094	.1163	.008
% RSD	123.0	6.952	67.18	7.830	6.024	.4683	6.193	22.46	.5228
Rep #1	-1.080	-.5352	.0154	.5542	3.266	.8053	-.1476	-.4624	1.494
Rep #2	4.192	-.5810	.0030	.5492	3.339	.8127	-.1620	-.6516	1.487
Rep #3	4.662	-.6152	.0187	.6299	3.654	.8106	-.1443	-.4397	1.503
28	Unk: GISC15-21802 25/11/2015 11:20:50 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.395	-.4698	.0131	.4485	21.00	.9933	-.1166	-.3809	46.08
Desv. Est.	1.901	.1210	.0027	.0998	.35	.0168	.0099	.1900	.17
% RSD	55.99	25.75	20.95	22.24	1.682	1.695	8.454	49.88	.3662
Rep #1	1.684	-.5513	.0126	.5014	20.68	.9872	-.1280	-.3883	45.89
Rep #2	3.060	-.5274	.0106	.3334	21.38	1.012	-.1105	-.5670	46.11
Rep #3	5.441	-.3308	.0160	.5106	20.94	.9804	-.1114	-.1873	46.22
29	Unk: GISC15-21803 25/11/2015 11:22:11 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	9.617	-.1152	.0101	.5390	18.78	.9457	-.1489	-.3725	1.571
Desv. Est.	1.018	.0927	.0059	.1249	.15	.0475	.0279	.1912	.019
% RSD	10.58	80.44	58.71	23.17	.8104	5.022	18.72	51.32	1.230
Rep #1	8.445	-.2045	.0164	.6673	18.69	.9767	-.1188	-.2193	1.550
Rep #2	10.28	-.0195	.0046	.5318	18.95	.9694	-.1738	-.3115	1.589
Rep #3	10.13	-.1217	.0094	.4178	18.69	.8910	-.1543	-.5867	1.574
30	Unk: GISC15-21804 25/11/2015 11:24:24 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.470	-.1064	.0135	.4504	1.188	.6526	-.0605	-.2796	.8881
Desv. Est.	2.445	.0962	.0064	.0296	.273	.0313	.0157	.1024	.0375
% RSD	166.3	90.34	47.78	6.579	23.00	4.792	25.93	36.61	4.223
Rep #1	4.235	-.1282	.0067	.4404	1.183	.6364	-.0700	-.1850	.8721
Rep #2	-4.041	-.0013	.0143	.4270	.9179	.6327	-.0690	-.3883	.8612
Rep #3	.5784	-.1899	.0194	.4837	1.464	.6886	-.0424	-.2655	.9309
31	Unk: GISC15-21809 25/11/2015 11:26:33 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.4330	-.2276	.0120	.4945	1.281	.3875	-.1173	-.4786	1.631
Desv. Est.	2.771	.0979	.0021	.1410	.116	.0297	.0269	.2135	.045
% RSD	640.0	43.00	17.46	28.51	9.049	7.661	22.96	44.60	2.774
Rep #1	-2.073	-.1748	.0142	.3889	1.405	.3857	-.1036	-.2348	1.675
Rep #2	2.767	-.3406	.0119	.4400	1.263	.3587	-.1000	-.5690	1.634
Rep #3	-1.993	-.1675	.0100	.6546	1.176	.4180	-.1484	-.6321	1.585

32	Unk: GISC15-21810 25/11/2015 11:28:54 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	-1.288	-2.759	.0036	.3553	-.2362	.3361	-.1457	-.2925	.8964	
Desv. Est.	3.078	.1338	.0053	.1535	.0639	.0110	.0412	.0812	.0076	
% RSD	2390.	48.50	149.7	43.21	27.05	3.283	28.27	27.76	.8515	
Rep #1	-1.427	-.1317	.0095	.1917	-.2670	.3267	-.1027	-.3041	.8986	
Rep #2	-2.346	-.3960	.0019	.3780	-.1627	.3482	-.1496	-.3672	.9028	
Rep #3	3.386	-.2999	-.0008	.4962	-.2787	.3332	-.1848	-.2061	.8880	
33	Unk: GISC15-21811 25/11/2015 11:31:04 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	4.950	-.5269	.0146	.3225	.4518	.3169	-.0894	-.2602	.9985	
Desv. Est.	1.590	.0218	.0042	.1367	.1227	.0095	.0172	.0536	.0105	
% RSD	32.13	4.129	28.80	42.38	27.15	2.986	19.26	20.61	1.048	
Rep #1	6.527	-.5341	.0113	.1700	.5123	.3062	-.1064	-.2598	.9882	
Rep #2	3.346	-.5441	.0131	.4338	.3106	.3206	-.0898	-.2067	.9981	
Rep #3	4.978	-.5024	.0193	.3636	.5325	.3240	-.0720	-.3140	1.009	
34	Unk: GISC15-21812 25/11/2015 11:33:40 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	12.82	-.4093	.0105	.4833	1.870	.9303	-.0954	-.4771	1.525	
Desv. Est.	2.47	.0157	.0051	.0312	.050	.0193	.0488	.1734	.018	
% RSD	19.30	3.841	48.45	6.460	2.649	2.078	51.20	36.34	1.151	
Rep #1	12.73	-.3985	.0156	.5141	1.918	.9328	-.0588	-.5870	1.510	
Rep #2	15.33	-.4273	.0055	.4517	1.873	.9098	-.0765	-.5670	1.520	
Rep #3	10.38	-.4019	.0103	.4841	1.819	.9482	-.1509	-.2772	1.544	
35	Unk: ESTANDAR DE CHEQUEO 25/11/2015 11:35:45 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	36.78	45.79	39.63	37.98	38.87	38.47	38.29	33.32	47.14	
Desv. Est.	1.47	.11	.11	.37	.13	.24	.01	.14	.06	
% RSD	4.010	.2469	.2743	.9779	.3371	.6300	.0260	.4234	.1207	
Rep #1	35.18	45.84	39.71	38.33	39.01	38.60	38.28	33.43	47.17	
Rep #2	38.09	45.87	39.66	38.02	38.76	38.62	38.28	33.37	47.19	
Rep #3	37.05	45.66	39.50	37.59	38.83	38.19	38.30	33.16	47.08	
36	Unk: GISC15-21813 25/11/2015 11:37:50 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	1.212	-.4176	.0206	.4234	1.061	.8971	-.1164	-.3785	1.340	
Desv. Est.	2.870	.1495	.0042	.1177	.127	.0239	.0120	.0878	.005	
% RSD	236.8	35.81	20.56	27.79	12.01	2.660	10.31	23.19	.3653	
Rep #1	3.762	-.5885	.0207	.3537	1.208	.9104	-.1145	-.4156	1.334	
Rep #2	1.771	-.3106	.0163	.5593	1.001	.8695	-.1292	-.4417	1.342	
Rep #3	-1.896	-.3537	.0247	.3572	.9747	.9113	-.1054	-.2783	1.342	
37	Unk: GISC15-21813-R 25/11/2015 11:38:11 CONC x100 D MP-151125: CITRICOS (UNAM):									

	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.528	-4.297	.0137	.3295	.9329	.8653	-.0885	-.3782	1.250
Desv. Est.	3.733	.0713	.0090	.1251	.0865	.0129	.0148	.0664	.005
% RSD	244.4	16.60	65.85	37.96	9.274	1.496	16.67	17.56	.4351
Rep #1	3.219	-.3534	.0233	.4151	.9669	.8800	-.0856	-.3401	1.244
Rep #2	4.115	-.4947	.0123	.3874	.9973	.8554	-.0754	-.4549	1.254
Rep #3	-2.752	-.4409	.0054	.1860	.8346	.8606	-.1045	-.3397	1.253
38	Unk: GISC15-21814 25/11/2015 11:40:25 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.961	-4.023	.0177	.3071	1.469	.9351	-.1303	-.5348	1.368
Desv. Est.	2.596	.1544	.0034	.0879	.170	.0378	.0185	.1223	.007
% RSD	87.67	38.39	19.06	28.61	11.57	4.040	14.23	22.87	.5430
Rep #1	1.324	-.2271	.0198	.3971	1.331	.9605	-.1497	-.4261	1.376
Rep #2	5.954	-.4609	.0196	.2215	1.418	.9531	-.1285	-.6672	1.364
Rep #3	1.604	-.5188	.0138	.3028	1.659	.8917	-.1128	-.5111	1.363
39	Unk: GISC15-21817 25/11/2015 11:44:17 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.6372	-.5140	.0151	.3783	.7378	.7892	-.1587	-.3086	.9512
Desv. Est.	.2664	.0719	.0068	.0655	.0852	.0008	.0294	.0318	.0061
% RSD	41.81	13.99	45.21	17.32	11.55	.0980	18.53	10.29	.6452
Rep #1	.4751	-.5376	.0216	.3357	.7684	.7900	-.1293	-.2837	.9449
Rep #2	.4918	-.4333	.0157	.4537	.6415	.7884	-.1881	-.2978	.9571
Rep #3	.9447	-.5711	.0080	.3455	.8034	.7891	-.1586	-.3444	.9516
40	Unk: GISC15-21818 25/11/2015 11:46:24 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.8137	-.2520	.0090	.3038	8.949	.7190	-.0825	-.4112	.9042
Desv. Est.	1.254	.1079	.0029	.0497	.817	.0538	.0372	.0326	.1213
% RSD	154.1	42.83	31.74	16.37	9.129	7.479	45.14	7.936	13.41
Rep #1	-.7405	-.3764	.0079	.3326	9.449	.7273	-.0419	-.4084	.9968
Rep #2	-2.103	-.1841	.0122	.3324	9.392	.7682	-.0905	-.3801	.9489
Rep #3	.4019	-.1954	.0068	.2463	8.006	.6616	-.1150	-.4452	.7669
41	Unk: GISC15-21819 25/11/2015 11:48:45 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.1121	-.4637	.0095	.3046	2.626	.7874	-.1569	-.5475	1.268
Desv. Est.	2.019	.0125	.0067	.1520	.099	.0138	.0065	.1598	.021
% RSD	1801.	2.701	70.35	49.91	3.753	1.759	4.118	29.19	1.634
Rep #1	1.874	-.4685	.0032	.4541	2.512	.7832	-.1643	-.6594	1.244
Rep #2	-2.163	-.4730	.0165	.3094	2.691	.7762	-.1530	-.3645	1.281
Rep #3	-.0477	-.4494	.0088	.1502	2.674	.8029	-.1533	-.6187	1.278
42	Unk: GISC15-21825 25/11/2015 11:50:53 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.356	-.4191	.0149	.4110	1.677	.3476	-.1173	-.4464	.6381
Desv. Est.	2.021	.2059	.0080	.0745	.176	.0116	.0164	.0876	.0045
% RSD	149.1	49.14	53.49	18.11	10.49	3.326	14.02	19.63	.7084
Rep #1	2.264	-.2019	.0201	.3324	1.862	.3608	-.1012	-.5348	.6433
Rep #2	2.763	-.4438	.0190	.4804	1.657	.3427	-.1167	-.4448	.6349
Rep #3	-.9603	-.6115	.0057	.4203	1.512	.3393	-.1341	-.3595	.6360
43	Unk: GISC15-21826 25/11/2015 11:53:02 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.187	-.5221	.0099	.3672	1.913	.5838	-.0803	-.4795	1.179
Desv. Est.	1.254	.1208	.0033	.0741	.043	.0144	.0294	.0847	.012
% RSD	105.7	23.15	33.20	20.17	2.269	2.474	36.64	17.66	1.026
Rep #1	1.951	-.4106	.0134	.3897	1.963	.5719	-.0518	-.5733	1.176
Rep #2	-.2609	-.5051	.0069	.2845	1.881	.5998	-.0787	-.4566	1.193
Rep #3	1.871	-.6505	.0095	.4275	1.897	.5796	-.1105	-.4086	1.170
44	Unk: GISC15-21827 25/11/2015 11:55:07 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.7505	-.5027	.0176	.3782	.4414	.5460	-.1419	-.3899	.9783
Desv. Est.	2.368	.0252	.0041	.0436	.1409	.0184	.0452	.0437	.0032
% RSD	315.6	5.015	23.25	11.52	31.92	3.371	31.87	11.21	.3294
Rep #1	.0155	-.5287	.0129	.3704	.4298	.5252	-.1439	-.3707	.9797
Rep #2	-1.163	-.5009	.0201	.3392	.3067	.5525	-.1862	-.3591	.9805
Rep #3	3.399	-.4784	.0199	.4252	.5878	.5602	-.0958	-.4399	.9746
45	Unk: GISC15-21833 25/11/2015 11:57:19 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.327	-.3313	.0202	.2958	1.004	.5328	-.1441	-.4029	.9106
Desv. Est.	1.392	.1076	.0081	.0541	.131	.0188	.0291	.1839	.0038
% RSD	59.83	32.46	40.03	18.29	13.02	3.536	20.18	45.65	.4166
Rep #1	2.327	-.4288	.0293	.3406	.8883	.5534	-.1755	-.3808	.9122
Rep #2	.9348	-.3493	.0141	.3110	1.146	.5166	-.1386	-.5968	.9134
Rep #3	3.719	-.2159	.0171	.2357	.9786	.5283	-.1182	-.2310	.9063
46	Unk: GISC15-21837 25/11/2015 11:59:28 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.612	-.4759	.0134	.4105	.5919	.2236	-.1193	-.4994	1.107
Desv. Est.	2.612	.1553	.0078	.0581	.0948	.0098	.0047	.0552	.006
% RSD	56.65	32.64	57.89	14.15	16.02	4.370	3.931	11.05	.5583
Rep #1	7.502	-.5642	.0213	.4632	.7015	.2174	-.1188	-.5095	1.100
Rep #2	2.420	-.2966	.0057	.4201	.5380	.2349	-.1243	-.4399	1.109
Rep #3	3.912	-.5669	.0133	.3482	.5364	.2186	-.1149	-.5489	1.111
47	Unk: ESTANDAR DE CHEQUEO 25/11/2015 12:05:58 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	36.81	45.50	39.26	37.67	38.66	38.19	37.96	32.62	47.02

Desv. Est.	2.77	.08	.11	.08	.37	.15	.09	.27	.09
% RSD	7.535	.1691	.2712	.2238	.9487	.3806	.2452	.8257	.1949
Rep #1	37.33	45.58	39.32	37.58	38.30	38.13	38.06	32.32	47.04
Rep #2	39.28	45.42	39.32	37.68	38.65	38.35	37.94	32.82	47.10
Rep #3	33.81	45.51	39.14	37.75	39.03	38.08	37.88	32.74	46.92
48	Unk: GISC15-21838 25/11/2015 12:07:58 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.694	-.4756	.0165	.5154	.7635	.2564	-.1376	-.5901	1.174
Desv. Est.	.516	.0435	.0018	.0291	.1389	.0137	.0082	.1150	.003
% RSD	30.46	9.150	10.77	5.644	18.19	5.332	5.963	19.49	.2839
Rep #1	1.474	-.5232	.0178	.4819	.8634	.2429	-.1356	-.6403	1.170
Rep #2	1.324	-.4379	.0173	.5305	.8221	.2561	-.1466	-.6715	1.177
Rep #3	2.284	-.4658	.0145	.5338	.6049	.2702	-.1305	-.4585	1.175
49	Unk: GISC15-21839 25/11/2015 12:10:08 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4474	-.3179	.0167	.3479	-.2668	.2570	-.1588	-.4523	.6842
Desv. Est.	.6409	.0653	.0029	.0756	.0422	.0140	.0174	.0665	.0063
% RSD	143.2	20.53	17.52	21.74	15.83	5.442	10.96	14.70	.9198
Rep #1	-.1676	-.2442	.0173	.4262	-.2982	.2595	-.1776	-.4278	.6902
Rep #2	1.111	-.3684	.0135	.2753	-.2834	.2420	-.1434	-.4015	.6848
Rep #3	.3985	-.3412	.0193	.3420	-.2188	.2696	-.1553	-.5275	.6777
50	Unk: GISC15-21840 25/11/2015 12:12:14 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.2564	-.6106	.0269	.4527	1.713	.5484	-.1583	-.5057	1.532
Desv. Est.	1.736	.0552	.0039	.0498	.058	.0116	.0407	.2177	.017
% RSD	676.9	9.036	14.35	11.00	3.402	2.108	25.69	43.06	1.089
Rep #1	-.8903	-.5544	.0300	.5102	1.690	.5393	-.1159	-.2961	1.533
Rep #2	-.5939	-.6647	.0281	.4240	1.669	.5614	-.1970	-.4904	1.549
Rep #3	2.254	-.6126	.0226	.4240	1.779	.5445	-.1620	-.7307	1.515
51	Unk: GISC15-21848 25/11/2015 12:14:27 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.628	-.4247	.0263	.4552	-.5268	.2780	-.1524	-.4106	.7779
Desv. Est.	1.349	.2092	.0045	.0838	.0849	.0450	.0068	.0165	.0057
% RSD	51.35	49.25	17.24	18.40	16.11	16.20	4.441	4.009	.7352
Rep #1	-1.403	-.6659	.0255	.4186	-.4570	.2413	-.1476	-.4286	.7747
Rep #2	-4.074	-.3160	.0221	.5511	-.6213	.2644	-.1495	-.3963	.7746
Rep #3	-2.406	-.2923	.0311	.3960	-.5022	.3283	-.1602	-.4068	.7845
52	Unk: GISC15-21849 25/11/2015 12:16:35 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.3408	-.3050	.0146	.5795	.9602	.4804	-.1129	-.4807	1.087
Desv. Est.	1.653	.0542	.0074	.0359	.0647	.0081	.0084	.0974	.004
% RSD	484.9	17.77	50.87	6.198	6.739	1.682	7.418	20.27	.3606

Rep #1	.9181	-.2479	.0167	.6178	.8914	.4819	-.1055	-.4059	1.088
Rep #2	-1.523	-.3113	.0208	.5466	.9693	.4877	-.1220	-.4454	1.083
Rep #3	1.627	-.3558	.0064	.5743	1.020	.4717	-.1110	-.5909	1.091
53	Unk: GISC15-21850 25/11/2015 12:18:43 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.7216	-.5562	.0142	.5667	2.231	.8431	-.1138	-.4629	1.502
Desv. Est.	1.099	.0829	.0049	.0797	.072	.0196	.0182	.1226	.006
% RSD	152.3	14.90	34.87	14.06	3.225	2.326	15.98	26.49	.4272
Rep #1	-.4341	-.5199	.0193	.6556	2.243	.8256	-.1139	-.5589	1.506
Rep #2	.8448	-.6510	.0137	.5016	2.297	.8394	-.0955	-.3248	1.506
Rep #3	1.754	-.4977	.0095	.5431	2.154	.8643	-.1319	-.5051	1.495
54	Unk: GISC15-21851 25/11/2015 12:20:50 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.269	-.5643	.0194	.5067	.8688	.7553	-.1449	-.4477	1.544
Desv. Est.	1.660	.2538	.0062	.1650	.2387	.0198	.0318	.0153	.011
% RSD	73.16	44.97	32.03	32.56	27.48	2.622	21.92	3.428	.7099
Rep #1	-3.615	-.7264	.0207	.6948	1.011	.7780	-.1205	-.4427	1.536
Rep #2	-4.141	-.6947	.0127	.3864	.5932	.7460	-.1333	-.4356	1.540
Rep #3	-2.779	-.2718	.0249	.4390	1.002	.7417	-.1808	-.4650	1.557
55	Unk: GISC15-21852 25/11/2015 12:23:02 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.656	-.6264	.0188	.6499	1.271	.6962	-.1649	-.4327	1.610
Desv. Est.	1.557	.0489	.0067	.1661	.283	.0358	.0073	.2283	.015
% RSD	94.00	7.801	35.82	25.55	22.31	5.138	4.420	52.77	.9030
Rep #1	-.1410	-.6632	.0211	.5572	1.251	.6711	-.1566	-.6958	1.624
Rep #2	2.593	-.6451	.0240	.5509	.9973	.6803	-.1700	-.3149	1.610
Rep #3	2.517	-.5710	.0112	.8416	1.563	.7371	-.1682	-.2873	1.595
56	Unk: GISC15-21861 25/11/2015 12:25:15 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.9558	-.3428	.0139	.1899	.0410	.1517	-.1267	-.5148	.6783
Desv. Est.	3.117	.0472	.0051	.1777	.0439	.0119	.0044	.0779	.0011
% RSD	326.1	13.77	36.70	93.55	107.1	7.864	3.479	15.12	.1618
Rep #1	4.502	-.2908	.0087	.2652	.0319	.1489	-.1257	-.4732	.6780
Rep #2	-.2842	-.3830	.0140	-.0130	.0888	.1649	-.1316	-.6046	.6795
Rep #3	-1.350	-.3544	.0189	.3176	.0023	.1415	-.1230	-.4665	.6774
57	Unk: GISC15-21862 25/11/2015 12:27:26 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.933	-.4723	.0193	.3756	.2317	.5769	-.1658	-.4125	1.016
Desv. Est.	1.439	.0967	.0077	.0248	.1945	.0202	.0345	.0676	.038
% RSD	74.46	20.46	40.05	6.590	83.91	3.502	20.80	16.38	3.721
Rep #1	.6383	-.3725	.0276	.3794	.2141	.5998	-.1675	-.3859	1.056
Rep #2	3.483	-.5655	.0124	.3492	.4344	.5691	-.1305	-.4893	1.012

Rep #3	1.677	-.4791	.0179	.3983	.0467	.5617	-.1995	-.3622	.9811
58	Unk: ESTANDAR DE CHEQUEO 25/11/2015 12:30:11 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	35.75	45.86	39.12	37.44	38.81	38.00	37.72	32.10	47.05
Desv. Est.	1.81	.19	.09	.17	.60	.15	.11	.04	.13
% RSD	5.069	.4197	.2240	.4419	1.535	.4014	.2806	.1101	.2667
Rep #1	37.72	45.89	39.12	37.59	39.06	37.91	37.69	32.13	46.94
Rep #2	34.14	45.66	39.20	37.45	39.24	38.18	37.83	32.06	47.01
Rep #3	35.41	46.04	39.02	37.26	38.13	37.92	37.63	32.10	47.19
59	Unk: GISC15-21863 25/11/2015 12:32:37 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.6594	-.7050	.0121	.5535	.8717	.6613	-.1228	-.5533	.8241
Desv. Est.	1.427	.0383	.0086	.1438	.1984	.0032	.0226	.0557	.0302
% RSD	216.4	5.437	70.77	25.98	22.77	.4894	18.41	10.06	3.666
Rep #1	-.4974	-.6832	.0207	.6769	1.063	.6616	-.0978	-.5356	.8538
Rep #2	2.254	-.7492	.0120	.3956	.8844	.6643	-.1286	-.6157	.8252
Rep #3	.2220	-.6825	.0036	.5878	.6672	.6579	-.1419	-.5086	.7934
60	Unk: GISC15-21863-R 25/11/2015 12:34:59 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.6628	-.8230	.0292	.4228	1.236	.7185	-.1333	-.5332	.8868
Desv. Est.	2.664	.1698	.0040	.0644	.022	.0058	.0241	.0908	.0147
% RSD	401.9	20.63	13.54	15.24	1.797	.8093	18.09	17.03	1.653
Rep #1	.8282	-.9376	.0251	.3500	1.259	.7144	-.1095	-.6308	.9037
Rep #2	.9214	-.6279	.0296	.4457	1.215	.7252	-.1327	-.4513	.8788
Rep #3	-3.738	-.9034	.0330	.4726	1.235	.7159	-.1577	-.5174	.8779
61	Unk: GISC15-21864 25/11/2015 12:37:04 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.375	-.4241	.0211	.5239	.5525	.8151	-.1619	-.3646	1.085
Desv. Est.	3.378	.0377	.0041	.0776	.3827	.0277	.0372	.2693	.046
% RSD	142.2	8.886	19.38	14.82	69.27	3.398	23.01	73.86	4.266
Rep #1	1.867	-.4616	.0258	.6012	.9856	.8450	-.2044	-.4032	1.138
Rep #2	-.7205	-.4245	.0182	.4459	.4118	.8099	-.1350	-.6125	1.068
Rep #3	5.977	-.3862	.0194	.5246	.2600	.7903	-.1462	-.0781	1.050
62	Unk: GISC15-21865 25/11/2015 12:39:21 CONC x100 D MP-151125: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.9547	-.7682	.0144	.3637	4.953	.4798	-.1377	-.3982	4.959
Desv. Est.	3.264	.1677	.0124	.2438	.286	.0303	.0259	.0737	.013
% RSD	341.9	21.83	86.59	67.03	5.772	6.316	18.84	18.50	.2513
Rep #1	3.979	-.9617	.0154	.3886	5.271	.4942	-.1410	-.4794	4.966
Rep #2	-2.506	-.6761	.0263	.5940	4.871	.4450	-.1618	-.3796	4.966
Rep #3	1.391	-.6668	.0014	.1084	4.718	.5003	-.1102	-.3357	4.944

63	Unk: GISC15-21866 25/11/2015 12:40:04 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	-1.044	-0.0557	.0053	.1502	-1.454	.1243	-2.038	-4.053	.1016	
Desv. Est.	1.365	.1345	.0076	.1077	.101	.0160	.0303	.1108	.0318	
% RSD	1308.	241.5	143.9	71.68	6.921	12.87	14.86	27.34	31.28	
Rep #1	1.421	-2.066	-.0024	.0983	-1.461	.1415	-.1756	-.5064	.1364	
Rep #2	-1.210	-.0118	.0127	.0784	-1.350	.1215	-.2358	-.4227	.0942	
Rep #3	-5.240	.0514	.0055	.2741	-1.551	.1099	-.2000	-.2868	.0741	
64	Unk: GISC15-21867 25/11/2015 12:42:11 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.2720	-.5687	.0132	.3854	.7466	.6038	-.1501	-.4596	1.210	
Desv. Est.	1.716	.1841	.0027	.0885	.0777	.0187	.0214	.0537	.045	
% RSD	630.9	32.36	20.38	22.97	10.41	3.105	14.26	11.68	3.694	
Rep #1	.1088	-.7282	.0118	.2845	.7139	.6044	-.1741	-.5017	1.252	
Rep #2	2.064	-.3673	.0115	.4217	.8354	.6223	-.1330	-.4780	1.214	
Rep #3	-1.357	-.6107	.0163	.4500	.6906	.5848	-.1431	-.3991	1.163	
65	Unk: GISC15-21870 25/11/2015 12:44:20 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	1.696	-.2282	.0066	.2690	.1907	.2399	-.2440	-.1808	1.154	
Desv. Est.	1.809	.0217	.0066	.0615	.4546	.0537	.0433	.1478	.157	
% RSD	106.6	9.498	100.1	22.85	238.4	22.38	17.73	81.78	13.56	
Rep #1	.2853	-.2034	.0121	.3322	.5489	.2917	-.2013	-.2102	1.309	
Rep #2	3.736	-.2437	-.0007	.2654	.3441	.2435	-.2877	-.0204	1.157	
Rep #3	1.068	-.2376	.0084	.2094	-.3208	.1845	-.2430	-.3117	.9963	
66	Unk: GISC15-21871 25/11/2015 12:46:31 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.9792	-.4398	.0172	.4102	.4907	.3088	-.1674	-.4156	1.376	
Desv. Est.	2.126	.0357	.0071	.1053	.1703	.0084	.0098	.1209	.029	
% RSD	217.2	8.110	41.38	25.66	34.71	2.708	5.833	29.09	2.121	
Rep #1	1.328	-.4660	.0253	.2940	.5294	.3117	-.1670	-.5453	1.406	
Rep #2	2.910	-.4543	.0125	.4375	.6384	.3154	-.1578	-.3955	1.375	
Rep #3	-1.300	-.3992	.0136	.4991	.3044	.2994	-.1773	-.3061	1.348	
67	Unk: GISC15-21872 25/11/2015 12:48:37 CONC x100 D MP-151125: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	1.558	-.5170	.0208	.3839	-.8307	.4072	-.1399	-.4146	.6898	
Desv. Est.	1.671	.1604	.0045	.1574	.0842	.0032	.0108	.0835	.0551	
% RSD	107.3	31.02	21.85	40.99	10.14	.7947	7.737	20.13	7.987	
Rep #1	3.486	-.4829	.0229	.5283	-.9272	.4103	-.1465	-.3208	.6569	
Rep #2	.6450	-.3764	.0240	.2162	-.7723	.4075	-.1458	-.4806	.6591	
Rep #3	.5418	-.6917	.0156	.4073	-.7925	.4038	-.1274	-.4425	.7534	
68	Unk: GISC15-21873 25/11/2015 12:50:46 CONC x100 D MP-151125: CITRICOS (UNAM):									

	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.177	-.5234	.0154	.1216	-.9233	.1361	-.1917	-.5651	.5087
Desv. Est.	2.305	.1122	.0104	.1278	.1146	.0129	.0527	.0669	.0368
% RSD	195.9	21.45	67.32	105.0	12.41	9.471	27.47	11.83	7.231
Rep #1	1.374	-.3976	.0237	.1681	-.8276	.1265	-.1402	-.6396	.5414
Rep #2	-1.796	-.5589	.0038	-.0229	-.8922	.1507	-.1893	-.5103	.5160
Rep #3	-3.108	-.6135	.0188	.2196	-1.050	.1311	-.2454	-.5454	.4689
69	Unk: GISC15-21874 25/11/2015 12:52:53 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.276	-.2644	.0074	.2520	-1.353	.0992	-.2353	-.2372	.5123
Desv. Est.	3.380	.1725	.0060	.1194	.365	.0055	.0201	.1893	.1168
% RSD	265.0	65.27	81.30	47.36	26.98	5.506	8.521	79.80	22.80
Rep #1	-3.388	-.1425	.0044	.3735	-1.092	.1040	-.2443	-.4136	.4845
Rep #2	2.623	-.1888	.0035	.2478	-1.197	.1003	-.2493	-.2609	.4120
Rep #3	-3.062	-.4618	.0143	.1348	-1.770	.0933	-.2124	-.0372	.6406
70	Unk: GISC15-21875 25/11/2015 12:59:10 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.1421	-.4817	.0136	.4124	-.1609	.2850	-.1745	-.3502	.9561
Desv. Est.	2.091	.1614	.0078	.1978	.4480	.0833	.0312	.1703	.1906
% RSD	1472.	33.52	57.29	47.96	278.5	29.22	17.89	48.63	19.93
Rep #1	-.3308	-.3028	.0109	.2042	-.3270	.2555	-.1889	-.1571	.7411
Rep #2	-2.133	-.5256	.0076	.4351	-.5022	.2205	-.1386	-.4147	1.023
Rep #3	2.037	-.6167	.0225	.5979	.3464	.3790	-.1959	-.4789	1.104
71	Unk: GISC15-21876 25/11/2015 13:01:46 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.5118	-.6517	.0176	.7261	2.164	.6536	-.1602	-.6008	3.735
Desv. Est.	3.050	.2092	.0081	.1347	.088	.0299	.0666	.1664	.041
% RSD	596.0	32.10	45.97	18.55	4.047	4.571	41.59	27.70	1.106
Rep #1	-2.965	-.4523	.0248	.8509	2.177	.6511	-.1086	-.5173	3.693
Rep #2	2.737	-.8695	.0192	.5833	2.244	.6250	-.2354	-.4926	3.736
Rep #3	1.764	-.6332	.0088	.7441	2.070	.6846	-.1366	-.7924	3.776
72	Unk: GISC15-21877 25/11/2015 13:03:56 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.6428	-.4493	.0182	.4656	.2240	.4356	-.1971	-.5893	1.686
Desv. Est.	1.570	.2585	.0048	.1356	.4402	.0573	.0151	.1123	.133
% RSD	244.2	57.52	26.39	29.13	196.5	13.15	7.680	19.05	7.911
Rep #1	1.288	-.2378	.0195	.3394	-.2842	.3697	-.2101	-.5722	1.532
Rep #2	-1.147	-.3727	.0129	.6090	.4889	.4739	-.2007	-.4865	1.773
Rep #3	1.787	-.7374	.0222	.4484	.4671	.4631	-.1805	-.7091	1.752
73	Unk: GISC15-21878 25/11/2015 13:06:06 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.6739	-.4820	.0098	.5341	2.106	.4090	-.1657	-.3716	1.416
Desv. Est.	1.198	.1731	.0044	.1443	.080	.0180	.0203	.1477	.132
% RSD	177.8	35.92	44.80	27.01	3.801	4.411	12.25	39.75	9.340
Rep #1	-.6805	-.2985	.0073	.6979	2.174	.4008	-.1767	-.5267	1.369
Rep #2	1.108	-.5050	.0073	.4786	2.018	.3965	-.1781	-.3557	1.313
Rep #3	1.594	-.6424	.0149	.4258	2.125	.4296	-.1422	-.2325	1.565
74	Unk: GISC15-21879 25/11/2015 13:08:15 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.7705	-.3374	.0129	.3544	.3976	.2824	-.2177	-.2380	.8530
Desv. Est.	2.518	.0680	.0135	.1159	.1758	.0084	.0109	.1194	.0626
% RSD	326.8	20.17	104.9	32.72	44.23	2.991	5.028	50.16	7.339
Rep #1	.7682	-.3201	.0178	.4806	.6002	.2908	-.2119	-.3738	.9114
Rep #2	-1.746	-.4124	-.0024	.3297	.3067	.2825	-.2303	-.1494	.8606
Rep #3	3.289	-.2796	.0232	.2527	.2857	.2739	-.2109	-.1908	.7869
75	Unk: GISC15-21880 25/11/2015 13:10:22 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.130	-.4738	.0155	.1632	.2930	.3311	-.1573	-.4949	.8126
Desv. Est.	2.784	.1004	.0058	.0898	.0455	.0365	.0540	.1176	.0066
% RSD	246.3	21.20	37.38	55.02	15.54	11.01	34.34	23.76	.8174
Rep #1	1.584	-.4238	.0220	.1679	.2476	.3590	-.1091	-.3600	.8132
Rep #2	3.659	-.4081	.0108	.2507	.3387	.3446	-.2157	-.5757	.8189
Rep #3	-1.853	-.5894	.0137	.0712	.2927	.2899	-.1471	-.5490	.8056
76	Unk: GISC15-21881 25/11/2015 13:12:32 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.619	-.7306	.0202	.6486	.4090	.4773	-.1396	-.5825	1.570
Desv. Est.	1.566	.0746	.0047	.1308	.1070	.0084	.0402	.0476	.014
% RSD	96.76	10.21	23.12	20.16	26.15	1.752	28.77	8.168	.8667
Rep #1	3.010	-.7130	.0188	.7498	.4772	.4834	-.0944	-.6075	1.559
Rep #2	1.924	-.6663	.0254	.6950	.2857	.4806	-.1712	-.6123	1.585
Rep #3	-.0777	-.8123	.0164	.5010	.4640	.4677	-.1532	-.5276	1.565
77	Unk: GISC15-21882 25/11/2015 13:14:41 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.105	-.5835	.0140	.5655	-.2642	.3817	-.1573	-.4021	.9867
Desv. Est.	2.220	.1907	.0058	.1025	.1961	.0398	.0410	.3269	.0274
% RSD	200.9	32.67	41.36	18.12	74.22	10.43	26.03	81.31	2.776
Rep #1	-3.648	-.5684	.0205	.5860	-.2118	.4275	-.1112	-.4850	.9693
Rep #2	-.1077	-.4009	.0097	.4544	-.0997	.3550	-.1714	-.0417	.9726
Rep #3	.4418	-.7813	.0117	.6562	-.4811	.3627	-.1894	-.6795	1.018
78	Unk: GISC15-21883 25/11/2015 13:16:49 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.9991	-.6239	.0226	.5016	-.0135	.3689	-.1503	-.4754	.7633

Desv. Est.	1.288	.0448	.0079	.0892	.1662	.0096	.0386	.0633	.0149
% RSD	128.9	7.176	34.92	17.79	1232.	2.599	25.69	13.32	1.955
Rep #1	.7682	-.5887	.0257	.5806	.1020	.3584	-.1156	-.4064	.7603
Rep #2	2.387	-.6087	.0286	.5192	-.2040	.3771	-.1435	-.4891	.7501
Rep #3	-.1576	-.6743	.0137	.4049	.0615	.3713	-.1919	-.5308	.7795
79	Unk: GISC15-21884 25/11/2015 13:18:56 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.843	-.5060	.0224	.4857	.9983	.4360	-.1374	-.4823	1.287
Desv. Est.	2.032	.0383	.0039	.1355	.7824	.0507	.0587	.0749	.234
% RSD	110.3	7.577	17.25	27.91	78.37	11.64	42.75	15.53	18.20
Rep #1	2.627	-.4723	.0241	.6178	.0958	.3783	-.1946	-.4848	1.017
Rep #2	3.366	-.4978	.0251	.4923	1.485	.4739	-.1403	-.5559	1.411
Rep #3	-.4640	-.5477	.0180	.3470	1.415	.4558	-.0772	-.4061	1.433
80	Unk: GISC15-21885 25/11/2015 13:23:24 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4718	-.5550	.0221	.4997	.3106	.3160	-.1320	-.6510	4.095
Desv. Est.	1.317	.0783	.0045	.1197	.2360	.0053	.0160	.2012	.044
% RSD	279.0	14.11	20.37	23.94	75.96	1.684	12.15	30.90	1.068
Rep #1	.5684	-.6389	.0248	.4615	.0779	.3191	-.1238	-.8712	4.051
Rep #2	1.737	-.5421	.0247	.4038	.5496	.3191	-.1217	-.6050	4.094
Rep #3	-.8903	-.4839	.0169	.6338	.3044	.3098	-.1505	-.4769	4.138
81	Unk: GISC15-21885-R 25/11/2015 13:25:31 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.1188	-.5826	.0114	.4251	.2629	.3035	-.1346	-.5242	4.138
Desv. Est.	.9020	.0826	.0012	.1303	.1939	.0285	.0050	.0558	.013
% RSD	759.4	14.18	10.61	30.64	73.76	9.405	3.741	10.65	.3099
Rep #1	-.9070	-.4947	.0123	.3560	.2421	.2794	-.1289	-.4881	4.140
Rep #2	.7882	-.6586	.0100	.5753	.4663	.2960	-.1364	-.5885	4.149
Rep #3	.4751	-.5947	.0118	.3439	.0802	.3350	-.1385	-.4960	4.124
82	Unk: GISC15-21903 25/11/2015 13:27:50 CONC D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.3136	.3385	-.0223	-.0208	-3.256	-.0886	-.3740	.4158	-.1976
Desv. Est.	.0095	.0023	.0001	.0015	.003	.0010	.0006	.0018	.0067
% RSD	3.044	.6878	.5705	7.419	.0939	1.127	.1600	.4437	3.403
Rep #1	-.3167	.3411	-.0224	-.0213	-3.259	-.0895	-.3745	.4163	-.2040
Rep #2	-.3029	.3369	-.0224	-.0220	-3.256	-.0887	-.3742	.4137	-.1983
Rep #3	-.3212	.3374	-.0222	-.0191	-3.253	-.0875	-.3734	.4173	-.1906
83	Unk: GISC15-21904 25/11/2015 13:30:08 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.259	-.4983	.0142	.2168	1.093	.7038	-.1399	-.4871	1.780
Desv. Est.	3.014	.2298	.0049	.1181	.467	.1152	.0361	.0521	.192
% RSD	239.4	46.12	34.72	54.45	42.72	16.37	25.77	10.70	10.78

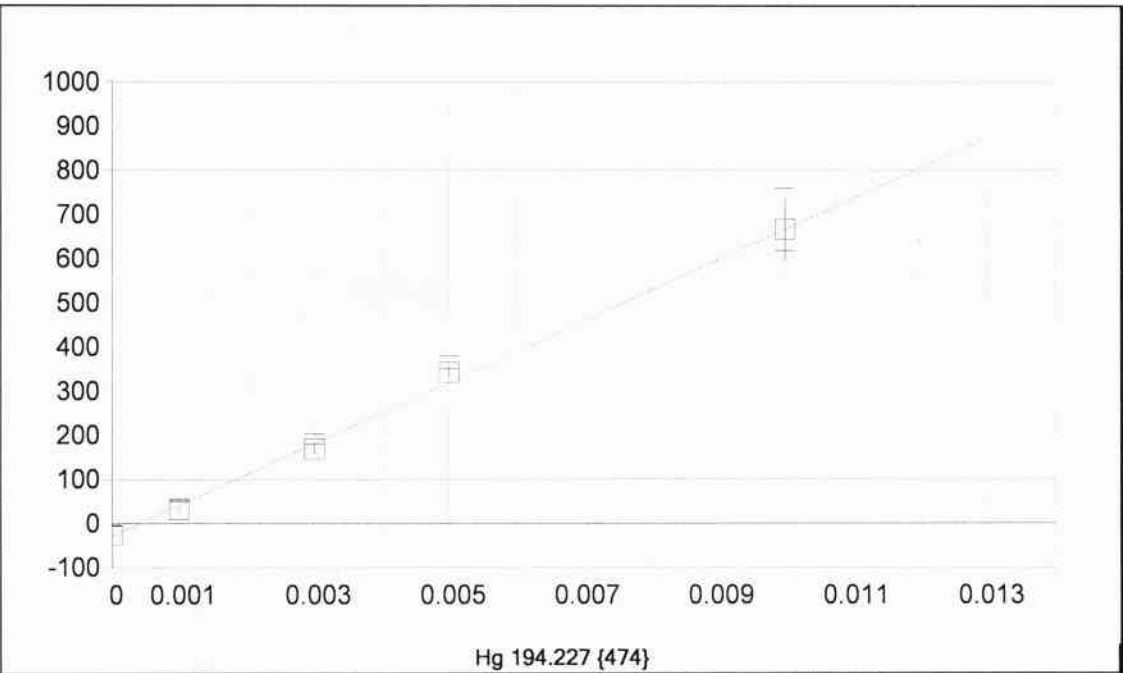
Rep #1	2.510	-.2641	.0174	.3517	.9817	.6594	-.1770	-.5069	1.598
Rep #2	3.446	-.5073	.0085	.1320	.6921	.6173	-.1050	-.4279	1.763
Rep #3	-2.179	-.7235	.0166	.1669	1.606	.8345	-.1375	-.5264	1.980
84	Unk: GISC15-21905 25/11/2015 13:32:17 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.3941	-.5588	.0161	.3564	.6449	.7327	-.1554	-.3820	.9665
Desv. Est.	1.161	.2525	.0107	.1639	.1099	.0451	.0241	.0360	.0193
% RSD	294.6	45.18	66.61	45.99	17.04	6.153	15.53	9.414	1.996
Rep #1	1.175	-.7025	.0091	.4410	.7715	.7848	-.1721	-.3627	.9884
Rep #2	.9481	-.2672	.0284	.4607	.5886	.7049	-.1664	-.3597	.9594
Rep #3	-.9403	-.7065	.0108	.1675	.5746	.7086	-.1277	-.4234	.9518
85	Unk: GISC15-21906 25/11/2015 13:34:23 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.918	-.6834	.0252	.2021	5.075	1.089	-.1319	-.4625	3.325
Desv. Est.	2.585	.0953	.0025	.2818	.160	.040	.0277	.0082	.101
% RSD	134.8	13.95	9.915	139.5	3.146	3.695	20.98	1.773	3.031
Rep #1	.7516	-.7924	.0281	.4172	5.136	1.110	-.1007	-.4666	3.398
Rep #2	4.881	-.6421	.0238	-.1169	5.195	1.114	-.1536	-.4530	3.368
Rep #3	.1221	-.6158	.0237	.3059	4.894	1.042	-.1413	-.4678	3.210
86	Unk: GISC15-21907 25/11/2015 13:36:35 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.272	-.1996	.0079	.0437	2.570	.5625	-.2434	-.2326	1.482
Desv. Est.	1.033	.1244	.0026	.0745	.633	.0506	.0350	.0335	.054
% RSD	81.16	62.33	33.23	170.3	24.62	8.988	14.38	14.42	3.653
Rep #1	.6317	-.2684	.0050	.1047	3.173	.5872	-.2588	-.2103	1.540
Rep #2	2.463	-.2743	.0085	.0658	2.625	.5958	-.2034	-.2712	1.472
Rep #3	.7216	-.0560	.0101	-.0393	1.911	.5043	-.2681	-.2164	1.433
87	Unk: GISC15-21908 25/11/2015 13:38:44 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.0078	-.4913	.0204	.1953	2.121	1.074	-.1610	-.4691	4.413
Desv. Est.	2.516	.1117	.0012	.0770	.385	.113	.0251	.1153	.084
% RSD	32370.	22.73	5.819	39.40	18.16	10.47	15.60	24.57	1.912
Rep #1	-.2809	-.5781	.0190	.1447	1.677	.9500	-.1366	-.3408	4.316
Rep #2	2.633	-.3653	.0213	.1574	2.361	1.169	-.1867	-.5638	4.456
Rep #3	-2.376	-.5304	.0208	.2839	2.326	1.103	-.1595	-.5028	4.467
88	Unk: GISC15-21920 25/11/2015 13:40:51 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.137	-.2559	.0125	.2836	-.4129	.3234	-.2682	-.1899	.9080
Desv. Est.	1.214	.1558	.0076	.1323	.6557	.0883	.0528	.0253	.1422
% RSD	106.8	60.89	60.92	46.64	158.8	27.32	19.69	13.33	15.66
Rep #1	2.127	-.2001	.0196	.3737	.2585	.4042	-.2268	-.1772	.9188
Rep #2	-.2176	-.1357	.0044	.1318	-.4453	.3369	-.3276	-.1734	.7607

Rep #3	1.501	-.4320	.0135	.3455	-1.052	.2291	-.2500	-.2190	1.045
89	Unk: GISC15-21921 25/11/2015 13:42:59 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.365	-.3163	.0129	.4687	5.586	.4090	-.1896	-.2639	.8137
Desv. Est.	2.973	.1735	.0050	.1097	1.255	.0652	.0783	.1211	.2016
% RSD	217.7	54.84	38.30	23.40	22.47	15.94	41.32	45.88	24.77
Rep #1	2.067	-.2689	.0073	.5385	4.138	.3338	-.2795	-.1241	.6211
Rep #2	-3.098	-.5085	.0152	.3422	6.272	.4432	-.1526	-.3320	.7969
Rep #3	-3.065	-.1714	.0164	.5252	6.350	.4499	-.1366	-.3357	1.023
90	Unk: GISC15-21922 25/11/2015 13:44:21 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.463	.5356	-.0151	-.3192	-3.579	-.0733	-.4291	.5308	-.5778
Desv. Est.	1.676	.1692	.0019	.0874	.155	.0152	.0803	.0988	.0089
% RSD	68.02	31.59	12.79	27.39	4.332	20.77	18.72	18.61	1.537
Rep #1	4.295	.5614	-.0143	-.2929	-3.527	-.0625	-.4991	.6424	-.5687
Rep #2	1.008	.3550	-.0138	-.2479	-3.457	-.0907	-.4468	.4952	-.5864
Rep #3	2.087	.6905	-.0174	-.4167	-3.753	-.0668	-.3414	.4547	-.5782
91	Unk: GISC15-21940 25/11/2015 13:48:00 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.6306	-.4187	-.0700	.3956	-.6420	.5980	-.0937	.3772	.4630
Desv. Est.	2.497	.0575	.0077	.0584	.1400	.0148	.0317	.0832	.0105
% RSD	396.0	13.74	10.95	14.76	21.80	2.469	33.84	22.06	2.264
Rep #1	2.247	-.4631	-.0635	.4215	-.5068	.5875	-.1287	.4531	.4509
Rep #2	-2.226	-.4392	-.0679	.3287	-.6329	.5915	-.0670	.3901	.4680
Rep #3	-1.913	-.3537	-.0784	.4365	-.7863	.6149	-.0852	.2882	.4699
92	Unk: GISC15-21941 25/11/2015 13:50:22 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.8681	-.3880	-.0609	.5735	.6758	.9234	.0537	.4100	2.255
Desv. Est.	2.977	.1943	.0087	.0900	.1537	.0101	.0454	.1360	.003
% RSD	342.9	50.07	14.27	15.69	22.75	1.095	84.51	33.18	.1501
Rep #1	2.637	-.2461	-.0513	.4817	.5893	.9162	.1015	.2800	2.257
Rep #2	-2.569	-.3085	-.0630	.5772	.5847	.9190	.0487	.3987	2.257
Rep #3	2.537	-.6095	-.0683	.6615	.8533	.9350	.0111	.5513	2.251
93	Unk: GISC15-21947 25/11/2015 13:52:34 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.463	-.5853	-.0745	.5212	8.406	1.116	.0488	.4170	2.129
Desv. Est.	.211	.0657	.0041	.1412	.315	.018	.0261	.0363	.032
% RSD	8.547	11.23	5.479	27.09	3.743	1.637	53.57	8.712	1.478
Rep #1	2.587	-.5096	-.0788	.5552	8.365	1.136	.0487	.4260	2.156
Rep #2	2.220	-.6285	-.0739	.6422	8.740	1.100	.0227	.3770	2.138
Rep #3	2.583	-.6178	-.0707	.3661	8.115	1.112	.0749	.4480	2.094

94	Unk: GISC15-21948 25/11/2015 13:54:52 CONC x100 D MP-151125: CITRICOS (UNAM)::									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.3064	-.3608	-.0605	.3567	-1.101	.4902	-.0959	.4631	.5344	
Desv. Est.	2.794	.0551	.0050	.1445	.190	.0330	.0508	.1564	.0198	
% RSD	911.8	15.28	8.228	40.50	17.22	6.729	52.96	33.77	3.709	
Rep #1	-2.589	-.3680	-.0555	.5231	-.8891	.4754	-.0427	.5599	.5533	
Rep #2	.5218	-.4119	-.0654	.2630	-1.254	.5279	-.1010	.5466	.5360	
Rep #3	2.986	-.3024	-.0605	.2841	-1.160	.4671	-.1439	.2827	.5138	
95	Unk: GISC15-21949 25/11/2015 13:56:18 CONC x100 D MP-151125: CITRICOS (UNAM)::									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.5240	-.4248	-.0612	.4254	.4692	.6631	-.0513	.4196	1.622	
Desv. Est.	1.343	.2515	.0060	.1881	.0858	.0196	.0292	.1348	.039	
% RSD	256.4	59.21	9.775	44.21	18.28	2.960	56.86	32.14	2.410	
Rep #1	-1.979	-.6168	-.0543	.3905	.5006	.6785	-.0468	.4203	1.657	
Rep #2	-.2609	-.5175	-.0642	.2572	.5349	.6699	-.0825	.5540	1.629	
Rep #3	.6683	-.1401	-.0651	.6285	.3721	.6410	-.0247	.2844	1.580	
96	Unk: GISC15-21950 25/11/2015 13:58:58 CONC x100 D MP-151125: CITRICOS (UNAM)::									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.837	-.5255	-.0719	.4424	.7417	.7498	.0197	.3074	1.711	
Desv. Est.	1.563	.0185	.0063	.0868	.1019	.0288	.0237	.0268	.008	
% RSD	85.08	3.527	8.822	19.61	13.73	3.835	120.2	8.710	.4911	
Rep #1	1.947	-.5292	-.0704	.5348	.6594	.7175	.0000	.3352	1.702	
Rep #2	3.343	-.5054	-.0788	.3628	.7100	.7596	.0461	.3053	1.713	
Rep #3	.2220	-.5419	-.0664	.4295	.8556	.7725	.0131	.2817	1.718	
97	Unk: GISC15-21951 25/11/2015 14:01:07 CONC x100 D MP-151125: CITRICOS (UNAM)::									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.300	-.6335	-.0684	.3761	7.913	.7061	.0131	.3749	1.290	
Desv. Est.	.226	.0213	.0094	.1093	.060	.0206	.0607	.1445	.014	
% RSD	17.41	3.367	13.79	29.06	.7633	2.915	464.4	38.54	1.094	
Rep #1	1.551	-.6574	-.0649	.2531	7.965	.7199	-.0328	.5016	1.298	
Rep #2	1.111	-.6264	-.0791	.4129	7.847	.6825	.0819	.4054	1.298	
Rep #3	1.238	-.6166	-.0613	.4622	7.927	.7159	-.0099	.2176	1.274	
98	Unk: GISC15-21952 25/11/2015 14:03:14 CONC x100 D MP-151125: CITRICOS (UNAM)::									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.390	-.1282	-.0560	.1988	.7456	.3899	-.1432	.5120	.5378	
Desv. Est.	1.834	.1462	.0036	.0655	.3475	.0359	.0194	.0427	.0763	
% RSD	131.9	114.0	6.426	32.93	46.61	9.215	13.53	8.335	14.19	
Rep #1	.0122	-.0325	-.0571	.2544	1.053	.4290	-.1258	.4805	.6157	
Rep #2	-3.465	-.0556	-.0520	.2155	.8159	.3823	-.1398	.4949	.5344	
Rep #3	-.7172	-.2964	-.0589	.1266	.3682	.3584	-.1641	.5605	.4632	
99	Unk: GISC15-21953 25/11/2015 14:05:24 CONC x100 D MP-151125: CITRICOS (UNAM)::									

	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.720	-.3355	-.0680	.2955	3.282	.6656	-.0380	.3735	.8383
Desv. Est.	2.744	.0371	.0009	.0709	.175	.0323	.0242	.0896	.0280
% RSD	100.9	11.05	1.398	23.99	5.348	4.849	63.72	23.98	3.339
Rep #1	-.1210	-.3103	-.0681	.3650	3.163	.6339	-.0488	.3916	.8706
Rep #2	-2.449	-.3182	-.0669	.2981	3.198	.6643	-.0549	.2763	.8219
Rep #3	-5.590	-.3781	-.0688	.2233	3.483	.6984	-.0103	.4527	.8224
100	Unk: GISC15-21967 25/11/2015 14:07:34 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.2731	-.3373	-.0610	.6039	-.9418	1.154	-.1374	.3994	.4382
Desv. Est.	1.769	.1488	.0025	.1095	.0844	.055	.0239	.0255	.0292
% RSD	647.8	44.12	4.021	18.13	8.961	4.735	17.37	6.377	6.670
Rep #1	-2.316	-.5044	-.0638	.7051	-1.039	1.186	-.1378	.3925	.4656
Rep #2	.7249	-.2889	-.0592	.6190	-.9031	1.185	-.1133	.4277	.4415
Rep #3	.7716	-.2187	-.0599	.4876	-.8836	1.091	-.1611	.3782	.4074
101	Unk: GISC15-21968 25/11/2015 14:15:07 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.2564	-.7872	-.0720	1.341	2.022	2.736	-.0559	.2745	1.890
Desv. Est.	3.259	.0506	.0057	.066	.115	.023	.0237	.1590	.033
% RSD	1271.	6.423	7.867	4.928	5.661	.8470	42.36	57.91	1.743
Rep #1	4.019	-.7885	-.0769	1.266	2.124	2.757	-.0290	.4064	1.922
Rep #2	-1.670	-.8370	-.0658	1.393	2.044	2.740	-.0738	.0980	1.893
Rep #3	-1.580	-.7360	-.0732	1.362	1.898	2.711	-.0648	.3191	1.856
102	Unk: GISC15-21968-R 25/11/2015 14:17:16 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.3142	-.7741	-.0706	1.130	1.536	2.538	-.0446	.3968	1.772
Desv. Est.	.3689	.0551	.0061	.041	.140	.087	.0526	.0903	.042
% RSD	117.4	7.120	8.631	3.639	9.118	3.441	118.0	22.75	2.392
Rep #1	-.0044	-.7351	-.0663	1.101	1.619	2.523	-.0507	.3264	1.761
Rep #2	.7183	-.8372	-.0776	1.112	1.374	2.460	-.0938	.4985	1.820
Rep #3	.2287	-.7501	-.0680	1.177	1.615	2.632	.0108	.3654	1.737
103	Unk: GISC15-21969 25/11/2015 14:19:34 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0822	-.3325	-.0580	.2280	-2.106	.3009	-.1466	.4118	.6425
Desv. Est.	1.645	.2255	.0126	.0895	.217	.0780	.0764	.0574	.2709
% RSD	2002.	67.80	21.77	39.27	10.29	25.91	52.12	13.94	42.17
Rep #1	1.511	-.1892	-.0542	.2283	-2.049	.2874	-.1576	.3490	.5197
Rep #2	-1.716	-.2160	-.0478	.3174	-2.345	.2306	-.2169	.4249	.4547
Rep #3	.4518	-.5924	-.0722	.1383	-1.923	.3848	-.0653	.4616	.9530
104	Unk: GISC15-21970 25/11/2015 14:21:48 CONC x100 D MP-151125: CITRICOS (UNAM)::								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.8337	-.3391	-.0593	.0632	-.8393	.5438	-.0921	.4494	.2998
Desv. Est.	1.891	.0936	.0036	.0773	.1285	.0038	.0263	.0830	.0135
% RSD	226.8	27.61	6.134	122.2	15.31	.7063	28.53	18.48	4.497
Rep #1	.4718	-.3401	-.0551	-.0161	-.7240	.5476	-.0784	.5315	.3083
Rep #2	-3.002	-.4322	-.0612	.0675	-.8159	.5439	-.1224	.4512	.3069
Rep #3	.0289	-.2450	-.0616	.1383	-.9778	.5399	-.0755	.3654	.2843



Hg 194.227 {474}

Fecha de la	25/11/2015 16:52:43	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	-27.621788	Reajustar P	1.000000		
A1 (Ganancia)	69386.08945	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.998469	Estatus:	OK.		
Error Estándar de Est:	0.683177				
MDL:	0.000030				
MQL:	0.000099				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	-27.611	.838	1
STD 1	.00100	.00084	-.000	-16.1	30.614	2.65	1
STD 2	.00300	.00283	-.000	-5.82	168.42	10.6	1
STD 3	.00500	.00533	.000	6.67	342.45	14.5	1
STD 4	.01000	.01000	.000	.018	666.37	70.5	1

1	Cal: Blanco 25/11/2015 16:42:49 IR D Hg-151125: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	-27.61
Desv. Est.	.84
% RSD	3.035
Rep #1	-26.99
Rep #2	-28.56
Rep #3	-27.29
2	Cal: STD 1 25/11/2015 16:44:14 IR D Hg-151125: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	30.61
Desv. Est.	2.65
% RSD	8.654
Rep #1	27.68
Rep #2	31.34
Rep #3	32.82
3	Cal: STD 2 25/11/2015 16:45:29 IR D Hg-151125: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	168.4
Desv. Est.	10.6
% RSD	6.315
Rep #1	156.5
Rep #2	171.7
Rep #3	177.0
4	Cal: STD 3 25/11/2015 16:46:45 IR D Hg-151125: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	342.4
Desv. Est.	14.5
% RSD	4.243
Rep #1	326.2
Rep #2	346.8
Rep #3	354.3
5	Cal: STD 4 25/11/2015 16:51:33 IR D Hg-151125: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	666.4
Desv. Est.	70.5
% RSD	10.57
Rep #1	586.5
Rep #2	693.0
Rep #3	719.7
6	Blanco: REACTIVO 25/11/2015 16:53:57 CONC D Hg-151125: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0006
Desv. Est.	.0001

% RSD	10.38
Rep #1	.0006
Rep #2	.0006
Rep #3	.0005
7	Blanco: MUESTRA 25/11/2015 16:55:20 CONC x100 D Hg-151125: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0297
Desv. Est.	.0038
% RSD	12.72
Rep #1	.0340
Rep #2	.0284
Rep #3	.0269
8	Unk: RECUPERACION 25/11/2015 16:56:50 CONC x100 D Hg-151125: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4815
Desv. Est.	.0056
% RSD	1.155
Rep #1	.4804
Rep #2	.4765
Rep #3	.4875
9	Unk: GISC15-21746 25/11/2015 16:58:11 CONC x100 D Hg-151125: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0363
Desv. Est.	.0033
% RSD	9.013
Rep #1	-.0332
Rep #2	-.0359
Rep #3	-.0397
10	Unk: GISC15-21746-R 25/11/2015 16:59:33 CONC x100 D Hg-151125: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0347
Desv. Est.	.0032
% RSD	9.125
Rep #1	-.0380
Rep #2	-.0344
Rep #3	-.0317
11	Unk: GISC15-21747 25/11/2015 17:02:36 CONC x100 D Hg-151125: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0046
Desv. Est.	.0713
% RSD	1538.
Rep #1	-.0418

Rep #2	-0310
Rep #3	.0867
12	Unk: GISC15-21748 25/11/2015 17:03:54 CONC x100 Date: 15/11/2015 17:03:54 (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0298
Desv. Est.	.1017
% RSD	341.2
Rep #1	.1472
Rep #2	-.0267
Rep #3	-.0311
13	Unk: GISC15-21780 25/11/2015 17:05:14 CONC x100 Date: 15/11/2015 17:05:14 (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0433
Desv. Est.	.0006
% RSD	1.491
Rep #1	-.0440
Rep #2	-.0432
Rep #3	-.0427
14	Unk: GISC15-21781 25/11/2015 17:06:35 CONC x100 Date: 15/11/2015 17:06:35 (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0449
Desv. Est.	.0011
% RSD	2.369
Rep #1	-.0437
Rep #2	-.0456
Rep #3	-.0454
15	Unk: GISC15-21782 25/11/2015 17:07:49 CONC x100 Date: 15/11/2015 17:07:49 (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0362
Desv. Est.	.0040
% RSD	11.06
Rep #1	-.0322
Rep #2	-.0360
Rep #3	-.0402
16	Unk: GISC15-21783 25/11/2015 17:09:06 CONC x100 Date: 15/11/2015 17:09:06 (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0433
Desv. Est.	.0010
% RSD	2.229
Rep #1	-.0423
Rep #2	-.0433
Rep #3	-.0442

17	Unk: GISC15-21784 25/11/2015 17:10:22 CONC x100 FILE 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0361
Desv. Est.	.0044
% RSD	12.07
Rep #1	-.0390
Rep #2	-.0381
Rep #3	-.0311
18	Unk: GISC15-21785 25/11/2015 17:11:36 CONC x100 FILE 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0366
Desv. Est.	.0054
% RSD	14.75
Rep #1	-.0309
Rep #2	-.0373
Rep #3	-.0416
19	Unk: GISC15-21787 25/11/2015 17:12:52 CONC x100 FILE 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0263
Desv. Est.	.0100
% RSD	38.14
Rep #1	-.0151
Rep #2	-.0346
Rep #3	-.0291
20	Unk: ESTANDAR DE CHEQUEO 25/11/2015 17:15:45 CONC x100 FILE 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4953
Desv. Est.	.0016
% RSD	.3163
Rep #1	.4970
Rep #2	.4939
Rep #3	.4949
21	Unk: GISC15-21799 25/11/2015 17:16:24 CONC x100 FILE 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0403
Desv. Est.	.0092
% RSD	22.80
Rep #1	-.0297
Rep #2	-.0453
Rep #3	-.0459
22	Unk: GISC15-21800 25/11/2015 17:17:38 CONC x100 FILE 151105 CITRIGOS (UNAM)

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.180
Desv. Est.	.0268
% RSD	149.3
Rep #1	.0125
Rep #2	-.0283
Rep #3	-.0382
23	Unk: GISC15-21801 25/11/2015 17:18:51 CONC x100 DATE: 15/11/2015 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0406
Desv. Est.	.0025
% RSD	6.175
Rep #1	-.0400
Rep #2	-.0434
Rep #3	-.0385
24	Unk: GISC15-21802 25/11/2015 17:20:05 CONC x100 DATE: 15/11/2015 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0454
Desv. Est.	.0038
% RSD	8.404
Rep #1	-.0441
Rep #2	-.0497
Rep #3	-.0424
25	Unk: GISC15-21803 25/11/2015 17:21:28 CONC x100 DATE: 15/11/2015 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0227
Desv. Est.	.0213
% RSD	93.64
Rep #1	-.0330
Rep #2	-.0369
Rep #3	.0017
26	Unk: GISC15-21804 25/11/2015 17:22:42 CONC x100 DATE: 15/11/2015 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0361
Desv. Est.	.0016
% RSD	4.513
Rep #1	-.0342
Rep #2	-.0367
Rep #3	-.0373
27	Unk: GISC15-21809 25/11/2015 17:23:57 CONC x100 DATE: 15/11/2015 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47

Unidades	mg/kg
Media	-.0238
Desv. Est.	.0311
% RSD	130.7
Rep #1	.0121
Rep #2	-.0414
Rep #3	-.0421
28	Unk: GISC15-21810 25/11/2015 17:25:12 CONC x100 D.H. 151125: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0349
Desv. Est.	.0085
% RSD	24.35
Rep #1	-.0393
Rep #2	-.0404
Rep #3	-.0251
29	Unk: GISC15-21811 25/11/2015 17:26:30 CONC x100 D.H. 151125: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0293
Desv. Est.	.0179
% RSD	60.93
Rep #1	-.0432
Rep #2	-.0092
Rep #3	-.0356
30	Unk: GISC15-21812 25/11/2015 17:27:45 CONC x100 D.H. 151125: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0202
Desv. Est.	.0269
% RSD	133.3
Rep #1	-.0427
Rep #2	.0096
Rep #3	-.0275
31	Unk: ESTANDAR DE CHEQUEO 25/11/2015 17:30:10 CONC x100 D.H. 151125: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4909
Desv. Est.	.0065
% RSD	1.324
Rep #1	.4947
Rep #2	.4834
Rep #3	.4946
32	Unk: GISC15-21813 25/11/2015 17:31:15 CONC x100 D.H. 151125: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0452

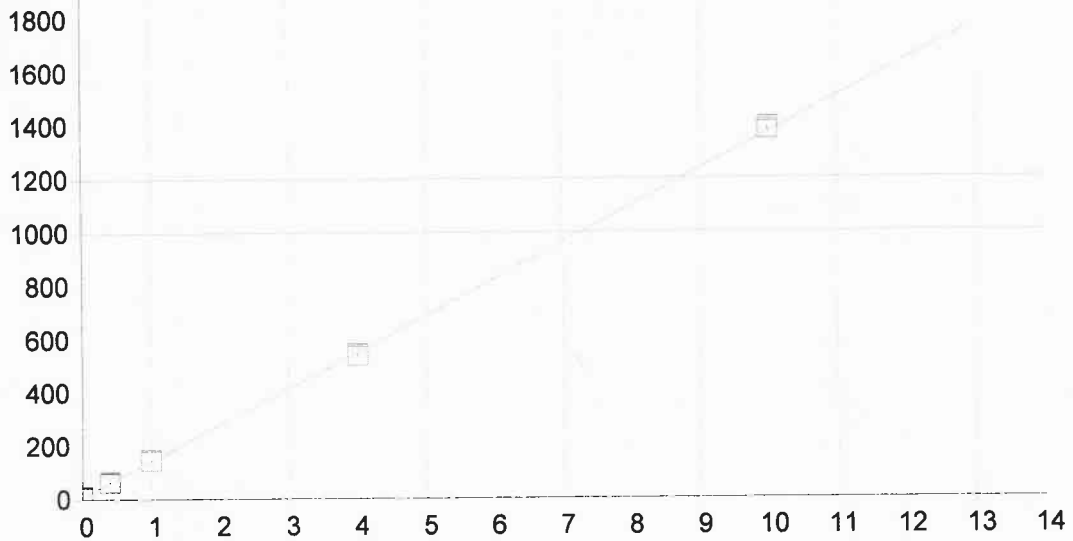
Desv. Est.	.0010
% RSD	2.235
Rep #1	-.0445
Rep #2	-.0463
Rep #3	-.0447
33	Unk: GISC15-21813-R 25/11/2015 17:32:33 CONC x100 D.H. 151125: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0397
Desv. Est.	.0058
% RSD	14.68
Rep #1	-.0461
Rep #2	-.0385
Rep #3	-.0346
34	Unk: GISC15-21814 25/11/2015 17:33:53 CONC x100 D.H. 151125: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0273
Desv. Est.	.0181
% RSD	66.25
Rep #1	-.0081
Rep #2	-.0299
Rep #3	-.0439
35	Unk: GISC15-21817 25/11/2015 17:35:17 CONC x100 D.H. 151125: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0362
Desv. Est.	.0069
% RSD	19.03
Rep #1	-.0401
Rep #2	-.0283
Rep #3	-.0404
36	Unk: GISC15-21818 25/11/2015 17:36:53 CONC x100 D.H. 151125: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0436
Desv. Est.	.0059
% RSD	13.61
Rep #1	-.0374
Rep #2	-.0439
Rep #3	-.0493
37	Unk: GISC15-21819 25/11/2015 17:38:12 CONC x100 D.H. 151125: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0435
Desv. Est.	.0010
% RSD	2.278

Rep #1	-0436
Rep #2	-0424
Rep #3	-0444
38	Unk: GISC15-21825 25/11/2015 17:39:30 CONC x100 DATE: 151125 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0414
Desv. Est.	.0102
% RSD	24.51
Rep #1	-0299
Rep #2	-0457
Rep #3	-0488
39	Unk: GISC15-21826 25/11/2015 17:40:43 CONC x100 DATE: 151125 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0550
Desv. Est.	.0013
% RSD	2.362
Rep #1	-0537
Rep #2	-0563
Rep #3	-0550
40	Unk: GISC15-21827 25/11/2015 17:41:58 CONC x100 DATE: 151125 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0443
Desv. Est.	.0011
% RSD	2.565
Rep #1	-0430
Rep #2	-0446
Rep #3	-0452
41	Unk: GISC15-21833 25/11/2015 17:43:15 CONC x100 DATE: 151125 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0443
Desv. Est.	.0040
% RSD	9.054
Rep #1	-0454
Rep #2	-0399
Rep #3	-0477
42	Unk: GISC15-21837 25/11/2015 17:44:50 CONC x100 DATE: 151125 CITRUSOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0456
Desv. Est.	.0015
% RSD	3.224
Rep #1	-0442
Rep #2	-0456

Rep #3	-0472
43	Unk: ESTANDAR DE CHEQUEO 25/11/2015 18:01:39 CONC x100 DATE: 151125 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4810
Desv. Est.	.0066
% RSD	1.362
Rep #1	.4876
Rep #2	.4745
Rep #3	.4809
44	Unk: GISC15-21838 25/11/2015 18:03:09 CONC x100 DATE: 151125 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0494
Desv. Est.	.0009
% RSD	1.852
Rep #1	-.0485
Rep #2	-.0503
Rep #3	-.0494
45	Unk: GISC15-21839 25/11/2015 18:04:28 CONC x100 DATE: 151125 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0442
Desv. Est.	.0038
% RSD	8.592
Rep #1	-.0455
Rep #2	-.0472
Rep #3	-.0399
46	Unk: GISC15-21840 25/11/2015 18:05:43 CONC x100 DATE: 151125 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0482
Desv. Est.	.0039
% RSD	8.011
Rep #1	-.0468
Rep #2	-.0452
Rep #3	-.0526
47	Unk: GISC15-21848 25/11/2015 18:07:08 CONC x100 DATE: 151125 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0491
Desv. Est.	.0015
% RSD	3.059
Rep #1	-.0485
Rep #2	-.0481
Rep #3	-.0508

48	Unk: GISC15-21849 25/11/2015 18:08:28 CONC x100 D.H. 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0458
Desv. Est.	.0011
% RSD	2.499
Rep #1	-0455
Rep #2	-0449
Rep #3	-0471
49	Unk: GISC15-21850 25/11/2015 18:09:41 CONC x100 D.H. 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0457
Desv. Est.	.0025
% RSD	5.447
Rep #1	-0429
Rep #2	-0475
Rep #3	-0469
50	Unk: GISC15-21851 25/11/2015 18:10:55 CONC x100 D.H. 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0497
Desv. Est.	.0043
% RSD	8.703
Rep #1	-0471
Rep #2	-0473
Rep #3	-0547
51	Unk: GISC15-21852 25/11/2015 18:12:08 CONC x100 D.H. 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0486
Desv. Est.	.0027
% RSD	5.621
Rep #1	-0488
Rep #2	-0457
Rep #3	-0512
52	Unk: GISC15-21861 25/11/2015 18:13:30 CONC x100 D.H. 151105 CITRIGOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0313
Desv. Est.	.0159
% RSD	50.79
Rep #1	-0496
Rep #2	-0231
Rep #3	-0211
53	Unk: GISC15-21862 25/11/2015 18:14:44 CONC x100 D.H. 151105 CITRIGOS (UNAM)

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0212
Desv. Est.	.0015
% RSD	6.943
Rep #1	-.0225
Rep #2	-.0196
Rep #3	-.0214

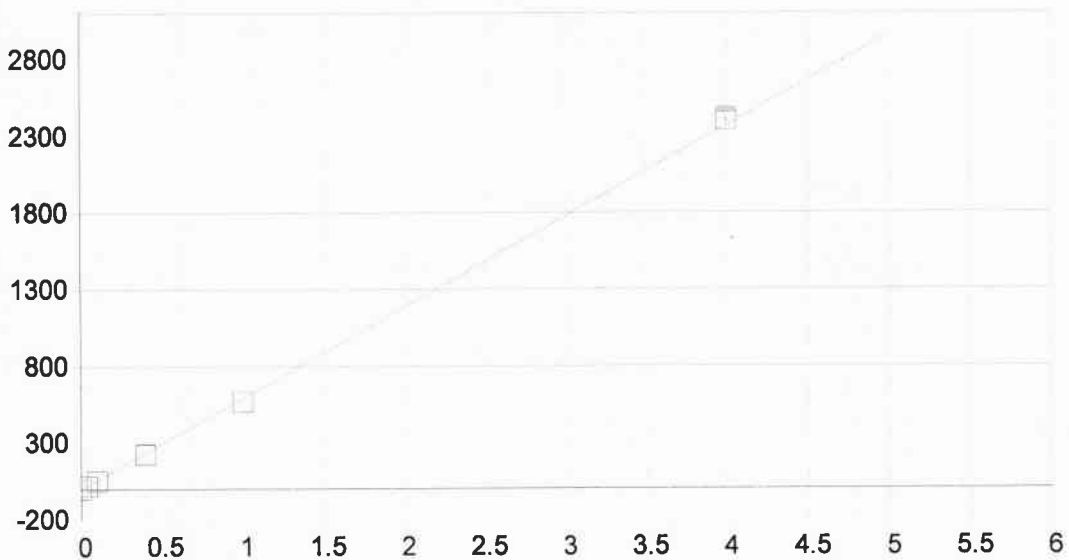


AI 308.215 {109}

Fecha de la 26/11/2015 18:11:07 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 7.848745 Reajustar P 1.000000
 A1 (Ganancia) 136.322536 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999904 Estatus: OK.
 Error Estándar de Est: 0.191277
 MDL: 0.029853
 MQL: 0.099508

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	7.8483	2.56	1
STD 5	.40000	.40860	.009	2.15	63.550	3.11	1
STD 6	1.0000	1.0007	.001	.072	144.27	3.66	1
STD 7	4.0000	3.9084	-.092	-2.29	540.66	6.95	1
STD 8	10.000	10.082	.082	.822	1382.3	8.54	1

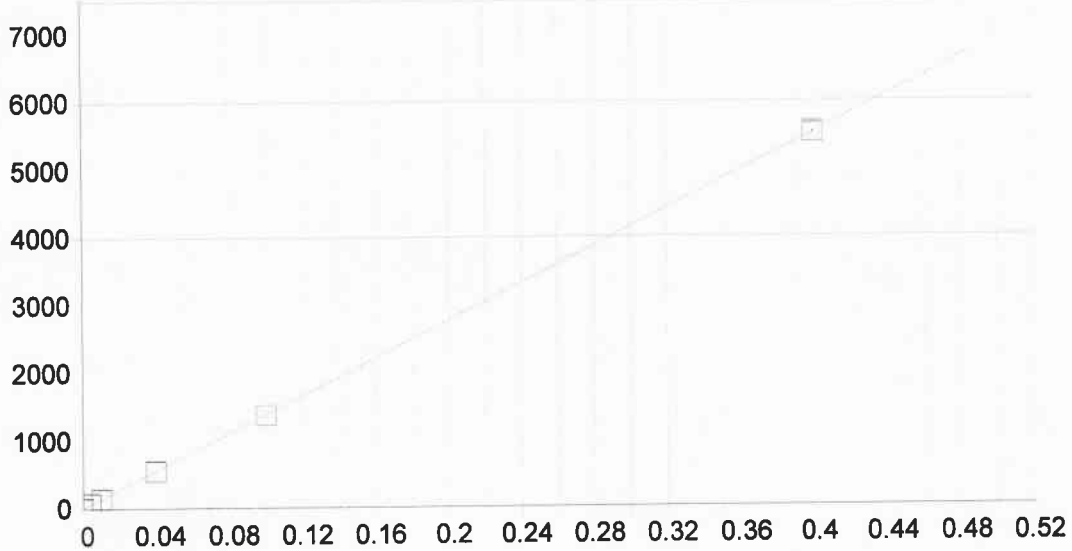


As 189.042 (478)

Fecha de la 26/11/2015 18:11:07 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.317493 Reajustar P 1.000000
 A1 (Ganancia) 592.041143 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999668 Estatus: OK.
 Error Estándar de Est: 0.277954
 MDL: 0.001219
 MQL: 0.004063

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	-1.3124	.675	1
STD 4	.10000	.09362	-.006	-6.38	54.109	.209	1
STD 5	.40000	.38364	-.016	-4.09	225.81	.539	1
STD 6	1.0000	.96383	-.036	-3.62	569.31	.394	1
STD 7	4.0000	4.0625	.062	1.56	2403.8	13.0	1
STD 3	.04000	.03644	-.004	-8.90	20.256	.372	1

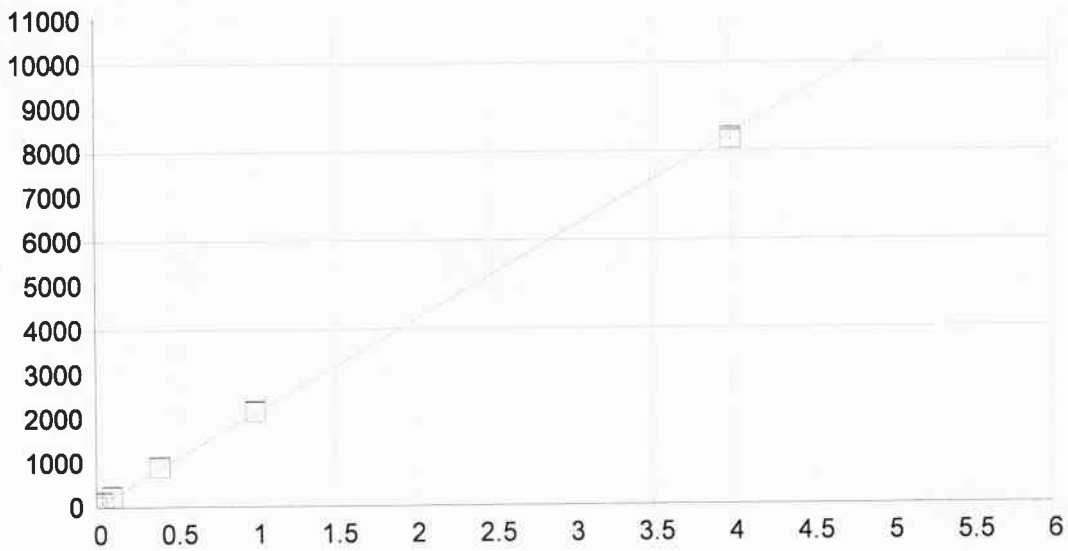


Cd 226.502 {449}

Fecha de la 26/11/2015 18:06:34 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 1.699304 Reajustar P 1.000000
 A1 (Ganancia) 13830.57851 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999579 Estatus: OK.
 Error Estándar de Est: 0.731240
 MDL: 0.000084
 MQL: 0.000281

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	1.6832	.878	1
STD 1	.00400	.00534	.001	33.5	75.560	1.35	1
STD 2	.01000	.00974	-.000	-2.61	136.40	.827	1
STD 3	.04000	.03962	-.000	-.938	549.73	.878	1
STD 4	.10000	.09918	-.001	-.823	1373.4	1.84	1
STD 5	.40000	.40012	.000	.030	5535.6	18.2	1

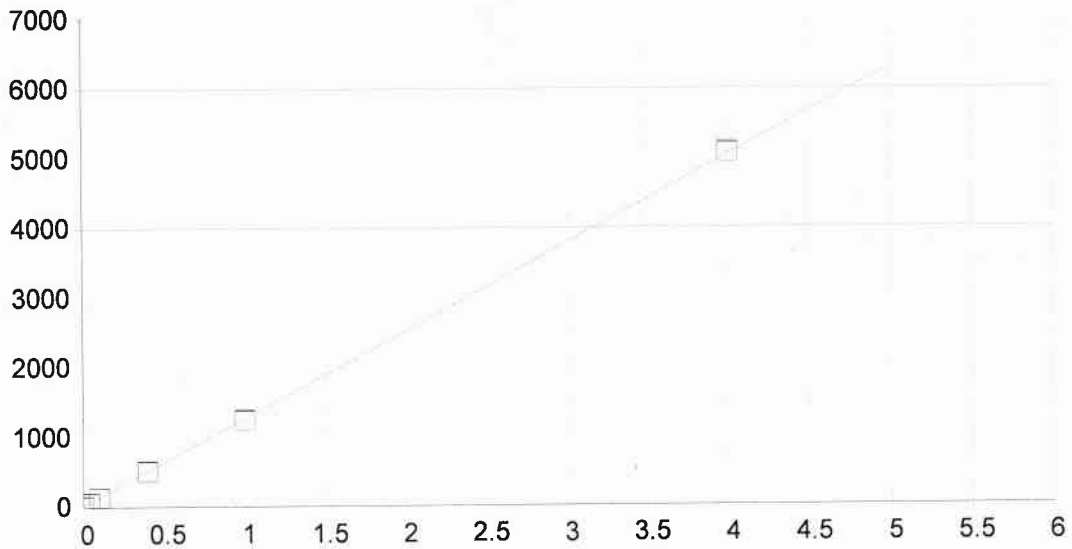


Cu 324.754 {104}

Fecha de la 26/11/2015 18:11:07 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 15.251769 Reajustar P 1.000000
 A1 (Ganancia) 2091.097036 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999726 Estatus: OK.
 Error Estándar de Est: 0.891624
 MDL: 0.001877
 MQL: 0.006255

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	15.233	1.74	1
STD 5	.40000	.42202	.022	5.50	897.73	3.34	1
STD 6	1.0000	1.0195	.020	1.95	2147.2	6.01	1
STD 7	4.0000	3.9483	-.052	-1.29	8271.4	35.3	1
STD 3	.04000	.04378	.004	9.45	106.80	3.47	1
STD 4	.10000	.10643	.006	6.43	237.81	1.70	1

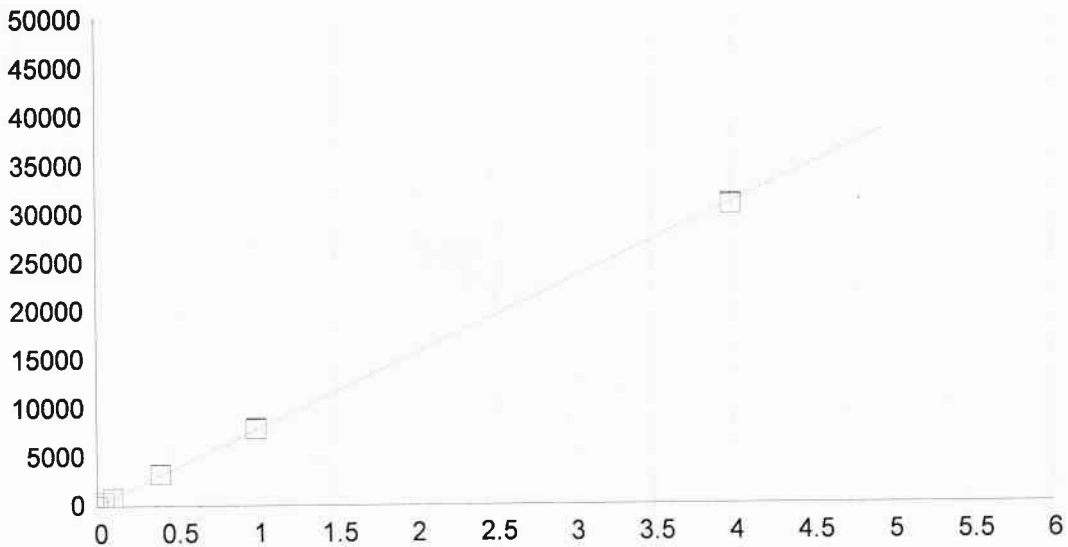


Fe 259.940 {130}

Fecha de la 26/11/2015 18:11:07 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 7.964452 Reajustar P 1.000000
 A1 (Ganancia) 1259.245514 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999927 Estatus: OK.
 Error Estándar de Est: 0.276552
 MDL: 0.001555
 MQL: 0.005185

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	7.9700	1.24	1
STD 5	.40000	.39782	-.002	-.544	508.92	3.09	1
STD 6	1.0000	.98122	-.019	-1.88	1243.6	6.15	1
STD 3	.04000	.03776	-.002	-5.59	55.517	1.86	1
STD 4	.10000	.09633	-.004	-3.67	129.27	2.30	1
STD 7	4.0000	4.0269	.027	.671	5078.8	16.2	1

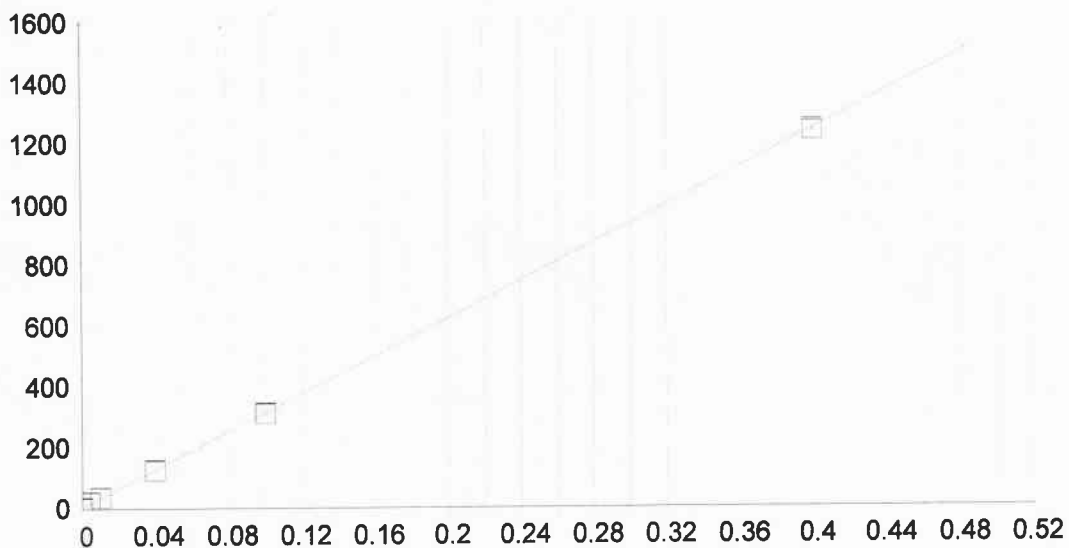


Mn 257.610 {131}

Fecha de la 26/11/2015 18:11:07 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 2.811533 Reajustar P 1.000000
 A1 (Ganancia) 7765.670231 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999884 Estatus: OK.
 Error Estándar de Est: 2.159285
 MDL: 0.000279
 MQL: 0.000929

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	2.7750	.517	1
STD 5	.40000	.41475	.015	3.69	3223.6	8.63	1
STD 6	1.0000	1.0159	.016	1.59	7892.3	38.3	1
STD 3	.04000	.04163	.002	4.08	326.11	2.57	1
STD 4	.10000	.10329	.003	3.29	804.93	4.83	1
STD 7	4.0000	3.9644	-.036	-.890	30789.	77.7	1

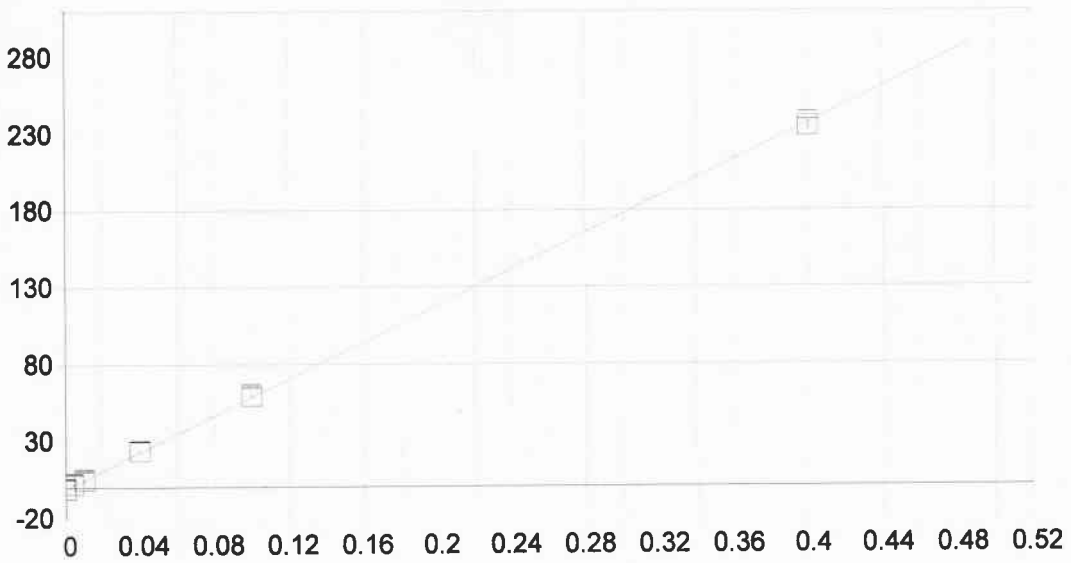


Ni 231.604 {446}

Fecha de la 26/11/2015 18:06:34 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 3.094640 Reajustar P 1.000000
 A1 (Ganancia) 3106.539080 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998883 Estatus: OK.
 Error Estándar de Est: 0.267744
 MDL: 0.000336
 MQL: 0.001119

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	3.0872	1.04	1
STD 1	.00400	.00615	.002	53.8	22.205	.412	1
STD 2	.01000	.01079	.001	7.94	36.627	.694	1
STD 3	.04000	.03952	-.000	-1.19	125.87	1.25	1
STD 4	.10000	.09955	-.000	-.446	312.36	1.10	1
STD 5	.40000	.39798	-.002	-.506	1239.4	3.91	1

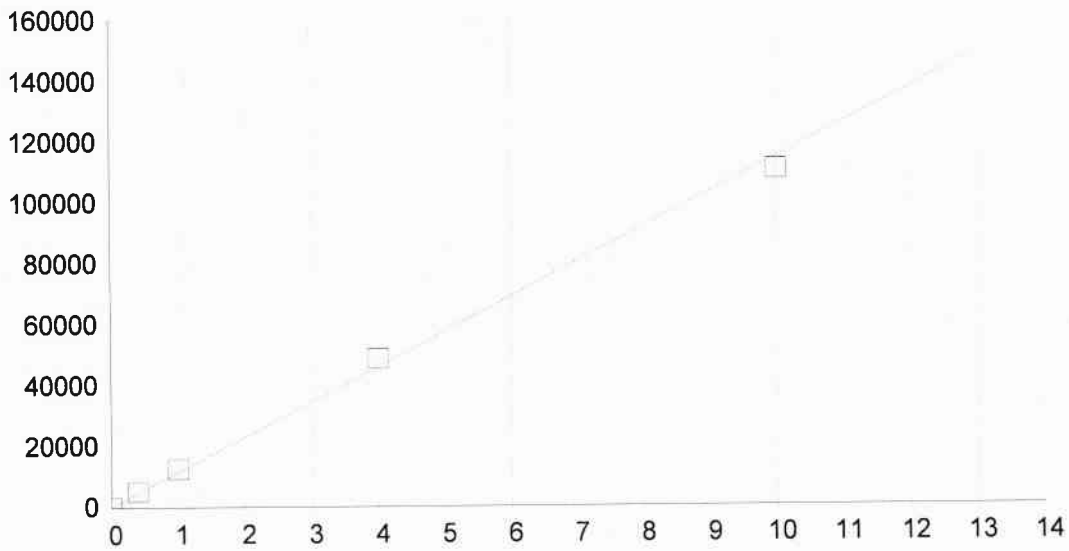


Pb 220.353 (453)

Fecha de la 26/11/2015 18:06:34 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.037255 Reajustar P 1.000000
 A1 (Ganancia) 595.592548 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999362 Estatus: OK.
 Error Estándar de Est: 0.038759
 MDL: 0.001848
 MQL: 0.006161

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-1.0382	.397	1
STD 1	.00400	.00555	.002	38.8	2.2685	.482	1
STD 2	.01000	.00954	-.000	-4.59	4.6452	.830	1
STD 3	.04000	.04122	.001	3.04	23.511	.310	1
STD 4	.10000	.10125	.001	1.25	59.268	1.15	1
STD 5	.40000	.39644	-.004	-.890	235.08	2.70	1



Zn 213.856 (458)

Fecha de la 26/11/2015 18:11:07 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 119.855293 Reajustar P 1.000000
 A1 (Ganancia) 11477.85665 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998751 Estatus: OK.
 Error Estándar de Est: 58.126436
 MDL: 0.000084
 MQL: 0.000279

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00009	-.000	.000	118.86	.837	1
STD 5	.40000	.44364	.044	10.9	5211.8	8.89	1
STD 6	1.0000	1.0850	.085	8.50	12573.	9.22	1
STD 7	4.0000	4.2323	.232	5.81	48698.	54.9	1
STD 8	10.000	9.6390	-.361	-3.61	110760.	82.4	1

1	Cal: Blanco 26/11/2015 17:52:50 IR D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	7.848	-1.312	1.683	15.23	7.970	2.775	3.087	-1.038	118.9	
Desv. Est.	2.557	.674	.877	1.74	1.235	.517	1.035	.397	.8	
% RSD	32.58	51.40	52.14	11.45	15.50	18.62	33.54	38.28	.7043	
Rep #1	10.34	-2.061	1.685	16.57	9.220	2.350	1.955	-8.161	118.4	
Rep #2	5.230	-1.125	.8047	15.87	6.750	2.625	3.986	-1.497	118.3	
Rep #3	7.975	-.7517	2.560	13.26	7.940	3.350	3.321	-.8013	119.8	
2	Cal: STD 1 26/11/2015 17:55:00 IR D MP-151126: CITRICOS:									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	75.56	22.21	2.269							
Desv. Est.	1.35	.41	.482							
% RSD	1.787	1.854	21.24							
Rep #1	74.60	22.12	2.110							
Rep #2	74.98	21.85	1.886							
Rep #3	77.10	22.65	2.810							
3	Cal: STD 2 26/11/2015 17:57:09 IR D MP-151126: CITRICOS:									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	136.4	36.63	4.645							
Desv. Est.	.8	.69	.830							
% RSD	.6065	1.894	17.87							
Rep #1	135.5	36.39	4.032							
Rep #2	137.1	37.41	4.314							
Rep #3	136.5	36.08	5.590							
4	Cal: STD 3 26/11/2015 17:59:51 IR D MP-151126: CITRICOS:									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	20.26	549.7	106.8	55.52	326.1	125.9	23.51			
Desv. Est.	.37	.9	3.5	1.86	2.6	1.3	.31			
% RSD	1.836	.1597	3.247	3.358	.7888	.9969	1.320			
Rep #1	20.49	549.3	110.1	55.17	328.8	125.4	23.36			
Rep #2	19.83	550.7	107.0	57.53	323.7	124.9	23.87			
Rep #3	20.45	549.2	103.2	53.85	325.9	127.3	23.30			
5	Cal: STD 4 26/11/2015 18:02:26 IR D MP-151126: CITRICOS:									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	54.11	1373.	237.8	129.3	804.9	312.4	59.27			
Desv. Est.	.21	2.	1.7	2.3	4.8	1.1	1.15			
% RSD	.3862	.1341	.7166	1.782	.5996	.3519	1.946			
Rep #1	54.21	1371.	238.4	131.9	799.6	313.4	60.25			
Rep #2	53.87	1374.	239.2	127.5	806.4	311.2	58.00			
Rep #3	54.25	1375.	235.9	128.4	808.9	312.5	59.56			
6	Cal: STD 5 26/11/2015 18:04:35 IR D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	

Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	63.55	225.8	5536.	897.7	508.9	3224.	1239.	235.1	5212.
Desv. Est.	3.11	.5	18.	3.3	3.1	9.	4.	2.7	9.
% RSD	4.887	.2388	.3294	.3719	.6077	.2677	.3153	1.148	.1706
Rep #1	63.01	226.4	5542.	901.0	507.5	3218.	1241.	237.9	5204.
Rep #2	60.75	225.3	5550.	894.3	506.8	3219.	1242.	234.8	5222.
Rep #3	66.89	225.8	5515.	897.9	512.5	3234.	1235.	232.5	5210.
7	Cal: STD 6 26/11/2015 18:07:04 IR D MP-151126: CITRICOS:								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	144.3	569.3	2147.	1244.	7892.	12570.			
Desv. Est.	3.7	.4	6.	6.	38.	9.			
% RSD	2.537	.0692	.2798	.4942	.4852	.0733			
Rep #1	140.1	569.2	2154.	1250.	7926.	12560.			
Rep #2	145.6	569.7	2145.	1237.	7851.	12580.			
Rep #3	147.1	569.0	2143.	1244.	7900.	12580.			
8	Cal: STD 7 26/11/2015 18:09:13 IR D MP-151126: CITRICOS:								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	540.7	2404.	8271.	5079.	30790.	48700.			
Desv. Est.	7.0	13.	35.	16.	78.	55.			
% RSD	1.286	.5394	.4268	.3196	.2524	.1128			
Rep #1	548.6	2398.	8309.	5066.	30880.	48720.			
Rep #2	537.6	2395.	8266.	5073.	30730.	48640.			
Rep #3	535.8	2419.	8239.	5097.	30760.	48740.			
9	Cal: STD 8 26/11/2015 18:11:46 IR D MP-151126: CITRICOS:								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							
Unidades	Cts/s	Cts/s							
Media	1382.	110800.							
Desv. Est.	9.	82.							
% RSD	.6181	.0744							
Rep #1	1380.	110800.							
Rep #2	1392.	110700.							
Rep #3	1375.	110800.							
10	Blanco: REACTIVO 26/11/2015 18:12:37 CONC D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.0550	.0004	.0009	.0041	.0002	.0009	.0008	.0013	.0020
Desv. Est.	.0196	.0007	.0003	.0007	.0019	.0005	.0001	.0008	.0004
% RSD	35.69	171.1	38.19	17.72	847.7	51.48	12.23	66.07	19.35
Rep #1	-.0715	.0008	.0012	.0035	.0020	.0015	.0008	.0019	.0025
Rep #2	-.0333	-.0004	.0007	.0049	-.0017	.0008	.0009	.0003	.0019
Rep #3	-.0602	.0007	.0006	.0039	.0003	.0006	.0007	.0016	.0017
11	Blanco: MUESTRA 26/11/2015 18:17:14 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.1262	-1.082	.0195	.3433	4.377	.2080	.3758	-.6883	1.242

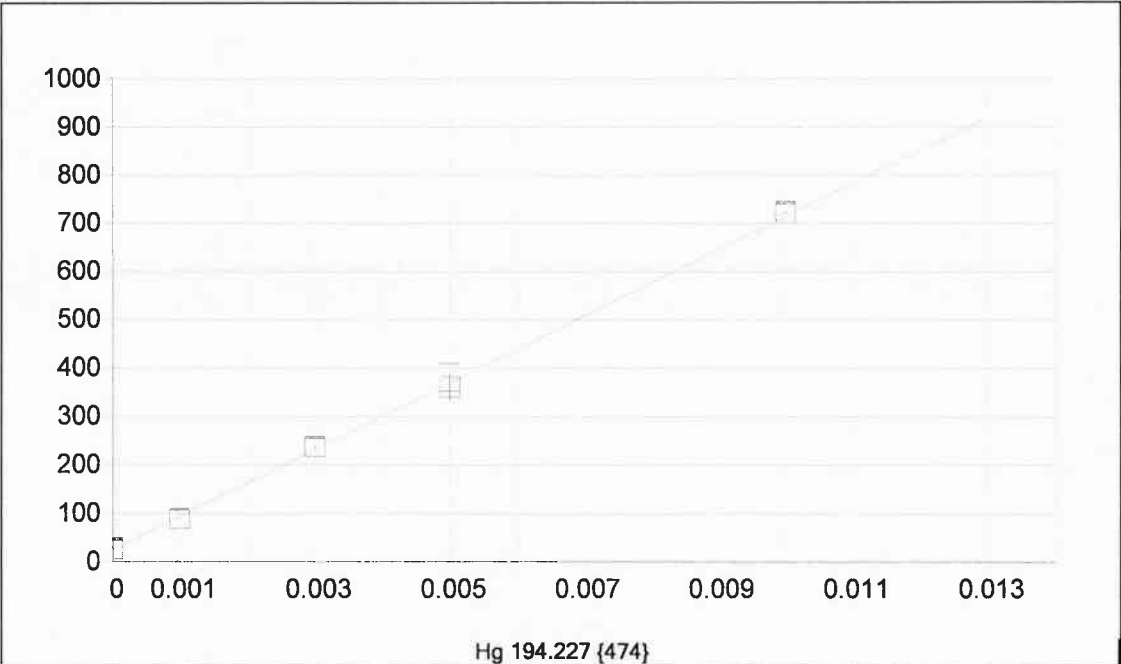
Desv. Est.	2.091	.103	.0069	.0981	.046	.0116	.0085	.0712	.029
% RSD	1657.	9.511	35.60	28.58	1.055	5.559	2.260	10.35	2.358
Rep #1	2.194	-1.183	.0127	.3881	4.353	.2178	.3807	-.6233	1.213
Rep #2	-1.866	-.9775	.0193	.4110	4.430	.2110	.3806	-.6773	1.241
Rep #3	-.7070	-1.086	.0266	.2308	4.347	.1953	.3660	-.7645	1.272
12	Unk: RECUPERACION 26/11/2015 18:20:05 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	34.68	44.39	40.09	38.61	38.08	39.55	38.97	34.36	47.49
Desv. Est.	1.29	.54	.38	.35	.68	.55	.41	.34	.38
% RSD	3.720	1.208	.9396	.9037	1.782	1.386	1.040	.9982	.8105
Rep #1	35.03	44.87	40.49	39.00	38.75	40.14	39.42	34.64	47.92
Rep #2	33.25	44.49	40.02	38.51	38.08	39.46	38.89	34.46	47.34
Rep #3	35.75	43.81	39.75	38.32	37.40	39.06	38.62	33.98	47.20
13	Unk: GISC15-21971 26/11/2015 18:23:38 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.5123	-.2182	.0035	.2010	3.260	.6758	-.0976	-.1007	-.0970
Desv. Est.	.6968	.0612	.0024	.0600	.201	.0131	.0412	.1560	.0112
% RSD	136.0	28.04	68.43	29.87	6.174	1.934	42.23	154.9	11.52
Rep #1	-.6761	-.1970	.0058	.2703	3.473	.6642	-.1419	.0240	-.1035
Rep #2	.2519	-.1704	.0011	.1688	3.235	.6900	-.0604	-.2757	-.0841
Rep #3	-1.113	-.2871	.0035	.1640	3.072	.6733	-.0904	-.0505	-.1034
14	Unk: GISC15-21971-R 26/11/2015 18:25:37 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-3.044	-.1742	.0046	.1798	3.268	.6985	-.1044	-.0524	-.0929
Desv. Est.	2.280	.1721	.0091	.0612	.202	.0265	.0117	.0635	.0063
% RSD	74.89	98.80	199.3	34.04	6.189	3.794	11.21	121.2	6.797
Rep #1	-3.082	-.3726	.0058	.2016	3.034	.7071	-.1156	.0069	-.1001
Rep #2	-.7458	-.0650	.0130	.2272	3.389	.7196	-.1055	-.0448	-.0904
Rep #3	-5.305	-.0850	-.0051	.1107	3.381	.6688	-.0922	-.1195	-.0882
15	Unk: GISC15-21972 26/11/2015 18:26:51 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.558	.0658	.0023	.1735	2.060	.3895	-.1597	.0165	-.8554
Desv. Est.	1.890	.1768	.0107	.0118	.060	.0070	.0344	.0465	.0096
% RSD	73.91	268.5	468.7	6.795	2.902	1.800	21.57	281.0	1.123
Rep #1	-4.109	.2501	-.0032	.1748	2.077	.3838	-.1401	.0181	-.8444
Rep #2	-4.4524	-.1024	-.0046	.1611	2.110	.3974	-.1994	.0623	-.8593
Rep #3	-3.111	.0497	.0147	.1846	1.994	.3874	-.1394	-.0307	-.8624
16	Unk: GISC15-21973 26/11/2015 18:29:00 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.839	.1036	-.0091	.3398	-.5543	.2248	-.1789	-.0451	-.3252
Desv. Est.	.562	.0177	.0077	.0800	.1534	.0067	.0169	.2327	.0333
% RSD	30.56	17.06	84.15	23.55	27.68	2.959	9.420	515.4	10.25
Rep #1	-2.338	.0832	-.0009	.4316	-.7290	.2322	-.1848	-.1181	-.3624

Rep #2	-1.230	.1149	-.0161	.2844	-.4924	.2229	-.1920	.2153	-.3150
Rep #3	-1.949	.1126	-.0104	.3035	-.4415	.2193	-.1599	-.2326	-.2982
17	Unk: GISC15-21974 26/11/2015 18:31:15 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-3.530	.6909	-.0086	.1932	-1.449	.0614	-.2815	.0774	-1.594
Desv. Est.	1.075	.4675	.0131	.0908	.235	.0571	.0956	.4105	.509
% RSD	30.44	67.67	152.4	47.00	16.21	93.07	33.98	530.5	31.94
Rep #1	-4.766	.3500	.0005	.2774	-1.197	.1228	-.1880	-.3571	-1.264
Rep #2	-3.005	.4989	-.0027	.0970	-1.661	.0098	-.2773	.1305	-1.338
Rep #3	-2.818	1.224	-.0236	.2051	-1.488	.0516	-.3791	.4588	-2.181
18	Unk: GISC15-21975 26/11/2015 18:33:24 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-3.703	-.1031	-.0001	.1479	.0159	.2642	-.1663	-.0097	-.5854
Desv. Est.	4.792	.0739	.0062	.1013	.2397	.0306	.0173	.1646	.1496
% RSD	129.4	71.66	4283.	68.47	1509.	11.59	10.40	1702.	25.56
Rep #1	1.580	-.0879	-.0072	.2514	.2795	.2976	-.1861	.1803	-.5165
Rep #2	-4.920	-.0380	.0043	.0490	-.0429	.2577	-.1546	-.0994	-.7571
Rep #3	-7.770	-.1833	.0025	.1433	-1.890	.2374	-.1580	-.1100	-.4827
19	Unk: GISC15-21976 26/11/2015 18:35:30 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-4.817	-.0117	.0006	.1235	-.4990	.3020	-.1707	-.1162	-.4506
Desv. Est.	1.971	.0460	.0010	.0633	.1798	.0179	.0319	.0977	.1058
% RSD	40.91	392.0	159.5	51.27	36.03	5.932	18.69	84.03	23.49
Rep #1	-2.686	-.0493	-.0003	.1953	-.3574	.2963	-.1665	-.2040	-.4984
Rep #2	-6.574	.0395	.0005	.0757	-.4384	.3220	-.2045	-.0110	-.5241
Rep #3	-5.191	-.0254	.0016	.0994	-.7012	.2876	-.1411	-.1338	-.3293
20	Unk: GISC15-21977 26/11/2015 18:37:37 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.063	.3037	-.0042	.1354	-1.561	.0321	-.0683	-.0552	2.291
Desv. Est.	1.315	.0510	.0011	.0729	.112	.0185	.0168	.1641	.013
% RSD	63.76	16.79	25.49	53.82	7.140	57.54	24.51	297.1	.5462
Rep #1	-.6541	.2790	-.0035	.0516	-1.649	.0149	-.0748	.1326	2.292
Rep #2	-3.258	.2698	-.0054	.1709	-1.598	.0516	-.0493	-.1275	2.278
Rep #3	-2.275	.3624	-.0036	.1838	-1.436	.0297	-.0809	-.1709	2.302
21	Unk: GISC15-21979 26/11/2015 18:39:45 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.067	.3406	.0010	.5025	.4426	.4923	-.1646	-.1228	-.2533
Desv. Est.	1.557	.1054	.0003	.0284	.0756	.0195	.0279	.1252	.0511
% RSD	145.9	30.96	35.98	5.653	17.08	3.960	16.93	101.9	20.17
Rep #1	2.309	.2603	.0013	.5324	.3780	.4882	-.1423	-.0199	-.2681
Rep #2	1.572	.3015	.0006	.4759	.5257	.4753	-.1555	-.0863	-.2954
Rep #3	-.6798	.4599	.0009	.4992	.4241	.5136	-.1958	-.2622	-.1965

22	Unk: GISC15-21980 26/11/2015 18:41:51 CONC x100 D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.684	.2481	.0046	.3491	4.650	.5444	-.1475	-.1618	-.1957	
Desv. Est.	1.463	.1621	.0087	.0834	.049	.0313	.0115	.1361	.0195	
% RSD	54.50	65.34	189.6	23.88	1.054	5.743	7.810	84.11	9.944	
Rep #1	1.029	.1922	-.0051	.3081	4.594	.5094	-.1508	-.1418	-.2181	
Rep #2	3.806	.1214	.0072	.2942	4.674	.5696	-.1347	-.0368	-.1848	
Rep #3	3.215	.4308	.0116	.4450	4.683	.5541	-.1571	-.3068	-.1840	
23	Unk: GISC15-21981 26/11/2015 18:44:05 CONC x100 D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-4.242	.1498	.0007	.3112	-.1387	.4356	-.1917	-.1262	-.5287	
Desv. Est.	1.401	.0734	.0033	.2673	.0239	.0341	.0227	.2621	.0169	
% RSD	33.02	49.02	505.0	85.89	17.24	7.835	11.86	207.6	3.198	
Rep #1	-3.020	.0665	.0005	.0388	-.1580	.4695	-.2030	.1763	-.5097	
Rep #2	-5.771	.1775	.0041	.5731	-.1461	.4360	-.1655	-.2848	-.5422	
Rep #3	-3.937	.2053	-.0026	.3218	-.1120	.4012	-.2066	-.2702	-.5341	
24	Unk: RECUPERACION 26/11/2015 18:52:21 CONC x100 D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	33.30	43.76	38.97	38.08	37.84	38.71	37.80	33.16	46.75	
Desv. Est.	.89	.10	.19	.34	.28	.23	.20	.52	.11	
% RSD	2.663	.2263	.4808	.8884	.7391	.6037	.5231	1.568	.2301	
Rep #1	33.67	43.84	39.07	38.41	37.52	38.92	37.98	33.50	46.88	
Rep #2	32.29	43.65	39.08	38.09	37.97	38.75	37.83	33.42	46.69	
Rep #3	33.95	43.80	38.75	37.73	38.03	38.46	37.59	32.56	46.69	
25	Unk: GISC15-21982 26/11/2015 18:54:26 CONC x100 D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.366	-.0992	.0018	.4821	.5760	.5971	-.1494	-.2612	.0641	
Desv. Est.	2.129	.1075	.0054	.0247	.1440	.0273	.0262	.1432	.0263	
% RSD	90.00	108.3	304.0	5.121	24.99	4.569	17.52	54.82	41.09	
Rep #1	.0575	-.0088	-.0044	.4935	.6591	.5899	-.1234	-.4105	.0878	
Rep #2	-3.937	-.0709	.0056	.4989	.6591	.5741	-.1490	-.2478	.0687	
Rep #3	-3.218	-.2181	.0041	.4537	.4098	.6272	-.1758	-.1251	.0357	
26	Unk: GISC15-21983 26/11/2015 18:56:31 CONC x100 D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.852	.0750	.0025	.4274	.1300	.4282	-.1977	-.0725	-.5745	
Desv. Est.	3.088	.1328	.0012	.0493	.1567	.0245	.0156	.1018	.0285	
% RSD	166.7	177.1	46.50	11.54	120.6	5.719	7.904	140.5	4.967	
Rep #1	-2.462	.0169	.0013	.4111	.2914	.4547	-.1881	.0092	-.5548	
Rep #2	1.495	-.0188	.0026	.3883	-.0214	.4234	-.1891	-.1865	-.5616	
Rep #3	-4.590	.2270	.0036	.4829	.1199	.4064	-.2157	-.0401	-.6073	
27	Unk: GISC15-21993 26/11/2015 18:59:00 CONC x100 D MP-151126: CITRICOS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	

Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-2.253	.1499	.0007	.2508	.2356	.6895	-.1718	-.1270	.6622
Desv. Est.	.941	.0740	.0025	.1230	.8116	.1632	.0133	.1493	.2408
% RSD	41.78	49.40	346.6	49.04	344.5	23.66	7.742	117.6	36.36
Rep #1	-2.026	.2087	.0035	.1477	.4630	.7264	-.1872	.0029	.4010
Rep #2	-3.288	.1742	-.0012	.2179	-.6655	.5110	-.1641	-.0937	.7104
Rep #3	-1.446	.0667	-.0001	.3870	.9093	.8310	-.1642	-.2901	.8752
28	Unk: GISC15-22002 26/11/2015 19:01:23 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.471	.1303	-.0005	.2296	-.7936	.3762	-.1313	-.1159	-.7420
Desv. Est.	.813	.0831	.0017	.0395	.3652	.0684	.0092	.2084	.3653
% RSD	55.30	63.75	363.5	17.19	46.01	18.17	6.971	179.8	49.23
Rep #1	-1.311	.0602	.0010	.2555	-.6790	.4502	-.1336	.0574	-1.164
Rep #2	-.7494	.2221	-.0001	.1842	-1.202	.3153	-.1391	-.0580	-.5384
Rep #3	-2.352	.1088	-.0023	.2492	-.4995	.3632	-.1212	-.3472	-.5239
29	Unk: GISC15-22003 26/11/2015 19:05:16 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.880	.3280	-.0078	-.0691	-1.370	.1517	-.2202	-.1306	-1.284
Desv. Est.	3.873	.0764	.0073	.1084	.772	.0785	.0604	.1944	.185
% RSD	206.0	23.28	93.55	157.0	56.30	51.72	27.42	148.9	14.37
Rep #1	2.489	.3894	.0006	-.1901	-.9966	.2016	-.1596	.0779	-1.125
Rep #2	-4.890	.2425	-.0122	-.0360	-.8569	.1923	-.2205	-.1628	-1.240
Rep #3	-3.240	.3521	-.0117	.0190	-2.258	.0613	-.2804	-.3069	-1.486
30	Unk: GISC15-22004 26/11/2015 19:07:46 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.7800	.1904	.0032	.2055	.9691	.5253	-.1712	-.1380	.2878
Desv. Est.	1.889	.0664	.0012	.0809	.4224	.0495	.0403	.0826	1.200
% RSD	242.1	34.87	38.28	39.35	43.58	9.431	23.55	59.85	416.8
Rep #1	-.9402	.2153	.0018	.1851	1.456	.5825	-.1898	-.1183	.8935
Rep #2	2.801	.1152	.0039	.1368	.6964	.4959	-.1988	-.0671	-1.094
Rep #3	.4793	.2409	.0040	.2946	.7552	.4975	-.1249	-.2287	1.064
31	Unk: GISC15-22007 26/11/2015 19:10:05 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.769	.0771	.0046	.1737	-.9839	.2502	-.1936	-.1492	-.7341
Desv. Est.	1.474	.1172	.0053	.1127	.2586	.0399	.0266	.1013	.0154
% RSD	83.34	152.0	115.9	64.88	26.29	15.95	13.74	67.90	2.101
Rep #1	-.1956	-.0479	.0106	.0575	-1.128	.2902	-.1789	-.0545	-.7163
Rep #2	-3.119	.1845	.0019	.1811	-.6853	.2502	-.2243	-.2560	-.7434
Rep #3	-1.993	.0948	.0012	.2824	-1.139	.2103	-.1776	-.1371	-.7427
32	Unk: GISC15-22008 26/11/2015 19:12:17 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.1736	.1682	-.0026	.4382	2.202	.6436	-.1208	-.1380	2.558

Desv. Est.	2.300	.1245	.0039	.0499	.094	.0341	.0123	.3049	.011
% RSD	1325.	74.02	151.2	11.38	4.263	5.298	10.19	220.8	4.127
Rep #1	2.221	.1621	-.0061	.4620	2.310	.6826	-.1326	-.1921	2.568
Rep #2	.6150	.2956	.0016	.4718	2.152	.6292	-.1216	-.4122	2.547
Rep #3	-2.316	.0469	-.0033	.3809	2.143	.6192	-.1081	.1902	2.559
33	Unk: GISC15-22009 26/11/2015 19:14:35 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-4.526	.2130	.0004	.3842	2.207	.6380	-.0856	-.0754	2.546
Desv. Est.	4.090	.1534	.0013	.0464	.087	.0239	.0198	.1299	.016
% RSD	90.37	71.99	321.5	12.07	3.954	3.754	23.15	172.3	.6333
Rep #1	-.3900	.3837	.0015	.3307	2.109	.6224	-.1085	-.1331	2.560
Rep #2	-4.619	.0869	-.0011	.4085	2.278	.6259	-.0731	-.1664	2.528
Rep #3	-8.569	.1685	.0008	.4133	2.233	.6655	-.0752	.0734	2.551
34	Unk: GISC15-22013 26/11/2015 19:17:03 CONC x100 D MP-151126: CITRICOS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.435	.0805	.0051	.0586	.4151	.5611	-.1160	-.2130	1.597
Desv. Est.	4.004	.0523	.0067	.1976	.0108	.0130	.0057	.0719	.012
% RSD	278.9	65.00	132.4	337.0	2.605	2.311	4.955	33.76	.7562
Rep #1	3.142	.0549	.0055	-.1684	.4066	.5567	-.1225	-.2782	1.604
Rep #2	-3.163	.1406	-.0019	.1527	.4272	.5757	-.1118	-.1359	1.604
Rep #3	-4.285	.0459	.0116	.1916	.4114	.5509	-.1136	-.2249	1.583



Hg 194.227 {474}

Fecha de la 26/11/2015 09:14:01 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 25.593483 Reajustar P 1.000000
 A1 (Ganancia) 68803.49665 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999687 Estatus: OK.
 Error Estándar de Est: 0.306037
 MDL: 0.000027
 MQL: 0.000090

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	25.597	2.29	1
STD 1	.00100	.00093	-.000	-6.96	89.605	1.48	1
STD 2	.00300	.00308	.000	2.62	237.41	1.84	1
STD 3	.00500	.00487	-.000	-2.63	360.55	28.3	1
STD 4	.01000	.01012	.000	1.23	722.07	2.92	1

1	Cal: Blanco 26/11/2015 09:11:53 IR D Hg-151126: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	25.60
Desv. Est.	2.29
% RSD	8.964
Rep #1	28.19
Rep #2	23.84
Rep #3	24.76
2	Cal: STD 1 26/11/2015 09:12:50 IR D Hg-151126: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	89.61
Desv. Est.	1.48
% RSD	1.656
Rep #1	89.36
Rep #2	88.26
Rep #3	91.20
3	Cal: STD 2 26/11/2015 09:14:15 IR D Hg-151126: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	237.4
Desv. Est.	1.8
% RSD	.7745
Rep #1	236.6
Rep #2	236.1
Rep #3	239.5
4	Cal: STD 3 26/11/2015 09:15:32 IR D Hg-151126: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	360.5
Desv. Est.	28.3
% RSD	7.845
Rep #1	329.0
Rep #2	368.8
Rep #3	383.8
5	Cal: STD 4 26/11/2015 09:19:06 IR D Hg-151126: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	722.1
Desv. Est.	2.9
% RSD	.4046
Rep #1	718.9
Rep #2	722.8
Rep #3	724.6
6	Blanco: REACTIVO 26/11/2015 09:25:54 CONC D Hg-151126: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0001
Desv. Est.	.0000

% RSD	13.48
Rep #1	-.0001
Rep #2	-.0001
Rep #3	-.0001
7	Blanco: MUESTRA 26/11/2015 09:27:13 CONC x100 D Hg-151126: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0191
Desv. Est.	.0024
% RSD	12.68
Rep #1	-.0173
Rep #2	-.0182
Rep #3	-.0218
8	Unk: RECUPERACION 26/11/2015 09:28:42 CONC x100 D Hg-151126: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4637
Desv. Est.	.0363
% RSD	7.836
Rep #1	.4238
Rep #2	.4723
Rep #3	.4950
9	Unk: GISC15-21863 26/11/2015 09:29:23 CONC x100 D Hg-151126: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0450
Desv. Est.	.0004
% RSD	.8696
Rep #1	-.0450
Rep #2	-.0455
Rep #3	-.0447
10	Unk: GISC15-21863-R 26/11/2015 09:30:35 CONC x100 D Hg-151126: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0376
Desv. Est.	.0015
% RSD	3.927
Rep #1	-.0370
Rep #2	-.0365
Rep #3	-.0392
11	Unk: GISC15-21864 26/11/2015 09:31:57 CONC x100 D Hg-151126: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0349
Desv. Est.	.0004
% RSD	1.091
Rep #1	-.0345

Rep #2	-0349
Rep #3	-0353
12	Unk: GISC15-21865 26/11/2015 09:32:40 CONC x100 DUE 151100 CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0373
Desv. Est.	.0004
% RSD	1.002
Rep #1	-0372
Rep #2	-0377
Rep #3	-0369
13	Unk: GISC15-21866 26/11/2015 09:33:58 CONC x100 DUE 151100 CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0145
Desv. Est.	.0009
% RSD	6.490
Rep #1	-.0137
Rep #2	-.0142
Rep #3	-.0156
14	Unk: GISC15-21867 26/11/2015 09:35:22 CONC x100 DUE 151100 CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0435
Desv. Est.	.0006
% RSD	1.481
Rep #1	-.0441
Rep #2	-.0437
Rep #3	-.0428
15	Unk: GISC15-21870 26/11/2015 09:36:45 CONC x100 DUE 151100 CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0408
Desv. Est.	.0026
% RSD	6.305
Rep #1	-.0381
Rep #2	-.0411
Rep #3	-.0433
16	Unk: GISC15-21871 26/11/2015 09:38:00 CONC x100 DUE 151100 CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0437
Desv. Est.	.0016
% RSD	3.729
Rep #1	-.0419
Rep #2	-.0443
Rep #3	-.0449

17	Unk: GISC15-21872 26/11/2015 09:39:21 CONC x100 FILE 151126 CITRUS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0441
Desv. Est.	.0029
% RSD	6.497
Rep #1	-.0420
Rep #2	-.0474
Rep #3	-.0429
18	Unk: GISC15-21873 26/11/2015 09:40:35 CONC x100 FILE 151126 CITRUS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0474
Desv. Est.	.0024
% RSD	5.017
Rep #1	-.0448
Rep #2	-.0477
Rep #3	-.0496
19	Unk: GISC15-21874 26/11/2015 09:42:10 CONC x100 FILE 151126 CITRUS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0380
Desv. Est.	.0098
% RSD	25.85
Rep #1	-.0266
Rep #2	-.0441
Rep #3	-.0431
20	Unk: ESTANDAR DE CHEQUEO 26/11/2015 09:45:52 CONC x100 FILE 151126 CITRUS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.5258
Desv. Est.	.0162
% RSD	3.087
Rep #1	.5080
Rep #2	.5295
Rep #3	.5399
21	Unk: GISC15-21875 26/11/2015 09:46:36 CONC x100 FILE 151126 CITRUS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0423
Desv. Est.	.0024
% RSD	5.622
Rep #1	-.0398
Rep #2	-.0445
Rep #3	-.0425
22	Unk: GISC15-21876 26/11/2015 09:47:53 CONC x100 FILE 151126 CITRUS (UNAM)

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0468
Desv. Est.	.0013
% RSD	2.852
Rep #1	-.0476
Rep #2	-.0452
Rep #3	-.0475
23	Unk: GISC15-21877 26/11/2015 09:49:21 CONC x100 D:\H 151120: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0456
Desv. Est.	.0045
% RSD	9.915
Rep #1	-.0450
Rep #2	-.0504
Rep #3	-.0414
24	Unk: GISC15-21878 26/11/2015 09:50:38 CONC x100 D:\H 151120: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0461
Desv. Est.	.0038
% RSD	8.268
Rep #1	-.0432
Rep #2	-.0447
Rep #3	-.0505
25	Unk: GISC15-21879 26/11/2015 09:51:51 CONC x100 D:\H 151120: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0280
Desv. Est.	.0175
% RSD	62.28
Rep #1	-.0084
Rep #2	-.0417
Rep #3	-.0341
26	Unk: GISC15-21880 26/11/2015 09:53:12 CONC x100 D:\H 151120: CITRICOO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0307
Desv. Est.	.0034
% RSD	11.07
Rep #1	-.0346
Rep #2	-.0284
Rep #3	-.0290
27	Unk: GISC15-21881 26/11/2015 09:54:30 CONC x100 D:\H 151120: CITRICOO (UNAM) Hg1942
Línea	194.227 {47

Unidades	mg/kg
Media	-.0515
Desv. Est.	.0012
% RSD	2.269
Rep #1	-.0502
Rep #2	-.0518
Rep #3	-.0524
28	Unk: GISC15-21882 26/11/2015 09:55:45 CONC x100 DATE: 151126: CITRUSOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0454
Desv. Est.	.0018
% RSD	4.018
Rep #1	-.0472
Rep #2	-.0436
Rep #3	-.0455
29	Unk: GISC15-21883 26/11/2015 09:57:02 CONC x100 DATE: 151126: CITRUSOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0497
Desv. Est.	.0043
% RSD	8.712
Rep #1	-.0447
Rep #2	-.0515
Rep #3	-.0528
30	Unk: GISC15-21884 26/11/2015 09:58:16 CONC x100 DATE: 151126: CITRUSOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0390
Desv. Est.	.0031
% RSD	8.026
Rep #1	-.0354
Rep #2	-.0411
Rep #3	-.0404
31	Unk: ESTANDAR DE CHEQUEO 26/11/2015 10:00:13 CONC x100 DATE: 151126: CITRUSOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.5581
Desv. Est.	.0082
% RSD	1.477
Rep #1	.5599
Rep #2	.5492
Rep #3	.5654
32	Unk: GISC15-21885 26/11/2015 10:01:44 CONC x100 DATE: 151126: CITRUSOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0396

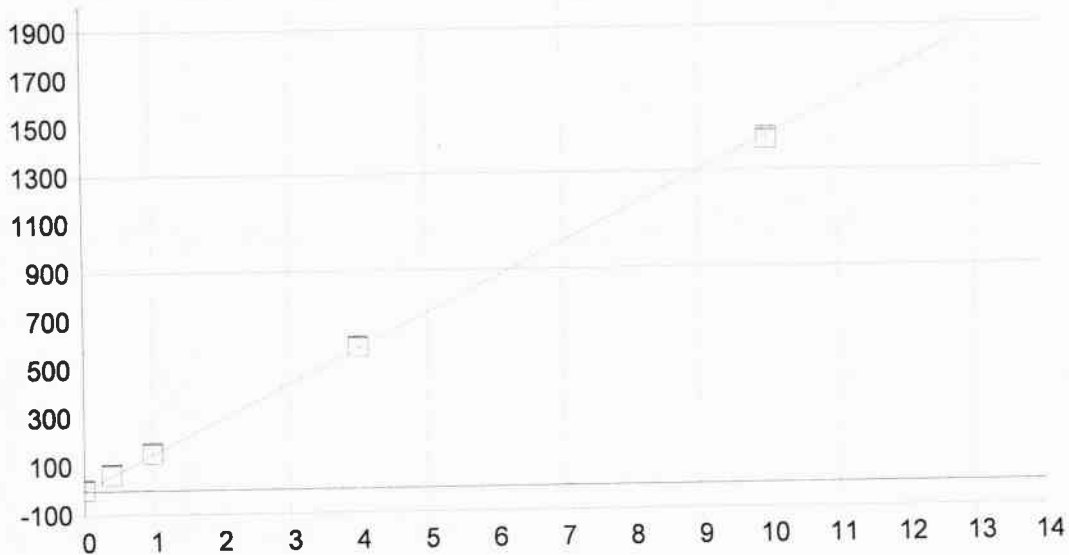
Desv. Est.	.0003
% RSD	.8800
Rep #1	-.0392
Rep #2	-.0398
Rep #3	-.0399
33	Unk: GISC15-21885-R 26/11/2015 10:02:24 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0486
Desv. Est.	.0030
% RSD	6.269
Rep #1	-.0508
Rep #2	-.0499
Rep #3	-.0451
34	Unk: GISC15-21903 26/11/2015 10:03:10 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0488
Desv. Est.	.0021
% RSD	4.382
Rep #1	-.0464
Rep #2	-.0506
Rep #3	-.0493
35	Unk: GISC15-21904 26/11/2015 10:04:30 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0408
Desv. Est.	.0023
% RSD	5.606
Rep #1	-.0385
Rep #2	-.0431
Rep #3	-.0410
36	Unk: GISC15-21905 26/11/2015 10:05:45 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0496
Desv. Est.	.0019
% RSD	3.730
Rep #1	-.0475
Rep #2	-.0511
Rep #3	-.0502
37	Unk: GISC15-21906 26/11/2015 10:06:59 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0435
Desv. Est.	.0081
% RSD	18.62

Rep #1	-0368
Rep #2	-0412
Rep #3	-0525
38	Unk: GISC15-21907 26/11/2015 10:08:15 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0528
Desv. Est.	.0013
% RSD	2.411
Rep #1	-0537
Rep #2	-0513
Rep #3	-0533
39	Unk: GISC15-21908 26/11/2015 10:09:28 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0463
Desv. Est.	.0028
% RSD	5.970
Rep #1	-0455
Rep #2	-0494
Rep #3	-0441
40	Unk: GISC15-21920 26/11/2015 10:10:50 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0466
Desv. Est.	.0021
% RSD	4.575
Rep #1	-0461
Rep #2	-0489
Rep #3	-0448
41	Unk: GISC15-21921 26/11/2015 10:12:02 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0517
Desv. Est.	.0025
% RSD	4.803
Rep #1	-0490
Rep #2	-0521
Rep #3	-0539
42	Unk: GISC15-21922 26/11/2015 10:13:18 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0281
Desv. Est.	.0090
% RSD	32.03
Rep #1	-0181
Rep #2	-0354

Rep #3	-0307
43	Unk: ESTANDAR DE CHEQUEO 26/11/2015 10:30:36 CONC x100 D.H. 151100: CITRICOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.5588
Desv. Est.	.0025
% RSD	.4516
Rep #1	.5616
Rep #2	.5568
Rep #3	.5580
44	Unk: GISC15-21940 26/11/2015 10:31:07 CONC x100 D.H. 151100: CITRICOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0396
Desv. Est.	.0030
% RSD	7.615
Rep #1	-.0418
Rep #2	-.0361
Rep #3	-.0408
45	Unk: GISC15-21941 26/11/2015 10:32:23 CONC x100 D.H. 151100: CITRICOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0411
Desv. Est.	.0023
% RSD	5.623
Rep #1	-.0425
Rep #2	-.0384
Rep #3	-.0422
46	Unk: GISC15-21947 26/11/2015 10:33:44 CONC x100 D.H. 151100: CITRICOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0001
Desv. Est.	.0608
% RSD	41310.
Rep #1	.0688
Rep #2	-.0230
Rep #3	-.0463
47	Unk: GISC15-21948 26/11/2015 10:34:26 CONC x100 D.H. 151100: CITRICOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0544
Desv. Est.	.0032
% RSD	5.921
Rep #1	-.0510
Rep #2	-.0574
Rep #3	-.0547

48	Unk: GISC15-21949 26/11/2015 10:35:44 CONC x100 DATE: 1511200: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0495
Desv. Est.	.0014
% RSD	2.851
Rep #1	-.0490
Rep #2	-.0511
Rep #3	-.0485
49	Unk: GISC15-21950 26/11/2015 10:36:57 CONC x100 DATE: 1511200: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0464
Desv. Est.	.0034
% RSD	7.401
Rep #1	-.0472
Rep #2	-.0426
Rep #3	-.0494
50	Unk: GISC15-21951 26/11/2015 10:38:15 CONC x100 DATE: 1511200: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0279
Desv. Est.	.0206
% RSD	73.86
Rep #1	-.0496
Rep #2	-.0086
Rep #3	-.0254
51	Unk: GISC15-21952 26/11/2015 10:39:32 CONC x100 DATE: 1511200: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0586
Desv. Est.	.0021
% RSD	3.587
Rep #1	-.0563
Rep #2	-.0590
Rep #3	-.0604
52	Unk: GISC15-21953 26/11/2015 10:40:47 CONC x100 DATE: 1511200: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0474
Desv. Est.	.0024
% RSD	4.963
Rep #1	-.0461
Rep #2	-.0460
Rep #3	-.0501
53	Unk: GISC15-21967 26/11/2015 10:42:00 CONC x100 DATE: 1511200: CITRIGOC (UNAM)

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0515
Desv. Est.	.0032
% RSD	6.232
Rep #1	-.0551
Rep #2	-.0503
Rep #3	-.0490
54	Unk: GISC15-21968 26/11/2015 10:43:16 CONC x100 SIL 151120 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0364
Desv. Est.	.0289
% RSD	79.35
Rep #1	-.0031
Rep #2	-.0520
Rep #3	-.0542
55	Unk: GISC15-21969 26/11/2015 10:44:41 CONC x100 SIL 151120 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0540
Desv. Est.	.0034
% RSD	6.221
Rep #1	-.0579
Rep #2	-.0519
Rep #3	-.0522
56	Unk: GISC15-21970 26/11/2015 10:46:16 CONC x100 SIL 151120 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0539
Desv. Est.	.0001
% RSD	.2482
Rep #1	-.0539
Rep #2	-.0538
Rep #3	-.0541
57	Unk: ESTANDAR DE CHEQUEO 26/11/2015 11:01:57 CONC x100 SIL 151120 CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.5598
Desv. Est.	.0025
% RSD	.4435
Rep #1	.5572
Rep #2	.5622
Rep #3	.5599

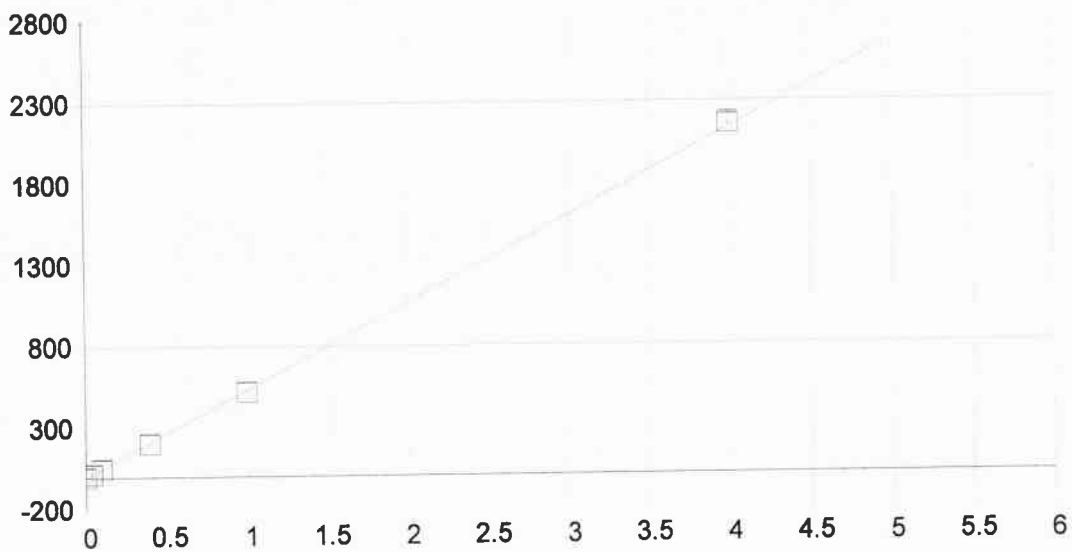


AI 308.215 (109)

Fecha de la 27/11/2015 08:45:31 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 2.152845 Reajustar P 1.000000
 A1 (Ganancia) 144.310433 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999760 Estatus: OK.
 Error Estándar de Est: 0.320245
 MDL: 0.028730
 MQL: 0.095766

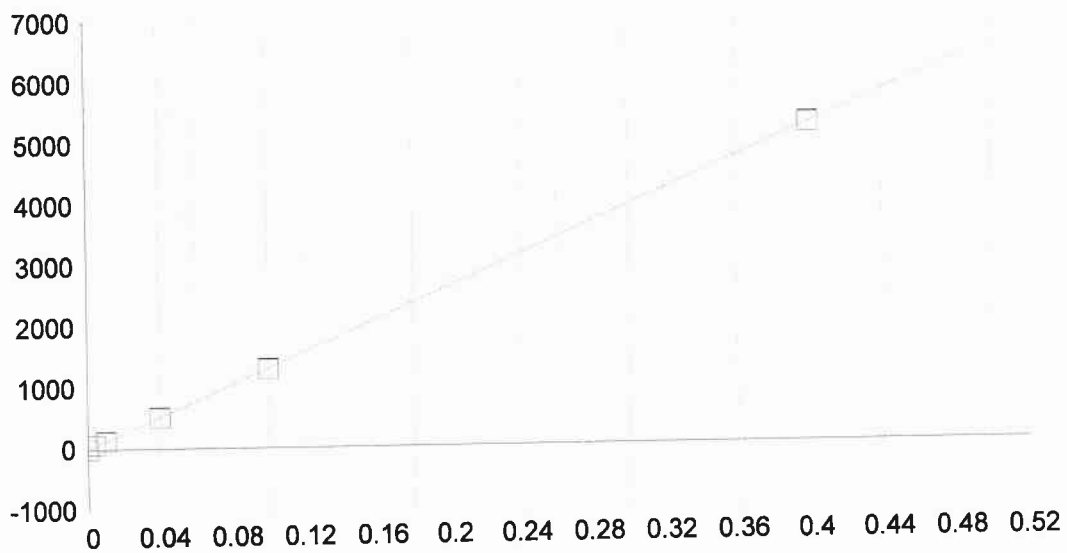
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00005	-.000	.000	2.1450	2.46	1
STD 5	.40000	.43752	.038	9.38	65.292	1.82	1
STD 6	1.0000	1.0441	.044	4.41	152.83	3.65	1
STD 7	4.0000	4.0410	.041	1.03	585.31	3.60	1
STD 8	10.000	9.8773	-.123	-1.23	1427.6	6.92	1



As 189.042 (478)

Fecha de la	27/11/2015 08:42:54	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	-0.828395	Reajustar P	1.000000		
A1 (Ganancia)	533.904456	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000	Estatus:	OK.		
Correlación:	0.999797				
Error Estándar de Est:	0.196190				
MDL:	0.001329				
MQL:	0.004428				

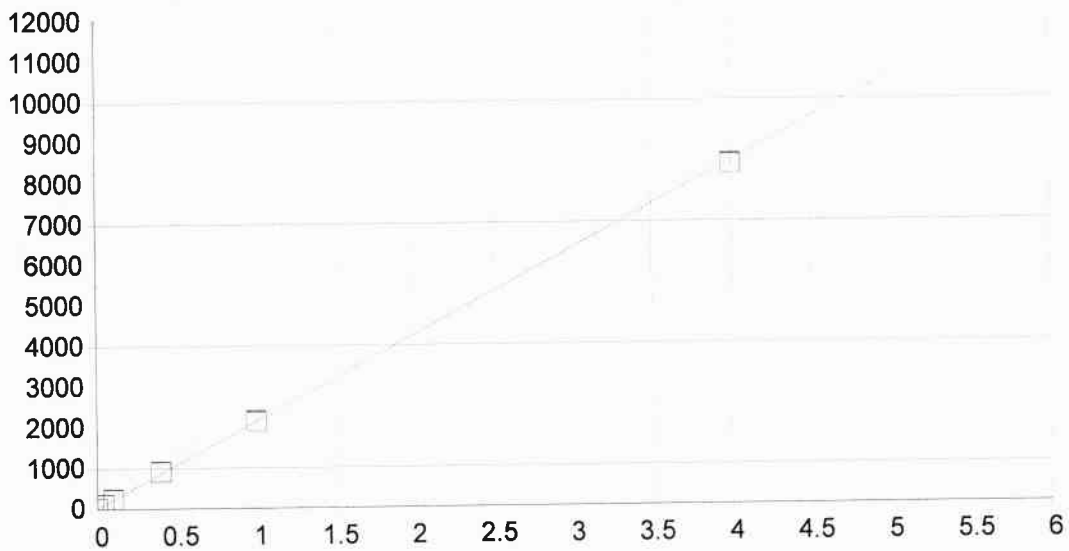
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	-.82443	.284	1
STD 4	.10000	.09339	-.007	-6.61	49.035	1.28	1
STD 5	.40000	.38507	-.015	-3.73	204.76	1.24	1
STD 6	1.0000	.97754	-.022	-2.25	521.08	1.68	1
STD 7	4.0000	4.0469	.047	1.17	2159.8	7.76	1
STD 3	.04000	.03713	-.003	-7.17	18.997	.160	1



Cd 226.502 {449}

Fecha de la	27/11/2015 08:37:14	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	-0.681806	Reajustar P	1.000000		
A1 (Ganancia)	13132.93785	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.999535	Estatus:	OK.		
Error Estándar de Est:	0.730092				
MDL:	0.000089				
MQL:	0.000295				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-.69834	.653	1
STD 1	.00400	.00541	.001	35.1	70.306	.276	1
STD 2	.01000	.00988	-.000	-1.23	129.03	1.59	1
STD 3	.04000	.03943	-.001	-1.43	517.11	.468	1
STD 4	.10000	.09892	-.001	-1.08	1298.4	4.51	1
STD 5	.40000	.40037	.000	.093	5257.4	8.92	1

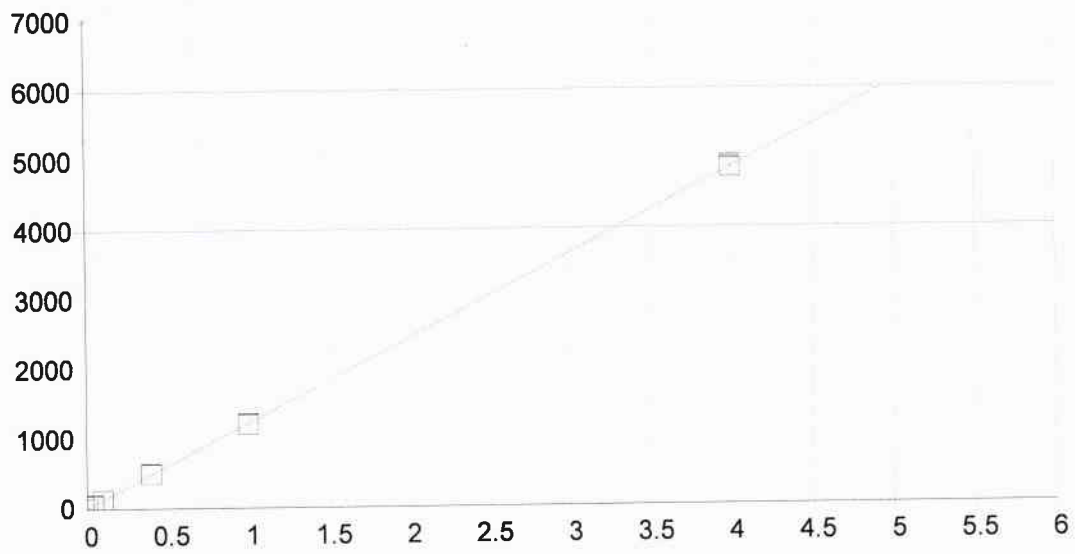


Cu 324.754 {104}

Fecha de la 27/11/2015 08:42:54 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 15.741872 Reajustar P 1.000000
 A1 (Ganancia) 2119.211355 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999826 Estatus: OK.
 Error Estándar de Est: 0.721260
 MDL: 0.001864
 MQL: 0.006213

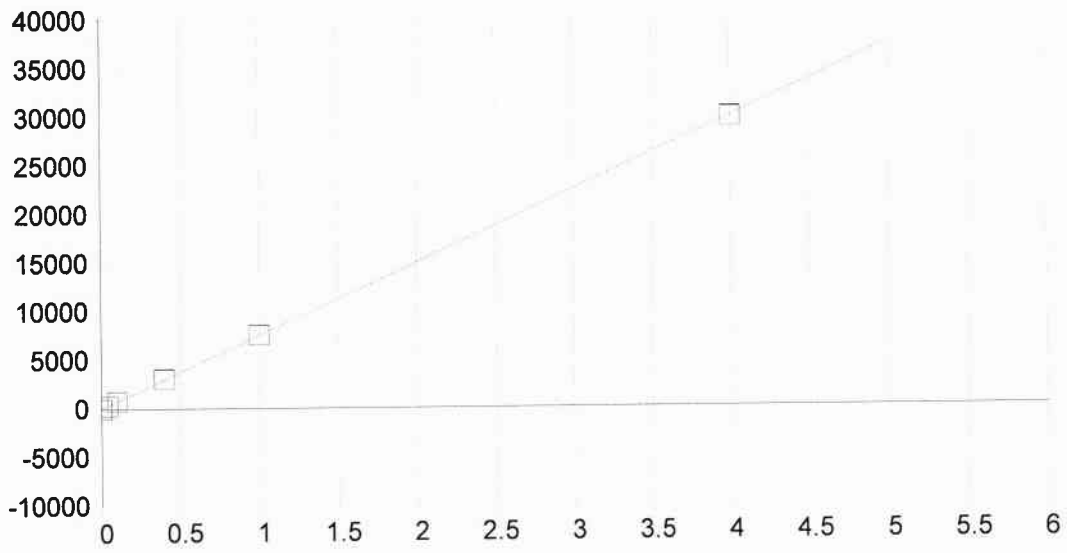
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	15.727	.670	1
STD 5	.40000	.42142	.021	5.35	908.82	2.92	1
STD 6	1.0000	1.0067	.007	.675	2149.3	18.1	1
STD 7	4.0000	3.9645	-.036	-.888	8417.3	21.0	1
STD 3	.04000	.04316	.003	7.89	107.20	1.46	1
STD 4	.10000	.10419	.004	4.19	236.55	5.95	1



Fe 259.940 {130}

Fecha de la	27/11/2015 08:42:54	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	6.308571	Reajustar P	1.000000		
A1 (Ganancia)	1212.798356	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.999977	Estatus:	OK.		
Error Estándar de Est:	0.150533				
MDL:	0.001645				
MQL:	0.005485				

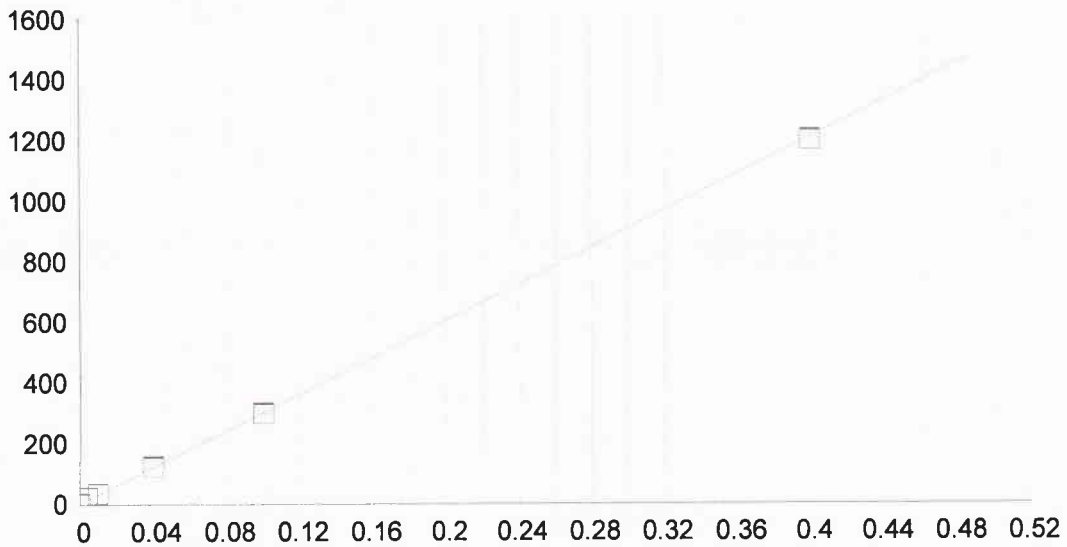
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	6.3100	.214	1
STD 5	.40000	.40777	.008	1.94	500.85	2.63	1
STD 6	1.0000	.99282	-.007	-.718	1210.4	5.91	1
STD 3	.04000	.03859	-.001	-3.52	53.113	2.06	1
STD 4	.10000	.09931	-.001	-.689	126.75	1.24	1
STD 7	4.0000	4.0015	.002	.038	4859.3	24.9	1



Fecha de la 27/11/2015 08:42:54 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 1.167566 Reajustar P 1.000000
A1 (Ganancia) 7498.733966 Y-int: 0.000000
A2 (Curvatura): 0.000000
n (Exponente): 1.000000
Correlación: 0.999973 Estatus: OK.
Error Estándar de Est: 0.999858
MDL: 0.000287
MQL: 0.000958

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	1.1500	2.11	1
STD 5	.40000	.40778	.008	1.94	3059.0	11.2	1
STD 6	1.0000	1.0062	.006	.617	7546.1	12.9	1
STD 3	.04000	.04091	.001	2.28	307.95	3.72	1
STD 4	.10000	.10142	.001	1.42	761.72	1.53	1
STD 7	4.0000	3.9837	-.016	-.407	29874.	24.4	1

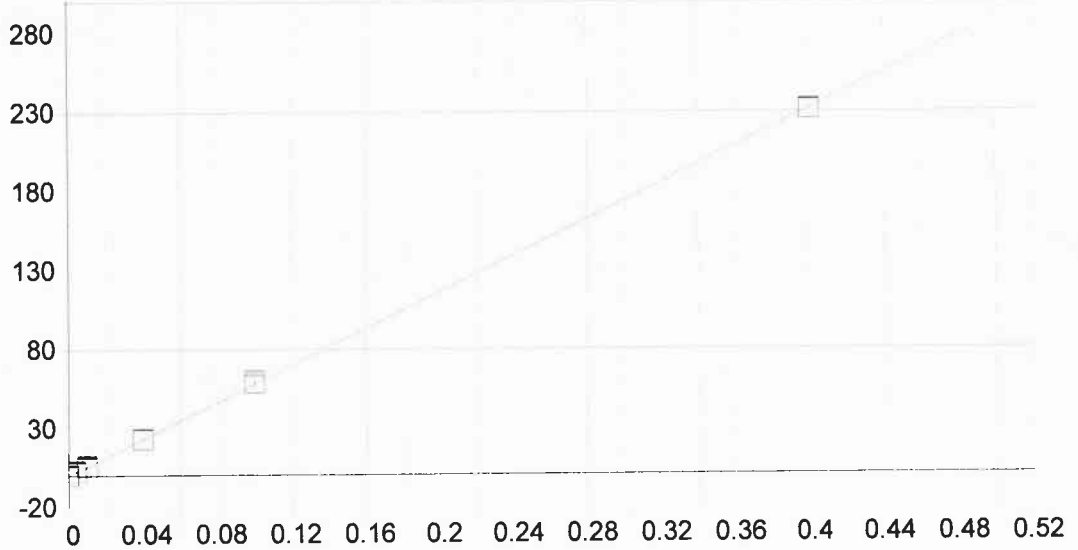


Ni 231.604 {446}

Fecha de la 27/11/2015 08:37:14 Tipo de unió Lineal Ponderación: 1/Conc

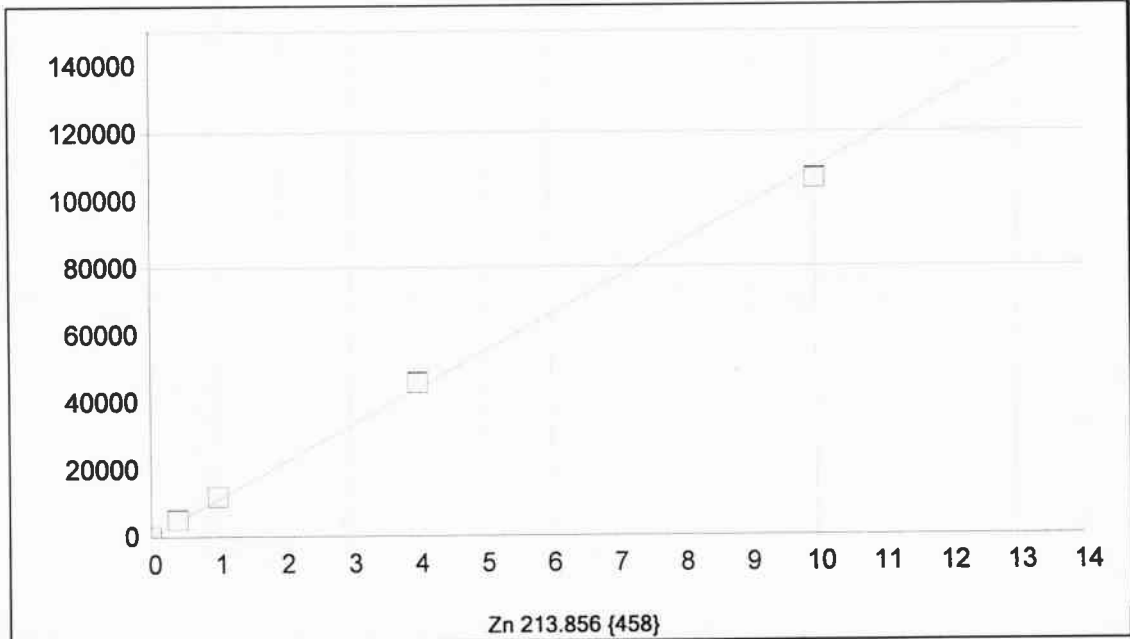
A0 (Compensación): 1.955257 Reajustar P 1.000000
 A1 (Ganancia) 3016.603331 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998002 Estatus: OK.
 Error Estándar de Est: 0.347921
 MDL: 0.000346
 MQL: 0.001155

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	1.9452	1.32	1
STD 1	.00400	.00683	.003	70.7	22.551	.518	1
STD 2	.01000	.01130	.001	13.0	36.032	.552	1
STD 3	.04000	.04054	.001	1.34	124.24	1.39	1
STD 4	.10000	.09888	-.001	-1.12	300.22	1.66	1
STD 5	.40000	.39646	-.004	-.884	1197.9	1.97	1



Pb 220.353 {453}

Fecha de la	27/11/2015 08:37:14	Tipo de unió	Lineal	Ponderación:	1/Conc		
A0 (Compensación):	0.071963	Reajustar P	1.000000				
A1 (Ganancia)	579.909657	Y-int:	0.000000				
A2 (Curvatura):	0.000000						
n (Exponente):	1.000000						
Correlación:	0.999960	Estatus:	OK.				
Error Estándar de Est:	0.009492						
MDL:	0.001883						
MQL:	0.006275						
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	.07190	.454	1
STD 1	.00400	.00422	.000	5.39	2.5166	.560	1
STD 2	.01000	.00963	-.000	-3.65	5.6593	.826	1
STD 3	.04000	.04004	.000	.101	23.292	.289	1
STD 4	.10000	.10128	.001	1.28	58.804	1.51	1
STD 5	.40000	.39883	-.001	-.292	231.36	.312	1



Fecha de la 27/11/2015 08:45:31 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 116.482980 Reajustar P 1.000000
 A1 (Ganancia) 10919.08197 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999047 Estatus: OK.
 Error Estándar de Est: 48.295966
 MDL: 0.000087
 MQL: 0.000291

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00009	-.000	.000	115.51	1.35	1
STD 5	.40000	.45123	.051	12.8	5043.5	14.7	1
STD 6	1.0000	1.0828	.083	8.28	11939.	10.8	1
STD 7	4.0000	4.1665	.166	4.16	45610.	124.	1
STD 8	10.000	9.6995	-.300	-3.00	106030.	149.	1

1	Cal: Blanco 27/11/2015 08:23:27 IR D MP-151127: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	2.145	-8244	-6983	15.73	6.310	1.150	1.945	.0719	115.5	
Desv. Est.	2.462	.2835	.6525	.67	.214	2.111	1.323	.4537	1.3	
% RSD	114.8	34.39	93.44	4.263	3.388	183.6	68.03	631.1	1.167	
Rep #1	4.305	-4982	-1.429	16.48	6.550	3.575	2.763	-.1676	117.0	
Rep #2	-5350	-1.011	-4928	15.50	6.140	.1500	2.654	-.2119	114.5	
Rep #3	2.665	-.9640	-.1733	15.20	6.240	-.2750	.4184	.5952	115.0	
2	Cal: STD 1 27/11/2015 08:25:42 IR D MP-151127: CITRICOS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	70.31	22.55	2.517							
Desv. Est.	.28	.52	.560							
% RSD	.3924	2.299	22.26							
Rep #1	70.22	22.21	2.896							
Rep #2	70.61	23.15	1.873							
Rep #3	70.08	22.29	2.780							
3	Cal: STD 2 27/11/2015 08:27:54 IR D MP-151127: CITRICOS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	129.0	36.03	5.659							
Desv. Est.	1.6	.55	.826							
% RSD	1.231	1.533	14.60							
Rep #1	128.1	36.25	6.074							
Rep #2	128.1	36.44	4.708							
Rep #3	130.9	35.40	6.197							
4	Cal: STD 3 27/11/2015 08:30:09 IR D MP-151127: CITRICOS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	19.00	517.1	107.2	53.11	308.0	124.2	23.29			
Desv. Est.	.16	.5	1.5	2.06	3.7	1.4	.29			
% RSD	.8431	.0905	1.364	3.882	1.209	1.119	1.240			
Rep #1	18.83	517.0	106.4	50.96	303.7	123.7	22.99			
Rep #2	19.02	516.7	108.9	55.07	309.7	123.2	23.32			
Rep #3	19.15	517.6	106.3	53.31	310.5	125.8	23.57			
5	Cal: STD 4 27/11/2015 08:33:02 IR D MP-151127: CITRICOS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	49.03	1298.	236.5	126.8	761.7	300.2	58.80			
Desv. Est.	1.28	5.	5.9	1.2	1.5	1.7	1.51			
% RSD	2.603	.3476	2.514	.9757	.2005	.5544	2.567			
Rep #1	50.27	1299.	231.4	125.5	762.8	301.3	60.50			
Rep #2	47.73	1303.	235.1	128.0	762.4	298.3	58.30			
Rep #3	49.10	1294.	243.1	126.8	760.0	301.1	57.61			
6	Cal: STD 5 27/11/2015 08:35:14 IR D MP-151127: CITRICOS (UNAM):									

	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	65.29	204.8	5257.	908.8	500.8	3059.	1198.	231.4	5044.
Desv. Est.	1.81	1.2	9.	2.9	2.6	11.	2.	.3	15.
% RSD	2.780	.6032	.1697	.3209	.5242	.3674	.1647	.1348	.2914
Rep #1	67.33	204.6	5247.	908.9	499.1	3072.	1196.	231.0	5041.
Rep #2	63.85	206.1	5261.	905.9	499.6	3055.	1200.	231.5	5059.
Rep #3	64.70	203.6	5264.	911.7	503.9	3050.	1198.	231.6	5030.
7	Cal: STD 6 27/11/2015 08:38:40 IR D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	152.8	521.1	2149.	1210.	7546.	11940.			
Desv. Est.	3.6	1.7	18.	6.	13.	11.			
% RSD	2.387	.3223	.8444	.4879	.1710	.0902			
Rep #1	156.9	520.7	2164.	1213.	7556.	11930.			
Rep #2	151.8	519.6	2129.	1204.	7532.	11930.			
Rep #3	149.8	522.9	2154.	1214.	7551.	11950.			
8	Cal: STD 7 27/11/2015 08:40:59 IR D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	585.3	2160.	8417.	4859.	29870.	45610.			
Desv. Est.	3.6	8.	21.	25.	24.	124.			
% RSD	.6149	.3592	.2495	.5132	.0817	.2727			
Rep #1	589.5	2151.	8430.	4844.	29900.	45470.			
Rep #2	583.6	2163.	8429.	4888.	29860.	45690.			
Rep #3	582.9	2166.	8393.	4846.	29860.	45680.			
9	Cal: STD 8 27/11/2015 08:43:36 IR D MP-151127: CITRICOS (UNAM):								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							
Unidades	Cts/s	Cts/s							
Media	1428.	106000.							
Desv. Est.	7.	150.							
% RSD	.4849	.1410							
Rep #1	1429.	105900.							
Rep #2	1420.	106000.							
Rep #3	1434.	106200.							
10	Blanco: REACTIVO 27/11/2015 08:49:55 CONC D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0237	-.0004	.0024	.0027	.0037	.0024	.0026	.0010	.0059
Desv. Est.	.0090	.0012	.0006	.0013	.0012	.0003	.0006	.0013	.0008
% RSD	37.99	344.5	25.22	45.90	33.67	14.22	21.90	130.9	13.08
Rep #1	.0296	-.0015	.0029	.0013	.0036	.0027	.0030	.0007	.0066
Rep #2	.0133	-.0005	.0025	.0036	.0050	.0024	.0029	.0024	.0059
Rep #3	.0281	.0009	.0017	.0033	.0025	.0020	.0020	-.0001	.0051
11	Blanco: MUESTRA 27/11/2015 08:54:36 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

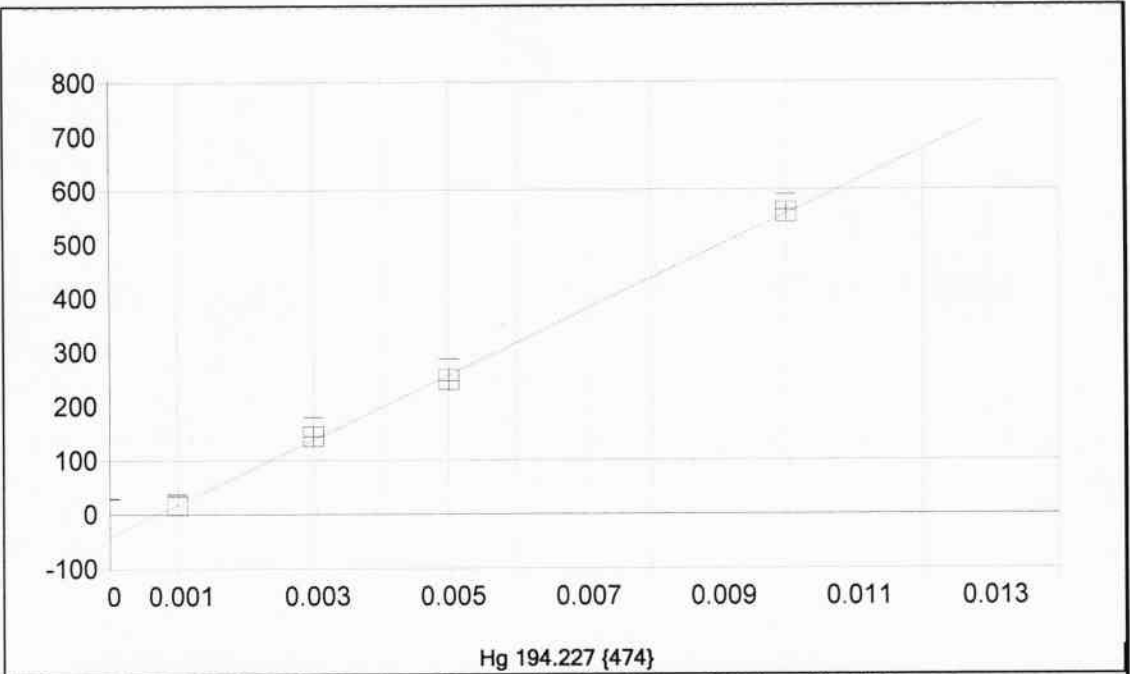
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.682	-.1135	.0620	.0652	.0677	.0529	.0919	-.0444	.4221
Desv. Est.	1.657	.1069	.0033	.1546	.1509	.0187	.0295	.1001	.0248
% RSD	98.50	94.15	5.345	237.2	222.7	35.33	32.13	225.2	5.875
Rep #1	3.189	.0021	.0621	.2303	-.0024	.0471	.1106	.0707	.4507
Rep #2	-.0921	-.1340	.0652	-.0760	.2409	.0738	.0579	-.1108	.4086
Rep #3	1.949	-.2086	.0586	.0411	-.0353	.0378	.1073	-.0932	.4069
12	Unk: RECUPERACION 27/11/2015 08:57:09 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	38.09	42.76	40.18	39.24	41.74	39.48	39.04	35.58	47.61
Desv. Est.	1.71	.16	.08	.13	.19	.04	.12	.28	.04
% RSD	4.500	.3634	.1973	.3185	.4450	.1036	.2993	.7751	.0846
Rep #1	37.65	42.66	40.26	39.12	41.52	39.51	39.17	35.89	47.65
Rep #2	36.65	42.94	40.19	39.25	41.85	39.44	38.94	35.36	47.57
Rep #3	39.99	42.67	40.10	39.37	41.84	39.51	39.02	35.50	47.61
13	Unk: GISC15-22014 27/11/2015 09:00:43 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.576	-1.070	-.0291	.6004	4.851	.8947	.2098	-.7742	.5978
Desv. Est.	.276	.065	.0035	.0856	.147	.0095	.0097	.0914	.0181
% RSD	17.51	6.109	11.92	14.26	3.038	1.057	4.641	11.81	3.032
Rep #1	1.732	-1.072	-.0252	.6876	4.945	.8874	.2206	-.8771	.5805
Rep #2	1.258	-1.134	-.0300	.5971	4.681	.9054	.2069	-.7025	.5962
Rep #3	1.739	-1.004	-.0319	.5165	4.927	.8914	.2018	-.7430	.6167
14	Unk: GISC15-22014-R 27/11/2015 09:02:44 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.473	-1.122	-.0356	.5382	5.205	.9030	.2039	-.7436	.7298
Desv. Est.	.522	.180	.0030	.0798	.161	.0025	.0203	.0550	.0211
% RSD	35.46	16.02	8.434	14.82	3.094	.2787	9.938	7.393	2.887
Rep #1	1.764	-1.289	-.0345	.6072	5.374	.9034	.2078	-.7001	.7484
Rep #2	.8697	-.9317	-.0332	.5564	5.054	.9054	.2219	-.8054	.7341
Rep #3	1.784	-1.144	-.0390	.4509	5.188	.9004	.1820	-.7252	.7069
15	Unk: GISC15-22015 27/11/2015 09:04:58 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.1513	-1.047	-.0386	.2341	2.737	.3647	.1479	-.8322	-.5547
Desv. Est.	1.199	.134	.0039	.1248	.075	.0317	.0140	.1598	.0109
% RSD	792.6	12.79	10.12	53.30	2.733	8.694	9.455	19.20	1.970
Rep #1	-1.109	-1.023	-.0341	.1808	2.659	.3630	.1587	-.7546	-.5615
Rep #2	.2841	-1.192	-.0413	.3766	2.742	.3339	.1321	-1.016	-.5421
Rep #3	1.278	-.9277	-.0403	.1448	2.808	.3973	.1528	-.7261	-.5606
16	Unk: GISC15-22016 27/11/2015 09:07:08 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.944	-1.221	-.0336	.6325	3.987	.8626	.2637	-.7455	.6376

Desv. Est.	1.509	.075	.0025	.1053	.225	.0225	.0379	.1090	.0105
% RSD	77.63	6.178	7.443	16.64	5.649	2.607	14.37	14.62	1.654
Rep #1	3.562	-1.285	-.0330	.7295	3.909	.8470	.2866	-.8231	.6412
Rep #2	1.694	-1.240	-.0363	.5206	3.812	.8884	.2846	-.6209	.6459
Rep #3	.5751	-1.137	-.0314	.6475	4.241	.8524	.2200	-.7925	.6258
17	Unk: GISC15-22017 27/11/2015 09:09:39 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-6.179	-8.344	-.0332	.3669	4.011	.5332	.1727	-.8466	.7295
Desv. Est.	2.591	.0278	.0045	.0914	.154	.0108	.0081	.1302	.0342
% RSD	419.3	3.333	13.54	24.92	3.847	2.030	4.683	15.37	4.684
Rep #1	-3.174	-.8024	-.0336	.3818	3.843	.5280	.1764	-.7275	.7209
Rep #2	-.6860	-.8525	-.0375	.2690	4.044	.5456	.1783	-.8269	.7005
Rep #3	2.006	-.8483	-.0286	.4500	4.147	.5260	.1634	-.9855	.7672
18	Unk: GISC15-22018 27/11/2015 09:11:45 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.144	-.9239	-.0357	.3719	3.669	.5406	.1778	-.8670	.3562
Desv. Est.	.856	.0743	.0063	.0115	.090	.0370	.0094	.0300	.0414
% RSD	39.93	8.041	17.50	3.084	2.462	6.838	5.273	3.459	11.63
Rep #1	3.129	-1.002	-.0418	.3586	3.680	.5183	.1883	-.9014	.3289
Rep #2	1.583	-.9167	-.0360	.3779	3.754	.5833	.1704	-.8528	.3357
Rep #3	1.719	-.8535	-.0293	.3790	3.574	.5203	.1747	-.8468	.4038
19	Unk: GISC15-22019 27/11/2015 09:15:45 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.858	-.7874	-.0309	.1662	2.318	.3178	.1645	-.7787	-.3929
Desv. Est.	1.888	.0369	.0023	.1783	.149	.0325	.0218	.0279	.0062
% RSD	101.6	4.685	7.494	107.3	6.414	10.22	13.26	3.589	1.584
Rep #1	2.706	-.7702	-.0297	-.0382	2.192	.2826	.1896	-.7479	-.3998
Rep #2	-.3049	-.8297	-.0294	.2471	2.278	.3466	.1510	-.8024	-.3876
Rep #3	3.174	-.7622	-.0335	.2898	2.482	.3243	.1528	-.7858	-.3915
20	Unk: GISC15-22020 27/11/2015 09:18:00 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.202	-.8859	-.0364	.1400	3.165	.4899	.1584	-1.009	-.1352
Desv. Est.	.908	.0985	.0025	.1449	.054	.0289	.0350	.053	.0014
% RSD	41.23	11.11	6.746	103.5	1.703	5.907	22.11	5.213	1.071
Rep #1	3.059	-.7732	-.0372	.2323	3.185	.4926	.1180	-.9519	-.1357
Rep #2	1.251	-.9548	-.0336	-.0270	3.104	.5173	.1772	-1.020	-.1336
Rep #3	2.297	-.9298	-.0383	.2147	3.207	.4596	.1800	-1.055	-.1364
21	Unk: GISC15-22021 27/11/2015 09:20:13 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.427	-.9930	-.0300	.1922	3.463	.4907	.2137	-.7729	1.151
Desv. Est.	2.567	.2131	.0037	.0587	.012	.0349	.0200	.0966	.062
% RSD	179.9	21.46	12.38	30.54	.3566	7.109	9.360	12.50	5.402

Rep #1	3.718	-.8216	-.0338	.2550	3.473	.5140	.2062	-.8581	1.118
Rep #2	-1.348	-.9259	-.0298	.1827	3.449	.4506	.1985	-.6679	1.112
Rep #3	1.913	-1.232	-.0264	.1388	3.466	.5076	.2364	-.7927	1.223
22	Unk: GISC15-22037 27/11/2015 09:22:28 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.9343	-.9095	-.0265	.2680	3.041	.4037	.1765	-.7439	.4530
Desv. Est.	.4702	.1785	.0081	.1225	.059	.0109	.0086	.1161	.0205
% RSD	50.33	19.62	30.40	45.73	1.949	2.702	4.855	15.61	4.530
Rep #1	.7657	-.8992	-.0222	.3241	3.016	.3936	.1752	-.6206	.4418
Rep #2	.5717	-1.093	-.0358	.1274	3.109	.4153	.1686	-.7597	.4767
Rep #3	1.466	-.7364	-.0215	.3524	2.998	.4023	.1856	-.8512	.4406
23	Unk: GISC15-22038 27/11/2015 09:24:38 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	9.175	-1.094	-.0236	.2264	4.239	.7055	.2046	-.7959	.8379
Desv. Est.	.338	.033	.0031	.0935	.207	.0332	.0205	.0385	.0215
% RSD	3.684	3.021	13.15	41.29	4.894	4.703	10.01	4.843	2.566
Rep #1	9.095	-1.086	-.0230	.2359	4.414	.7047	.2218	-.8403	.8565
Rep #2	8.884	-1.065	-.0270	.3147	4.293	.6727	.1819	-.7761	.8427
Rep #3	9.545	-1.130	-.0209	.1285	4.010	.7390	.2100	-.7712	.8144
24	Unk: ESTANDAR DE CHEQUEO 27/11/2015 09:30:20 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	37.81	42.67	39.92	38.66	41.55	39.09	38.64	34.91	47.51
Desv. Est.	2.17	.20	.10	.23	.32	.21	.14	.30	.10
% RSD	5.725	.4610	.2403	.5905	.7699	.5301	.3581	.8645	.2111
Rep #1	37.74	42.57	39.96	38.90	41.92	39.32	38.74	35.26	47.44
Rep #2	35.68	42.90	39.99	38.65	41.35	38.98	38.70	34.75	47.62
Rep #3	40.00	42.55	39.81	38.44	41.38	38.95	38.49	34.73	47.46
25	Unk: GISC15-22039 27/11/2015 09:33:02 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.117	-.5501	-.0336	.2018	3.245	.4350	.0562	-.7344	.5339
Desv. Est.	1.999	.1785	.0052	.1026	1.157	.1642	.0460	.2436	.5605
% RSD	39.05	32.44	15.63	50.86	35.64	37.76	81.84	33.17	105.0
Rep #1	7.248	-.7439	-.0318	.3129	4.492	.6053	.1056	-.9913	1.126
Rep #2	3.285	-.3926	-.0295	.1817	3.036	.4220	.0484	-.7054	.4644
Rep #3	4.819	-.5137	-.0395	.1107	2.207	.2776	.0146	-.5067	.0115
26	Unk: GISC15-22040 27/11/2015 09:35:16 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.462	-1.233	-.0289	.4573	8.333	1.668	.1481	-.8941	4.681
Desv. Est.	.530	.081	.0078	.1644	.196	.023	.0284	.1263	.012
% RSD	21.52	6.573	27.07	35.94	2.353	1.400	19.19	14.13	.2544
Rep #1	3.070	-1.161	-.0373	.2737	8.553	1.674	.1176	-.7497	4.668
Rep #2	2.221	-1.217	-.0219	.5907	8.177	1.642	.1738	-.9479	4.692

Rep #3	2.096	-1.320	-.0273	.5075	8.268	1.688	.1528	-.9845	4.682
27	Unk: GISC15-22041 27/11/2015 09:37:25 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.668	-1.119	-.0319	.4219	4.467	.8236	.1425	-.9878	.5773
Desv. Est.	1.476	.103	.0047	.1407	.233	.0274	.0115	.0592	.0076
% RSD	88.51	9.204	14.69	33.34	5.220	3.329	8.052	5.989	1.309
Rep #1	.1802	-1.083	-.0267	.2595	4.579	.7924	.1385	-.9202	.5810
Rep #2	3.132	-1.236	-.0332	.5070	4.624	.8437	.1554	-1.030	.5823
Rep #3	1.691	-1.040	-.0358	.4991	4.199	.8347	.1336	-1.014	.5686
28	Unk: GISC15-22042 27/11/2015 09:39:36 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.7680	-1.149	-.0262	.3844	3.702	.8137	.2301	-.9258	2.238
Desv. Est.	.6769	.205	.0053	.1941	.172	.0176	.0211	.0636	.023
% RSD	88.14	17.82	20.10	50.48	4.644	2.167	9.169	6.874	1.018
Rep #1	-.0069	-.9288	-.0304	.4476	3.529	.7934	.2203	-.9579	2.254
Rep #2	1.067	-1.183	-.0279	.5390	3.705	.8230	.2156	-.9670	2.247
Rep #3	1.244	-1.334	-.0203	.1667	3.873	.8247	.2543	-.8525	2.212
29	Unk: GISC15-22043 27/11/2015 09:41:47 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.108	-.6183	-.0360	.3485	2.816	.5942	.1739	-.9481	.8002
Desv. Est.	.749	.0426	.0057	.1283	.172	.0330	.0123	.2642	.0204
% RSD	35.55	6.885	15.83	36.80	6.114	5.548	7.090	27.87	2.547
Rep #1	2.411	-.5723	-.0363	.4965	2.712	.6217	.1636	-1.184	.8227
Rep #2	1.254	-.6564	-.0415	.2694	2.721	.6033	.1876	-.9973	.7830
Rep #3	2.657	-.6261	-.0301	.2797	3.015	.5576	.1706	-.6627	.7948
30	Unk: GISC15-22044 27/11/2015 09:43:58 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.5105	-.8916	-.0310	.3523	3.575	.6451	.1719	-.8984	.8169
Desv. Est.	1.893	.1057	.0053	.1262	.177	.0139	.0359	.0957	.0129
% RSD	370.8	11.85	17.07	35.81	4.961	2.157	20.87	10.65	1.573
Rep #1	-.6271	-1.014	-.0342	.4195	3.374	.6297	.2124	-.8804	.8208
Rep #2	2.696	-.8335	-.0338	.2068	3.640	.6567	.1440	-.8129	.8273
Rep #3	-.5370	-.8277	-.0249	.4307	3.710	.6490	.1595	-1.002	.8025
31	Unk: GISC15-22045 27/11/2015 09:46:09 CONC x100 D MP-151127: CITRICOS (UNAM):								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.357	-.8866	-.0336	.2893	10.13	.5239	.1780	-.9185	2.312
Desv. Est.	1.426	.1002	.0024	.1248	.22	.0592	.0425	.1835	.062
% RSD	60.51	11.30	7.205	43.15	2.169	11.30	23.87	19.98	2.675
Rep #1	3.184	-.8562	-.0358	.1523	10.30	.5920	.1541	-.8719	2.380
Rep #2	3.177	-.9985	-.0310	.3966	10.22	.4846	.2270	-.7628	2.294
Rep #3	.7103	-.8051	-.0340	.3192	9.882	.4950	.1528	-1.121	2.260

32	Unk: GISC15-22046 27/11/2015 09:48:21 CONC x100 D MP-151127: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4920	-.8195	-.0115	.4591	75.26	.7020	.1854	-.8088	8.616	
Desv. Est.	.8370	.0780	.0034	.1798	1.16	.0276	.0474	.0551	.087	
% RSD	170.1	9.524	29.45	39.16	1.545	3.938	25.55	6.817	1.013	
Rep #1	.8489	-.8880	-.0081	.3059	76.33	.6790	.1616	-.7535	8.714	
Rep #2	-.4643	-.7345	-.0148	.6570	75.42	.6943	.1547	-.8091	8.590	
Rep #3	1.091	-.8360	-.0117	.4144	74.02	.7327	.2399	-.8638	8.545	
33	Unk: GISC15-22047 27/11/2015 09:52:47 CONC x100 D MP-151127: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.394	-.2028	-.0406	.1557	3.961	.2835	.0385	-.4602	-.5652	
Desv. Est.	2.958	.4057	.0164	.0573	.698	.0923	.0910	.2746	.7427	
% RSD	212.2	200.0	40.31	36.81	17.63	32.56	236.2	59.68	131.4	
Rep #1	2.481	-.5454	-.0280	.1705	4.538	.3536	.1177	-.6307	-.0265	
Rep #2	-1.954	-.3083	-.0348	.0924	3.184	.1789	.0587	-.6064	-.2566	
Rep #3	3.655	.2452	-.0591	.2042	4.159	.3179	-.0609	-.1434	-1.412	
34	Unk: GISC15-22049 27/11/2015 09:55:04 CONC x100 D MP-151127: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.0289	-.9329	-.0213	.6667	5.555	1.151	.1561	-.8664	1.758	
Desv. Est.	.9936	.2057	.0020	.0879	.089	.037	.0294	.1396	.030	
% RSD	3441.	22.05	9.292	13.18	1.610	3.262	18.83	16.12	1.706	
Rep #1	1.022	-1.156	-.0233	.5690	5.639	1.108	.1699	-.8464	1.782	
Rep #2	-.1559	-.7503	-.0212	.7393	5.461	1.167	.1224	-1.015	1.768	
Rep #3	-.9528	-.8927	-.0194	.6917	5.565	1.177	.1761	-.7379	1.724	
35	Unk: ESTANDAR DE CHEQUEO 27/11/2015 10:00:28 CONC x100 D MP-151127: CITRICOS (UNAM):									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	36.44	42.67	39.58	38.41	41.66	38.95	38.39	34.33	47.40	
Desv. Est.	1.17	.24	.00	.13	.07	.11	.04	.13	.08	
% RSD	3.223	.5630	.0112	.3275	.1751	.2780	.1164	.3837	.1770	
Rep #1	36.64	42.66	39.59	38.29	41.63	39.07	38.41	34.40	47.33	
Rep #2	35.18	42.91	39.59	38.54	41.74	38.93	38.42	34.41	47.38	
Rep #3	37.51	42.43	39.58	38.40	41.61	38.85	38.34	34.18	47.49	



Fecha de la 30/11/2015 22:38:25 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -41.822521 Reajustar P 1.000000
 A1 (Ganancia) 59724.73706 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999594 Estatus: OK.
 Error Estándar de Est: 5.717195
 MDL: 0.000029
 MQL: 0.000097

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00089	.001	.000	11.137	.730	0
STD 1	.00100	.00099	-.000	-1.05	17.273	2.66	1
STD 2	.00300	.00310	.000	3.33	143.31	17.5	1
STD 3	.00500	.00486	-.000	-2.76	248.55	20.1	1
STD 4	.01000	.01005	.000	.488	558.34	14.5	1

1	Cal: Blanco 30/11/2015 08:49:28 IR D Hg-151130: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	11.14
Desv. Est.	.73
% RSD	6.556
Rep #1	11.88
Rep #2	10.42
Rep #3	11.11
2	Cal: STD 1 30/11/2015 08:50:55 IR D Hg-151130: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	17.27
Desv. Est.	2.66
% RSD	15.38
Rep #1	15.08
Rep #2	16.51
Rep #3	20.23
3	Cal: STD 2 30/11/2015 08:52:17 IR D Hg-151130: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	143.3
Desv. Est.	17.5
% RSD	12.21
Rep #1	124.0
Rep #2	147.8
Rep #3	158.1
4	Cal: STD 3 30/11/2015 08:53:39 IR D Hg-151130: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	248.6
Desv. Est.	20.1
% RSD	8.100
Rep #1	226.2
Rep #2	254.3
Rep #3	265.2
5	Cal: STD 4 30/11/2015 08:55:04 IR D Hg-151130: CITRICOS (UNAM):
	Hg1942
Unidades	Cts/s
Media	558.3
Desv. Est.	14.5
% RSD	2.604
Rep #1	542.0
Rep #2	563.2
Rep #3	569.8

1	Blanco: MUESTRA 30/11/2015 08:59:33 CONC x100 D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0960
Desv. Est.	.0020
% RSD	2.127
Rep #1	.0953
Rep #2	.0983
Rep #3	.0944
2	QC: QC 30/11/2015 09:03:17 CONC D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0052
Desv. Est.	.0001
% RSD	1.900
Rep #1	.0053
Rep #2	.0051
Rep #3	.0053
Comprobación	Ninguno
Valor	
Intervalo	
3	Unk: REACTIVO 30/11/2015 09:04:30 CONC D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0950
Desv. Est.	.0001
% RSD	.0544
Rep #1	-.0950
Rep #2	-.0950
Rep #3	-.0949
4	Unk: RECUPERACION1 30/11/2015 09:08:53 CONC x100 D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4140
Desv. Est.	.0030
% RSD	.7185
Rep #1	.4125
Rep #2	.4121
Rep #3	.4174
5	QC: QC 30/11/2015 10:16:02 CONC D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0053
Desv. Est.	.0000
% RSD	.3163
Rep #1	.0053
Rep #2	.0053

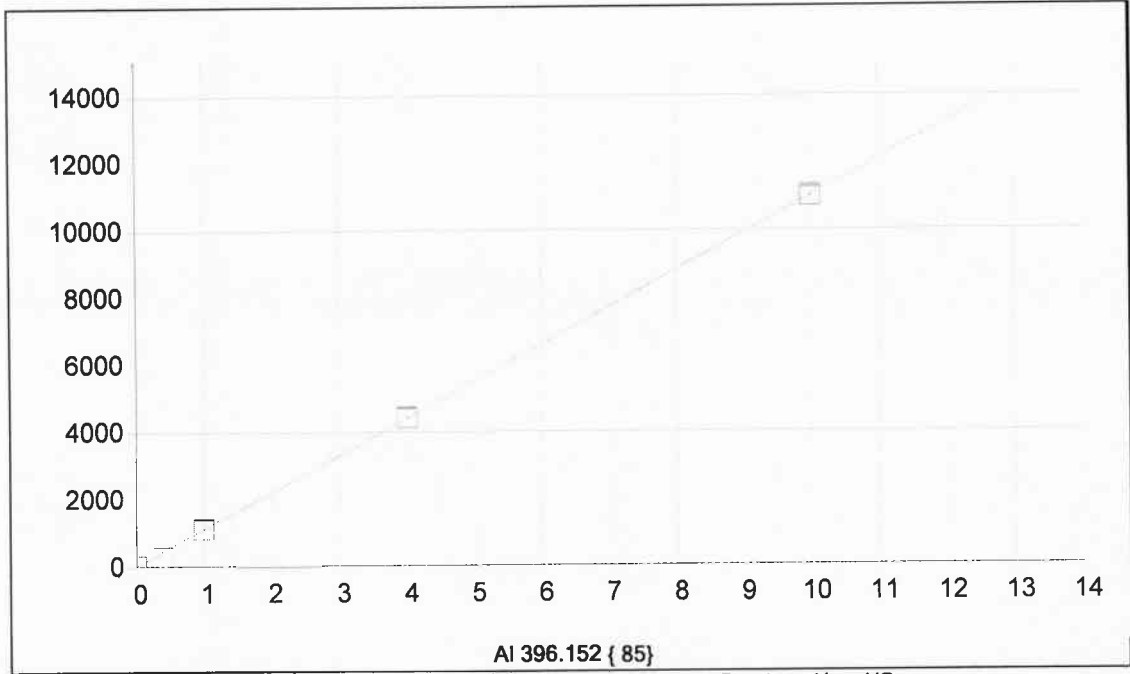
1	Unk: GISC15-22014 30/11/2015 09:41:52 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0456
Desv. Est.	.0016
% RSD	3.483
Rep #1	-0456
Rep #2	-0472
Rep #3	-0440
2	Unk: GISC15-22014-R 30/11/2015 09:42:38 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0527
Desv. Est.	.0029
% RSD	5.582
Rep #1	-0495
Rep #2	-0553
Rep #3	-0532
3	Unk: GISC15-22015 30/11/2015 09:43:20 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0509
Desv. Est.	.0029
% RSD	5.756
Rep #1	-0538
Rep #2	-0510
Rep #3	-0480
4	Unk: GISC15-22016 30/11/2015 09:44:40 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0005
Desv. Est.	.0000
% RSD	5.756
Rep #1	-0005
Rep #2	-0006
Rep #3	-0005
5	Unk: GISC15-22017 30/11/2015 09:46:07 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0481
Desv. Est.	.0022
% RSD	4.571
Rep #1	-0457
Rep #2	-0484
Rep #3	-0501
6	Unk: GISC15-22018 30/11/2015 09:47:31 CONC x100 D Hg-151130: CITRICOS (UNAM):

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.490
Desv. Est.	.0038
% RSD	7.679
Rep #1	-.0447
Rep #2	-.0510
Rep #3	-.0513
7	Unk: GISC15-22019 30/11/2015 09:48:46 CONC x100 DATE: 151120: CITRIGOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.473
Desv. Est.	.0023
% RSD	4.814
Rep #1	-.0495
Rep #2	-.0474
Rep #3	-.0450
8	Unk: GISC15-22020 30/11/2015 09:50:01 CONC x100 DATE: 151120: CITRIGOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.513
Desv. Est.	.0014
% RSD	2.791
Rep #1	-.0519
Rep #2	-.0496
Rep #3	-.0523
9	Unk: GISC15-22021 30/11/2015 09:51:27 CONC x100 DATE: 151120: CITRIGOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.502
Desv. Est.	.0010
% RSD	1.942
Rep #1	-.0502
Rep #2	-.0492
Rep #3	-.0512
10	Unk: GISC15-22037 30/11/2015 09:52:48 CONC x100 DATE: 151120: CITRIGOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.495
Desv. Est.	.0033
% RSD	6.742
Rep #1	-.0517
Rep #2	-.0457
Rep #3	-.0513
11	Unk: GISC15-22038 30/11/2015 09:54:06 CONC x100 DATE: 151120: CITRIGOC (UNAMA) Hg1942
Línea	194.227 {47

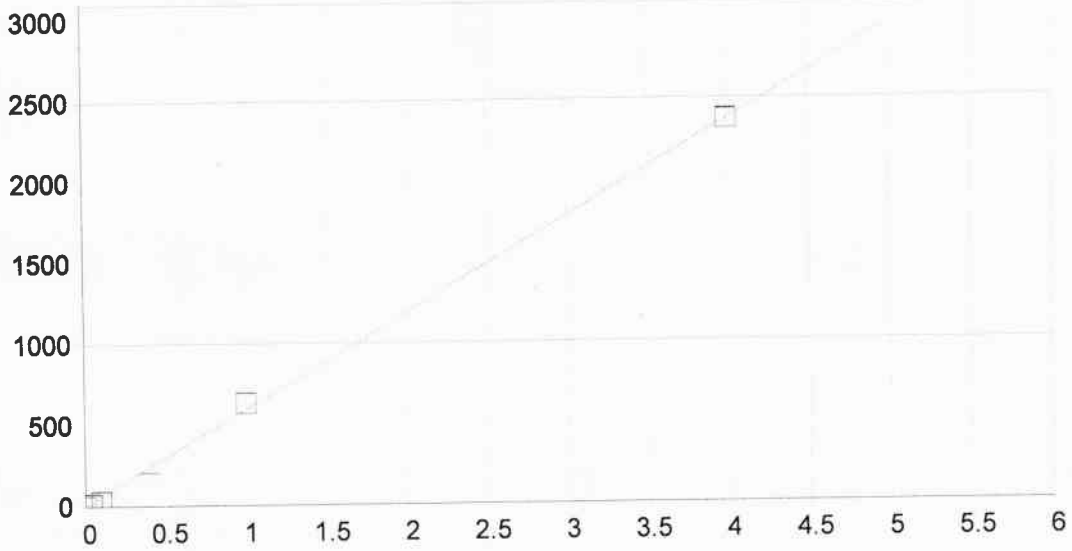
Unidades	mg/kg
Media	-0.0554
Desv. Est.	.0020
% RSD	3.619
Rep #1	-0.0533
Rep #2	-0.0557
Rep #3	-0.0573
12	Unk: GISC15-22039 30/11/2015 09:56:33 CONC x100 D.H. 151120: CITRICO (UNAMA) Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-0.0520
Desv. Est.	.0025
% RSD	4.752
Rep #1	-0.0510
Rep #2	-0.0548
Rep #3	-0.0502
13	Unk: GISC15-22040 30/11/2015 09:57:48 CONC x100 D.H. 151120: CITRICO (UNAMA) Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-0.0543
Desv. Est.	.0015
% RSD	2.713
Rep #1	-0.0552
Rep #2	-0.0526
Rep #3	-0.0552
14	Unk: GISC15-22041 30/11/2015 09:59:09 CONC x100 D.H. 151120: CITRICO (UNAMA) Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-0.0547
Desv. Est.	.0036
% RSD	6.624
Rep #1	-0.0579
Rep #2	-0.0555
Rep #3	-0.0508
15	Unk: GISC15-22042 30/11/2015 10:00:29 CONC x100 D.H. 151120: CITRICO (UNAMA) Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-0.0520
Desv. Est.	.0008
% RSD	1.539
Rep #1	-0.0529
Rep #2	-0.0516
Rep #3	-0.0515
16	Unk: GISC15-22043 30/11/2015 10:01:56 CONC x100 D.H. 151120: CITRICO (UNAMA) Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-0.0515

Desv. Est.	.0026
% RSD	5.010
Rep #1	-.0541
Rep #2	-.0514
Rep #3	-.0490
17	Unk: GISC15-22044 30/11/2015 10:03:14 CONC x100 D.H. 151120: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0496
Desv. Est.	.0020
% RSD	4.064
Rep #1	-.0490
Rep #2	-.0480
Rep #3	-.0519
18	Unk: GISC15-22045 30/11/2015 10:04:32 CONC x100 D.H. 151120: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0150
Desv. Est.	.0384
% RSD	256.6
Rep #1	.0271
Rep #2	-.0239
Rep #3	-.0481
19	Unk: GISC15-22046 30/11/2015 10:05:53 CONC x100 D.H. 151120: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0475
Desv. Est.	.0006
% RSD	1.163
Rep #1	-.0481
Rep #2	-.0473
Rep #3	-.0470
20	Unk: GISC15-22047 30/11/2015 10:07:07 CONC x100 D.H. 151120: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0502
Desv. Est.	.0024
% RSD	4.816
Rep #1	-.0518
Rep #2	-.0474
Rep #3	-.0514
21	Unk: GISC15-22048 30/11/2015 10:08:31 CONC x100 D.H. 151120: CITRICOS (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0495
Desv. Est.	.0014
% RSD	2.730

Rep #1	-0486
Rep #2	-0510
Rep #3	-0488
22	Unk: GISC15-22049 30/11/2015 10:18:01 CONC x100 SILV 151120: CITRUS (UNAN) Hg1942
Línea	194.227 (47
Unidades	mg/kg
Media	-0501
Desv. Est.	.0037
% RSD	7.378
Rep #1	-0505
Rep #2	-0536
Rep #3	-0462



Fecha de la	29/11/2015 17:27:28	Tipo de unió	Lineal	Ponderación:	1/Conc		
A0 (Compensación):	9.439048	Reajustar P	1.000000				
A1 (Ganancia)	1099.355030	Y-int:	0.000000				
A2 (Curvatura):	0.000000						
n (Exponente):	1.000000						
Correlación:	0.999992	Estatus:	OK.				
Error Estándar de Est:	0.490112						
MDL:	0.013180						
MQL:	0.043933						
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	9.4417	1.91	1
STD 5	.40000	.23025	-.170	-42.4	262.57	3.02	0
STD 6	1.0000	.98964	-.010	-1.04	1097.4	17.7	1
STD 7	4.0000	4.0225	.022	.562	4431.6	27.6	1
STD 8	10.000	9.9879	-.012	-.121	10990.	42.2	1

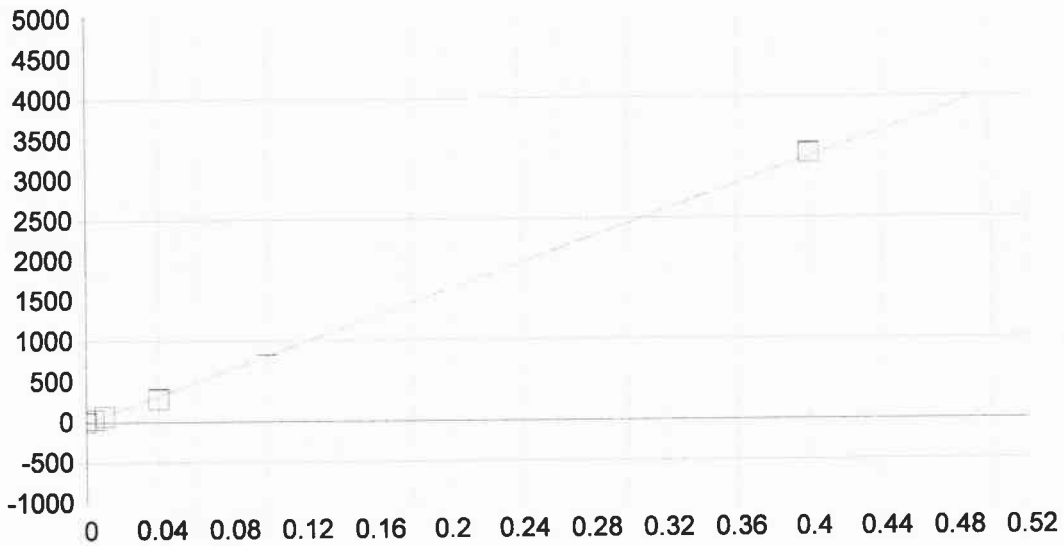


As 189.042 {478}

Fecha de la 29/11/2015 17:27:28 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 0.413080 Reajustar P 1.000000
 A1 (Ganancia) 592.459430 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.996531 Estatus: OK.
 Error Estándar de Est: 0.915147
 MDL: 0.002515
 MQL: 0.008382

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00004	.000	.000	.43403	.058	1
STD 4	.10000	.05288	-.047	-47.1	31.745	.933	1
STD 5	.40000	.24345	-.157	-39.1	144.64	.397	0
STD 6	1.0000	1.0665	.066	6.65	632.26	1.18	1
STD 7	4.0000	3.9998	-.000	-.005	2370.1	4.69	1
STD 3	.04000	.02083	-.019	-47.9	12.752	.355	1

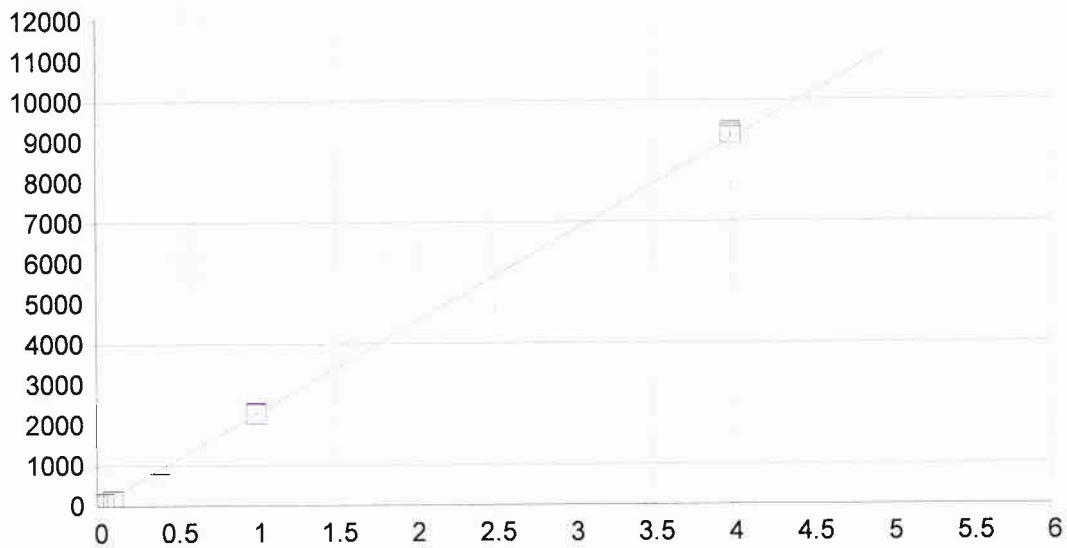


Cd 226.502 {449}

Fecha de la 29/11/2015 17:27:28 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.463348 Reajustar P 1.000000
 A1 (Ganancia) 8135.713960 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999164 Estatus: OK.
 Error Estándar de Est: 0.578677
 MDL: 0.000166
 MQL: 0.000553

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	-1.4565	1.12	1
STD 1	.00400	.00399	-.000	-.304	30.981	.296	1
STD 2	.01000	.00898	-.001	-10.2	71.621	.770	1
STD 3	.04000	.03522	-.005	-12.0	285.05	1.27	1
STD 4	.10000	.08699	-.013	-13.0	706.25	1.41	0
STD 5	.40000	.40581	.006	1.45	3300.1	7.12	1

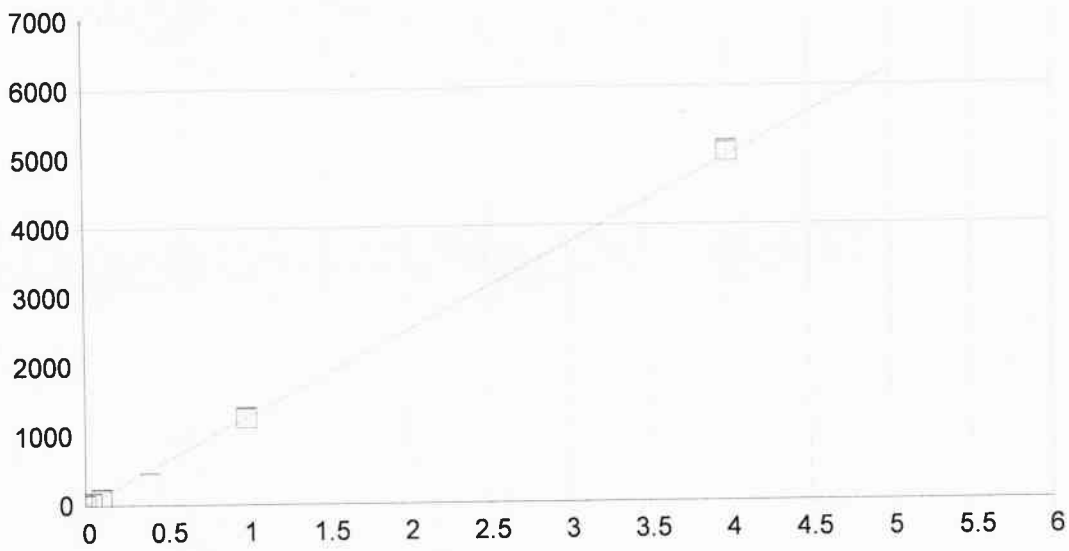


Cu 324.754 {104}

Fecha de la 29/11/2015 17:27:28 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 9.342024 Reajustar P 1.000000
 A1 (Ganancia) 2253.297071 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.996818 Estatus: OK.
 Error Estándar de Est: 3.332943
 MDL: 0.003401
 MQL: 0.011337

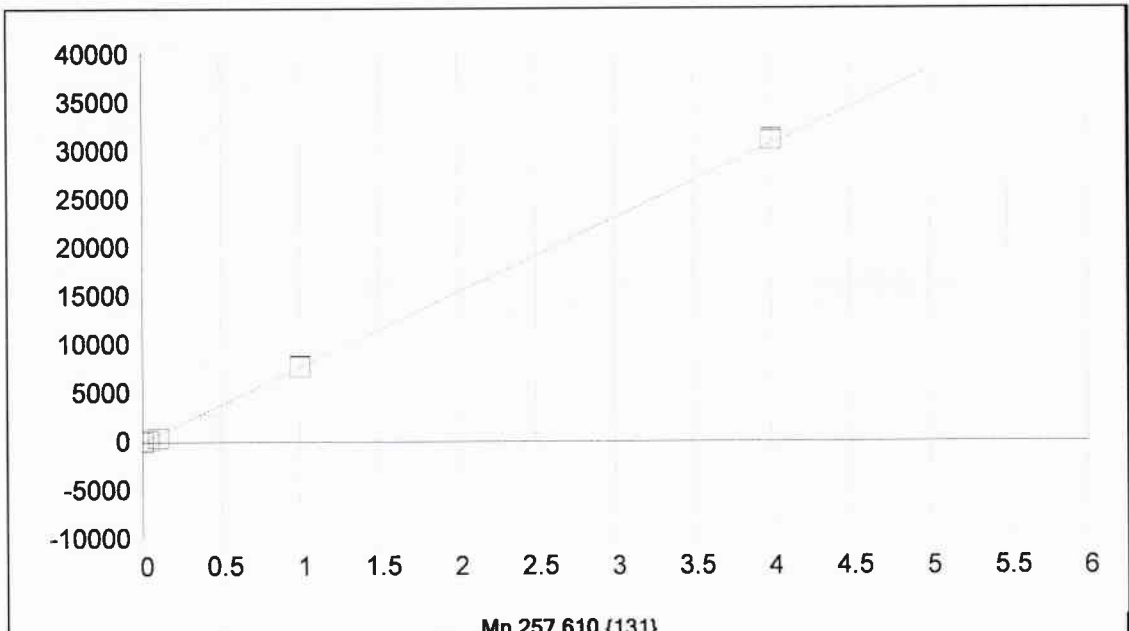
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00004	.000	.000	9.4258	1.94	1
STD 5	.40000	.24113	-.159	-39.7	552.67	5.29	0
STD 6	1.0000	1.0068	.007	.678	2277.9	16.7	1
STD 7	4.0000	4.0600	.060	1.50	9157.8	61.9	1
STD 3	.04000	.02115	-.019	-47.1	57.006	4.14	1
STD 4	.10000	.05204	-.048	-48.0	126.60	4.89	1



Fe 259.940 {130}

Fecha de la	29/11/2015 17:27:28	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	6.020096	Reajustar P	1.000000		
A1 (Ganancia)	1243.964919	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.997991	Estatus:	OK.		
Error Estándar de Est:	1.460762				
MDL:	0.003038				
MQL:	0.010127				

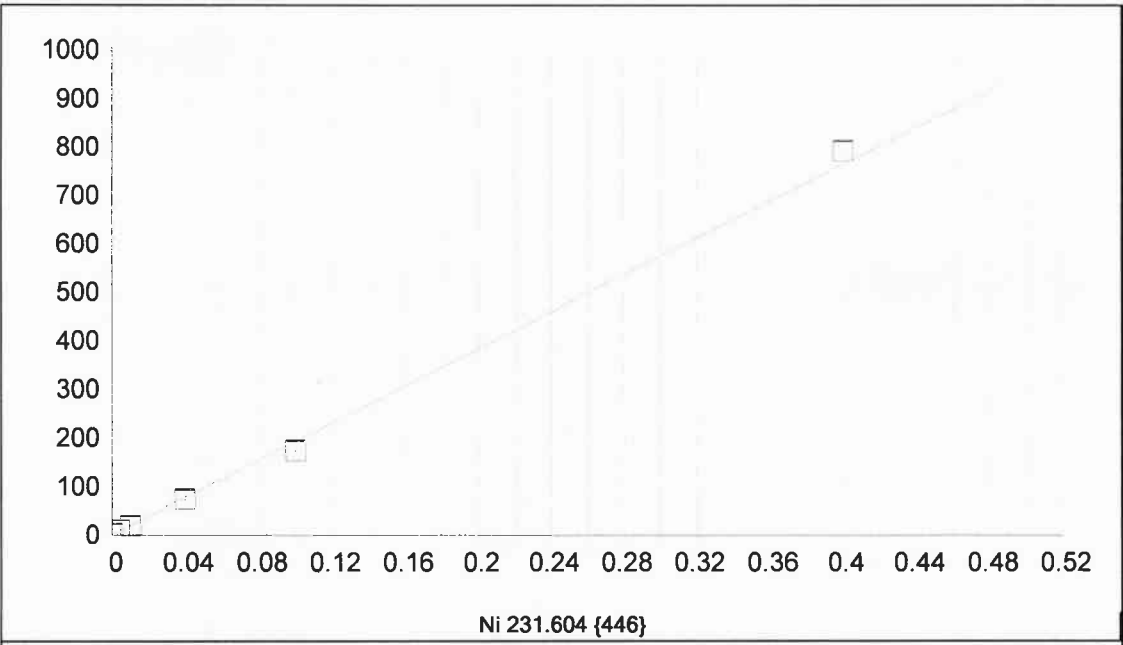
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00003	.000	.000	6.0583	2.10	1
STD 5	.40000	.24803	-.152	-38.0	314.56	2.93	0
STD 6	1.0000	1.0020	.002	.201	1252.5	8.86	1
STD 3	.04000	.02299	-.017	-42.5	34.617	2.66	1
STD 4	.10000	.06421	-.036	-35.8	85.900	1.34	1
STD 7	4.0000	4.0508	.051	1.27	5045.1	16.5	1



Mn 257.610 {131}

Fecha de la	29/11/2015 17:27:28	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	0.491631	Reajustar P	1.000000		
A1 (Ganancia)	7675.645853	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.996820	Estatus:	OK.		
Error Estándar de Est:	11.349920				
MDL:	0.000558				
MQL:	0.001861				

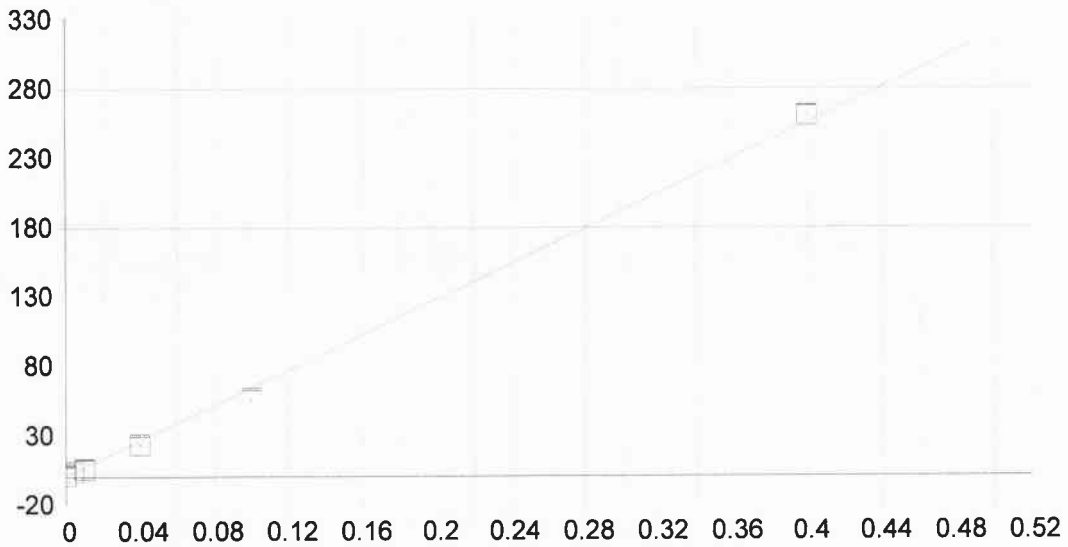
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00004	.000	.000	.77667	.954	1
STD 5	.40000	.23931	-.161	-40.2	1837.4	4.13	0
STD 6	1.0000	1.0109	.011	1.09	7759.9	41.5	1
STD 3	.04000	.02101	-.019	-47.5	161.74	3.26	1
STD 4	.10000	.05215	-.048	-47.8	400.81	4.79	1
STD 7	4.0000	4.0559	.056	1.40	31132.	114.	1



Ni 231.604 {446}

Fecha de la	29/11/2015 17:27:28	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	2.664800	Reajustar P	1.000000		
A1 (Ganancia)	1908.589817	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.998258	Estatus:	OK.		
Error Estándar de Est:	0.205468				
MDL:	0.000618				
MQL:	0.002060				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	2.6669	.649	1
STD 1	.00400	.00393	-.000	-1.74	10.166	.387	1
STD 2	.01000	.00875	-.001	-12.5	19.367	.512	1
STD 3	.04000	.03724	-.003	-6.90	73.739	1.73	1
STD 4	.10000	.08967	-.010	-10.3	173.81	1.63	1
STD 5	.40000	.41441	.014	3.60	793.60	1.05	1

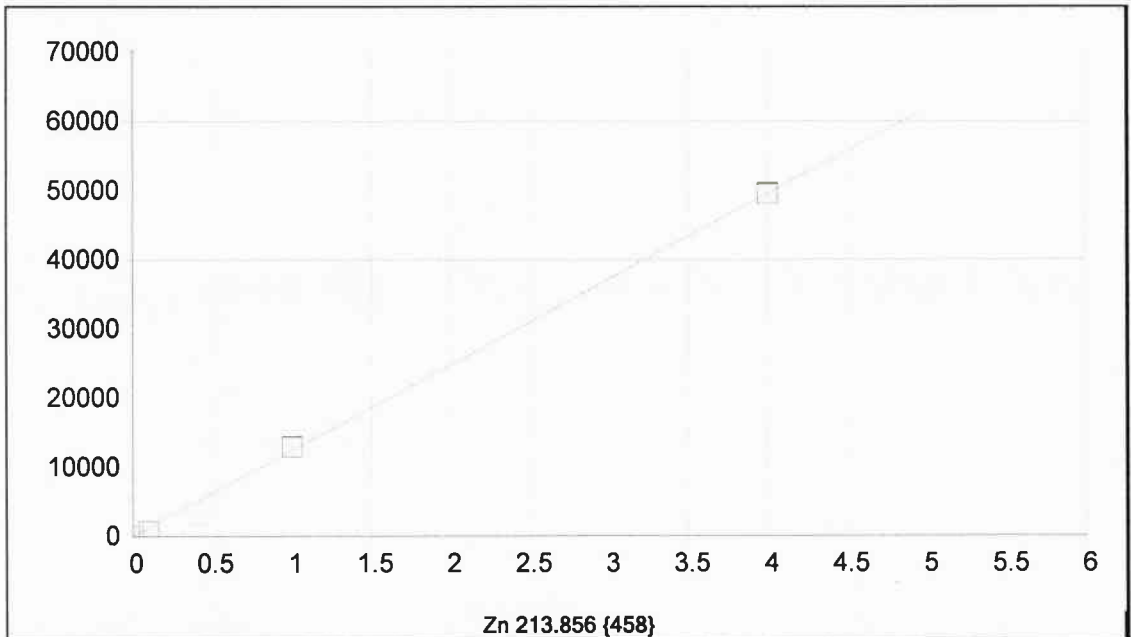


Pb 220.353 {453}

Fecha de la 29/11/2015 17:27:28 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 0.782653 Reajustar P 1.000000
 A1 (Ganancia) 637.501164 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998252 Estatus: OK.
 Error Estándar de Est: 0.065607
 MDL: 0.001783
 MQL: 0.005944

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	.78341	.921	1
STD 1	.00400	.00435	.000	8.68	3.5539	.091	1
STD 2	.01000	.00725	-.003	-27.5	5.4014	.412	1
STD 3	.04000	.03486	-.005	-12.8	23.009	.974	1
STD 4	.10000	.08713	-.013	-12.9	56.328	.778	0
STD 5	.40000	.40754	.008	1.89	260.59	.473	1



Zn 213.856 {458}

Fecha de la	29/11/2015 17:27:28	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	32.044401	Reajustar P	1.000000		
A1 (Ganancia)	12367.35055	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.997820	Estatus:	OK.		
Error Estándar de Est:	26.106695				
MDL:	0.000143				
MQL:	0.000477				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00004	.000	.000	32.547	2.37	1
STD 4	.10000	.05492	-.045	-45.1	711.32	3.57	1
STD 5	.40000	.25461	-.145	-36.3	3180.9	7.23	0
STD 6	1.0000	1.0444	.044	4.44	12948.	14.5	1
STD 7	4.0000	4.0007	.001	.017	49510.	141.	1

1	Cal: Blanco 29/11/2015 16:56:37 IR D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	9.442	4.340	-1.457	9.426	6.058	.7767	2.667	.7834	32.55	
Desv. Est.	1.912	.0576	1.122	1.936	2.102	.9545	.649	.9209	2.37	
% RSD	20.25	13.27	77.06	20.54	34.70	122.9	24.35	117.5	7.286	
Rep #1	10.05	.4966	-.7071	10.99	7.525	.6700	2.593	.7752	31.86	
Rep #2	7.300	.3833	-.9156	7.259	7.000	1.780	3.350	1.708	30.60	
Rep #3	10.98	.4222	-2.747	10.03	3.650	-.1200	2.058	-.1333	35.19	
2	Cal: STD 1 29/11/2015 16:58:57 IR D MP-151129: CITRICOS(UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	30.98	10.17	3.554							
Desv. Est.	.30	.39	.091							
% RSD	.9548	3.811	2.570							
Rep #1	30.77	9.719	3.635							
Rep #2	31.32	10.40	3.455							
Rep #3	30.86	10.38	3.572							
3	Cal: STD 2 29/11/2015 17:01:33 IR D MP-151129: CITRICOS(UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	71.62	19.37	5.401							
Desv. Est.	.77	.51	.412							
% RSD	1.074	2.644	7.633							
Rep #1	70.74	19.39	5.477							
Rep #2	71.94	19.87	4.957							
Rep #3	72.18	18.85	5.771							
4	Cal: STD 3 29/11/2015 17:03:56 IR D MP-151129: CITRICOS(UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	12.75	285.1	57.01	34.62	161.7	73.74	23.01			
Desv. Est.	.36	1.3	4.14	2.66	3.3	1.73	.97			
% RSD	2.785	.4460	7.271	7.672	2.017	2.343	4.233			
Rep #1	12.54	283.9	57.84	33.93	159.7	71.97	23.55			
Rep #2	13.16	284.8	60.67	37.55	165.5	73.83	21.88			
Rep #3	12.56	286.4	52.51	32.38	160.0	75.42	23.59			
5	Cal: STD 4 29/11/2015 17:06:23 IR D MP-151129: CITRICOS(UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138		
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45		
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s		
Media	31.74	706.2	126.6	85.90	400.8	173.8	56.33	711.3		
Desv. Est.	.93	1.4	4.9	1.34	4.8	1.6	.78	3.6		
% RSD	2.939	.1998	3.864	1.564	1.196	.9367	1.382	.5018		
Rep #1	32.45	705.9	129.6	85.18	400.5	173.9	57.14	709.1		
Rep #2	30.69	705.1	121.0	85.08	405.8	172.2	55.59	715.4		
Rep #3	32.10	707.8	129.2	87.45	396.2	175.4	56.26	709.4		
6	Cal: STD 5 29/11/2015 17:10:00 IR D MP-151129: CITRICOS(UNAM):									

	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	262.6	144.6	3300.	552.7	314.6	1837.	793.6	260.6	3181.
Desv. Est.	3.0	.4	7.	5.3	2.9	4.	1.0	.5	7.
% RSD	1.151	.2746	.2157	.9580	.9328	.2248	.1318	.1814	.2273
Rep #1	266.0	144.6	3307.	549.5	316.6	1834.	793.4	260.4	3177.
Rep #2	260.4	144.3	3300.	549.8	311.2	1842.	794.7	260.2	3177.
Rep #3	261.3	145.1	3293.	558.8	315.9	1837.	792.7	261.1	3189.
7	Cal: STD 6 29/11/2015 17:12:47 IR D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	396.152 { 85	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	1097.	632.3	2278.	1252.	7760.	12950.			
Desv. Est.	18.	1.2	17.	9.	42.	15.			
% RSD	1.614	.1863	.7312	.7077	.5354	.1123			
Rep #1	1109.	630.9	2275.	1257.	7773.	12930.			
Rep #2	1077.	632.8	2263.	1242.	7713.	12950.			
Rep #3	1107.	633.1	2296.	1258.	7793.	12960.			
8	Cal: STD 7 29/11/2015 17:15:35 IR D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	396.152 { 85	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	4432.	2370.	9158.	5045.	31130.	49510.			
Desv. Est.	28.	5.	62.	17.	114.	141.			
% RSD	.6234	.1979	.6760	.3278	.3672	.2838			
Rep #1	4457.	2370.	9195.	5064.	31160.	49490.			
Rep #2	4402.	2365.	9086.	5032.	31010.	49380.			
Rep #3	4436.	2375.	9192.	5040.	31230.	49660.			
9	Cal: STD 8 29/11/2015 17:16:37 IR D MP-151129: CITRICOS(UNAM):								
	Al3961								
Línea	396.152 { 85								
Unidades	Cts/s								
Media	10990.								
Desv. Est.	42.								
% RSD	.3839								
Rep #1	11030.								
Rep #2	11000.								
Rep #3	10940.								

1	Unk: BCO REACTIVO 29/11/2015 17:28:47 CONC D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0075	<.0000	.0002	.0027	.0036	.0002	<.0000	<.0000	.0029	
Desv. Est.	.0047	.0013	.0001	.0038	.0019	.0007	.0007	.0003	.0002	
% RSD	62.10	168.1	44.49	141.3	51.47	331.3	306.7	13.87	5.279	
Rep #1	.0111	-.0004	.0003	.0057	.0043	-.0002	.0002	-.0021	.0029	
Rep #2	.0022	.0003	.0001	-.0016	.0050	.0011	.0001	-.0025	.0028	
Rep #3	.0092	-.0022	.0002	.0040	.0015	-.0002	-.0010	-.0019	.0031	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
2	Unk: RECUPERACION 29/11/2015 17:31:27 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	43.06	40.68	41.34	41.32	41.52	41.30	41.40	41.02	41.30	
Desv. Est.	1.11	.27	.11	.15	.48	.09	.05	.28	.11	
% RSD	2.584	.6634	.2637	.3718	1.162	.2198	.1105	.6942	.2581	
Rep #1	44.34	40.40	41.32	41.19	41.68	41.25	41.45	41.24	41.37	
Rep #2	42.51	40.71	41.24	41.27	41.91	41.41	41.36	40.70	41.18	
Rep #3	42.32	40.94	41.46	41.49	40.98	41.25	41.38	41.13	41.36	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
3	Blanco: MUESTRA 29/11/2015 17:33:57 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.2451	-.1628	.0216	.3456	.2728	.0531	-.0147	.0740	.3227	
Desv. Est.	1.222	.1301	.0036	.1552	.0973	.0175	.0319	.2452	.0140	
% RSD	498.8	79.92	16.47	44.90	35.68	33.00	217.2	331.2	4.346	
Rep #1	-1.339	-.2495	.0248	.1697	.1625	.0557	.0201	.2308	.3324	
Rep #2	1.074	-.2257	.0221	.4629	.3467	.0693	-.0217	.1998	.3291	
Rep #3	-.4711	-.0132	.0178	.4042	.3091	.0345	-.0425	-.2085	.3066	
Comprobació										
Valor										
Intervalo										
4	Unk: GISC15-22050 29/11/2015 17:36:48 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.926	.3371	<.0000	1.660	9.574	2.480	.2446	<.0000	3.406	
Desv. Est.	.956	.2848	.0056	.283	.261	.045	.0313	.0829	.084	
% RSD	13.80	84.48	4.509	17.06	2.728	1.827	12.78	126.1	2.470	
Rep #1	7.185	.0757	-.1196	1.800	9.282	2.531	.2520	-.1594	3.316	
Rep #2	5.868	.6406	-.1307	1.844	9.786	2.465	.2103	-.0362	3.421	
Rep #3	7.726	.2950	-.1234	1.334	9.654	2.444	.2715	-.0017	3.482	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
5	Unk: GISC15-22050-R 29/11/2015 17:39:14 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	

Media	2.893	.2882	<.0000	.6730	9.320	1.415	.2440	.0066	3.749	
Desv. Est.	.936	.3182	.0061	.1971	.346	.029	.0292	.1050	.011	
% RSD	32.35	110.4	5.572	29.29	3.718	2.043	11.98	1589.	.2895	
Rep #1	2.918	-.0578	-.1156	.5152	9.639	1.446	.2611	-.0954	3.755	
Rep #2	1.945	.5684	-.1034	.6097	8.951	1.411	.2103	.1142	3.737	
Rep #3	3.816	.3539	-.1091	.8939	9.369	1.388	.2607	.0010	3.756	
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
10	Unk: GISC15-22057 29/11/2015 17:51:14 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	4.218	.0865	<.0000	.8608	7.492	1.262	.2794	<.0000	3.942	
Desv. Est.	.888	.2276	.0141	.0157	.251	.032	.0466	.1018	.014	
% RSD	21.05	263.1	14.39	1.825	3.344	2.563	16.67	348.7	.3631	
Rep #1	4.596	.2868	-.1107	.8461	7.219	1.224	.3330	-.0989	3.932	
Rep #2	3.204	.1336	-.0828	.8774	7.546	1.277	.2482	-.0763	3.936	
Rep #3	4.855	-.1609	-.0998	.8589	7.711	1.283	.2571	.0876	3.959	
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
11	Unk: GISC15-22058 29/11/2015 17:53:34 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	3.944	.4339	<.0000	.7022	7.174	1.230	.1980	.0298	3.664	
Desv. Est.	1.065	.3117	.0063	.0477	.112	.036	.0638	.1547	.003	
% RSD	27.01	71.83	4.573	6.787	1.562	2.893	32.23	518.8	.0753	
Rep #1	5.111	.0754	-.1314	.6557	7.053	1.191	.1920	-.0222	3.666	
Rep #2	3.024	.6399	-.1386	.7001	7.275	1.238	.1374	-.0922	3.664	
Rep #3	3.697	.5865	-.1440	.7509	7.192	1.261	.2646	.2039	3.661	
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
12	Unk: GISC15-22059 29/11/2015 17:54:07 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	2.833	.1208	<.0000	1.368	8.325	2.202	.2702	<.0000	2.650	
Desv. Est.	.228	.1867	.0135	.278	.311	.020	.0508	.1672	.014	
% RSD	8.050	154.6	12.05	20.30	3.739	.9155	18.81	101.2	.5107	
Rep #1	2.570	.1264	-.0964	1.357	8.651	2.215	.2185	-.3201	2.635	
Rep #2	2.949	.3045	-.1196	1.651	8.031	2.178	.3200	-.1879	2.659	
Rep #3	2.980	-.0687	-.1200	1.096	8.294	2.211	.2719	.0121	2.657	
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
13	Unk: GISC15-22060 29/11/2015 17:56:27 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	4.706	.3741	<.0000	1.167	8.049	1.685	.2247	.0800	5.122	

Desv. Est.	.255	.1838	.0127	.112	.265	.031	.0233	.0578	.026
% RSD	5.425	49.13	10.76	9.632	3.294	1.843	10.35	72.24	.5070
Rep #1	4.921	.3209	-.1207	1.041	8.320	1.721	.2307	.1290	5.147
Rep #2	4.424	.5786	-.1043	1.258	8.038	1.667	.1990	.0946	5.095
Rep #3	4.772	.2228	-.1294	1.202	7.790	1.667	.2444	.0163	5.122
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
14	Unk: GISC15-22061 29/11/2015 17:58:54 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.355	.2367	<.0000	1.170	8.132	1.822	.2250	.0096	5.021
Desv. Est.	1.145	.2581	.0096	.067	.081	.035	.0512	.0154	.027
% RSD	26.30	109.1	8.670	5.720	.9998	1.945	22.76	159.6	.5300
Rep #1	3.094	-.0496	-.1022	1.221	8.064	1.820	.2777	-.0063	5.043
Rep #2	5.331	.4516	-.1099	1.095	8.110	1.787	.2221	.0108	5.028
Rep #3	4.640	.3079	-.1213	1.195	8.222	1.858	.1754	.0244	4.991
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
15	QC: QC 29/11/2015 18:01:55 CONC D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4011	.3975	.4007	.4056	.4027	.4039	.4016	.3985	.4013
Desv. Est.	.0082	.0012	.0011	.0033	.0001	.0016	.0017	.0013	.0016
% RSD	2.044	.3102	.2635	.8252	.0216	.3844	.4154	.3320	.4067
Rep #1	.4100	.3963	.3997	.4020	.4027	.4022	.3997	.3991	.3994
Rep #2	.3938	.3976	.4018	.4087	.4026	.4042	.4021	.3970	.4022
Rep #3	.3995	.3987	.4005	.4061	.4027	.4053	.4029	.3994	.4022
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
16	Unk: GISC15-22062 29/11/2015 18:03:27 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	12.84	.5198	<.0000	1.054	9.015	1.352	.2617	<.0000	2.846
Desv. Est.	6.83	.1046	.0139	.161	1.555	.081	.0157	.1309	.255
% RSD	53.21	20.12	11.02	15.25	17.25	5.951	5.980	1079.	8.949
Rep #1	9.783	.4057	-.1292	1.227	10.16	1.293	.2712	-.0566	3.093
Rep #2	8.074	.6110	-.1108	1.023	9.639	1.319	.2703	-.1149	2.860
Rep #3	20.67	.5429	-.1380	.9101	7.245	1.444	.2436	.1352	2.585
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
17	Unk: GISC15-22063 29/11/2015 18:05:49 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	17.30	.7190	<.0000	1.184	7.655	1.494	.2134	<.0000	2.657
Desv. Est.	.09	.2598	.0171	.074	.185	.084	.0722	.1038	.010

% RSD	.5090	36.13	15.83	6.253	2.418	5.606	33.85	79.61	.3617
Rep #1	17.20	.7285	-.0896	1.102	7.598	1.398	.2573	-.1768	2.646
Rep #2	17.34	.9740	-.1109	1.203	7.504	1.529	.2529	-.2030	2.662
Rep #3	17.36	.4547	-.1235	1.246	7.862	1.554	.1300	-.0115	2.663
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
18	Unk: GISC15-22064 29/11/2015 18:08:12 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	15.27	.4790	<.0000	1.100	7.982	2.327	.2507	<.0000	3.679
Desv. Est.	5.13	.1733	.0059	.121	.155	.054	.0378	.2075	.014
% RSD	33.59	36.18	5.148	11.01	1.942	2.302	15.10	475.4	.3908
Rep #1	17.85	.5902	-.1092	1.061	7.813	2.288	.2480	.0095	3.663
Rep #2	18.60	.5674	-.1210	1.235	8.117	2.305	.2897	.1321	3.687
Rep #3	9.364	.2793	-.1163	1.003	8.016	2.388	.2142	-.2725	3.687
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
19	Unk: GISC15-22065 29/11/2015 18:10:52 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	17.29	.3178	<.0000	.5508	4.767	1.354	.2638	.0355	3.358
Desv. Est.	14.91	.0705	.0110	.4000	4.318	.997	.0068	.1563	.345
% RSD	86.24	22.18	9.260	72.63	90.58	73.63	2.592	440.9	10.28
Rep #1	29.69	.2528	-.1282	.8740	7.102	1.971	.2595	-.1378	3.488
Rep #2	21.44	.3079	-.1201	.6749	7.414	1.886	.2602	.1659	2.967
Rep #3	.7427	.3927	-.1065	.1034	-.2155	.2038	.2717	.0783	3.619
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
20	Unk: GISC15-22066 29/11/2015 18:13:13 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.564	.5154	<.0000	.7022	8.014	2.241	.2546	<.0000	3.313
Desv. Est.	.706	.0338	.0025	.1174	.233	.034	.0747	.1283	.014
% RSD	12.68	6.556	2.251	16.72	2.902	1.507	29.34	79.30	.4088
Rep #1	4.750	.4918	-.1071	.5747	7.940	2.213	.1761	-.2668	3.326
Rep #2	5.952	.5003	-.1119	.8059	8.275	2.278	.2628	-.0188	3.299
Rep #3	5.991	.5541	-.1089	.7261	7.828	2.230	.3248	-.1997	3.314
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
21	Unk: GISC15-22067 29/11/2015 18:15:38 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.457	.3398	<.0000	1.507	11.63	2.246	.2748	.0406	4.645
Desv. Est.	1.001	.2796	.0147	.155	.55	.072	.0288	.1158	.048
% RSD	28.97	82.28	14.16	10.30	4.731	3.216	10.50	285.2	1.032

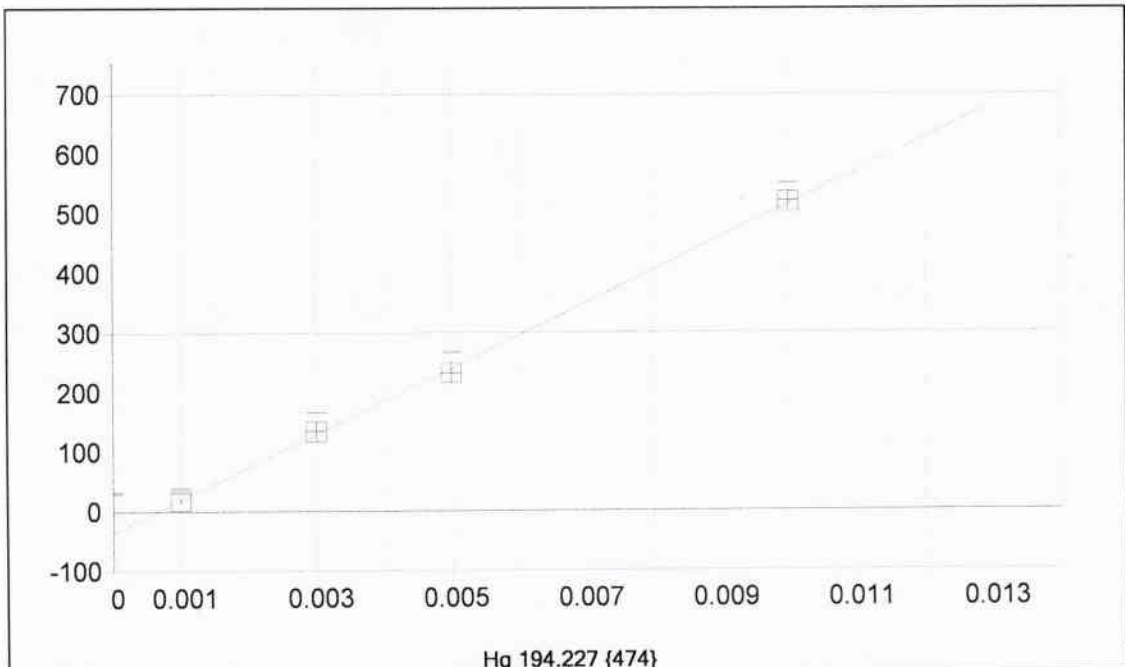
Rep #1	3.231	.1908	-.1018	1.683	12.10	2.282	.2747	.0066	4.609
Rep #2	2.588	.1663	-.0903	1.447	11.02	2.293	.2459	-.0544	4.626
Rep #3	4.552	.6624	-.1195	1.391	11.76	2.162	.3036	.1696	4.699
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
22	Unk: GISC15-22068 29/11/2015 18:18:01 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.452	.4579	<.0000	1.449	9.528	1.868	.2660	<.0000	3.758
Desv. Est.	.384	.1314	.0043	.287	.274	.036	.0334	.1188	.015
% RSD	15.65	28.70	3.492	19.78	2.878	1.924	12.56	189.5	.3906
Rep #1	2.028	.3832	-.1180	1.708	9.320	1.827	.2974	-.1023	3.743
Rep #2	2.554	.6096	-.1235	1.141	9.838	1.883	.2699	-.1567	3.759
Rep #3	2.775	.3808	-.1264	1.497	9.425	1.894	.2309	.0709	3.772
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
23	Unk: GISC15-22102 29/11/2015 18:20:34 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.071	.2577	<.0000	1.318	11.00	2.249	.3133	<.0000	3.135
Desv. Est.	.642	.3533	.0094	.238	.21	.080	.0813	.1668	.042
% RSD	12.66	137.1	8.523	18.06	1.874	3.555	25.94	220.0	1.327
Rep #1	5.736	-.1470	-.1051	1.361	11.24	2.187	.2562	-.1892	3.109
Rep #2	5.023	.5051	-.1044	1.061	10.88	2.339	.2773	.1157	3.114
Rep #3	4.455	.4149	-.1210	1.532	10.89	2.221	.4064	-.1539	3.183
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
24	Unk: GISC15-22103 29/11/2015 18:23:05 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	15.90	.2310	<.0000	1.253	13.14	2.258	.2821	.0276	5.068
Desv. Est.	1.31	.3006	.0577	.125	.56	.185	.1017	.1738	2.673
% RSD	8.242	130.1	102.1	9.944	4.261	8.201	36.05	630.8	52.75
Rep #1	14.52	.3141	-.0811	1.184	13.76	2.464	.3923	-.1024	6.828
Rep #2	17.13	-.1024	-.0978	1.178	13.00	2.106	.2621	-.0399	6.384
Rep #3	16.07	.4813	.0094	1.397	12.66	2.204	.1919	.2250	1.992
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
25	Unk: GISC15-22104 29/11/2015 18:25:40 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.379	.4351	<.0000	1.372	8.923	1.952	.2581	.0337	3.268
Desv. Est.	2.801	.1668	.0123	.096	.527	.040	.0434	.1130	.023
% RSD	82.90	38.34	10.12	7.019	5.906	2.058	16.83	334.9	.6946
Rep #1	6.480	.2630	-.1127	1.401	8.380	1.918	.3056	.1457	3.244

Rep #2	1.033	.4462	-.1355	1.264	8.955	1.996	.2204	.0356	3.289
Rep #3	2.623	.5960	-.1161	1.450	9.433	1.944	.2483	-.0802	3.270
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
26	QC: QC 29/11/2015 18:34:14 CONC D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4131	.3998	.4016	.4043	.4076	.4038	.4008	.4005	.4066
Desv. Est.	.0026	.0009	.0008	.0022	.0068	.0022	.0011	.0030	.0012
% RSD	.6231	.2216	.1905	.5541	1.659	.5344	.2674	.7474	.2883
Rep #1	.4118	.3995	.4011	.4043	.3999	.4016	.3999	.3988	.4053
Rep #2	.4160	.3991	.4025	.4066	.4102	.4040	.4007	.4040	.4076
Rep #3	.4114	.4008	.4012	.4021	.4127	.4059	.4020	.3987	.4069
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
27	Unk: GISC15-22105 29/11/2015 18:36:27 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.124	.6505	<.0000	1.261	6.879	1.600	.2335	<.0000	2.298
Desv. Est.	1.129	.2119	.0109	.339	.119	.079	.0184	.1638	.018
% RSD	22.03	32.58	10.65	26.91	1.736	4.922	7.883	533.5	.7835
Rep #1	3.904	.5024	-.1008	.8864	6.944	1.522	.2256	-.1425	2.304
Rep #2	5.335	.5558	-.1145	1.547	6.952	1.680	.2545	-.1068	2.278
Rep #3	6.132	.8933	-.0929	1.351	6.741	1.598	.2203	.1573	2.312
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
28	Unk: GISC15-22105-R1 29/11/2015 18:44:05 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.317	.8406	<.0000	1.339	7.305	1.685	.2517	<.0000	2.378
Desv. Est.	.363	.3524	.0113	.097	.201	.037	.0792	.0885	.009
% RSD	8.401	41.93	10.04	7.258	2.753	2.224	31.45	111.5	.3613
Rep #1	4.706	1.005	-.1031	1.441	7.504	1.647	.1894	-.1632	2.370
Rep #2	4.257	1.081	-.1099	1.248	7.102	1.685	.3408	.0132	2.387
Rep #3	3.988	.4360	-.1252	1.326	7.309	1.722	.2248	-.0883	2.376
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
29	Unk: GISC15-22106 29/11/2015 18:46:43 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.889	.5366	<.0000	1.133	8.406	1.621	1.374	<.0000	3.019
Desv. Est.	.585	.2081	.0107	.242	.233	.044	.039	.1254	.002
% RSD	11.96	38.78	8.919	21.35	2.767	2.747	2.811	202.9	.0633
Rep #1	4.935	.7370	-.1112	1.403	8.155	1.573	1.343	.0506	3.017
Rep #2	4.283	.3216	-.1175	.9357	8.452	1.660	1.417	-.1971	3.019

Rep #3	5.450	.5514	-.1321	1.060	8.613	1.630	1.361	-.0389	3.021
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
30	Unk: GISC15-22107 29/11/2015 18:49:32 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.268	.5747	<.0000	1.167	7.804	1.930	.2302	<.0000	2.858
Desv. Est.	.729	.0981	.0161	.097	.209	.050	.0338	.0965	.017
% RSD	32.13	17.08	14.39	8.297	2.674	2.614	14.69	215.6	.5832
Rep #1	1.465	.6260	-.1278	1.253	7.798	1.894	.2616	-.1551	2.877
Rep #2	2.451	.4615	-.0956	1.062	8.016	1.907	.1944	.0243	2.849
Rep #3	2.887	.6365	-.1121	1.185	7.598	1.987	.2347	-.0035	2.848
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
31	Unk: GISC15-22108 29/11/2015 18:51:58 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.210	.2522	<.0000	1.867	9.073	1.657	.1723	.0898	2.798
Desv. Est.	.384	.2162	.0066	.240	.193	.042	.0196	.1509	.007
% RSD	9.110	85.73	6.258	12.83	2.122	2.532	11.38	168.1	.2407
Rep #1	3.816	.4918	-.1052	1.609	9.215	1.636	.1634	.1930	2.805
Rep #2	4.230	.0716	-.1109	2.082	9.151	1.705	.1947	.1599	2.798
Rep #3	4.582	.1932	-.0979	1.909	8.854	1.629	.1587	-.0834	2.792
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
32	Unk: GISC15-22152 29/11/2015 18:54:25 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.220	.4110	<.0000	1.575	8.650	1.424	.2804	<.0000	1.998
Desv. Est.	1.047	.1816	.0237	.184	.250	.017	.0355	.1805	.013
% RSD	32.51	44.18	22.38	11.69	2.893	1.201	12.64	161.9	.6389
Rep #1	2.781	.4053	-.1292	1.380	8.812	1.406	.2766	-.1555	2.013
Rep #2	2.464	.5953	-.1063	1.746	8.361	1.440	.2470	-.2660	1.994
Rep #3	4.415	.2323	-.0819	1.598	8.775	1.426	.3176	.0869	1.988
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
33	Unk: GISC15-22153 29/11/2015 18:56:51 CONC x100 D MP-151129: CITRICOS(UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.999	.6213	<.0000	1.748	8.717	1.573	.2506	.0296	2.653
Desv. Est.	1.365	.0859	.0123	.219	.164	.020	.0085	.0709	.019
% RSD	45.51	13.83	11.89	12.50	1.883	1.241	3.404	240.0	.7148
Rep #1	1.584	.6709	-.1145	1.747	8.782	1.570	.2448	.0169	2.634
Rep #2	4.308	.5221	-.0901	1.968	8.531	1.555	.2466	-.0342	2.652
Rep #3	3.106	.6709	-.1048	1.531	8.839	1.594	.2604	.1059	2.672

Valor										
Intervalo										
38	Unk: GISC15-22164 29/11/2015 19:07:18 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.581	.3155	<.0000	1.095	6.596	1.497	.2264	<.0000	2.178	
Desv. Est.	.995	.1274	.0096	.224	.288	.068	.0253	.1821	.087	
% RSD	62.91	40.38	6.082	20.42	4.360	4.541	11.18	147.7	3.995	
Rep #1	2.095	.2075	-.1577	.8492	6.313	1.477	.2557	-.3280	2.136	
Rep #2	.4345	.2831	-.1669	1.148	6.587	1.442	.2114	-.0625	2.121	
Rep #3	2.213	.4561	-.1478	1.287	6.888	1.573	.2123	.0207	2.279	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor										
Intervalo										
39	Unk: GISC15-22165 29/11/2015 19:10:14 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.110	.3554	<.0000	1.072	6.782	1.274	.2664	<.0000	2.127	
Desv. Est.	.243	.2897	.0202	.389	1.550	.164	.0156	.1531	.678	
% RSD	7.828	81.52	20.17	36.31	22.85	12.84	5.862	104.3	31.87	
Rep #1	2.940	.6893	-.1180	.6406	6.024	1.144	.2533	-.2812	1.721	
Rep #2	3.002	.1710	-.0782	1.177	5.757	1.219	.2622	.0199	1.750	
Rep #3	3.389	.2058	-.1040	1.397	8.564	1.458	.2836	-.1789	2.910	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor										
Intervalo										
40	Unk: GISC15-22166 29/11/2015 19:12:34 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.526	.2471	<.0000	1.800	8.804	1.436	.2320	.0049	2.923	
Desv. Est.	.474	.2623	.0060	.469	.196	.018	.0683	.1678	.021	
% RSD	13.46	106.1	4.990	26.07	2.223	1.269	29.46	3406.	.7319	
Rep #1	3.402	.5381	-.1148	2.192	8.579	1.453	.2021	-.1874	2.899	
Rep #2	3.125	.0291	-.1218	1.928	8.940	1.438	.1836	.1215	2.937	
Rep #3	4.050	.1741	-.1268	1.280	8.891	1.417	.3101	.0806	2.934	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor										
Intervalo										
41	Unk: GISC15-22173 29/11/2015 19:15:01 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.619	.6186	<.0000	1.447	8.771	1.437	.2277	<.0000	2.431	
Desv. Est.	.112	.2221	.0098	.056	.241	.028	.0334	.0983	.033	
% RSD	4.264	35.91	9.742	3.870	2.748	1.946	14.65	433.6	1.367	
Rep #1	2.539	.3723	-.1082	1.463	9.042	1.470	.2537	.0655	2.393	
Rep #2	2.570	.8037	-.0895	1.385	8.692	1.421	.2394	-.0048	2.456	
Rep #3	2.746	.6798	-.1038	1.494	8.579	1.421	.1901	-.1287	2.443	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor										
Intervalo										

Intervalo										
42	Unk: GISC15-22174 29/11/2015 19:17:24 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.995	.3372	<.0000	1.451	5.839	1.439	<.0000	<.0000	2.404	
Desv. Est.	.856	.0430	.0018	.347	.605	.178	.0520	.0729	.193	
% RSD	17.13	12.76	1.660	23.95	10.35	12.40	425.4	58.20	8.017	
Rep #1	5.983	.3570	-.1062	1.066	5.546	1.459	-.0469	-.2052	2.300	
Rep #2	4.477	.2878	-.1098	1.546	5.437	1.251	-.0373	-.1075	2.286	
Rep #3	4.525	.3668	-.1082	1.741	6.535	1.606	.0476	-.0628	2.626	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
43	Unk: GISC15-22175 29/11/2015 19:19:51 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.487	.5145	<.0000	2.064	7.067	1.052	<.0000	<.0000	2.738	
Desv. Est.	1.093	.0194	.0047	.263	.297	.029	.0428	.1375	.016	
% RSD	31.34	3.777	3.933	12.76	4.207	2.751	98.69	219.7	.5904	
Rep #1	3.046	.4976	-.1228	2.224	6.892	1.036	-.0658	-.1032	2.731	
Rep #2	2.685	.5357	-.1144	2.208	6.899	1.086	-.0702	.0907	2.756	
Rep #3	4.732	.5102	-.1222	1.760	7.410	1.035	.0060	-.1752	2.726	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
44	Unk: GISC15-22176 29/11/2015 19:22:32 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.582	.2271	<.0000	1.600	7.427	1.109	.0054	<.0000	3.056	
Desv. Est.	.492	.1767	.0078	.321	.536	.052	.0617	.1555	.009	
% RSD	19.04	77.78	7.615	20.04	7.212	4.692	1136.	1355.	.2942	
Rep #1	2.020	.0876	-.0938	1.254	7.959	1.168	.0031	-.1611	3.051	
Rep #2	2.931	.1680	-.1059	1.659	7.433	1.068	-.0551	-.0227	3.051	
Rep #3	2.795	.4258	-.1084	1.887	6.888	1.091	.0683	.1493	3.066	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
45	Unk: GISC15-22177 29/11/2015 19:24:55 CONC x100 D MP-151129: CITRICOS(UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.418	<.0000	<.0000	1.117	12.22	1.080	<.0000	<.0000	2.938	
Desv. Est.	1.568	.2026	.0038	.080	.17	.016	.0170	.1448	.075	
% RSD	45.88	88.17	3.616	7.126	1.423	1.465	175.3	211.6	2.553	
Rep #1	1.822	-.2032	-.1021	1.202	12.33	1.064	-.0273	.0975	2.937	
Rep #2	4.957	-.4443	-.1092	1.106	12.31	1.095	.0067	-.1693	2.864	
Rep #3	3.477	-.0418	-.1032	1.043	12.02	1.080	-.0085	-.1335	3.014	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										



Fecha de la 30/11/2015 09:46:23 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -35.873860 Reajustar P 1.000000
 A1 (Ganancia) 55155.17512 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999662 Estatus: OK.
 Error Estándar de Est: 4.812216
 MDL: 0.000028
 MQL: 0.000092

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00091	.001	.000	14.391	1.29	0
STD 1	.00100	.00099	-.000	-.697	18.897	4.19	1
STD 2	.00300	.00308	.000	2.79	134.21	15.4	1
STD 3	.00500	.00487	-.000	-2.65	232.59	17.6	1
STD 4	.01000	.01006	.000	.559	518.76	14.9	1

1	Cal: Blanco 30/11/2015 08:34:50 IR D Hg-151130: CITRICOS (UNAM): Hg1942
Unidades	Cts/s
Media	-2.193
Desv. Est.	1.636
% RSD	74.61
Rep #1	-3.118
Rep #2	-.3039
Rep #3	-3.157
2	Cal: STD 1 30/11/2015 08:50:55 IR D Hg-151130: CITRICOS (UNAM): Hg1942
Unidades	Cts/s
Media	18.90
Desv. Est.	4.19
% RSD	22.18
Rep #1	15.64
Rep #2	17.43
Rep #3	23.62
3	Cal: STD 2 30/11/2015 08:52:17 IR D Hg-151130: CITRICOS (UNAM): Hg1942
Unidades	Cts/s
Media	134.2
Desv. Est.	15.4
% RSD	11.50
Rep #1	117.7
Rep #2	136.8
Rep #3	148.2
4	Cal: STD 3 30/11/2015 08:53:39 IR D Hg-151130: CITRICOS (UNAM): Hg1942
Unidades	Cts/s
Media	232.6
Desv. Est.	17.6
% RSD	7.571
Rep #1	213.0
Rep #2	237.8
Rep #3	247.0
5	Cal: STD 4 30/11/2015 08:55:04 IR D Hg-151130: CITRICOS (UNAM): Hg1942
Unidades	Cts/s
Media	518.8
Desv. Est.	14.9
% RSD	2.863
Rep #1	502.2
Rep #2	523.2
Rep #3	530.9
6	QC: QC 30/11/2015 09:03:17 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	.0054
Desv. Est.	.0001

% RSD	1.775
Rep #1	.0054
Rep #2	.0053
Rep #3	.0054
Comprobación	Pasa Comp
Valor	
Intervalo	
7	Unk: REACTIVO 30/11/2015 09:04:30 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0011
Desv. Est.	.0000
% RSD	3.209
Rep #1	.0010
Rep #2	.0010
Rep #3	.0011
8	Blanco: MUESTRA 30/11/2015 09:06:06 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.1060
Desv. Est.	.0031
% RSD	2.967
Rep #1	.1035
Rep #2	.1096
Rep #3	.1051
9	Unk: RECUPERACION1 30/11/2015 09:08:53 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4403
Desv. Est.	.0034
% RSD	.7727
Rep #1	.4375
Rep #2	.4394
Rep #3	.4441
10	Unk: GISC15-21971 30/11/2015 09:10:07 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0022
Desv. Est.	.0026
% RSD	118.9
Rep #1	-.0007
Rep #2	-.0052
Rep #3	-.0006
11	Unk: GISC15-21971-R 30/11/2015 09:11:26 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0145

Desv. Est.	.0056
% RSD	38.43
Rep #1	-.0081
Rep #2	-.0180
Rep #3	-.0174
12	Unk: GISC15-22972 30/11/2015 09:12:22 CONC x100 DATE: 15112015 CITRIGOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0507
Desv. Est.	.0019
% RSD	3.695
Rep #1	-.0509
Rep #2	-.0488
Rep #3	-.0525
13	Unk: GISC15-21973 30/11/2015 09:14:16 CONC x100 DATE: 15112015 CITRIGOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0541
Desv. Est.	.0013
% RSD	2.472
Rep #1	-.0526
Rep #2	-.0547
Rep #3	-.0551
14	Unk: GISC15-21974 30/11/2015 09:15:52 CONC x100 DATE: 15112015 CITRIGOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0511
Desv. Est.	.0046
% RSD	8.924
Rep #1	-.0487
Rep #2	-.0564
Rep #3	-.0482
15	Unk: GISC15-21975 30/11/2015 09:16:49 CONC x100 DATE: 15112015 CITRIGOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0604
Desv. Est.	.0018
% RSD	2.943
Rep #1	-.0619
Rep #2	-.0609
Rep #3	-.0585
16	Unk: GISC15-21976 30/11/2015 09:17:27 CONC x100 DATE: 15112015 CITRIGOC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0082
Desv. Est.	.1084
% RSD	1327.

Rep #1	-0552
Rep #2	-0536
Rep #3	.1333
17	Unk: GISC15-21977 30/11/2015 09:18:08 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0568
Desv. Est.	.0024
% RSD	4.284
Rep #1	-0577
Rep #2	-0540
Rep #3	-0587
18	Unk: GISC15-21978 30/11/2015 09:19:11 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0532
Desv. Est.	.0043
% RSD	8.047
Rep #1	-0569
Rep #2	-0485
Rep #3	-0543
19	Unk: GISC15-21980 30/11/2015 09:20:30 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0534
Desv. Est.	.0008
% RSD	1.451
Rep #1	-0527
Rep #2	-0542
Rep #3	-0533
20	Unk: GISC15-21981 30/11/2015 09:21:51 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0565
Desv. Est.	.0018
% RSD	3.128
Rep #1	-0583
Rep #2	-0565
Rep #3	-0547
21	QC: QC 30/11/2015 09:24:42 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0054
Desv. Est.	.0001
% RSD	2.651
Rep #1	.0055
Rep #2	.0054

1	Unk: GISC15-21979 30/11/2015 09:15:36 CONC D MP-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0022
Desv. Est.	.0014
% RSD	63.83
Rep #1	.0030
Rep #2	.0030
Rep #3	.0006

Rep #3	.0052
Comprobaci3n	Pasa Comp
Valor	
Intervalo	
22	Unk: GISC15-21982 30/11/2015 09:25:15 CONC x100 D.L. 151100: CITRICO (UNMAN) Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0536
Desv. Est.	.0035
% RSD	6.535
Rep #1	-.0496
Rep #2	-.0548
Rep #3	-.0563
23	Unk: GISC15-21983 30/11/2015 09:26:32 CONC x100 D.L. 151100: CITRICO (UNMAN) Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0602
Desv. Est.	.0030
% RSD	5.058
Rep #1	-.0571
Rep #2	-.0632
Rep #3	-.0603
24	Unk: GISC15-21993 30/11/2015 09:27:50 CONC x100 D.L. 151100: CITRICO (UNMAN) Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0258
Desv. Est.	.0540
% RSD	209.4
Rep #1	-.0582
Rep #2	-.0557
Rep #3	.0365
25	Unk: GISC15-22002 30/11/2015 09:29:19 CONC x100 D.L. 151100: CITRICO (UNMAN) Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0572
Desv. Est.	.0025
% RSD	4.337
Rep #1	-.0601
Rep #2	-.0554
Rep #3	-.0562
26	Unk: GISC15-22003 30/11/2015 09:30:34 CONC x100 D.L. 151100: CITRICO (UNMAN) Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0564
Desv. Est.	.0055
% RSD	9.706
Rep #1	-.0505

Rep #2	-0573
Rep #3	-0614
27	Unk: GISC15-22004 30/11/2015 09:31:49 CONC x100 D.H. 151100: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0490
Desv. Est.	.0114
% RSD	23.32
Rep #1	-0551
Rep #2	-0358
Rep #3	-0562
28	Unk: GISC15-22007 30/11/2015 09:33:10 CONC x100 D.H. 151100: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0552
Desv. Est.	.0026
% RSD	4.629
Rep #1	-0526
Rep #2	-0577
Rep #3	-0552
29	Unk: GISC15-22008 30/11/2015 09:34:32 CONC x100 D.H. 151100: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0560
Desv. Est.	.0006
% RSD	1.077
Rep #1	-0555
Rep #2	-0560
Rep #3	-0567
30	Unk: GISC15-22009 30/11/2015 09:35:49 CONC x100 D.H. 151100: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0535
Desv. Est.	.0020
% RSD	3.696
Rep #1	-0512
Rep #2	-0543
Rep #3	-0548
31	Unk: GISC15-22013 30/11/2015 09:37:23 CONC x100 D.H. 151100: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0539
Desv. Est.	.0021
% RSD	3.863
Rep #1	-0515
Rep #2	-0553
Rep #3	-0549

32	QC: QC 30/11/2015 09:40:05 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0055
Desv. Est.	.0001
% RSD	1.635
Rep #1	.0056
Rep #2	.0055
Rep #3	.0054
Comprobación	Pasa Comp
Valor	
Intervalo	
33	Unk: GISC15-22014 30/11/2015 09:41:52 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0518
Desv. Est.	.0013
% RSD	2.476
Rep #1	-.0518
Rep #2	-.0531
Rep #3	-.0506
34	Unk: GISC15-22014-R 30/11/2015 09:42:38 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0576
Desv. Est.	.0024
% RSD	4.129
Rep #1	-.0550
Rep #2	-.0597
Rep #3	-.0580
35	Unk: GISC15-22015 30/11/2015 09:43:20 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0561
Desv. Est.	.0024
% RSD	4.219
Rep #1	-.0585
Rep #2	-.0562
Rep #3	-.0538
36	Unk: GISC15-22016 30/11/2015 09:44:40 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0579
Desv. Est.	.0025
% RSD	4.266
Rep #1	-.0551
Rep #2	-.0597

Rep #3	-0590
37	Unk: GISC15-22017 30/11/2015 09:46:07 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0538
Desv. Est.	.0018
% RSD	3.299
Rep #1	-0519
Rep #2	-0541
Rep #3	-0555
38	Unk: GISC15-22018 30/11/2015 09:47:31 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0546
Desv. Est.	.0030
% RSD	5.571
Rep #1	-0511
Rep #2	-0562
Rep #3	-0565
39	Unk: GISC15-22019 30/11/2015 09:48:46 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0532
Desv. Est.	.0018
% RSD	3.458
Rep #1	-0550
Rep #2	-0533
Rep #3	-0513
40	Unk: GISC15-22020 30/11/2015 09:50:01 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0564
Desv. Est.	.0012
% RSD	2.049
Rep #1	-0569
Rep #2	-0551
Rep #3	-0573
41	Unk: GISC15-22021 30/11/2015 09:51:27 CONC x100 D.H. 151120: CITRICO (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0556
Desv. Est.	.0008
% RSD	1.418
Rep #1	-0556
Rep #2	-0548
Rep #3	-0564

42	Unk: GISC15-22037 30/11/2015 09:52:48 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0550
Desv. Est.	.0027
% RSD	4.906
Rep #1	-.0567
Rep #2	-.0519
Rep #3	-.0564
43	Unk: GISC15-22038 30/11/2015 09:54:06 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0598
Desv. Est.	.0016
% RSD	2.711
Rep #1	-.0581
Rep #2	-.0600
Rep #3	-.0613
44	QC: QC 30/11/2015 09:55:39 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0043
Desv. Est.	.0010
% RSD	23.32
Rep #1	.0053
Rep #2	.0033
Rep #3	.0042
Comprobación	Pasa Comp
Valor	
Intervalo	
45	Unk: GISC15-22039 30/11/2015 09:56:33 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0570
Desv. Est.	.0020
% RSD	3.502
Rep #1	-.0562
Rep #2	-.0593
Rep #3	-.0556
46	Unk: GISC15-22040 30/11/2015 09:57:48 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0589
Desv. Est.	.0012
% RSD	2.023
Rep #1	-.0596
Rep #2	-.0575

Rep #3	-0596
47	Unk: GISC15-22041 30/11/2015 09:59:09 CONC x100 DMS 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0592
Desv. Est.	.0029
% RSD	4.948
Rep #1	-0618
Rep #2	-0598
Rep #3	-0560
48	Unk: GISC15-22042 30/11/2015 10:00:29 CONC x100 DMS 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0570
Desv. Est.	.0006
% RSD	1.135
Rep #1	-0578
Rep #2	-0567
Rep #3	-0566
49	Unk: GISC15-22043 30/11/2015 10:01:56 CONC x100 DMS 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0566
Desv. Est.	.0021
% RSD	3.683
Rep #1	-0587
Rep #2	-0566
Rep #3	-0546
50	Unk: GISC15-22044 30/11/2015 10:03:14 CONC x100 DMS 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0551
Desv. Est.	.0016
% RSD	2.958
Rep #1	-0546
Rep #2	-0538
Rep #3	-0569
51	Unk: GISC15-22045 30/11/2015 10:04:32 CONC x100 DMS 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0271
Desv. Est.	.0310
% RSD	114.6
Rep #1	.0069
Rep #2	-0343
Rep #3	-0539

52	Unk: GISC15-22046 30/11/2015 10:05:53 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0534
Desv. Est.	.0004
% RSD	.8365
Rep #1	-.0539
Rep #2	-.0532
Rep #3	-.0530
53	Unk: GISC15-22047 30/11/2015 10:07:07 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0556
Desv. Est.	.0020
% RSD	3.518
Rep #1	-.0569
Rep #2	-.0533
Rep #3	-.0566
54	Unk: GISC15-22049 30/11/2015 10:08:31 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0550
Desv. Est.	.0011
% RSD	1.986
Rep #1	-.0543
Rep #2	-.0562
Rep #3	-.0544
55	QC: QC 30/11/2015 10:16:02 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0055
Desv. Est.	.0000
% RSD	.1995
Rep #1	.0055
Rep #2	.0055
Rep #3	.0055
Comprobación	Pasa Comp
Valor	
Intervalo	
56	Unk: GISC15-22050 30/11/2015 10:18:01 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0555
Desv. Est.	.0030
% RSD	5.386
Rep #1	-.0558
Rep #2	-.0583

1	Unk: GISC15-22048 28/12/2015 11:53:51 CONC x100
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-0.0078
Desv. Est.	.0033
% RSD	41.78
Rep #1	-0.112
Rep #2	-0.0073
Rep #3	-0.0048

Rep #3	-0524
57	Unk: GISC15-22050-R 30/11/2015 10:19:22 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0557
Desv. Est.	.0006
% RSD	1.071
Rep #1	-0559
Rep #2	-0562
Rep #3	-0551
58	Unk: GISC15-22051 30/11/2015 10:20:41 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0567
Desv. Est.	.0028
% RSD	4.978
Rep #1	-0537
Rep #2	-0593
Rep #3	-0571
59	Unk: GISC15-22052 30/11/2015 10:22:06 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0538
Desv. Est.	.0014
% RSD	2.618
Rep #1	-0552
Rep #2	-0537
Rep #3	-0524
60	Unk: GISC15-22055 30/11/2015 10:23:31 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0549
Desv. Est.	.0018
% RSD	3.322
Rep #1	-0569
Rep #2	-0546
Rep #3	-0533
61	Unk: GISC15-22056 30/11/2015 10:24:49 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0582
Desv. Est.	.0011
% RSD	1.817
Rep #1	-0585
Rep #2	-0570
Rep #3	-0591

62	Unk: GISC15-22057 30/11/2015 10:26:02 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0563
Desv. Est.	.0010
% RSD	1.823
Rep #1	-.0574
Rep #2	-.0562
Rep #3	-.0553
63	Unk: GISC15-22058 30/11/2015 10:28:12 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0500
Desv. Est.	.0037
% RSD	7.349
Rep #1	-.0483
Rep #2	-.0542
Rep #3	-.0474
64	Unk: GISC15-22059 30/11/2015 10:29:27 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0574
Desv. Est.	.0036
% RSD	6.256
Rep #1	-.0541
Rep #2	-.0570
Rep #3	-.0612
65	Unk: GISC15-22060 30/11/2015 10:30:48 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0566
Desv. Est.	.0006
% RSD	.9919
Rep #1	-.0559
Rep #2	-.0567
Rep #3	-.0571
66	Unk: GISC15-22061 30/11/2015 10:32:05 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0576
Desv. Est.	.0020
% RSD	3.399
Rep #1	-.0575
Rep #2	-.0558
Rep #3	-.0597
67	QC: QC 30/11/2015 10:39:47 CONC D Hg-151130: CITRICOS (UNAM):

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0053
Desv. Est.	.0001
% RSD	1.215
Rep #1	.0052
Rep #2	.0053
Rep #3	.0052
Comprobación	Pasa Comp
Valor	
Intervalo	
68	Unk: GISC15-22062 30/11/2015 10:41:14 CONC x100 FILE: 151120: CITRISOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0229
Desv. Est.	.0028
% RSD	12.03
Rep #1	-.0199
Rep #2	-.0234
Rep #3	-.0253
69	Unk: GISC15-22063 30/11/2015 10:42:37 CONC x100 FILE: 151120: CITRISOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0247
Desv. Est.	.0023
% RSD	9.136
Rep #1	-.0229
Rep #2	-.0272
Rep #3	-.0239
70	Unk: GISC15-22064 30/11/2015 10:44:02 CONC x100 FILE: 151120: CITRISOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0194
Desv. Est.	.0028
% RSD	14.50
Rep #1	-.0226
Rep #2	-.0186
Rep #3	-.0171
71	Unk: GISC15-22065 30/11/2015 10:45:22 CONC x100 FILE: 151120: CITRISOC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0161
Desv. Est.	.0666
% RSD	414.8
Rep #1	.0607
Rep #2	-.0502
Rep #3	-.0586

72	Unk: GISC15-22066 30/11/2015 10:48:18 CONC x100 DU 151120: CITRICOCC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.1375
Desv. Est.	.2381
% RSD	173.2
Rep #1	-.0546
Rep #2	.0632
Rep #3	.4039
73	Unk: GISC15-22067 30/11/2015 10:49:57 CONC x100 DU 151120: CITRICOCC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0589
Desv. Est.	.0024
% RSD	4.106
Rep #1	-.0576
Rep #2	-.0574
Rep #3	-.0617
74	Unk: GISC15-22068 30/11/2015 10:51:29 CONC x100 DU 151120: CITRICOCC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0580
Desv. Est.	.0027
% RSD	4.614
Rep #1	-.0583
Rep #2	-.0605
Rep #3	-.0551
75	Unk: GISC15-22102 30/11/2015 10:53:07 CONC x100 DU 151120: CITRICOCC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0585
Desv. Est.	.0026
% RSD	4.430
Rep #1	-.0562
Rep #2	-.0613
Rep #3	-.0580
76	Unk: GISC15-22103 30/11/2015 10:54:25 CONC x100 DU 151120: CITRICOCC (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0427
Desv. Est.	.0155
% RSD	36.44
Rep #1	-.0533
Rep #2	-.0498
Rep #3	-.0248
77	Unk: GISC15-22104 30/11/2015 10:55:41 CONC x100 DU 151120: CITRICOCC (UNAMA)

	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0601
Desv. Est.	.0028
% RSD	4.646
Rep #1	-.0633
Rep #2	-.0581
Rep #3	-.0588
78	QC: QC 30/11/2015 11:00:11 CONC D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0059
Desv. Est.	.0000
% RSD	.2820
Rep #1	.0059
Rep #2	.0059
Rep #3	.0059
Comprobación	Pasa Comp
Valor	
Intervalo	
79	Unk: GISC15-22105 30/11/2015 11:01:21 CONC x100 D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0576
Desv. Est.	.0005
% RSD	.7934
Rep #1	-.0574
Rep #2	-.0581
Rep #3	-.0572
80	Unk: GISC15-22105-R 30/11/2015 11:02:44 CONC x100 D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0266
Desv. Est.	.0582
% RSD	219.4
Rep #1	-.0600
Rep #2	-.0604
Rep #3	.0407
81	Unk: GISC15-22106 30/11/2015 11:04:02 CONC x100 D Hg-151130: CITRICOS (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0607
Desv. Est.	.0039
% RSD	6.464
Rep #1	-.0565
Rep #2	-.0613
Rep #3	-.0643

82	Unk: GISC15-22107 30/11/2015 11:05:23 CONC x100 DATE: 151120: CITRIGOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0623
Desv. Est.	.0008
% RSD	1.310
Rep #1	-0.0614
Rep #2	-0.0630
Rep #3	-0.0625
83	Unk: GISC15-22108 30/11/2015 11:07:04 CONC x100 DATE: 151120: CITRIGOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0546
Desv. Est.	.0022
% RSD	4.099
Rep #1	-0.0526
Rep #2	-0.0570
Rep #3	-0.0543
84	Unk: GISC15-22152 30/11/2015 11:08:31 CONC x100 DATE: 151120: CITRIGOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0609
Desv. Est.	.0007
% RSD	1.227
Rep #1	-0.0612
Rep #2	-0.0614
Rep #3	-0.0600
85	Unk: GISC15-22153 30/11/2015 11:10:00 CONC x100 DATE: 151120: CITRIGOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0608
Desv. Est.	.0006
% RSD	.9587
Rep #1	-0.0614
Rep #2	-0.0602
Rep #3	-0.0608
86	Unk: GISC15-22155 30/11/2015 11:11:21 CONC x100 DATE: 151120: CITRIGOS (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0582
Desv. Est.	.0018
% RSD	3.044
Rep #1	-0.0576
Rep #2	-0.0568
Rep #3	-0.0602
87	Unk: GISC15-22156 30/11/2015 11:12:42 CONC x100 DATE: 151120: CITRIGOS (UNAMA) Hg1942

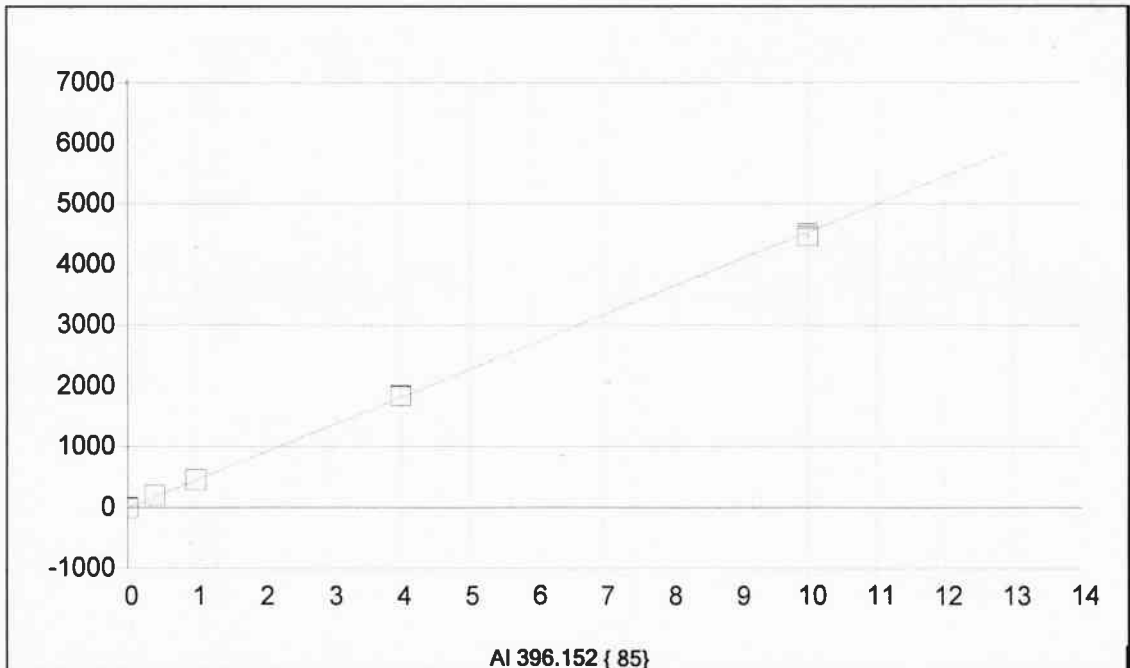
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0052
Desv. Est.	.0769
% RSD	1479.
Rep #1	.0834
Rep #2	-.0444
Rep #3	-.0547
88	Unk: GISC15-22157 30/11/2015 11:14:01 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0604
Desv. Est.	.0003
% RSD	.5643
Rep #1	-.0600
Rep #2	-.0605
Rep #3	-.0606
89	Unk: GISC15-22164 30/11/2015 11:15:15 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0597
Desv. Est.	.0026
% RSD	4.315
Rep #1	-.0574
Rep #2	-.0594
Rep #3	-.0625
90	QC: QC 30/11/2015 11:15:58 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0058
Desv. Est.	.0000
% RSD	.6489
Rep #1	.0057
Rep #2	.0058
Rep #3	.0058
Comprobación	Pasa Comp
Valor	
Intervalo	
91	Unk: GISC15-22165 30/11/2015 11:16:55 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0610
Desv. Est.	.0024
% RSD	4.006
Rep #1	-.0591
Rep #2	-.0601
Rep #3	-.0637

92	Unk: GISC15-22166 30/11/2015 11:18:23 CONC x100 D.H. 151120: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0564
Desv. Est.	.0020
% RSD	3.563
Rep #1	-.0543
Rep #2	-.0583
Rep #3	-.0567
93	Unk: GISC15-22173 30/11/2015 11:19:39 CONC x100 D.H. 151120: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0370
Desv. Est.	.0409
% RSD	110.6
Rep #1	-.0610
Rep #2	-.0603
Rep #3	.0103
94	Unk: GISC15-22174 30/11/2015 11:20:52 CONC x100 D.H. 151120: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0561
Desv. Est.	.0031
% RSD	5.515
Rep #1	-.0558
Rep #2	-.0593
Rep #3	-.0532
95	Unk: GISC15-22175 30/11/2015 11:22:00 CONC x100 D.H. 151120: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0321
Desv. Est.	.0232
% RSD	72.31
Rep #1	-.0580
Rep #2	-.0133
Rep #3	-.0249
96	Unk: GISC15-22176 30/11/2015 11:23:21 CONC x100 D.H. 151120: CITRIGOC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0573
Desv. Est.	.0011
% RSD	1.910
Rep #1	-.0564
Rep #2	-.0570
Rep #3	-.0585
97	Unk: GISC15-22177 30/11/2015 11:24:41 CONC x100 D.H. 151120: CITRIGOC (UNAM)

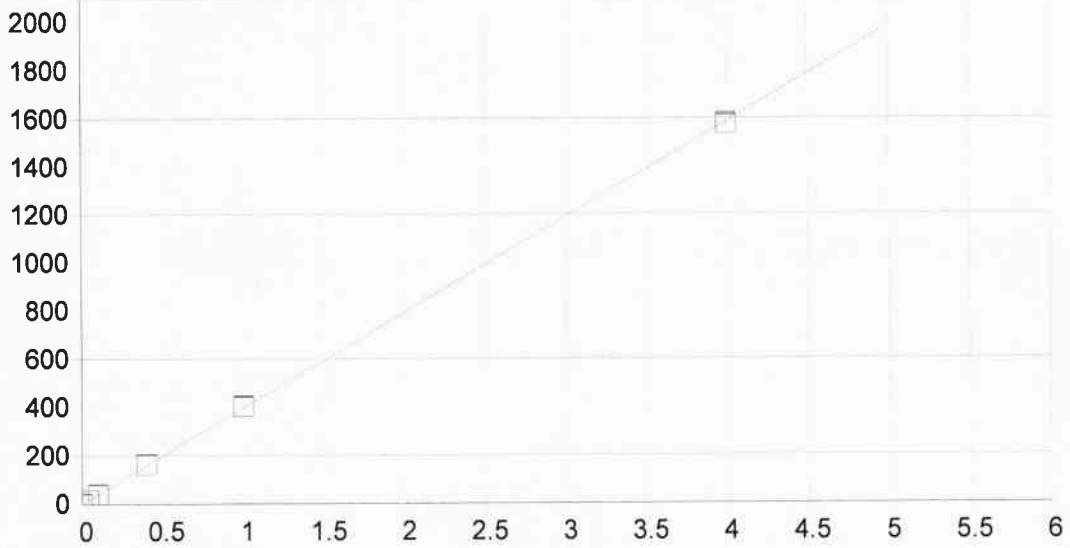
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0526
Desv. Est.	.0010
% RSD	1.951
Rep #1	-.0531
Rep #2	-.0532
Rep #3	-.0514
98	Unk: GISC15-22178 30/11/2015 11:26:04 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0183
Desv. Est.	.0121
% RSD	66.25
Rep #1	-.0052
Rep #2	-.0207
Rep #3	-.0291
99	Unk: GISC15-22189 30/11/2015 11:27:21 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0517
Desv. Est.	.0015
% RSD	2.967
Rep #1	-.0529
Rep #2	-.0500
Rep #3	-.0522
100	Unk: GISC15-22190 30/11/2015 11:28:09 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0585
Desv. Est.	.0028
% RSD	4.735
Rep #1	-.0609
Rep #2	-.0592
Rep #3	-.0555
101	Unk: GISC15-22190-R 30/11/2015 11:28:39 CONC x100 22191-R D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0074
Desv. Est.	.0659
% RSD	884.4
Rep #1	-.0520
Rep #2	.0682
Rep #3	-.0385
102	QC: QC 30/11/2015 11:30:20 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47

Unidades	mg/kg
Media	.0058
Desv. Est.	.0003
% RSD	5.916
Rep #1	.0060
Rep #2	.0054
Rep #3	.0060
Comprobación	Pasa Comp
Valor	
Intervalo	
103	Unk: GISC15-22191 30/11/2015 11:33:03 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0530
Desv. Est.	.0021
% RSD	3.920
Rep #1	-.0553
Rep #2	-.0514
Rep #3	-.0522
104	Unk: GISC15-22192 30/11/2015 11:35:50 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0364
Desv. Est.	.0046
% RSD	12.75
Rep #1	-.0400
Rep #2	-.0380
Rep #3	-.0312
105	Unk: GISC15-22256 30/11/2015 11:37:13 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0532
Desv. Est.	.0020
% RSD	3.709
Rep #1	-.0510
Rep #2	-.0547
Rep #3	-.0540
106	Unk: GISC15-22257 30/11/2015 11:38:30 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0502
Desv. Est.	.0107
% RSD	21.40
Rep #1	-.0379
Rep #2	-.0547
Rep #3	-.0579
107	Unk: GISC15-21782 30/11/2015 11:39:58 CONC x100 D.H. 151120: CITRICOO (UNAMA) Hg1942

Línea	194.227 {47
Unidades	mg/kg
Media	-0.0562
Desv. Est.	.0002
% RSD	.3149
Rep #1	-0.0560
Rep #2	-0.0563
Rep #3	-0.0563
108	Unk: GISC15-21782-R 30/11/2015 11:42:05 CONC x100 D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0553
Desv. Est.	.0020
% RSD	3.644
Rep #1	-0.0541
Rep #2	-0.0542
Rep #3	-0.0576
109	QC: QC 30/11/2015 11:43:06 CONC D Hg-151130: CITRICOS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0053
Desv. Est.	.0000
% RSD	.2488
Rep #1	.0053
Rep #2	.0053
Rep #3	.0054
Comprobación	Pasa Comp
Valor	
Intervalo	



Fecha de la	29/12/2015 16:14:57	Tipo de unió	Lineal	Ponderación:	1/Conc		
A0 (Compensación):	-7.087758	Reajustar P	1.000000				
A1 (Ganancia)	454.229370	Y-int:	0.000000				
A2 (Curvatura):	0.000000						
n (Exponente):	1.000000						
Correlación:	0.999649	Estatus:	OK.				
Error Estándar de Est:	1.218606						
MDL:	0.016514						
MQL:	0.055045						
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00006	-.000	.000	-7.1167	6.74	1
STD 5	.40000	.45530	.055	13.8	199.72	1.50	1
STD 6	1.0000	1.0191	.019	1.91	455.80	1.86	1
STD 7	4.0000	4.0615	.062	1.54	1837.8	9.91	1
STD 8	10.000	9.8641	-.136	-1.36	4473.5	36.3	1

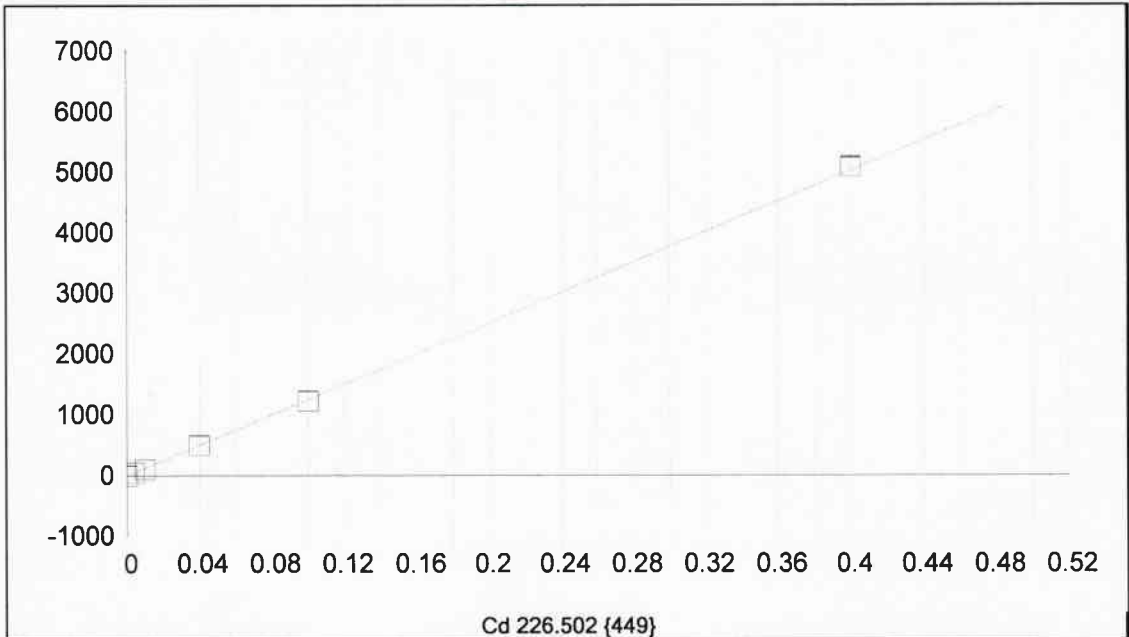


As 189.042 {478}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

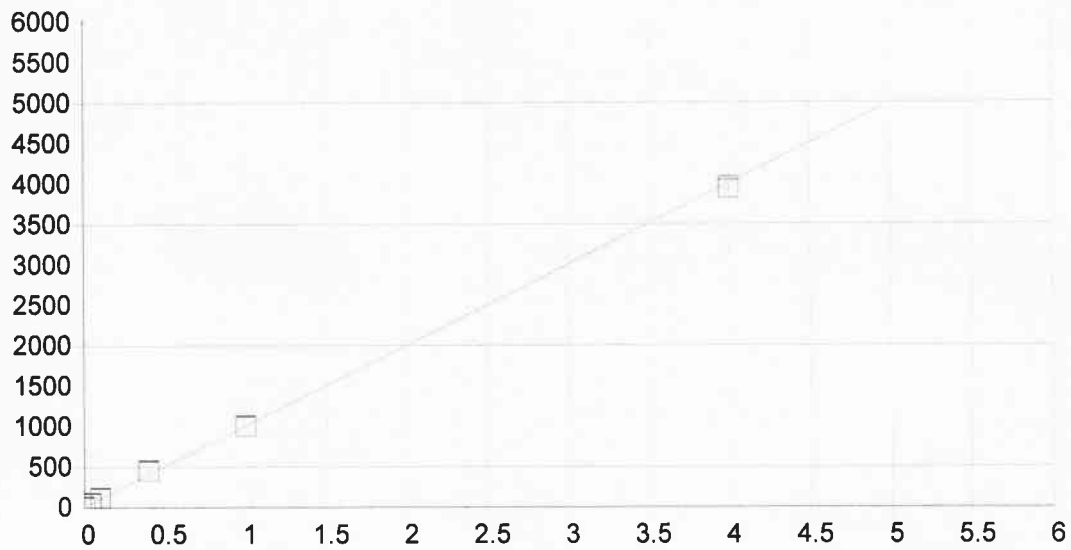
A0 (Compensación): 0.761949 Reajustar P 1.000000
 A1 (Ganancia) 396.147253 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999938 Estatus: OK.
 Error Estándar de Est: 0.080053
 MDL: 0.002221
 MQL: 0.007404

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	.76178	.426	1
STD 4	.10000	.09880	-.001	-1.20	39.903	.517	1
STD 5	.40000	.41071	.011	2.68	163.46	.161	1
STD 6	1.0000	1.0151	.015	1.51	402.90	1.78	1
STD 7	4.0000	3.9759	-.024	-.603	1575.8	4.86	1
STD 3	.04000	.03948	-.001	-1.30	16.402	.245	1



Fecha de la	29/12/2015 16:14:57	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	-0.095484	Reajustar P	1.000000		
A1 (Ganancia)	12541.54863	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.999648	Estatus:	OK.		
Error Estándar de Est:	0.605931				
MDL:	0.000113				
MQL:	0.000376				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	-.08491	1.48	1
STD 1	.00400	.00392	-.000	-2.05	49.044	.440	1
STD 2	.01000	.00832	-.002	-16.8	104.25	1.54	1
STD 3	.04000	.03957	-.000	-1.08	496.17	1.35	1
STD 4	.10000	.09774	-.002	-2.26	1225.7	1.13	1
STD 5	.40000	.40446	.004	1.11	5072.4	11.3	1

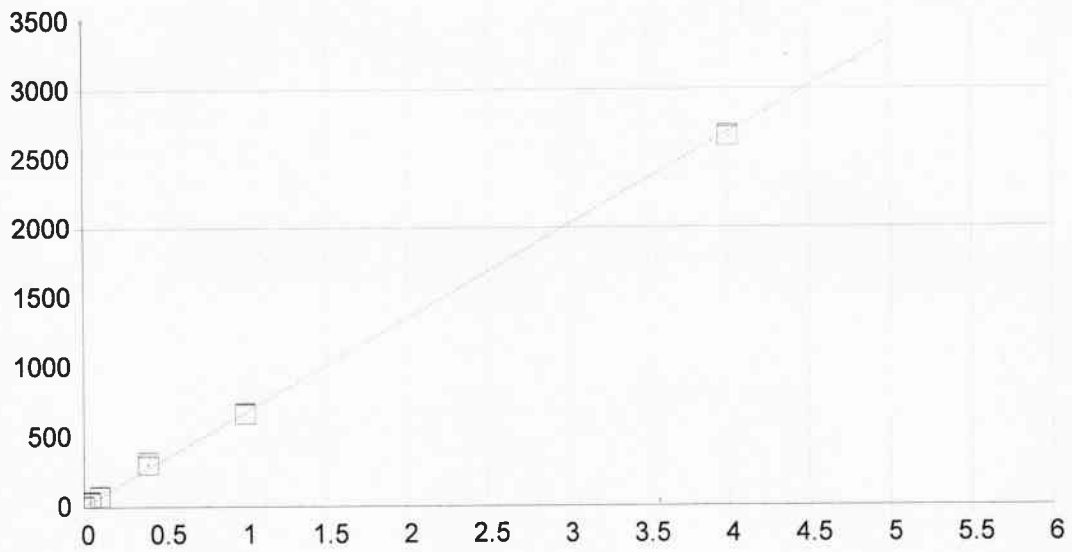


Cu 324.754 {104}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 5.997584 Reajustar P 1.000000
 A1 (Ganancia) 998.538339 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999257 Estatus: OK.
 Error Estándar de Est: 0.701728
 MDL: 0.004181
 MQL: 0.013937

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	5.9833	4.26	1
STD 5	.40000	.44560	.046	11.4	450.94	7.25	1
STD 6	1.0000	.99940	-.001	-.060	1003.9	3.73	1
STD 7	4.0000	3.9381	-.062	-1.55	3938.4	21.9	1
STD 3	.04000	.04601	.006	15.0	51.936	4.24	1
STD 4	.10000	.11087	.011	10.9	116.71	3.97	1

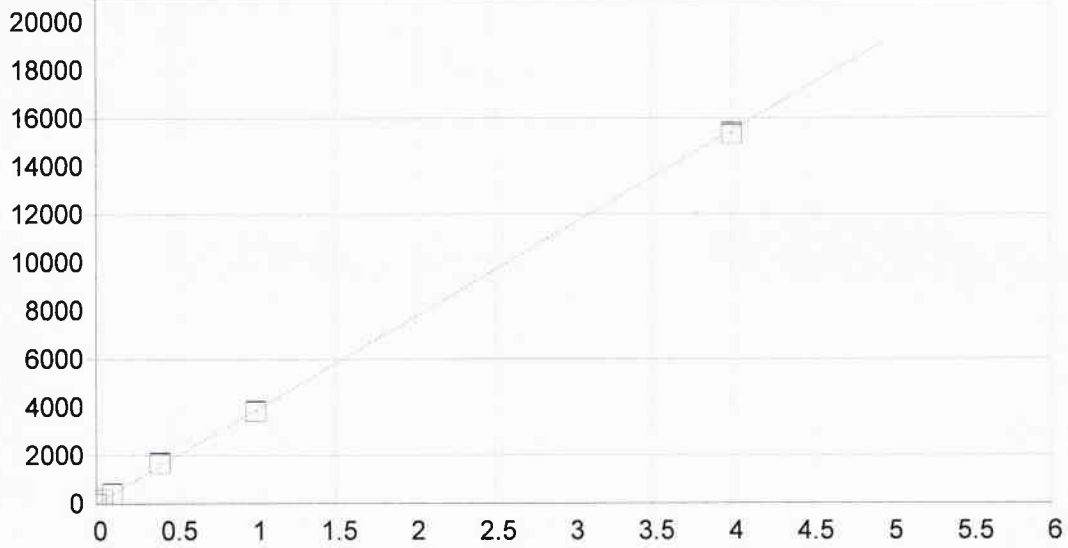


Fe 259.940 {130}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 3.830049 Reajustar P 1.000000
 A1 (Ganancia) 670.788930 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999396 Estatus: OK.
 Error Estándar de Est: 0.425059
 MDL: 0.003157
 MQL: 0.010524

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	3.8233	.917	1
STD 5	.40000	.44623	.046	11.6	303.16	15.3	1
STD 6	1.0000	.98575	-.014	-1.43	665.06	3.89	1
STD 3	.04000	.04440	.004	11.0	33.610	2.86	1
STD 4	.10000	.10494	.005	4.94	74.223	1.11	1
STD 7	4.0000	3.9587	-.041	-1.03	2659.3	8.77	1

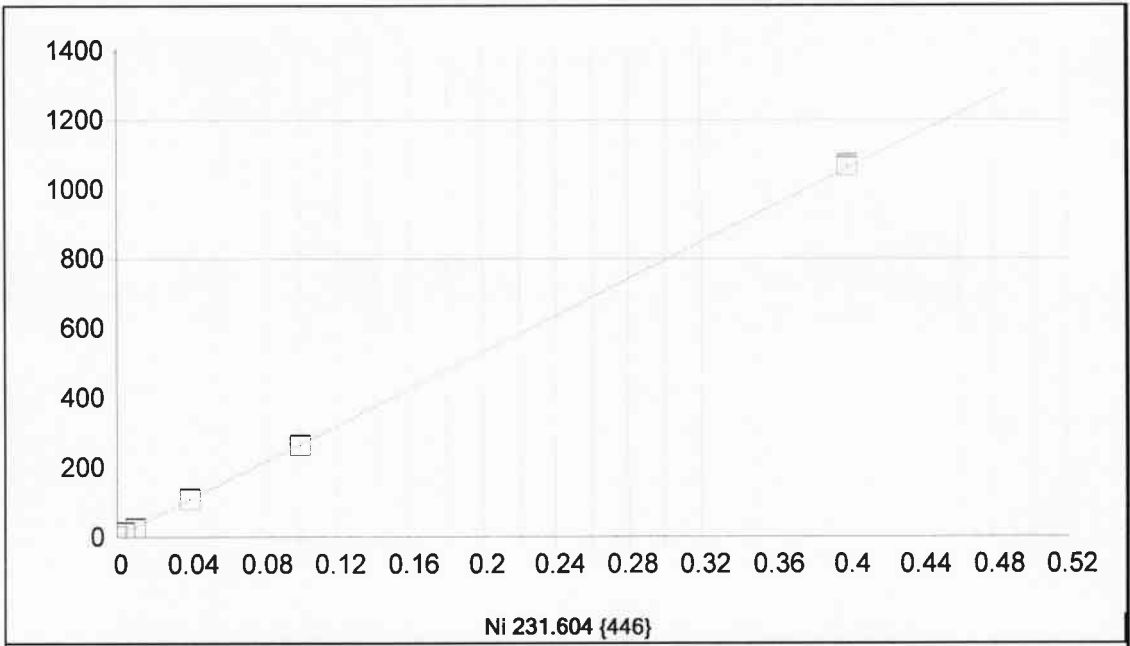


Mn 257.610 {131}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 1.557756 Reajustar P 1.000000
 A1 (Ganancia) 3869.640483 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999647 Estatus: OK.
 Error Estándar de Est: 1.872214
 MDL: 0.000576
 MQL: 0.001919

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	1.5250	.687	1
STD 5	.40000	.43410	.034	8.52	1681.4	29.0	1
STD 6	1.0000	.99016	-.010	-.984	3833.1	16.9	1
STD 3	.04000	.04358	.004	8.94	170.18	.184	1
STD 4	.10000	.10551	.006	5.51	409.86	2.08	1
STD 7	4.0000	3.9667	-.033	-.834	15351.	68.9	1

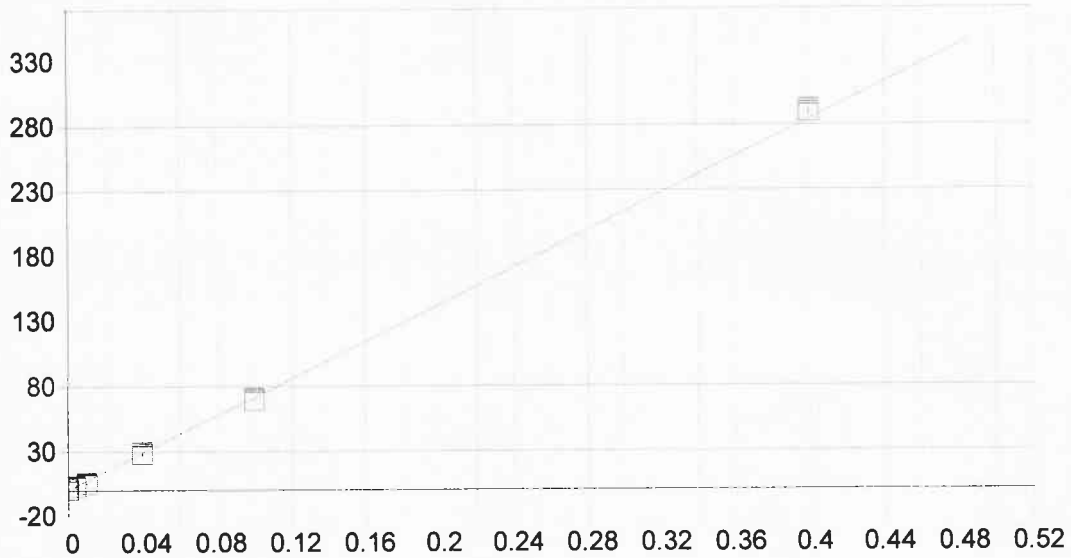


Ni 231.604 {446}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 2.754536 Reajustar P 1.000000
 A1 (Ganancia) 2642.223187 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999698 Estatus: OK.
 Error Estándar de Est: 0.118323
 MDL: 0.000481
 MQL: 0.001602

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	2.7566	.081	1
STD 1	.00400	.00395	-.000	-1.26	13.191	.614	1
STD 2	.01000	.00831	-.002	-16.9	24.717	.990	1
STD 3	.04000	.03980	-.000	-.496	107.92	1.25	1
STD 4	.10000	.09858	-.001	-1.42	263.24	1.48	1
STD 5	.40000	.40335	.003	.838	1068.5	5.25	1

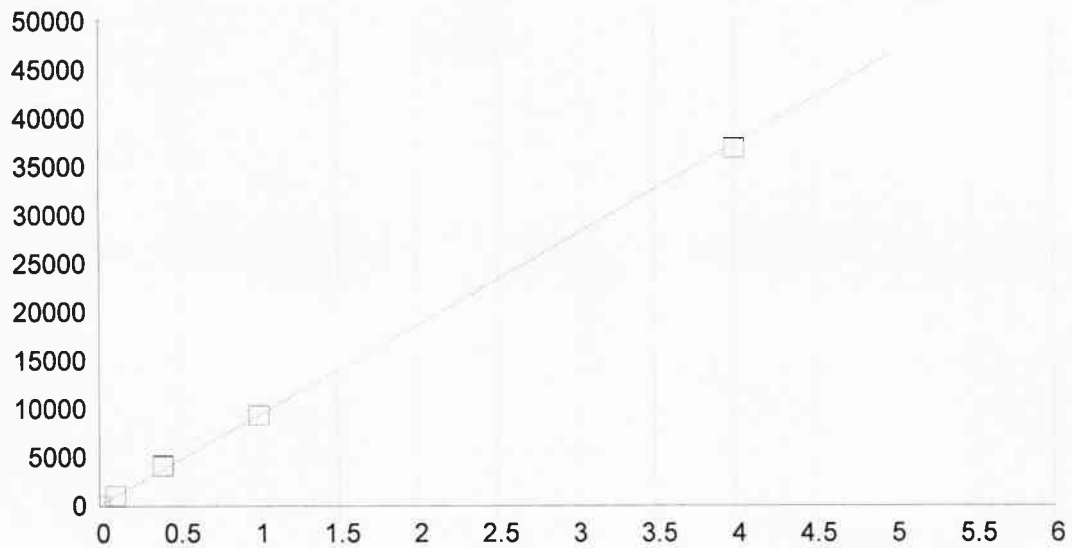


Pb 220.353 {453}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 0.559363 Reajustar P 1.000000
 A1 (Ganancia) 709.146974 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998620 Estatus: OK.
 Error Estándar de Est: 0.067941
 MDL: 0.001688
 MQL: 0.005626

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	.56090	1.08	1
STD 1	.00400	.00336	-.001	-15.9	2.9438	.483	1
STD 2	.01000	.00662	-.003	-33.8	5.2566	.759	1
STD 3	.04000	.03847	-.002	-3.83	27.840	1.39	1
STD 4	.10000	.09743	-.003	-2.57	69.649	1.38	1
STD 5	.40000	.40812	.008	2.03	289.97	2.03	1



Zn 213.856 {458}

Fecha de la 29/12/2015 16:14:57 Tipo de unió Lineal Ponderación: 1/Conc

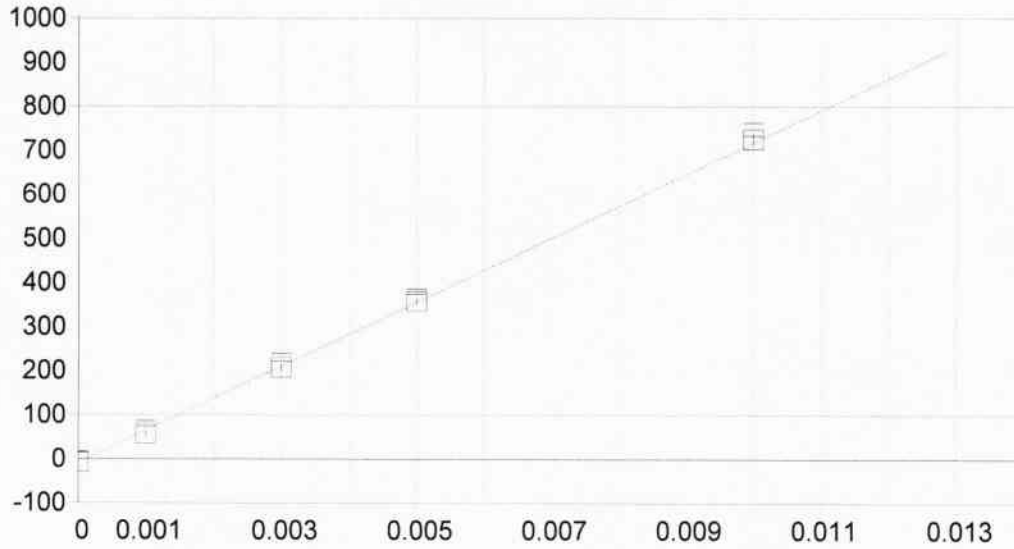
A0 (Compensación): 18.788265 Reajustar P 1.000000
 A1 (Ganancia) 9322.945664 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999491 Estatus: OK.
 Error Estándar de Est: 9.004373
 MDL: 0.000123
 MQL: 0.000411

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00002	-.000	.000	18.627	.455	1
STD 4	.10000	.10801	.008	8.01	1025.8	3.36	1
STD 5	.40000	.44129	.041	10.3	4132.9	26.2	1
STD 6	1.0000	1.0032	.003	.316	9371.2	10.3	1
STD 7	4.0000	3.9475	-.052	-1.31	36822.	25.2	1

1	Cal: Blanco 29/12/2015 15:52:01 IR D MP- 151228: CITRICOS:									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 {85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	-7.117	.7618	-.0849	5.983	3.823	1.525	2.757	.5609	18.63	
Desv. Est.	6.737	.4257	1.478	4.256	.917	.687	.081	1.078	.46	
% RSD	94.66	55.89	1740.	71.12	23.97	45.07	2.943	192.2	2.443	
Rep #1	-.1600	.8199	-1.288	10.55	2.940	1.675	2.663	-.4333	18.10	
Rep #2	-13.61	1.155	-5314	2.136	3.760	.7750	2.802	.4095	18.94	
Rep #3	-7.580	.3100	1.565	5.259	4.770	2.125	2.804	1.706	18.84	
2	Cal: STD 1 29/12/2015 15:55:12 IR D MP- 151228: CITRICOS:									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	49.04	13.19	2.944							
Desv. Est.	.44	.61	.483							
% RSD	.8972	4.656	16.42							
Rep #1	48.67	12.93	3.496							
Rep #2	49.53	13.89	2.596							
Rep #3	48.94	12.75	2.740							
3	Cal: STD 2 29/12/2015 15:57:32 IR D MP- 151228: CITRICOS:									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	104.2	24.72	5.257							
Desv. Est.	1.5	.99	.759							
% RSD	1.473	4.004	14.45							
Rep #1	102.6	24.71	4.866							
Rep #2	104.5	25.71	6.132							
Rep #3	105.7	23.73	4.772							
4	Cal: STD 3 29/12/2015 15:59:53 IR D MP- 151228: CITRICOS:									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	16.40	496.2	51.94	33.61	170.2	107.9	27.84			
Desv. Est.	.25	1.3	4.24	2.86	.2	1.2	1.39			
% RSD	1.494	.2719	8.163	8.497	.1083	1.156	4.987			
Rep #1	16.38	494.8	54.96	30.41	170.0	108.9	29.37			
Rep #2	16.17	496.3	53.75	35.90	170.3	108.3	26.67			
Rep #3	16.66	497.5	47.09	34.52	170.3	106.5	27.48			
5	Cal: STD 4 29/12/2015 16:02:12 IR D MP- 151228: CITRICOS:									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138		
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45		
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s		
Media	39.90	1226.	116.7	74.22	409.9	263.2	69.65	1026.		
Desv. Est.	.52	1.	4.0	1.11	2.1	1.5	1.38	3.		
% RSD	1.294	.0919	3.402	1.492	.5080	.5640	1.976	.3278		
Rep #1	40.22	1225.	113.0	73.05	407.5	262.6	68.06	1023.		
Rep #2	39.31	1225.	120.9	75.25	410.8	264.9	70.37	1025.		
Rep #3	40.18	1227.	116.3	74.37	411.3	262.2	70.51	1029.		
6	Cal: STD 5 29/12/2015 16:04:41 IR D MP- 151228: CITRICOS:									

	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	199.7	163.5	5072.	450.9	303.2	1681.	1068.	290.0	4133.
Desv. Est.	1.5	.2	11.	7.2	15.3	29.	5.	2.0	26.
% RSD	.7501	.0983	.2228	1.608	5.054	1.726	.4913	.7013	.6348
Rep #1	198.7	163.6	5072.	443.4	294.4	1648.	1069.	292.1	4127.
Rep #2	199.1	163.3	5061.	451.5	294.3	1693.	1063.	289.7	4110.
Rep #3	201.4	163.5	5084.	457.9	320.9	1703.	1073.	288.1	4162.
7	Cal: STD 6 29/12/2015 16:07:03 IR D MP- 151228: CITRICOS:								
	Al3961	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	396.152 { 85	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	455.8	402.9	1004.	665.1	3833.	9371.			
Desv. Est.	1.9	1.8	4.	3.9	17.	10.			
% RSD	.4077	.4414	.3717	.5842	.4400	.1100			
Rep #1	455.3	404.8	1000.	664.2	3814.	9382.			
Rep #2	454.3	402.5	1004.	661.7	3846.	9371.			
Rep #3	457.9	401.4	1008.	669.3	3840.	9361.			
8	Cal: STD 7 29/12/2015 16:09:22 IR D MP- 151228: CITRICOS:								
	Al3961	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	396.152 { 85	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	1838.	1576.	3938.	2659.	15350.	36820.			
Desv. Est.	10.	5.	22.	9.	69.	25.			
% RSD	.5392	.3085	.5557	.3296	.4491	.0685			
Rep #1	1839.	1570.	3938.	2667.	15330.	36810.			
Rep #2	1847.	1580.	3960.	2661.	15430.	36800.			
Rep #3	1827.	1578.	3917.	2650.	15300.	36850.			
9	Cal: STD 8 29/12/2015 16:11:48 IR D MP- 151228: CITRICOS:								
	Al3961								
Línea	396.152 { 85								
Unidades	Cts/s								
Media	4473.								
Desv. Est.	36.								
% RSD	.8106								
Rep #1	4466.								
Rep #2	4442.								
Rep #3	4513.								

1	QC: QC 29/12/2015 16:15:13 CONC D MP 151229: UNAM (CITRICO):									
	AI3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4552	.4332	.4077	.4416	.4585	.4404	.4043	.4119	.4616	
Desv. Est.	.0357	.0093	.0060	.0153	.0165	.0144	.0066	.0062	.0088	
% RSD	7.840	2.155	1.470	3.476	3.595	3.264	1.630	1.508	1.903	
Rep #1	.4532	.4271	.4049	.4425	.4482	.4374	.4019	.4094	.4560	
Rep #2	.4206	.4285	.4036	.4258	.4498	.4278	.3992	.4073	.4570	
Rep #3	.4918	.4439	.4146	.4564	.4775	.4561	.4117	.4189	.4717	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
2	Unk: BLANCO 29/12/2015 16:17:58 CONC D MP 151229: UNAM (CITRICO):									
	AI3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0005	<.0000	.0012	.0051	.0018	.0014	.0010	<.0000	.0016	
Desv. Est.	.0074	.0007	.0001	.0052	.0031	.0009	.0002	.0008	.0001	
% RSD	1505.	59.47	7.506	101.6	173.3	63.71	19.81	170.5	5.081	
Rep #1	-.0066	-.0005	.0013	.0072	.0019	.0021	.0012	-.0006	.0017	
Rep #2	-.0001	-.0020	.0011	.0089	-.0014	.0004	.0009	-.0012	.0016	
Rep #3	.0082	-.0012	.0012	-.0008	.0049	.0016	.0008	.0004	.0016	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
3	Unk: RECUPERACION 29/12/2015 16:20:26 CONC x100 D MP 151229: UNAM (CITRICO):									
	AI3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	45.68	44.74	41.00	44.36	46.57	44.51	40.51	41.45	47.19	
Desv. Est.	.28	.17	.06	.33	.55	.11	.10	.15	.05	
% RSD	.6050	.3900	.1445	.7543	1.179	.2386	.2458	.3647	.1028	
Rep #1	45.36	44.91	41.02	44.10	47.07	44.46	40.47	41.42	47.16	
Rep #2	45.86	44.56	40.94	44.25	45.98	44.63	40.63	41.32	47.16	
Rep #3	45.82	44.76	41.05	44.74	46.65	44.44	40.45	41.62	47.24	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
4	Blanco: REACTIVO 29/12/2015 16:23:07 CONC x100 D MP 151229: UNAM (CITRICO):									
	AI3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-.0915	-.2588	.0923	.4787	.0686	.1251	.0797	.0207	.1355	
Desv. Est.	1.006	.0735	.0033	.1155	.2275	.0078	.0454	.0369	.0081	
% RSD	1099.	28.39	3.549	24.13	331.7	6.260	56.93	178.1	5.985	
Rep #1	1.067	-.3348	.0937	.4108	.2788	.1180	.1152	-.0121	.1399	
Rep #2	-.6059	-.2535	.0946	.6120	-.1729	.1335	.0953	.0136	.1262	
Rep #3	-.7358	-.1881	.0885	.4131	.0999	.1238	.0286	.0606	.1406	
Comprobació										
Valor										
Intervalo										
5	Unk: GISC15-22048 29/12/2015 16:25:39 CONC x100 D MP 151229: UNAM (CITRICO):									
	AI3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	



Hg 194.227 {474}

Fecha de la 28/12/2015 11:44:32 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -7.097474 Reajustar P 1.000000
 A1 (Ganancia) 72464.34004 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999641 Estatus: OK.
 Error Estándar de Est: 0.345412
 MDL: 0.000023
 MQL: 0.000076

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	-7.0900	.855	1
STD 1	.00100	.00089	-.000	-10.8	57.534	5.94	1
STD 2	.00300	.00296	-.000	-1.26	207.55	8.37	1
STD 3	.00500	.00503	.000	.681	357.69	6.06	1
STD 4	.01000	.01011	.000	1.12	725.65	14.8	1

1	Cal: Blanco 28/12/2015 11:38:09 IR D Hg- 151228: CITRICOS:
	Hg1942
Unidades	Cts/s
Media	-7.090
Desv. Est.	.855
% RSD	12.06
Rep #1	-7.964
Rep #2	-7.051
Rep #3	-6.255
2	Cal: STD 1 28/12/2015 11:39:30 IR D Hg- 151228: CITRICOS:
	Hg1942
Unidades	Cts/s
Media	57.53
Desv. Est.	5.94
% RSD	10.33
Rep #1	51.11
Rep #2	62.84
Rep #3	58.65
3	Cal: STD 2 28/12/2015 11:40:50 IR D Hg- 151228: CITRICOS:
	Hg1942
Unidades	Cts/s
Media	207.6
Desv. Est.	8.4
% RSD	4.035
Rep #1	198.1
Rep #2	210.7
Rep #3	213.9
4	Cal: STD 3 28/12/2015 11:42:05 IR D Hg- 151228: CITRICOS:
	Hg1942
Unidades	Cts/s
Media	357.7
Desv. Est.	6.1
% RSD	1.694
Rep #1	350.9
Rep #2	362.6
Rep #3	359.6
5	Cal: STD 4 28/12/2015 11:43:21 IR D Hg- 151228: CITRICOS:
	Hg1942
Unidades	Cts/s
Media	725.7
Desv. Est.	14.8
% RSD	2.040
Rep #1	708.8
Rep #2	731.5
Rep #3	736.7
6	QC: PatrónQC 28/12/2015 11:46:00 CONC D Hg- 151228: CITRICOS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0052
Desv. Est.	.0000

% RSD	.7790
Rep #1	.0053
Rep #2	.0052
Rep #3	.0052
Comprobaci3n	Ninguno
Valor	
Intervalo	
7	Unk: BLANCO 28/12/2015 11:47:32 CONC D Hg 151228: UNAM (CITRICO): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	.0001
Desv. Est.	.0001
% RSD	124.3
Rep #1	.0002
Rep #2	.0000
Rep #3	.0000
8	Unk: RECUPERACION 28/12/2015 11:49:05 CONC x100 D Hg 151228: UNAM (CITRICO): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	.5067
Desv. Est.	.0084
% RSD	1.663
Rep #1	.5094
Rep #2	.4973
Rep #3	.5135
9	Blanco: REACTIVO 28/12/2015 11:50:35 CONC x100 D Hg 151228: UNAM (CITRICO): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	.0042
Desv. Est.	.0047
% RSD	110.8
Rep #1	.0094
Rep #2	.0029
Rep #3	.0003
10	Unk: REACTIVO 28/12/2015 11:52:06 CONC x100 D Hg 151228: UNAM (CITRICO): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0106
Desv. Est.	.0017
% RSD	15.88
Rep #1	-.0118
Rep #2	-.0113
Rep #3	-.0087
11	Unk: GISC15-22048 28/12/2015 11:53:51 CONC x100 D Hg 151228: UNAM (CITRICO): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0120

Desv. Est.	.0033
% RSD	27.10
Rep #1	-.0155
Rep #2	-.0115
Rep #3	-.0090
12	Unk: GISC15-22167 28/12/2015 11:55:16 CONC x100 DATE: 15122015 UNAM / CITRICO Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0090
Desv. Est.	.0013
% RSD	14.50
Rep #1	-.0079
Rep #2	-.0087
Rep #3	-.0105
13	Unk: GISC15-22167-R 28/12/2015 11:56:46 CONC x100 DATE: 15122015 UNAM / CITRICO Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0096
Desv. Est.	.0015
% RSD	15.55
Rep #1	-.0097
Rep #2	-.0111
Rep #3	-.0081
14	Unk: GISC15-22184 28/12/2015 11:58:09 CONC x100 DATE: 15122015 UNAM / CITRICO Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0095
Desv. Est.	.0012
% RSD	13.20
Rep #1	-.0108
Rep #2	-.0083
Rep #3	-.0093
15	Unk: GISC15-22188 28/12/2015 12:02:00 CONC x100 DATE: 15122015 UNAM / CITRICO Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0124
Desv. Est.	.0019
% RSD	15.19
Rep #1	-.0116
Rep #2	-.0110
Rep #3	-.0145

1	Unk: GISC15-22184 28/12/2015 11:58:09 CONC x100 S.M.P. 151120: CITRICOCC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0052
Desv. Est.	.0012
% RSD	23.82
Rep #1	-0.0066
Rep #2	-0.0041
Rep #3	-0.0051
2	Unk: GISC15-22188 28/12/2015 12:02:00 CONC x100 S.M.P. 151120: CITRICOCC (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0.0082
Desv. Est.	.0019
% RSD	23.04
Rep #1	-0.0074
Rep #2	-0.0068
Rep #3	-0.0103

CONTENIDO

FRUTAS

- 1.1 Informes de resultados de prueba**
- 1.2 Curva de calibración**
- 1.3 Evaluación de muestras de control de calidad**
- 1.4 Datos crudos de lote analítico**



GRUPO INTEGRAL DE SERVICIOS FITOSANITARIOS ENA S.A. DE C.V.
 EMILIANO ZAPATA No. 10, SAN LUIS HUEXOTLA, TEXCOCO EDO. DE MEXICO
 C.P. 56250 TEL: 01(595) 928 41 78, 01(595) 931 39 60 y 01(595) 931 39 61
 TEL/FAX: 01(595) 928 40 77 E-mail: gisena@prodigy.net.mx

Número de acreditación No. SA-159-005/11
 Vigencia de acreditación a partir de 2011-05-10
 "Acreditación otorgada bajo la norma NMX-EC-17025-IMNC-2006/ISO/IEC 17025:2005
 Requisitos generales para la competencia de laboratorios de ensayo y calibración".

INFORME DE RESULTADOS DE PRUEBA

DATOS DE LA MUESTRA

Matriz: FRUTAS
Fecha de Recepción: 2015-11-05

INTERESADO

Nombre : Laboratorio Nacional de las Ciencias de la Sostenibilidad; Instituto de Ecología-UNAM
Dirección: Av. Universidad No. 3000, Col. UNAM, CU, Del. Coyoacán, Distrito Federal, CP 04510

DATOS DEL ANÁLISIS

Método: Determinación de metales y metaloides en agua y alimentos por Espectrometría de Emisión de Plasma de Acoplamiento Inductivo (ICP-OES)
Referencia: EPA 6010C-2007
Resultados: Ver hoja excell2015/11/05 (2)
Fecha de Análisis Metales y Mercurio: 2015-12-04 2015-12-10
Fecha de Realización del Informe: 2015-12-11

IDENTIFICACIÓN CLIENTE

CLAVE DE IDENTIFICACIÓN

L-I008/15/0074	GISC15-21718
L-I010/15/0092	GISC15-21733
L-I011/15/0108	GISC15-21749
L-I020/15/0193	GISC15-21815
L-I020/15/0194	GISC15-21816
L-I023/150224	GISC15-21834
L-I023/15/0225	GISC15-21835
L-I023/15/0226	GISC15-21836
L-I026/15/0259	GISC15-21868
L-I026/15/0260	GISC15-21869
L-I036/15/0354	GISC15-21937
L-I036/15/0355	GISC15-21938
L-I036/15/0356	GISC15-21939
L-I041/15/0408	GISC15-21988
L-I041/15/0409	GISC15-21989
L-I042/15/0414	GISC15-21994
L-I042/15/0415	GISC15-21995
L-I042/15/0416	GISC15-21996
L-I043/15/0430	GISC15-22010
L-I044/15/0431	GISC15-22011



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*Acreditación otorgada bajo la norma NMX-EC-17025-IMNC-2006/ISO/IEC 17025:2005
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IDENTIFICACIÓN CLIENTE

L-I044/15/0432
L-I045/15/0448
L-I051/15/0501
L-I051/15/0502
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CLAVE DE IDENTIFICACIÓN

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GISC15-22214
GISC15-22215
GISC15-22231
GISC15-22232
GISC15-22253
GISC15-22254
GISC15-22255

REVISÓ

Q.F.B. Leticia Velázquez Méndez

Gerente Técnico



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-FRUTAS-151204**
 Fecha de Análisis: **04/12/2015**
 Fecha de Reporte: **04/12/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000									
NIVEL 9										
Correlación	0.9996	0.9998	0.9995	0.9991	0.9997	0.9994	0.9996	0.9989	0.9993	0.9995

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/l		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/l		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
10	QC:QC	Aluminio	0.4000	0.4337	108	35	QC:QC	Aluminio	0.4000	0.4060	102
		Arsénico	0.4000	0.4188	105			Arsénico	0.4000	0.4125	103
		Cadmio	0.4000	0.3849	96			Cadmio	0.4000	0.3739	93
		Cobre	0.4000	0.3959	99			Cobre	0.4000	0.3842	96
		Fierro	0.4000	0.4098	102			Fierro	0.4000	0.3973	99
		Manganeso	0.4000	0.3937	98			Manganeso	0.4000	0.3786	95
		Níquel	0.4000	0.3815	95			Níquel	0.4000	0.3698	92
		Plomo	0.4000	0.4019	100			Plomo	0.4000	0.3950	99
		Zinc	0.4000	0.4179	104			Zinc	0.4000	0.4113	103
24	QC:QC	Aluminio	0.4000	0.4113	103	43	QC:QC	Aluminio	0.4000	0.3859	96
		Arsénico	0.4000	0.4135	103			Arsénico	0.4000	0.3945	99
		Cadmio	0.4000	0.3787	95			Cadmio	0.4000	0.3520	88
		Cobre	0.4000	0.3842	96			Cobre	0.4000	0.3720	93
		Fierro	0.4000	0.3980	100			Fierro	0.4000	0.3932	98
		Manganeso	0.4000	0.3801	95			Manganeso	0.4000	0.3654	91
		Níquel	0.4000	0.3747	94			Níquel	0.4000	0.3492	87
		Plomo	0.4000	0.3964	99			Plomo	0.4000	0.3774	94
Zinc	0.4000	0.4127	103	Zinc	0.4000	0.3912	98				
					6	QC:QC	Mercurio	0.0050	0.0058	116	
					21	QC:QC	Mercurio	0.0050	0.0058	116	
					33	QC:QC	Mercurio	0.0050	0.0058	116	
					40	QC:QC	Mercurio	0.0050	0.0042	84	

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)



Análisis:
 Lote analítico:
 Fecha de Análisis:
 Fecha de Reporte:

METALES PESADOS POR ICP-OES
 DMP-FRUTAS-151204
 04/12/2015
 04/12/2015

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	40.8000	102						
		Arsénico	40.0000	41.1600	103						
		Cadmio	40.0000	37.0900	93						
		Cobre	40.0000	37.7500	94						
		Fierro	40.0000	39.2600	98						
		Manganeso	40.0000	37.5400	94						
		Níquel	40.0000	36.7600	92						
		Plomo	40.0000	39.4600	99						
		Zinc	40.0000	41.2000	103						
8	Recuperación	Mercurio	0.5	0.5568	111						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

I.B.I. Gaudencio Vargas Espejel
 ELABORÓ

PACE/GIS/I02-F01

Q.F.B. Leticia Velázquez Méndez
 REVISÓ



Análisis:
 Lote analítico:
 Fecha de Análisis:
 Fecha de Reporte:

METALES PESADOS POR ICP-OES
 DMP-FRUTAS-151209
 09/12/2015
 09/12/2015

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000									
NIVEL 9										
Correlación	0.9999	0.9999	0.9999	0.9999	0.9995	0.9999	0.9994	0.9988	0.9995	0.9999

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/l		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/l		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
10	QC:QC	Aluminio	0.4000	0.4217	105	34	QC:QC	Aluminio	0.4000	0.4194	105
		Arsénico	0.4000	0.3936	98			Arsénico	0.4000	0.4062	102
		Cadmio	0.4000	0.4134	103			Cadmio	0.4000	0.4272	107
		Cobre	0.4000	0.4006	100			Cobre	0.4000	0.4119	103
		Fierro	0.4000	0.4298	107			Fierro	0.4000	0.4442	111
		Manganeso	0.4000	0.4087	102			Manganeso	0.4000	0.4228	106
		Níquel	0.4000	0.4051	101			Níquel	0.4000	0.4195	105
		Plomo	0.4000	0.4347	109			Plomo	0.4000	0.4519	113
		Zinc	0.4000	0.4440	111			Zinc	0.4000	0.4655	116
24	QC:QC	Aluminio	0.4000	0.4095	102	6	QC:QC	Mercurio	0.0050	0.0051	102
		Arsénico	0.4000	0.3967	99	21	QC:QC	Mercurio	0.0050	0.0050	100
		Cadmio	0.4000	0.4180	105	32	QC:QC	Mercurio	0.0050	0.0050	100
		Cobre	0.4000	0.4071	102	40	QC:QC	Mercurio	0.0050	0.0050	100
		Fierro	0.4000	0.4272	107						
		Manganeso	0.4000	0.4099	102						
		Níquel	0.4000	0.4106	103						
		Plomo	0.4000	0.4363	109						
Zinc	0.4000	0.4456	111								

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)



Análisis:
 Lote analítico:
 Fecha de Análisis:
 Fecha de Reporte:

METALES PESADOS POR ICP-OES
 DMP-FRUTAS-151209
 09/12/2015
 09/12/2015

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	42.4300	106						
		Arsénico	40.0000	39.7600	99						
		Cadmio	40.0000	42.4600	106						
		Cobre	40.0000	41.3400	103						
		Fierro	40.0000	45.6400	114						
		Manganeso	40.0000	41.9700	105						
		Níquel	40.0000	41.6600	104						
		Plomo	40.0000	45.7300	114						
		Zinc	40.0000	47.6400	119						
8	Recuperación	Mercurio	0.5	0.5026	101						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

I.B.I. Gaudencio Vargas Espejel

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ELABORÓ

PACE/GIS/I02-F01

Q.F.B. Leticia Velázquez Méndez

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REVISÓ



Residuos Tóxicos

Hoja de Trabajo (Preparación) -Metales y Metaloides-(2)

Clave	Matriz	Tejido	Fecha de Recepción	Peso de muestra (g)	
				Metales	Hg
GISC15-21718	Frutas		05/11/2015	0.5021	0.5088
GISC15-21733	Frutas		05/11/2015	0.5046	0.5048
GISC15-21749	Frutas		05/11/2015	0.5081	0.5062
GISC15-21815	Frutas		05/11/2015	0.5033	0.5039
GISC15-21816	Frutas		05/11/2015	0.5029	0.5009
GISC15-21834	Frutas		05/11/2015	0.5031	0.5061
GISC15-21835	Frutas		05/11/2015	0.5076	0.5057
GISC15-21836	Frutas		05/11/2015	0.5029	0.5052
GISC15-21868	Frutas		05/11/2015	0.5032	0.5060
GISC15-21869	Frutas		05/11/2015	0.5056	0.5089
GISC15-21937	Frutas		05/11/2015	0.5057	0.5059
GISC15-21938	Frutas		05/11/2015	0.5022	0.5009
GISC15-21939	Frutas		05/11/2015	0.5039	0.5016
GISC15-21988	Frutas		05/11/2015	0.5022	0.5070
GISC15-21989	Frutas		05/11/2015	0.5004	0.5085
GISC15-21994	Frutas		05/11/2015	0.5031	0.5065
GISC15-21995	Frutas		05/11/2015	0.5009	0.5018
GISC15-21996	Frutas		05/11/2015	0.5036	0.5050
GISC15-22010	Frutas		05/11/2015	0.5076	0.5033
GISC15-22011	Frutas		05/11/2015	0.5046	0.5086
GISC15-22012	Frutas		05/11/2015	0.5050	0.5077
GISC15-22022	Frutas		05/11/2015	0.5038	0.5050
GISC15-22070	Frutas		05/11/2015	0.5065	0.5029
GISC15-22071	Frutas		05/11/2015	0.5022	0.5060
GISC15-22072	Frutas		05/11/2015	0.5080	0.5097
GISC15-22073	Frutas		05/11/2015	0.5062	0.5025

P.A. *Reyna Ivette Delgado*

I.B.T. Reyna Ivette Delgado

Leticia Velazquez Mendez

Q.F.B. Leticia Velazquez Mendez



Residuos Tóxicos

Hoja de Trabajo (Preparación) -Metales y Metaloides-(2)

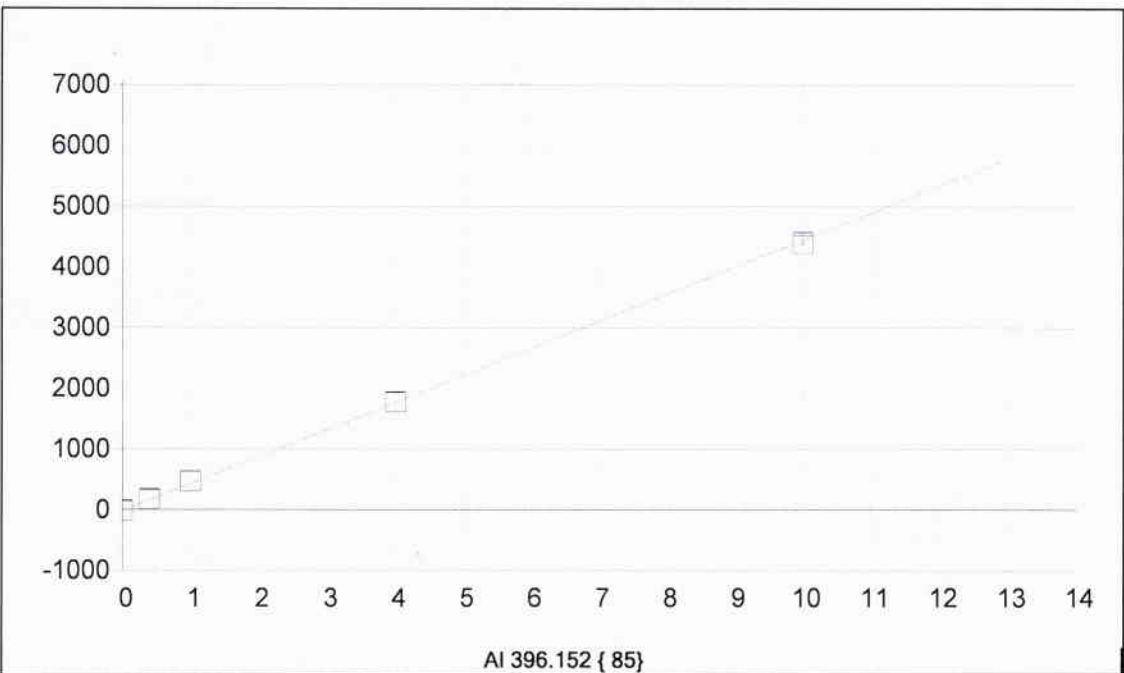
Clave	Matriz	Tejido	Fecha de Recepción	Peso de muestra (g)	
				Metales	Hg
GISC15-22023	Frutas		05/11/2015	0.5035	0.5088
GISC15-22074	Frutas		05/11/2015	0.5064	0.5030
GISC15-22118	Frutas		05/11/2015	0.5020	0.5036
GISC15-22119	Frutas		05/11/2015	0.5045	0.5034
GISC15-22120	Frutas		05/11/2015	0.5078	0.5088
GISC15-22121	Frutas		05/11/2015	0.5021	0.5093
GISC15-22158	Frutas		05/11/2015	0.5090	0.5047
GISC15-22159	Frutas		05/11/2015	0.5035	0.5085
GISC15-22160	Frutas		05/11/2015	0.5066	0.5046
GISC15-22161	Frutas		05/11/2015	0.5080	0.5047
GISC15-22162	Frutas		05/11/2015	0.5068	0.5070
GISC15-22163	Frutas		05/11/2015	0.5017	0.5023
GISC15-22185	Frutas		05/11/2015	0.5068	0.5049
GISC15-22186	Frutas		05/11/2015	0.5026	0.5038
GISC15-22187	Frutas		05/11/2015	0.5090	0.5059
GISC15-22210	Frutas		05/11/2015	0.5078	0.5094
GISC15-22211	Frutas		05/11/2015	0.5089	0.5063
GISC15-22212	Frutas		05/11/2015	0.5079	0.5011
GISC15-22213	Frutas		05/11/2015	0.5022	0.5024
GISC15-22214	Frutas		05/11/2015	0.5078	0.5081
GISC15-22215	Frutas		05/11/2015	0.5024	0.5065
GISC15-22231	Frutas		05/11/2015	0.5027	0.5018
GISC15-22232	Frutas		05/11/2015	0.5045	0.5036
GISC15-22253	Frutas		05/11/2015	0.5046	0.5070
GISC15-22254	Frutas		05/11/2015	0.5098	0.5092
GISC15-22255	Frutas		05/11/2015	0.5025	0.5091

P.A. *I. Reyna Ivette Delgado*

I.B.T. Reyna Ivette Delgado

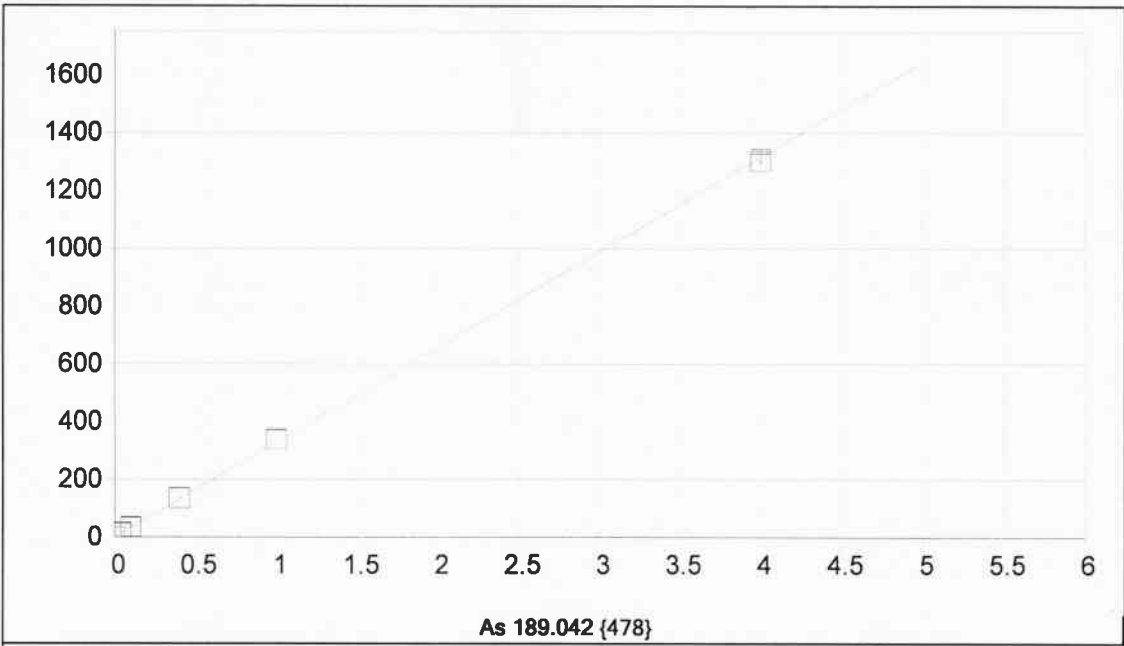
Q.F.B. Leticia Velazquez Mendez

Q.F.B. Leticia Velazquez Mendez



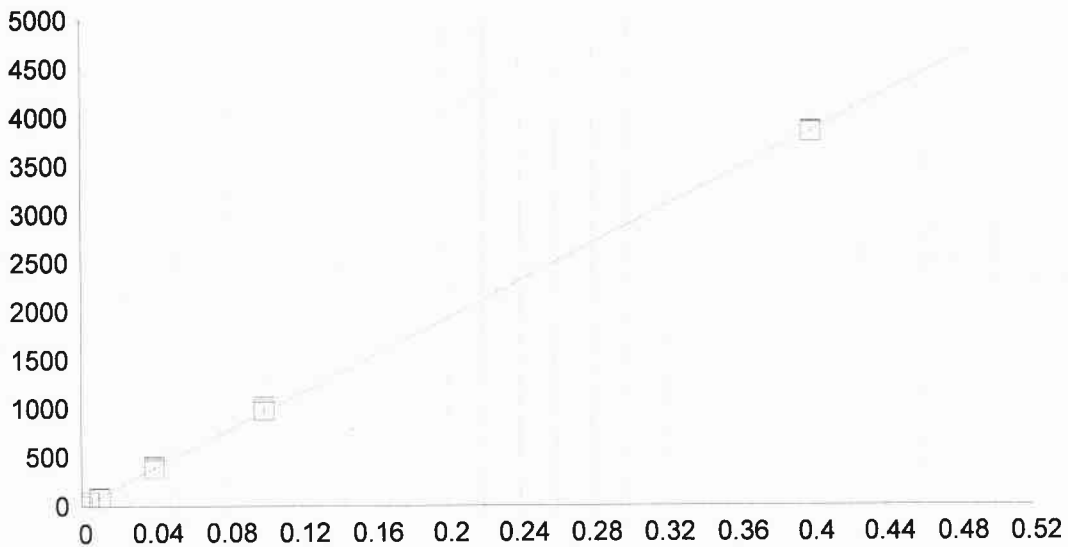
Fecha de la	04/12/2015 08:57:49	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	-14.136332	Reajustar P	1.000000		
A1 (Ganancia)	445.755072	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.999678	Estatus:	OK.		
Error Estándar de Est:	1.145853				
MDL:	0.018766				
MQL:	0.062553				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00005	-.000	.000	-14.161	5.19	1
STD 5	.40000	.42483	.025	6.21	175.23	4.77	1
STD 6	1.0000	1.0835	.084	8.35	468.84	2.09	1
STD 7	4.0000	4.0093	.009	.232	1773.0	7.19	1
STD 8	10.000	9.8824	-.118	-1.18	4391.0	30.5	1



Fecha de la	04/12/2015 08:53:48	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	0.232195	Reajustar P	1.000000		
A1 (Ganancia)	329.277280	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.999821	Estatus:	OK.		
Error Estándar de Est:	0.113524				
MDL:	0.002683				
MQL:	0.008943				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	.22998	.032	1
STD 4	.10000	.10528	.005	5.28	34.899	.867	1
STD 5	.40000	.41169	.012	2.92	135.79	.639	1
STD 6	1.0000	1.0253	.025	2.53	337.86	.595	1
STD 7	4.0000	3.9548	-.045	-1.13	1302.5	8.56	1
STD 3	.04000	.04289	.003	7.24	14.356	.865	1

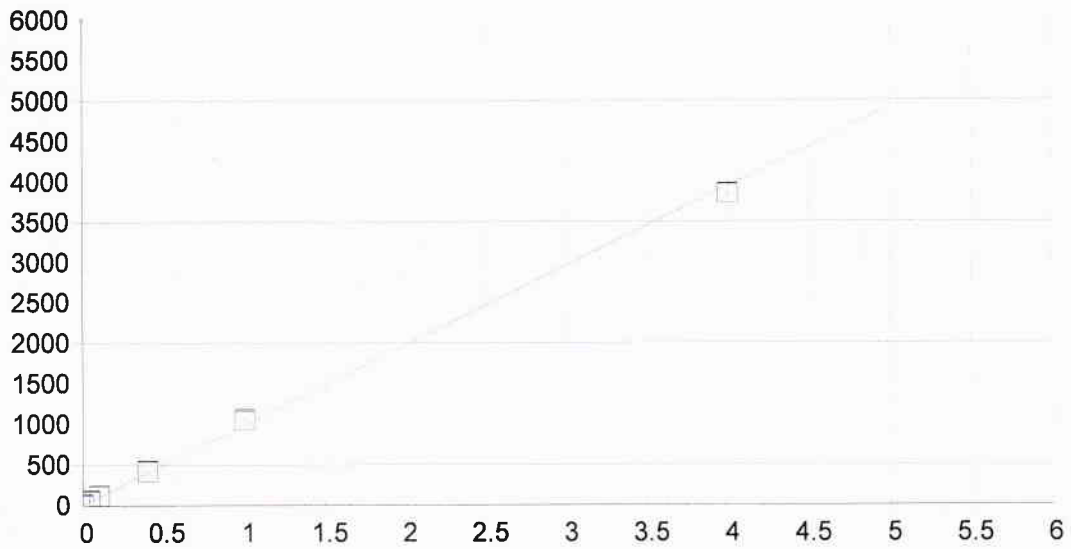


Cd 226.502 {449}

Fecha de la 04/12/2015 08:48:36 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 4.114627 Reajustar P 1.000000
 A1 (Ganancia) 9646.478845 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999572 Estatus: OK.
 Error Estándar de Est: 0.514446
 MDL: 0.000148
 MQL: 0.000492

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	4.1207	.797	1
STD 1	.00400	.00402	.000	.412	42.859	.706	1
STD 2	.01000	.00802	-.002	-19.8	81.444	1.94	1
STD 3	.04000	.04054	.001	1.35	395.17	17.2	1
STD 4	.10000	.10265	.003	2.65	994.31	24.7	1
STD 5	.40000	.39878	-.001	-.305	3850.9	9.04	1

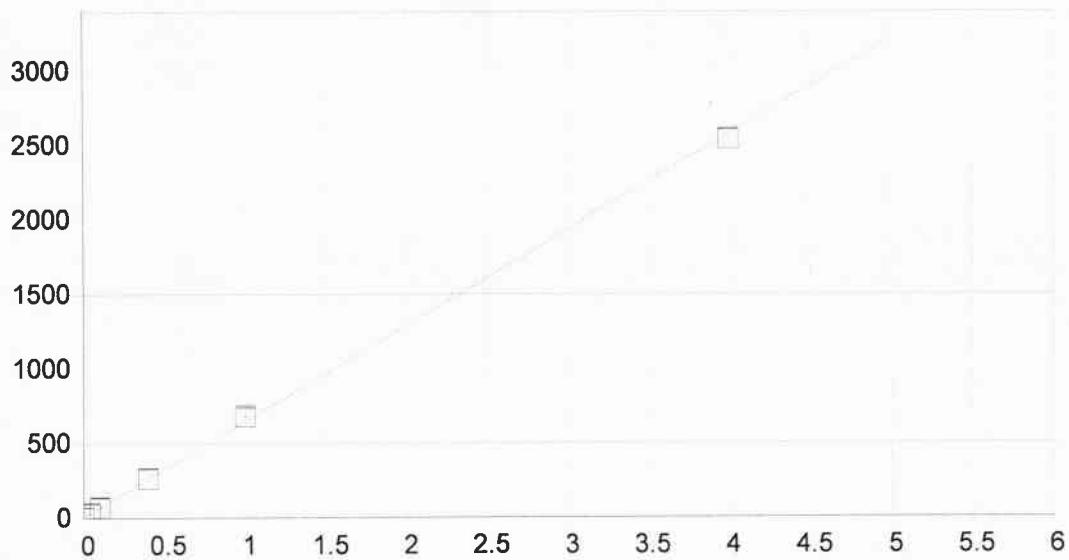


Cu 324.754 {104}

Fecha de la 04/12/2015 08:53:48 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 9.856066 Reajustar P 1.000000
 A1 (Ganancia) 982.893493 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999155 Estatus: OK.
 Error Estándar de Est: 0.736705
 MDL: 0.004714
 MQL: 0.015714

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00002	-.000	.000	9.8409	5.85	1
STD 5	.40000	.41856	.019	4.64	421.25	5.05	1
STD 6	1.0000	1.0597	.060	5.97	1051.4	15.7	1
STD 7	4.0000	3.9039	-.096	-2.40	3847.0	6.44	1
STD 3	.04000	.04837	.008	20.9	57.395	5.43	1
STD 4	.10000	.10943	.009	9.43	117.41	1.51	1

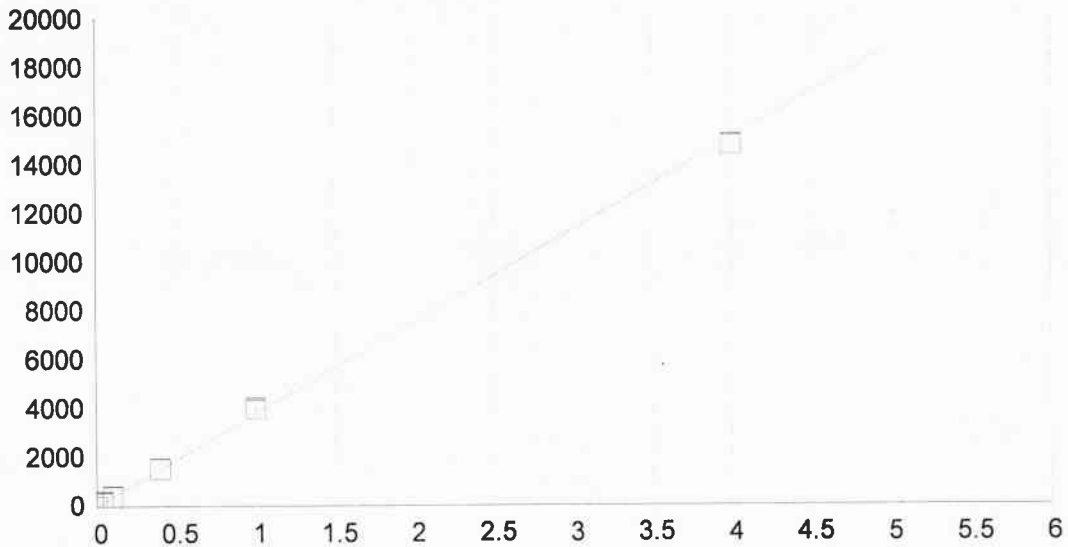


Fe 259.940 {130}

Fecha de la 04/12/2015 08:53:48 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 3.953346 Reajustar P 1.000000
 A1 (Ganancia) 643.529551 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999700 Estatus: OK.
 Error Estándar de Est: 0.287030
 MDL: 0.003570
 MQL: 0.011900

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	3.9500	1.48	1
STD 5	.40000	.40265	.003	.664	263.07	1.87	1
STD 6	1.0000	1.0479	.048	4.79	678.28	8.66	1
STD 3	.04000	.04239	.002	5.97	31.230	4.20	1
STD 4	.10000	.10298	.003	2.98	70.223	2.70	1
STD 7	4.0000	3.9441	-.056	-1.40	2542.1	5.01	1

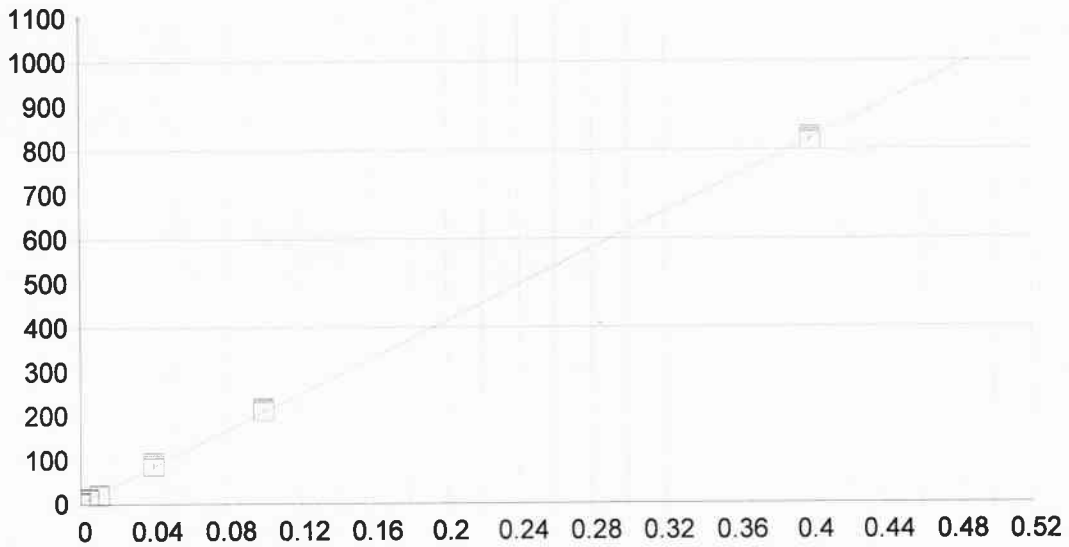


Mn 257.610 {131}

Fecha de la 04/12/2015 08:53:49 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 4.742446 Reajustar P 1.000000
 A1 (Ganancia) 3772.047686 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999496 Estatus: OK.
 Error Estándar de Est: 2.182563
 MDL: 0.000656
 MQL: 0.002186

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	4.7083	1.94	1
STD 5	.40000	.40681	.007	1.70	1539.2	11.9	1
STD 6	1.0000	1.0572	.057	5.72	3992.4	55.6	1
STD 3	.04000	.04466	.005	11.7	173.21	8.72	1
STD 4	.10000	.10539	.005	5.39	402.27	7.29	1
STD 7	4.0000	3.9260	-.074	-1.85	14814.	28.1	1

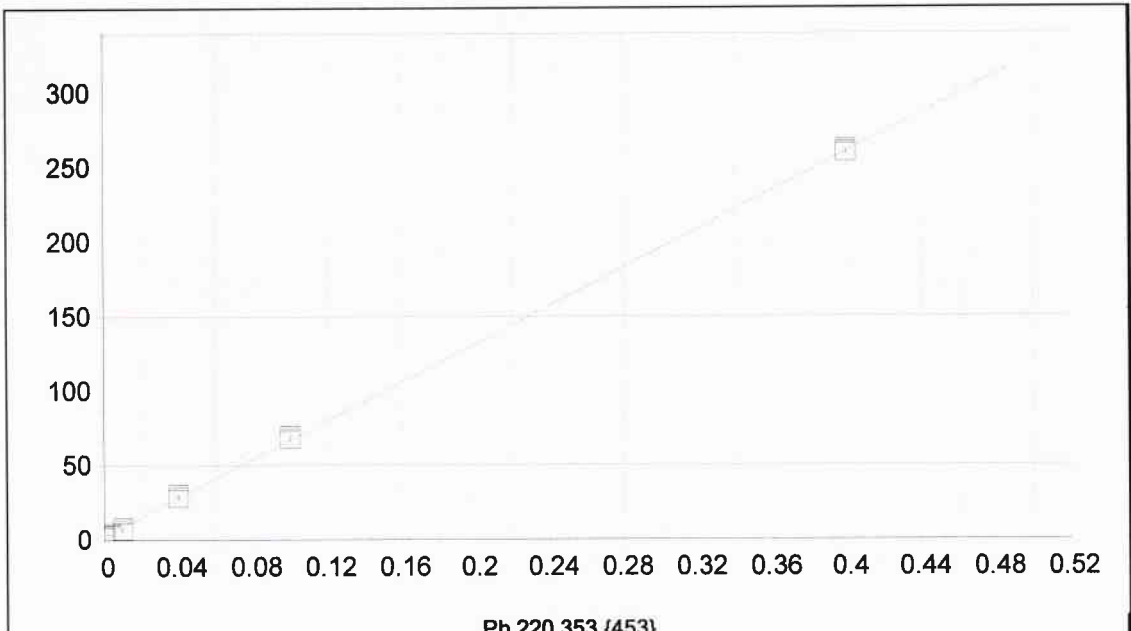


Ni 231.604 (446)

Fecha de la 04/12/2015 08:48:36 Tipo de unió Lineal Ponderación: 1/Conc

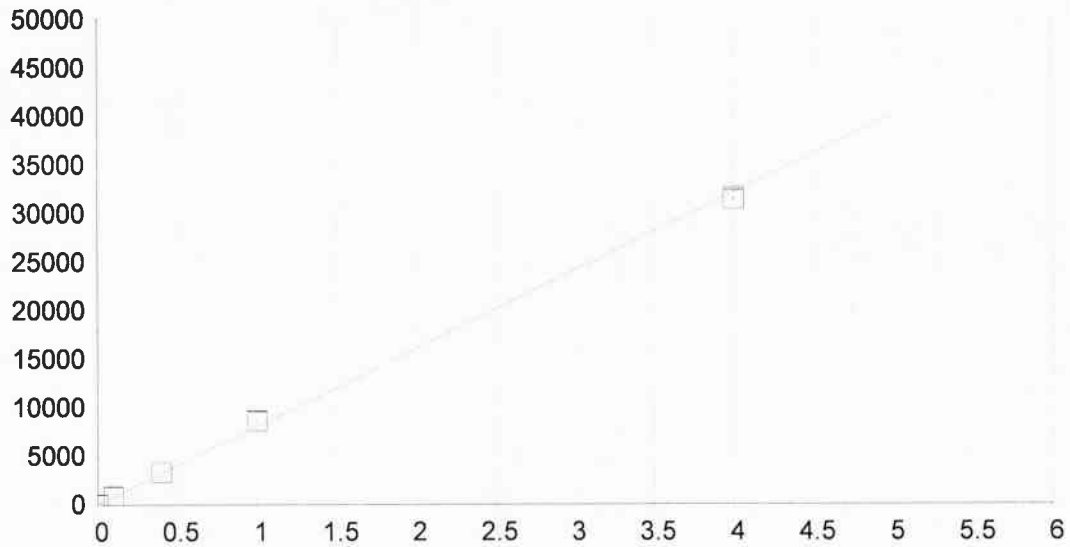
A0 (Compensación): 3.100670 Reajustar P 1.000000
 A1 (Ganancia) 2054.771108 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999675 Estatus: OK.
 Error Estándar de Est: 0.095380
 MDL: 0.000624
 MQL: 0.002079

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	3.1016	.553	1
STD 1	.00400	.00404	.000	.879	11.392	.895	1
STD 2	.01000	.00831	-.002	-16.9	20.177	.558	1
STD 3	.04000	.04118	.001	2.96	87.722	5.51	1
STD 4	.10000	.10185	.002	1.85	212.38	3.36	1
STD 5	.40000	.39862	-.001	-.345	822.18	5.52	1



Fecha de la	04/12/2015 08:58:47	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	2.310785	Reajustar P	1.000000		
A1 (Ganancia)	645.051917	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.998980	Estatus:	OK.		
Error Estándar de Est:	0.055810				
MDL:	0.001862				
MQL:	0.006206				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	2.3115	1.10	1
STD 1	.00400	.00190	-.002	-52.4	3.5377	.618	0
STD 2	.01000	.00674	-.003	-32.6	6.6597	1.60	1
STD 3	.04000	.04085	.001	2.12	28.659	1.82	1
STD 4	.10000	.10208	.002	2.08	68.160	1.46	1
STD 5	.40000	.40033	.000	.082	260.54	1.28	1

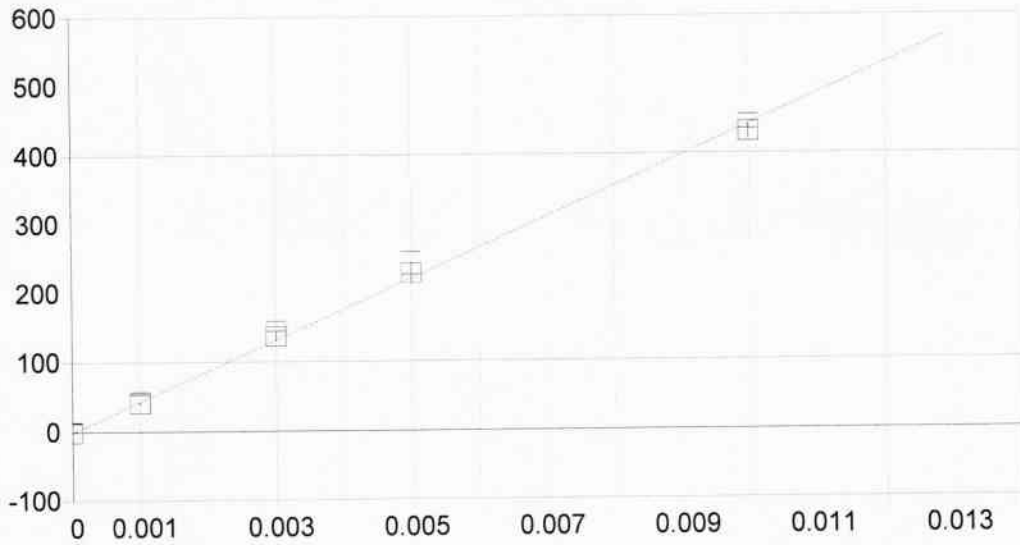


Zn 213.856 {458}

Fecha de la 04/12/2015 08:53:49 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 16.290261 Reajustar P 1.000000
 A1 (Ganancia) 8048.930645 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999331 Estatus: OK.
 Error Estándar de Est: 8.914064
 MDL: 0.000145
 MQL: 0.000482

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	16.190	.668	1
STD 4	.10000	.10460	.005	4.60	858.24	20.3	1
STD 5	.40000	.41191	.012	2.98	3331.7	9.22	1
STD 6	1.0000	1.0702	.070	7.02	8629.9	47.4	1
STD 7	4.0000	3.9133	-.087	-2.17	31514.	194.	1



Hg 194.227 {474}

Fecha de la 07/12/2015 12:36:00 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -1.303737 Reajustar P: 1.000000
 A1 (Ganancia) 44333.17233 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999504 Estatus: OK.
 Error Estándar de Est: 0.248232
 MDL: 0.000033
 MQL: 0.000111

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-1.3039	.711	1
STD 1	.00100	.00095	-.000	-4.57	41.003	1.93	1
STD 2	.00300	.00313	.000	4.17	137.24	7.17	1
STD 3	.00500	.00517	.000	3.32	227.72	16.2	1
STD 4	.01000	.00975	-.000	-2.45	431.15	10.2	1

1	Cal: Blanco 04/12/2015 08:30:38 IR D MP-151204: FRUTAS (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	-14.16	.2300	4.121	9.841	3.950	4.708	3.102	2.312	16.19	
Desv. Est.	5.19	.0320	.797	5.855	1.485	1.938	.553	1.101	.67	
% RSD	36.65	13.91	19.34	59.50	37.59	41.16	17.82	47.64	4.127	
Rep #1	-14.92	.2155	4.519	4.764	4.910	5.500	3.105	3.031	15.94	
Rep #2	-18.93	.2078	3.203	8.514	2.240	6.125	3.653	2.860	15.68	
Rep #3	-8.632	.2666	4.640	16.25	4.700	2.500	2.547	1.044	16.95	
2	Cal: STD 1 04/12/2015 08:35:37 IR D MP-151204: FRUTAS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	42.86	11.39	3.538							
Desv. Est.	.71	.90	.618							
% RSD	1.646	7.859	17.47							
Rep #1	42.24	11.25	4.251							
Rep #2	42.71	10.57	3.201							
Rep #3	43.63	12.35	3.162							
3	Cal: STD 2 04/12/2015 08:38:51 IR D MP-151204: FRUTAS (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	81.44	20.18	6.660							
Desv. Est.	1.94	.56	1.599							
% RSD	2.385	2.764	24.01							
Rep #1	79.22	19.79	7.255							
Rep #2	82.81	19.92	7.875							
Rep #3	82.30	20.82	4.848							
4	Cal: STD 3 04/12/2015 08:41:21 IR D MP-151204: FRUTAS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	14.36	395.2	57.40	31.23	173.2	87.72	28.66			
Desv. Est.	.87	17.3	5.43	4.20	8.7	5.51	1.82			
% RSD	6.029	4.364	9.468	13.45	5.032	6.286	6.336			
Rep #1	14.41	380.9	63.35	36.06	182.3	84.51	26.63			
Rep #2	15.20	414.3	52.70	29.20	164.9	94.09	30.12			
Rep #3	13.47	390.3	56.13	28.43	172.4	84.57	29.23			
5	Cal: STD 4 04/12/2015 08:43:53 IR D MP-151204: FRUTAS (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138		
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45		
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s		
Media	34.90	994.3	117.4	70.22	402.3	212.4	68.16	858.2		
Desv. Est.	.87	24.7	1.5	2.70	7.3	3.4	1.46	20.3		
% RSD	2.483	2.487	1.285	3.846	1.812	1.582	2.141	2.371		
Rep #1	33.97	993.1	119.1	73.26	410.2	211.2	67.76	852.4		
Rep #2	35.69	1020.	116.8	68.09	400.9	216.2	69.78	880.9		
Rep #3	35.03	970.2	116.3	69.32	395.8	209.7	66.94	841.5		
6	Cal: STD 5 04/12/2015 08:46:26 IR D MP-151204: FRUTAS (UNAM):									

	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s
Media	175.2	135.8	3851.	421.3	263.1	1539.	822.2	260.5	3332.
Desv. Est.	4.8	.6	9.	5.1	1.9	12.	5.5	1.3	9.
% RSD	2.720	.4706	.2347	1.199	.7093	.7717	.6710	.4920	.2766
Rep #1	170.9	136.5	3854.	425.4	261.8	1542.	827.8	261.6	3341.
Rep #2	174.4	135.5	3858.	422.7	262.2	1549.	822.1	260.9	3333.
Rep #3	180.3	135.3	3841.	415.6	265.2	1526.	816.7	259.1	3322.
7	Cal: STD 6 04/12/2015 08:49:09 IR D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	396.152 { 85	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	468.8	337.9	1051.	678.3	3992.	8630.			
Desv. Est.	2.1	.6	16.	8.7	56.	47.			
% RSD	.4468	.1762	1.497	1.276	1.393	.5491			
Rep #1	466.7	338.5	1055.	682.4	4004.	8685.			
Rep #2	470.9	337.7	1065.	684.1	4042.	8600.			
Rep #3	469.0	337.3	1034.	668.3	3932.	8605.			
8	Cal: STD 7 04/12/2015 08:51:45 IR D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	396.152 { 85	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	1773.	1302.	3847.	2542.	14810.	31510.			
Desv. Est.	7.	9.	6.	5.	28.	194.			
% RSD	.4057	.6575	.1674	.1972	.1898	.6160			
Rep #1	1771.	1297.	3846.	2537.	14830.	31410.			
Rep #2	1781.	1312.	3854.	2543.	14780.	31740.			
Rep #3	1767.	1298.	3841.	2547.	14830.	31390.			
9	Cal: STD 8 04/12/2015 08:55:44 IR D MP-151204: FRUTAS (UNAM):								
	Al3961								
Línea	396.152 { 85								
Unidades	Cts/s								
Media	4391.								
Desv. Est.	30.								
% RSD	.6938								
Rep #1	4426.								
Rep #2	4379.								
Rep #3	4369.								
10	QC: QC 04/12/2015 09:01:52 CONC D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4337	.4188	.3849	.3959	.4098	.3937	.3815	.4019	.4179
Desv. Est.	.0199	.0055	.0068	.0100	.0124	.0130	.0064	.0036	.0069
% RSD	4.582	1.309	1.765	2.516	3.029	3.313	1.665	.9055	1.656
Rep #1	.4120	.4248	.3920	.3955	.4047	.3892	.3885	.4059	.4251
Rep #2	.4510	.4174	.3845	.4061	.4240	.4084	.3802	.4011	.4173
Rep #3	.4383	.4142	.3784	.3862	.4007	.3835	.3760	.3988	.4113
Comprobación	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp
Valor									
Intervalo									

11	Unk: REACTIVO 04/12/2015 09:04:01 CONC D MP-151204: FRUTAS (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.0331	.0023	.0030	.0084	.0050	.0052	.0025	.0032	.0036	
Desv. Est.	.0193	.0026	.0014	.0050	.0028	.0053	.0012	.0005	.0016	
% RSD	58.30	114.5	46.97	59.68	56.28	102.4	48.38	14.64	43.83	
Rep #1	.0387	.0041	.0014	.0051	.0071	.0044	.0011	.0028	.0018	
Rep #2	.0491	-.0007	.0041	.0141	.0060	.0108	.0033	.0031	.0046	
Rep #3	.0117	.0033	.0035	.0059	.0018	.0003	.0031	.0037	.0044	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
12	Unk: RECUPERACION 04/12/2015 09:06:28 CONC x100 D MP-151204: FRUTAS (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	40.80	41.16	37.09	37.75	39.26	37.54	36.76	39.46	41.20	
Desv. Est.	1.13	.19	.51	1.05	.93	.84	.43	.76	.55	
% RSD	2.759	.4571	1.381	2.793	2.379	2.241	1.165	1.920	1.327	
Rep #1	41.98	41.33	37.55	38.96	40.20	38.48	37.20	40.03	41.67	
Rep #2	39.74	40.96	36.54	37.05	38.33	36.86	36.34	38.60	40.60	
Rep #3	40.69	41.20	37.17	37.23	39.26	37.28	36.75	39.74	41.32	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
13	Blanco: REACTIVO 04/12/2015 09:09:02 CONC D MP-151204: FRUTAS (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.0240	.0009	.0031	.0042	.0013	.0006	.0031	.0029	.0040	
Desv. Est.	.0085	.0011	.0014	.0040	.0015	.0009	.0019	.0011	.0016	
% RSD	35.33	127.9	47.34	95.45	118.3	147.8	61.30	38.01	39.48	
Rep #1	.0142	.0019	.0037	.0087	.0027	.0002	.0037	.0034	.0048	
Rep #2	.0292	-.0003	.0014	.0024	-.0003	.0017	.0010	.0017	.0022	
Rep #3	.0284	.0010	.0041	.0013	.0015	-.0000	.0046	.0037	.0051	
Comprobació										
Valor										
Intervalo										
14	Unk: GISC15-21718 04/12/2015 09:11:44 CONC x100 D MP-151204: FRUTAS (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	4.620	.2829	.0016	1.140	13.40	.5444	.3872	<.0000	1.245	
Desv. Est.	.022	.1779	.0479	.054	.58	.0634	.0607	.1479	.016	
% RSD	.4791	62.89	2963.	4.746	4.302	11.64	15.67	953.0	1.305	
Rep #1	4.594	.4857	.0390	1.103	13.02	.4761	.4539	.1483	1.256	
Rep #2	4.630	.2100	.0182	1.202	13.13	.5556	.3727	-.0557	1.254	
Rep #3	4.635	.1530	-.0524	1.115	14.07	.6014	.3352	-.1391	1.227	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
15	Unk: GISC15-21718-R 04/12/2015 09:16:27 CONC x100 D MP-151204: FRUTAS (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	

Media	7.138	.0396	<.0000	1.617	33.29	.5815	1.675	<.0000	3.004
Desv. Est.	2.236	.1774	.0017	.263	.41	.0763	.054	.1011	.019
% RSD	31.32	447.6	3.816	16.30	1.230	13.12	3.215	135.0	.6315
Rep #1	9.617	-.0117	-.0435	1.580	32.86	.6378	1.730	-.1907	2.993
Rep #2	5.276	-.1065	-.0463	1.896	33.67	.4947	1.622	-.0297	3.026
Rep #3	6.519	.2370	-.0468	1.373	33.34	.6120	1.671	-.0042	2.993
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
20	Unk: GISC15-21834 04/12/2015 09:33:17 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.272	.2607	<.0000	1.014	35.98	.5629	1.618	<.0000	3.139
Desv. Est.	1.246	.1957	.0137	.199	.26	.1229	.019	.1200	.057
% RSD	23.64	75.05	43.69	19.62	.7281	21.83	1.184	144.0	1.809
Rep #1	5.270	.4867	-.0164	.9789	35.92	.6305	1.614	-.1439	3.202
Rep #2	4.027	.1473	-.0344	1.228	35.76	.6372	1.601	.0549	3.126
Rep #3	6.519	.1483	-.0433	.8346	36.27	.4211	1.639	-.1611	3.091
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
21	Unk: GISC15-21835 04/12/2015 09:35:32 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.814	.0426	<.0000	1.302	34.03	.6266	1.802	<.0000	5.983
Desv. Est.	.502	.3252	.0121	.271	.15	.0219	.022	.1516	.039
% RSD	8.637	764.1	30.20	20.81	.4280	3.496	1.238	471.0	.6438
Rep #1	5.236	-.3292	-.0269	1.230	34.10	.6054	1.827	-.1450	6.026
Rep #2	6.142	.2745	-.0430	1.601	33.86	.6252	1.786	-.0917	5.972
Rep #3	6.064	.1824	-.0507	1.074	34.12	.6491	1.793	.1402	5.952
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
22	Unk: GISC15-21836 04/12/2015 09:37:36 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.834	.1064	<.0000	.6747	32.64	.5331	1.618	<.0000	2.868
Desv. Est.	.975	.0903	.0102	.2652	.47	.0583	.011	.0110	.016
% RSD	20.17	84.81	34.68	39.31	1.426	10.94	.6797	14.35	.5436
Rep #1	3.719	.1655	-.0344	.3767	32.17	.5318	1.605	-.0674	2.879
Rep #2	5.530	.0025	-.0361	.8850	33.10	.5921	1.624	-.0891	2.850
Rep #3	5.252	.1513	-.0177	.7624	32.64	.4755	1.625	-.0746	2.876
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
23	Unk: GISC15-21868 04/12/2015 09:40:14 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	10.30	.2791	<.0000	1.085	31.48	1.404	1.297	<.0000	2.336

Desv. Est.	.59	.1804	.0113	.373	.09	.068	.035	.1621	.020
% RSD	5.755	64.64	25.31	34.35	.2765	4.834	2.712	184.5	.8753
Rep #1	10.14	.4327	-.0396	.6547	31.43	1.482	1.260	.0016	2.358
Rep #2	10.96	.0805	-.0369	1.307	31.42	1.378	1.301	-.2750	2.332
Rep #3	9.810	.3241	-.0577	1.293	31.58	1.354	1.330	.0098	2.318
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
24	QC: QC 04/12/2015 09:40:16 CONC D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4113	.4135	.3787	.3842	.3980	.3801	.3747	.3964	.4127
Desv. Est.	.0197	.0028	.0037	.0051	.0110	.0068	.0040	.0060	.0036
% RSD	4.793	.6716	.9785	1.339	2.761	1.792	1.055	1.521	.8701
Rep #1	.3890	.4103	.3767	.3817	.3968	.3786	.3724	.3912	.4102
Rep #2	.4185	.4156	.3830	.3809	.3876	.3741	.3793	.4030	.4168
Rep #3	.4264	.4144	.3764	.3901	.4095	.3875	.3724	.3949	.4111
Comprobaci3n	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp
Valor									
Intervalo									
25	Unk: GISC15-21869 04/12/2015 09:43:01 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	11.12	.1855	<.0000	.9843	35.12	1.324	1.452	<.0000	1.828
Desv. Est.	.89	.1430	.0050	.1336	.78	.034	.013	.0143	.019
% RSD	8.020	77.07	12.69	13.58	2.215	2.590	.8776	10.97	1.029
Rep #1	11.94	.2137	-.0345	.8827	35.24	1.287	1.464	-.1263	1.820
Rep #2	11.24	.3123	-.0444	.9345	35.82	1.330	1.454	-.1459	1.850
Rep #3	10.17	.0305	-.0388	1.136	34.28	1.354	1.438	-.1182	1.814
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
26	Unk: GISC15-21937 04/12/2015 09:45:34 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.260	.3566	<.0000	.7797	48.47	.8185	1.509	<.0000	2.446
Desv. Est.	1.878	.0722	.0096	.2028	.60	.0723	.018	.1099	.020
% RSD	30.00	20.24	19.57	26.01	1.240	8.838	1.205	63.09	.8177
Rep #1	8.417	.4189	-.0380	.5751	48.80	.8141	1.489	-.2769	2.453
Rep #2	5.382	.3733	-.0553	.7832	48.83	.8930	1.513	-.1877	2.423
Rep #3	4.982	.2775	-.0539	.9807	47.78	.7485	1.524	-.0582	2.461
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
27	Unk: GISC15-21938 04/12/2015 09:47:58 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.186	.2212	<.0000	.6108	33.63	.9935	1.433	<.0000	1.957
Desv. Est.	1.407	.1517	.0085	.1303	.22	.0366	.016	.2039	.015

% RSD	44.17	68.61	24.19	21.34	.6450	3.684	1.085	155.4	.7814
Rep #1	2.407	.1388	-.0417	.4665	33.40	1.025	1.422	-.3665	1.974
Rep #2	4.810	.3963	-.0256	.6459	33.65	.9533	1.450	-.0210	1.944
Rep #3	2.340	.1284	-.0385	.7199	33.83	1.002	1.426	-.0061	1.954
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
28	Unk: GISC15-21939 04/12/2015 09:49:12 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.304	<.0000	<.0000	.8011	33.24	.7912	1.608	<.0000	2.196
Desv. Est.	.493	.2802	.0068	.0960	.48	.0342	.029	.0991	.031
% RSD	9.297	990.3	12.60	11.98	1.433	4.325	1.784	135.2	1.395
Rep #1	5.873	-.3376	-.0512	.8711	33.59	.8075	1.641	-.1230	2.231
Rep #2	5.036	.0440	-.0490	.6917	33.44	.8141	1.594	-.1375	2.179
Rep #3	5.003	.2087	-.0617	.8406	32.70	.7518	1.590	.0408	2.177
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
29	Unk: GISC15-21988 04/12/2015 09:51:34 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.883	.2910	<.0000	.7268	28.32	.3824	1.394	<.0000	2.024
Desv. Est.	2.157	.1647	.0042	.4181	.20	.0590	.028	.1888	.047
% RSD	31.34	56.59	15.51	57.52	.7190	15.43	1.997	133.5	2.313
Rep #1	5.940	.4681	-.0299	1.124	28.55	.3542	1.409	-.0436	1.995
Rep #2	5.357	.1425	-.0224	.2903	28.23	.3429	1.362	-.3591	2.000
Rep #3	9.350	.2623	-.0295	.7666	28.17	.4503	1.412	-.0216	2.078
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
30	Unk: GISC15-21989 04/12/2015 09:54:16 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	7.625	.0963	<.0000	.9849	34.92	.4989	1.810	<.0000	4.012
Desv. Est.	.525	.0609	.0191	.3171	.76	.0731	.024	.2148	.028
% RSD	6.883	63.28	38.79	32.20	2.179	14.65	1.318	309.3	.6957
Rep #1	8.168	.0869	-.0467	1.338	35.52	.4861	1.829	.0429	4.022
Rep #2	7.120	.0406	-.0697	.8915	34.06	.4330	1.819	-.3172	4.033
Rep #3	7.587	.1614	-.0317	.7250	35.17	.5775	1.783	.0659	3.980
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
31	Unk: GISC15-21994 04/12/2015 09:56:59 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.270	.1828	<.0000	1.333	33.67	.7918	1.762	<.0000	3.112
Desv. Est.	.357	.2403	.0137	.134	.30	.0365	.031	.0684	.031
% RSD	5.699	131.4	55.14	10.07	.8825	4.604	1.781	93.26	1.010

Rep #1	6.678	.4533	-.0407	1.412	33.76	.7551	1.747	-.0265	3.077
Rep #2	6.118	-.0059	-.0182	1.178	33.33	.8280	1.740	-.0417	3.120
Rep #3	6.014	.1010	-.0158	1.410	33.90	.7923	1.798	-.1518	3.139
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
32	Unk: GISC15-21995 04/12/2015 09:59:01 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.300	.4075	<.0000	1.034	29.12	.3645	1.463	<.0000	1.763
Desv. Est.	1.776	.0976	.0131	.333	.60	.0479	.056	.1173	.005
% RSD	33.50	23.96	46.13	32.21	2.051	13.13	3.858	324.7	.2978
Rep #1	3.257	.3946	-.0433	.8031	29.63	.4198	1.495	.0795	1.769
Rep #2	6.169	.5110	-.0195	1.415	29.26	.3389	1.495	-.1551	1.762
Rep #3	6.474	.3170	-.0221	.8827	28.46	.3349	1.398	-.0328	1.759
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
33	Unk: GISC15-21996 04/12/2015 10:01:58 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.746	.0774	<.0000	.7093	26.79	.4936	1.291	<.0000	2.389
Desv. Est.	1.191	.2817	.0058	.1763	.80	.0361	.043	.0371	.012
% RSD	31.80	363.8	13.54	24.86	2.996	7.311	3.294	24.23	.4867
Rep #1	5.115	.3676	-.0491	.8785	27.09	.4542	1.303	-.1222	2.403
Rep #2	3.174	-.1949	-.0384	.5266	27.40	.5252	1.243	-.1425	2.381
Rep #3	2.948	.0595	-.0400	.7227	25.88	.5013	1.325	-.1940	2.385
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
34	Unk: GISC15-22010 04/12/2015 10:06:37 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.091	.4260	<.0000	1.810	47.87	1.043	1.652	<.0000	2.225
Desv. Est.	1.196	.0925	.0046	.092	.54	.046	.073	.1198	.017
% RSD	19.63	21.71	12.24	5.067	1.135	4.423	4.422	102.3	.7460
Rep #1	7.338	.5002	-.0423	1.846	48.35	1.094	1.684	-.0788	2.216
Rep #2	4.953	.3224	-.0334	1.705	47.98	1.005	1.568	-.0212	2.244
Rep #3	5.983	.4553	-.0362	1.877	47.28	1.030	1.703	-.2513	2.214
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
35	QC: QC 04/12/2015 10:12:57 CONC D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4060	.4125	.3739	.3842	.3973	.3786	.3698	.3950	.4113
Desv. Est.	.0180	.0079	.0080	.0044	.0074	.0043	.0074	.0085	.0081
% RSD	4.426	1.924	2.146	1.148	1.853	1.131	2.008	2.161	1.977
Rep #1	.3892	.4215	.3825	.3819	.3932	.3769	.3777	.4043	.4203

Rep #2	.4250	.4095	.3725	.3893	.4058	.3834	.3688	.3932	.4092
Rep #3	.4039	.4065	.3666	.3815	.3929	.3754	.3629	.3875	.4044
Comprobaci3n	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp
Valor									
Intervalo									
36	Unk: GISC15-22011 04/12/2015 10:18:39 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.858	.4094	<.0000	1.282	13.70	.7688	.5090	<.0000	2.030
Desv. Est.	.709	.3542	.0056	.274	.68	.0512	.0711	.1945	.007
% RSD	14.60	86.51	17.28	21.40	4.982	6.659	13.97	87.84	.3246
Rep #1	4.657	.6075	-.0298	1.568	12.91	.7121	.4994	-.3435	2.032
Rep #2	4.271	.0005	-.0388	1.258	14.06	.7830	.5844	.0029	2.022
Rep #3	5.647	.6203	-.0286	1.021	14.12	.8115	.4431	-.3238	2.035
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
37	Unk: GISC15-22011-R 04/12/2015 10:21:05 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.847	.3940	<.0000	1.428	13.42	.7953	.4887	<.0000	2.045
Desv. Est.	1.113	.0733	.0162	.207	.15	.0472	.0754	.1421	.033
% RSD	16.25	18.60	52.39	14.47	1.084	5.930	15.42	220.4	1.600
Rep #1	7.962	.4563	-.0443	1.666	13.47	.8473	.4438	-.2022	2.062
Rep #2	6.844	.4125	-.0356	1.313	13.26	.7551	.5757	-.0730	2.066
Rep #3	5.736	.3133	-.0129	1.304	13.54	.7836	.4466	.0817	2.007
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
38	Unk: GISC15-22012 04/12/2015 10:23:52 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.065	.3048	<.0000	1.933	32.89	1.301	1.662	<.0000	2.559
Desv. Est.	1.174	.1116	.0137	.540	.55	.039	.043	.2084	.012
% RSD	23.18	36.61	41.36	27.95	1.687	3.032	2.592	392.8	.4739
Rep #1	4.000	.3254	-.0455	2.454	33.21	1.333	1.613	-.1006	2.547
Rep #2	6.324	.4047	-.0354	1.968	32.25	1.257	1.693	-.2336	2.571
Rep #3	4.873	.1844	-.0184	1.376	33.21	1.313	1.681	.1750	2.560
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
39	Unk: GISC15-22022 04/12/2015 10:26:20 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.540	.0868	<.0000	.9537	28.58	.3780	1.351	<.0000	2.929
Desv. Est.	.930	.2695	.0023	.4293	.50	.0302	.066	.1180	.040
% RSD	20.49	310.6	5.319	45.01	1.762	8.002	4.876	101.7	1.350
Rep #1	3.618	.1598	-.0457	.4840	28.31	.3873	1.420	-.0951	2.974
Rep #2	5.478	.3123	-.0437	1.051	29.16	.3442	1.343	-.2431	2.911

Rep #3	4.523	-.2117	-.0411	1.326	28.26	.4025	1.289	-.0098	2.901
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
40	Unk: GISC15-22070 04/12/2015 10:28:42 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.149	.0724	<.0000	.9087	24.87	.3522	1.119	<.0000	3.740
Desv. Est.	1.365	.1978	.0111	.1022	.42	.0266	.093	.1847	.043
% RSD	26.51	273.3	45.63	11.25	1.699	7.556	8.330	26220.	1.147
Rep #1	6.454	-.1517	-.0322	.8068	24.47	.3495	1.080	.1319	3.705
Rep #2	5.263	.2228	-.0117	1.011	24.83	.3800	1.225	.0776	3.728
Rep #3	3.731	.1459	-.0294	.9081	25.31	.3270	1.051	-.2116	3.788
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
41	Unk: GISC15-22071 04/12/2015 10:31:01 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	8.931	.1682	<.0000	.7273	49.51	.7094	.3798	<.0000	3.201
Desv. Est.	.429	.0710	.0072	.4606	.56	.0360	.0413	.0849	.050
% RSD	4.803	42.23	17.56	63.33	1.137	5.072	10.87	166.3	1.565
Rep #1	9.411	.0967	-.0337	.9983	49.47	.7498	.4181	-.0653	3.259
Rep #2	8.796	.2387	-.0480	.9881	48.97	.6975	.3361	.0401	3.172
Rep #3	8.585	.1692	-.0404	.1955	50.09	.6809	.3852	-.1279	3.173
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
42	Unk: GISC15-22072 04/12/2015 10:33:27 CONC x100 D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	10.45	.2702	<.0000	.7903	155.4	.9135	.5949	<.0000	5.406
Desv. Est.	2.30	.2060	.0152	.2978	1.5	.0034	.0555	.1931	.036
% RSD	21.99	76.25	59.27	37.68	.9574	.3770	9.324	411.3	.6694
Rep #1	9.153	.1209	-.0372	.5932	154.7	.9116	.6015	.1338	5.448
Rep #2	13.10	.1844	-.0084	1.133	157.1	.9175	.5364	-.0243	5.387
Rep #3	9.092	.5053	-.0312	.6450	154.3	.9116	.6467	-.2504	5.383
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
43	QC: QC 04/12/2015 10:36:06 CONC D MP-151204: FRUTAS (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.3859	.3945	.3520	.3720	.3932	.3654	.3492	.3774	.3912
Desv. Est.	.0102	.0231	.0211	.0054	.0043	.0043	.0207	.0238	.0243
% RSD	2.654	5.861	5.997	1.450	1.095	1.166	5.929	6.297	6.201
Rep #1	.3797	.4050	.3640	.3778	.3970	.3694	.3618	.3917	.4042
Rep #2	.3977	.4105	.3643	.3712	.3940	.3659	.3606	.3906	.4063
Rep #3	.3802	.3680	.3276	.3671	.3885	.3610	.3253	.3500	.3633

1	Cal: Blanco 07/12/2015 12:28:28 IR D Hg-151207: FRUTAS (UNAM):
	Hg1942
Unidades	Cts/s
Media	-1.304
Desv. Est.	.711
% RSD	54.51
Rep #1	-.4833
Rep #2	-1.719
Rep #3	-1.710
2	Cal: STD 1 07/12/2015 12:29:32 IR D Hg-151207: FRUTAS (UNAM):
	Hg1942
Unidades	Cts/s
Media	41.00
Desv. Est.	1.93
% RSD	4.697
Rep #1	42.71
Rep #2	41.38
Rep #3	38.92
3	Cal: STD 2 07/12/2015 12:31:54 IR D Hg-151207: FRUTAS (UNAM):
	Hg1942
Unidades	Cts/s
Media	137.2
Desv. Est.	7.2
% RSD	5.223
Rep #1	140.3
Rep #2	129.1
Rep #3	142.4
4	Cal: STD 3 07/12/2015 12:33:20 IR D Hg-151207: FRUTAS (UNAM):
	Hg1942
Unidades	Cts/s
Media	227.7
Desv. Est.	16.2
% RSD	7.100
Rep #1	209.7
Rep #2	232.6
Rep #3	240.9
5	Cal: STD 4 07/12/2015 12:34:50 IR D Hg-151207: FRUTAS (UNAM):
	Hg1942
Unidades	Cts/s
Media	431.1
Desv. Est.	10.2
% RSD	2.365
Rep #1	420.0
Rep #2	433.4
Rep #3	440.0
6	QC: QC 07/12/2015 12:36:31 CONC D Hg-151207: FRUTAS (UNAM):
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	.0058
Desv. Est.	.0001

% RSD	.9446
Rep #1	.0057
Rep #2	.0058
Rep #3	.0059
Comprobaci3n	Ninguno
Valor	
Intervalo	
7	Unk: REACTIVO 07/12/2015 12:37:37 CONC D Hg-151207: FRUTAS (UNAM): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	.0007
Desv. Est.	.0001
% RSD	8.495
Rep #1	.0007
Rep #2	.0006
Rep #3	.0007
8	Unk: RECUPERACION 07/12/2015 12:38:23 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	.5568
Desv. Est.	.0048
% RSD	.8533
Rep #1	.5515
Rep #2	.5606
Rep #3	.5585
9	Blanco: REACTIVO 07/12/2015 12:39:40 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	.0007
Desv. Est.	.0032
% RSD	427.5
Rep #1	.0002
Rep #2	-.0021
Rep #3	.0042
10	Unk: GISC15-21718 07/12/2015 12:41:23 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0085
Desv. Est.	.0006
% RSD	6.922
Rep #1	-.0091
Rep #2	-.0080
Rep #3	-.0084
11	Unk: GISC15-21718-R 07/12/2015 12:42:40 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
L3nea	194.227 {47
Unidades	mg/kg
Media	-.0073

Desv. Est.	.0030
% RSD	40.27
Rep #1	-.0046
Rep #2	-.0069
Rep #3	-.0105
12	Unk: GISC15-21733 07/12/2015 12:44:10 CONC x100 DATE: 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0212
Desv. Est.	.0033
% RSD	15.62
Rep #1	-.0241
Rep #2	-.0218
Rep #3	-.0176
13	Unk: GISC15-21749 07/12/2015 12:45:28 CONC x100 DATE: 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0201
Desv. Est.	.0007
% RSD	3.411
Rep #1	-.0201
Rep #2	-.0208
Rep #3	-.0194
14	Unk: GISC15-21815 07/12/2015 12:46:47 CONC x100 DATE: 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0249
Desv. Est.	.0034
% RSD	13.74
Rep #1	-.0222
Rep #2	-.0238
Rep #3	-.0288
15	Unk: GISC15-21816 07/12/2015 12:48:02 CONC x100 DATE: 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0287
Desv. Est.	.0026
% RSD	9.019
Rep #1	-.0264
Rep #2	-.0281
Rep #3	-.0315
16	Unk: GISC15-21834 07/12/2015 12:49:18 CONC x100 DATE: 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0301
Desv. Est.	.0013
% RSD	4.331

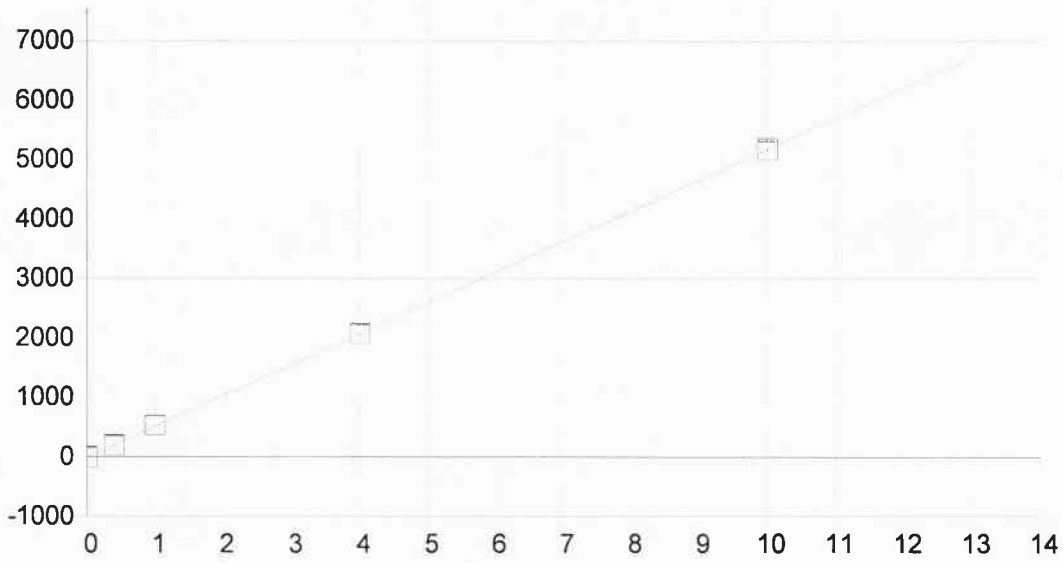
Rep #1	-0302
Rep #2	-0313
Rep #3	-0287
17	Unk: GISC15-21835 07/12/2015 12:50:37 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0245
Desv. Est.	.0051
% RSD	20.68
Rep #1	-0200
Rep #2	-0300
Rep #3	-0234
18	Unk: GISC15-21836 07/12/2015 12:51:54 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0274
Desv. Est.	.0031
% RSD	11.26
Rep #1	-0262
Rep #2	-0251
Rep #3	-0309
19	Unk: GISC15-21868 07/12/2015 12:53:14 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0267
Desv. Est.	.0012
% RSD	4.475
Rep #1	-0261
Rep #2	-0281
Rep #3	-0260
20	Unk: GISC15-21869 07/12/2015 12:54:29 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0406
Desv. Est.	.0019
% RSD	4.687
Rep #1	-0384
Rep #2	-0415
Rep #3	-0419
21	QC: QC 07/12/2015 12:58:09 CONC D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0058
Desv. Est.	.0000
% RSD	.7877
Rep #1	.0057
Rep #2	.0058

Rep #3	.0058
Comprobación	Ninguno
Valor	
Intervalo	
22	Unk: GISC15-21937 07/12/2015 13:01:03 CONC x100 DATE: 151207: FRUITAS (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0149
Desv. Est.	.0048
% RSD	32.39
Rep #1	-.0094
Rep #2	-.0185
Rep #3	-.0169
23	Unk: GISC15-21938 07/12/2015 13:02:27 CONC x100 DATE: 151207: FRUITAS (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0170
Desv. Est.	.0021
% RSD	12.24
Rep #1	-.0193
Rep #2	-.0163
Rep #3	-.0153
24	Unk: GISC15-21939 07/12/2015 13:03:52 CONC x100 DATE: 151207: FRUITAS (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0176
Desv. Est.	.0039
% RSD	22.42
Rep #1	-.0221
Rep #2	-.0149
Rep #3	-.0158
25	Unk: GISC15-21988 07/12/2015 13:05:28 CONC x100 DATE: 151207: FRUITAS (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0344
Desv. Est.	.0021
% RSD	6.073
Rep #1	-.0346
Rep #2	-.0364
Rep #3	-.0322
26	Unk: GISC15-21989 07/12/2015 13:07:11 CONC x100 DATE: 151207: FRUITAS (UNMAN) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0394
Desv. Est.	.0011
% RSD	2.864
Rep #1	-.0384

Rep #2	-0392
Rep #3	-0406
27	Unk: GISC15-21994 07/12/2015 13:08:30 CONC x100 DUE 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0349
Desv. Est.	.0037
% RSD	10.48
Rep #1	-0309
Rep #2	-0359
Rep #3	-0380
28	Unk: GISC15-21995 07/12/2015 13:09:44 CONC x100 DUE 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0287
Desv. Est.	.0003
% RSD	1.185
Rep #1	-0286
Rep #2	-0284
Rep #3	-0291
29	Unk: GISC15-21996 07/12/2015 13:10:57 CONC x100 DUE 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0331
Desv. Est.	.0051
% RSD	15.55
Rep #1	-0275
Rep #2	-0341
Rep #3	-0377
30	Unk: GISC15-22010 07/12/2015 13:12:18 CONC x100 DUE 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0361
Desv. Est.	.0016
% RSD	4.540
Rep #1	-0343
Rep #2	-0366
Rep #3	-0375
31	Unk: GISC15-22011 07/12/2015 13:13:46 CONC x100 DUE 151207: EDUTAC (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0387
Desv. Est.	.0017
% RSD	4.272
Rep #1	-0405
Rep #2	-0373
Rep #3	-0381

32	Unk: GISC15-22011-R 07/12/2015 13:15:04 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0345
Desv. Est.	.0035
% RSD	10.04
Rep #1	-.0384
Rep #2	-.0317
Rep #3	-.0335
33	QC: QC 07/12/2015 13:22:35 CONC D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0058
Desv. Est.	.0001
% RSD	1.174
Rep #1	.0058
Rep #2	.0057
Rep #3	.0059
Comprobación	Ninguno
Valor	
Intervalo	
34	Unk: GISC15-22012 07/12/2015 13:23:39 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0339
Desv. Est.	.0035
% RSD	10.30
Rep #1	-.0356
Rep #2	-.0299
Rep #3	-.0363
35	Unk: GISC15-22022 07/12/2015 13:24:56 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0363
Desv. Est.	.0029
% RSD	8.114
Rep #1	-.0365
Rep #2	-.0392
Rep #3	-.0333
36	Unk: GISC15-22070 07/12/2015 13:26:16 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0476
Desv. Est.	.0028
% RSD	5.827
Rep #1	-.0472
Rep #2	-.0505

Rep #3	-0450
37	Unk: GISC15-22071 07/12/2015 13:27:35 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0469
Desv. Est.	.0035
% RSD	7.389
Rep #1	-0455
Rep #2	-0443
Rep #3	-0508
38	Unk: GISC15-22072 07/12/2015 13:28:57 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0432
Desv. Est.	.0040
% RSD	9.211
Rep #1	-0450
Rep #2	-0460
Rep #3	-0387
39	Unk: GISC15-22073 07/12/2015 13:30:23 CONC x100 D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0437
Desv. Est.	.0032
% RSD	7.234
Rep #1	-0405
Rep #2	-0436
Rep #3	-0468
40	QC: QC 07/12/2015 13:32:03 CONC D Hg-151207: FRUTAS (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0042
Desv. Est.	.0004
% RSD	9.545
Rep #1	.0043
Rep #2	.0045
Rep #3	.0037
Comprobación	Ninguno
Valor	
Intervalo	

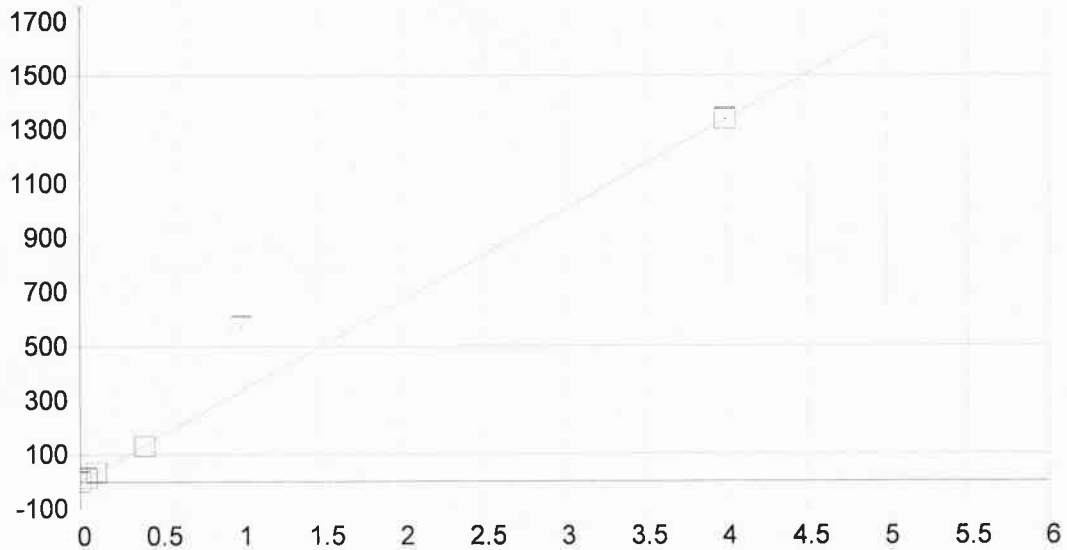


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 A1 (Ganancia) 518.411797 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
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 Error Estándar de Est: 0.508470
 MDL: 0.016033
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Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	-5.3833	4.66	1
STD 5	.40000	.38383	-.016	-4.04	193.59	9.55	1
STD 6	1.0000	1.0278	.028	2.78	527.43	3.63	1
STD 7	4.0000	4.0018	.002	.045	2069.2	18.8	1
STD 8	10.000	9.9866	-.013	-.134	5171.8	31.8	1

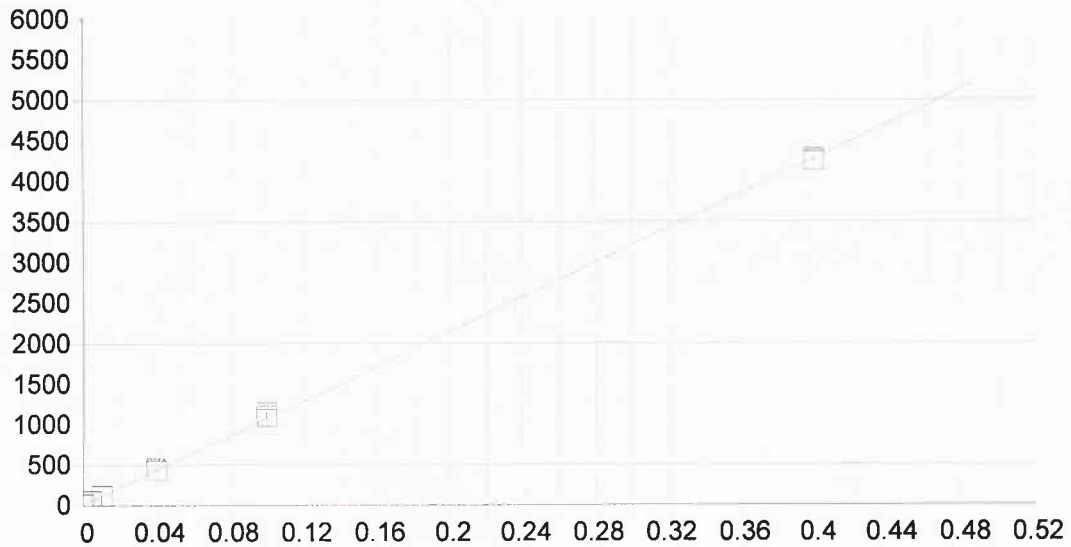


As 189.042 {478}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 0.268220 Reajustar P 1.000000
 A1 (Ganancia) 334.349343 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999957 Estatus: OK.
 Error Estándar de Est: 0.054120
 MDL: 0.002664
 MQL: 0.008880

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	.26849	.835	1
STD 4	.10000	.10190	.002	1.90	34.340	.472	1
STD 5	.40000	.38860	-.011	-2.85	130.20	.384	1
STD 6	1.0000	1.7136	.714	71.4	573.20	1.97	0
STD 7	4.0000	4.0100	.010	.251	1341.0	3.49	1
STD 3	.04000	.03947	-.001	-1.34	13.463	.225	1

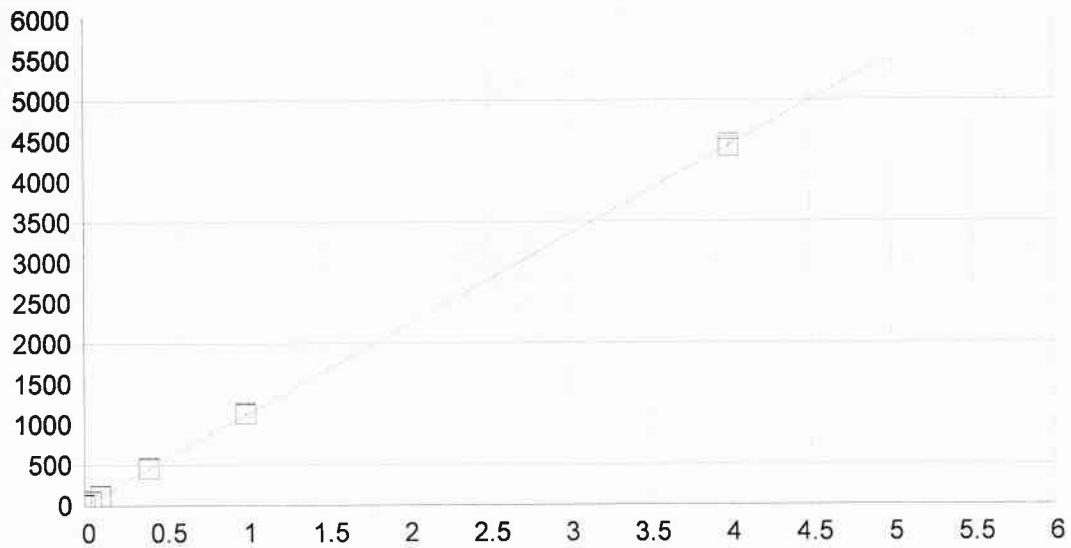


Cd 226.502 {449}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 12.697732 Reajustar P 1.000000
 A1 (Ganancia) 10661.36909 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999915 Estatus: OK.
 Error Estándar de Est: 0.253178
 MDL: 0.000134
 MQL: 0.000446

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	12.698	1.44	1
STD 1	.00400	.00402	.000	.512	55.562	1.64	1
STD 2	.01000	.00956	-.000	-4.41	114.61	1.72	1
STD 3	.04000	.04015	.000	.363	440.70	15.2	1
STD 4	.10000	.10249	.002	2.49	1105.4	41.4	1
STD 5	.40000	.39779	-.002	-.553	4253.7	16.5	1

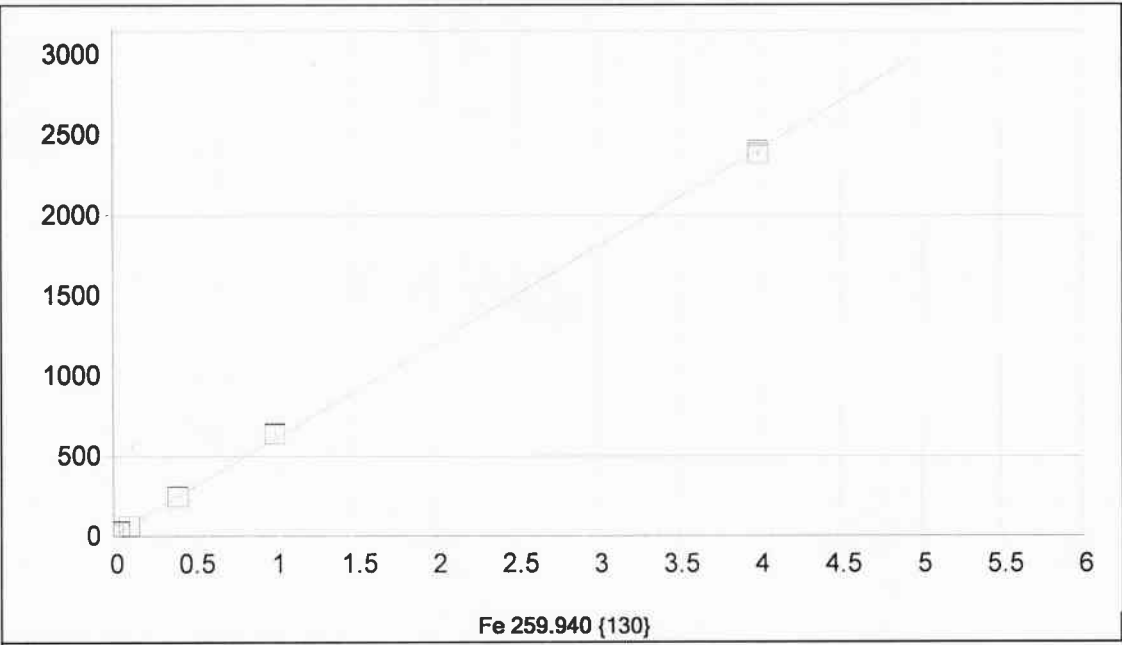


Cu 324.754 {104}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

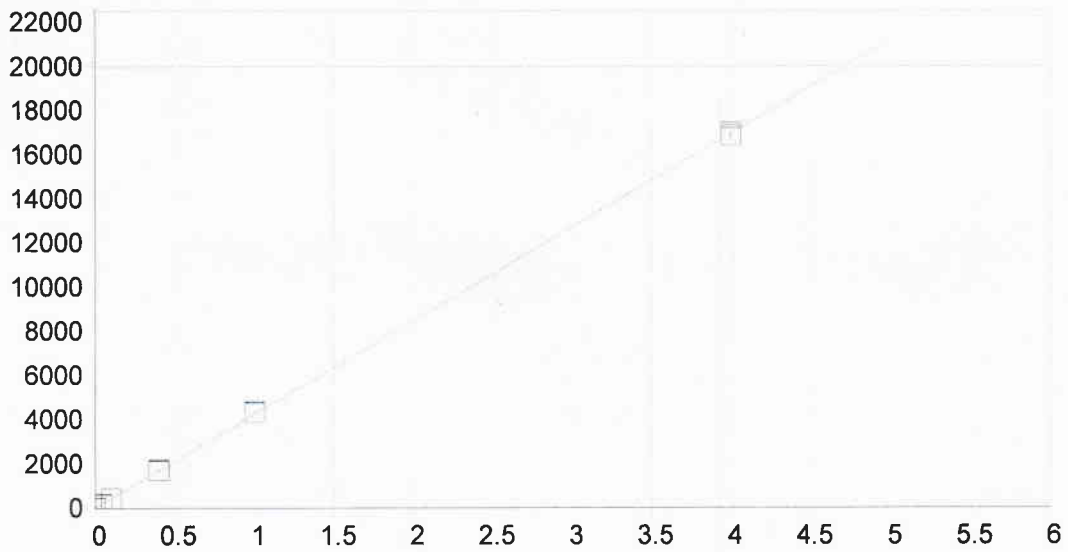
A0 (Compensación): 12.210199 Reajustar P 1.000000
 A1 (Ganancia) 1106.529059 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999971 Estatus: OK.
 Error Estándar de Est: 0.153541
 MDL: 0.004166
 MQL: 0.013886

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	12.211	2.53	1
STD 5	.40000	.40488	.005	1.22	460.22	9.24	1
STD 6	1.0000	1.0130	.013	1.30	1133.2	9.41	1
STD 7	4.0000	3.9838	-.016	-.404	4420.5	35.8	1
STD 3	.04000	.03915	-.001	-2.12	55.535	1.61	1
STD 4	.10000	.09908	-.001	-.924	121.84	2.60	1



Fecha de la	09/12/2015 15:48:46	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	8.260657	Reajustar P	1.000000		
A1 (Ganancia)	599.464974	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.999516	Estatus:	OK.		
Error Estándar de Est:	0.339938				
MDL:	0.003801				
MQL:	0.012670				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	8.2667	.724	1
STD 5	.40000	.39753	-.002	-.617	246.57	1.27	1
STD 6	1.0000	1.0519	.052	5.19	638.81	3.03	1
STD 3	.04000	.03235	-.008	-19.1	27.653	2.25	1
STD 4	.10000	.09030	-.010	-9.70	62.390	.493	1
STD 7	4.0000	3.9680	-.032	-.801	2386.9	13.9	1

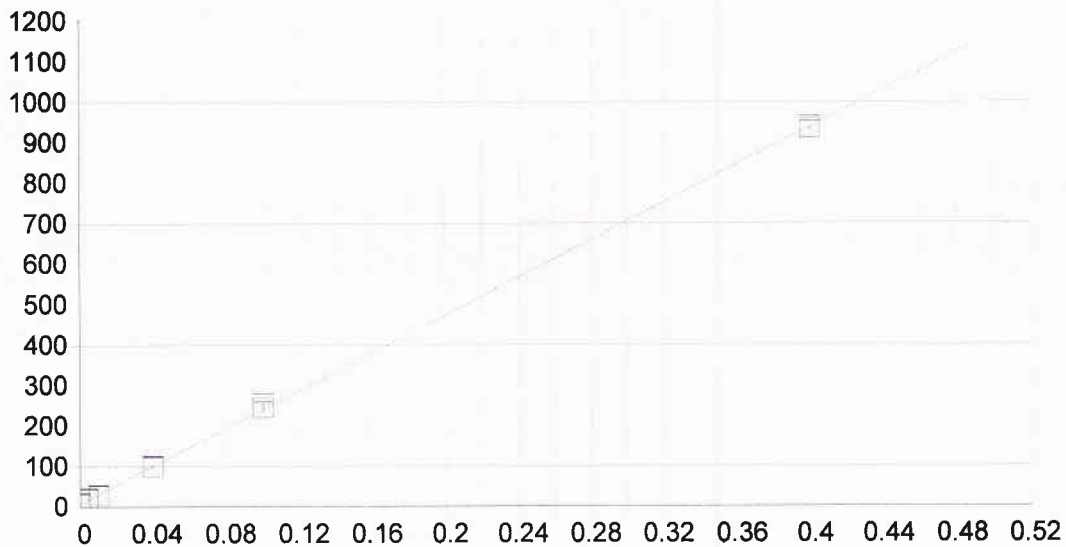


Mn 257.610 {131}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 7.748921 Reajustar P 1.000000
 A1 (Ganancia) 4238.286759 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999944 Estatus: OK.
 Error Estándar de Est: 0.815900
 MDL: 0.000583
 MQL: 0.001942

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	7.7500	2.85	1
STD 5	.40000	.40121	.001	.303	1708.2	28.7	1
STD 6	1.0000	1.0212	.021	2.12	4335.9	26.8	1
STD 3	.04000	.03872	-.001	-3.20	171.85	6.48	1
STD 4	.10000	.10069	.001	.688	434.49	.629	1
STD 7	4.0000	3.9782	-.022	-.546	16868.	114.	1

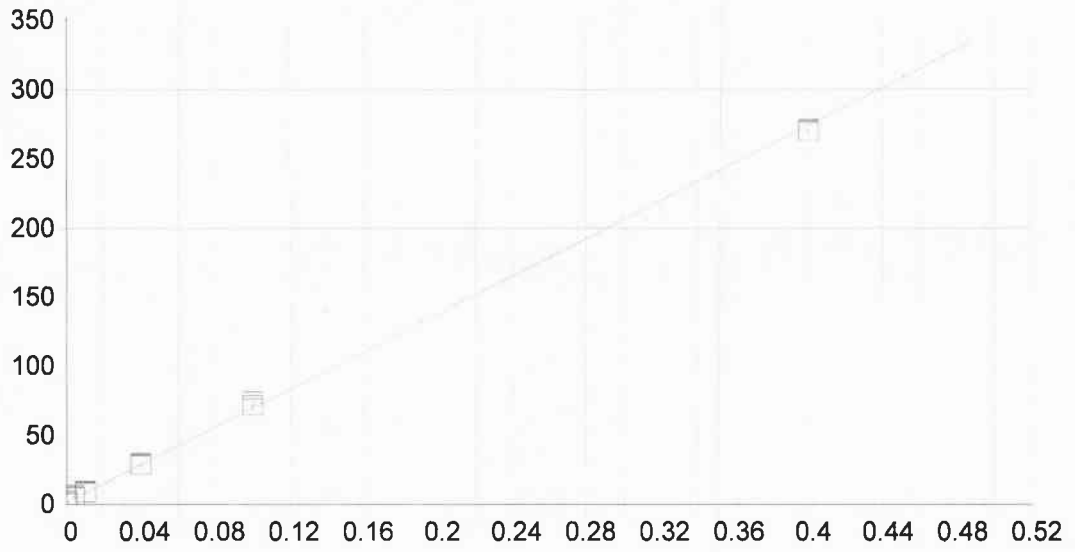


Ni 231.604 {446}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 7.914278 Reajustar P 1.000000
 A1 (Ganancia) 2325.841116 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999419 Estatus: OK.
 Error Estándar de Est: 0.144484
 MDL: 0.000551
 MQL: 0.001836

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	7.9124	.797	1
STD 1	.00400	.00530	.001	32.6	20.248	.688	1
STD 2	.01000	.00874	-.001	-12.6	28.244	.864	1
STD 3	.04000	.03953	-.000	-1.18	99.846	1.67	1
STD 4	.10000	.10218	.002	2.18	245.58	10.2	1
STD 5	.40000	.39825	-.002	-.438	934.17	5.81	1

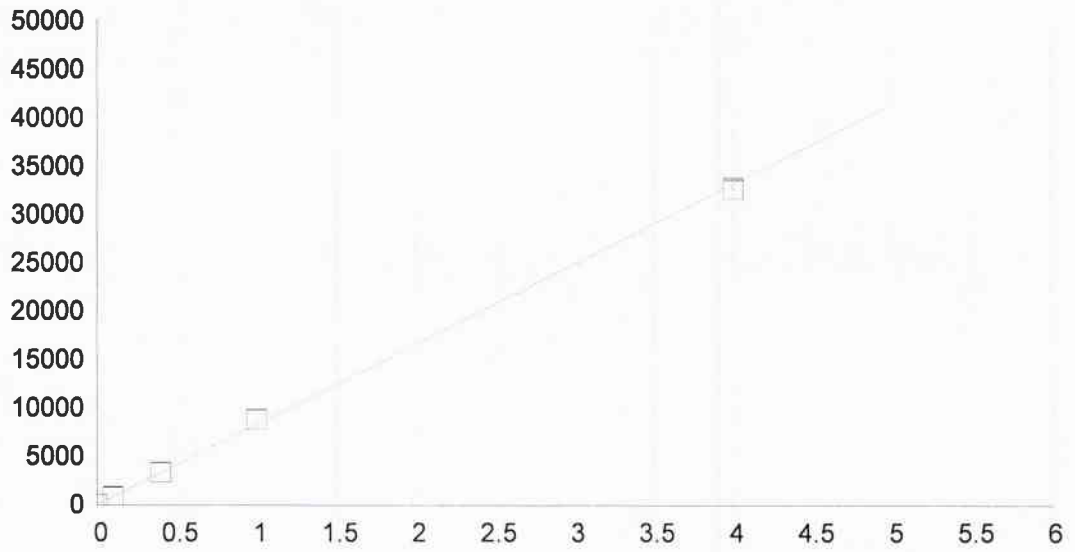


Pb 220.353 {453}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 1.721808 Reajustar P 1.000000
 A1 (Ganancia) 680.939763 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998807 Estatus: OK.
 Error Estándar de Est: 0.060647
 MDL: 0.001766
 MQL: 0.005886

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	1.7201	.939	1
STD 1	.00400	.00608	.002	52.1	5.8651	.717	1
STD 2	.01000	.01070	.001	6.95	9.0045	.513	1
STD 3	.04000	.04015	.000	.381	29.063	.749	1
STD 4	.10000	.10310	.003	3.10	71.928	2.56	1
STD 5	.40000	.39397	-.006	-1.51	269.99	1.02	1

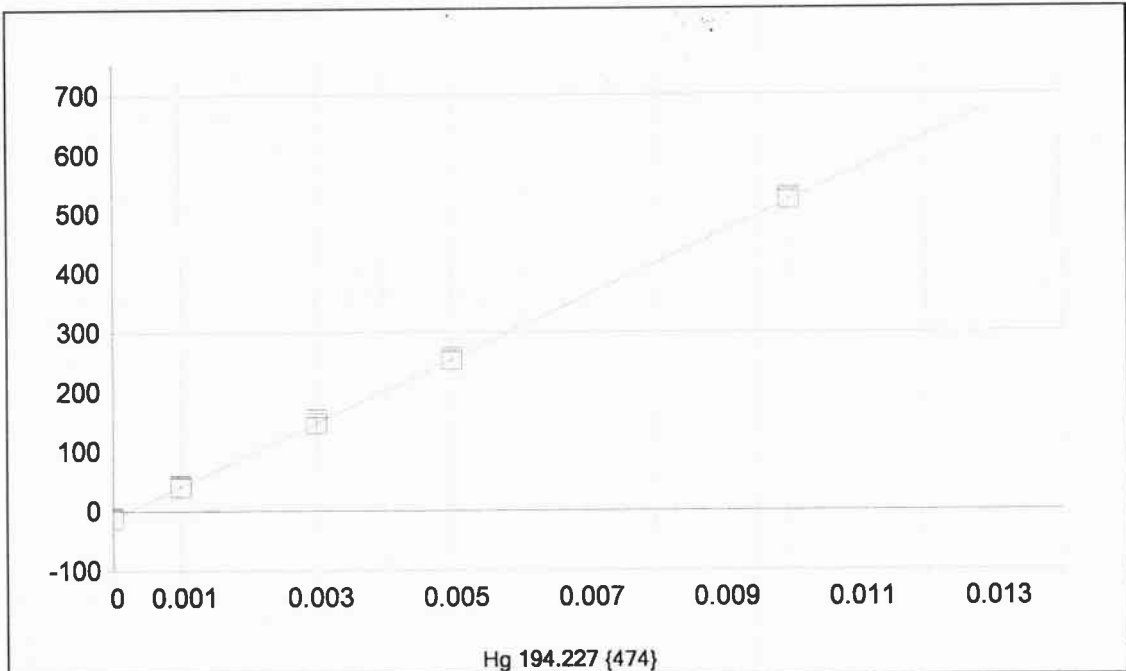


Zn 213.856 {458}

Fecha de la 09/12/2015 15:48:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 65.736862 Reajustar P 1.000000
 A1 (Ganancia) 8278.742377 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999568 Estatus: OK.
 Error Estándar de Est: 7.366982
 MDL: 0.000141
 MQL: 0.000470

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	65.712	1.72	1
STD 4	.10000	.09798	-.002	-2.02	876.87	33.9	1
STD 5	.40000	.40185	.002	.462	3392.5	21.3	1
STD 6	1.0000	1.0614	.061	6.14	8852.9	25.6	1
STD 7	4.0000	3.9388	-.061	-1.53	32674.	151.	1



Fecha de la 10/12/2015 14:10:16 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -12.227588 Reajustar P 1.000000
 A1 (Ganancia) 53364.32546 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999994 Estatus: OK.
 Error Estándar de Est: 0.033385
 MDL: 0.000036
 MQL: 0.000120

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	-12.227	1.29	1
STD 1	.00100	.00100	-.000	-.467	40.888	2.27	1
STD 2	.00300	.00299	-.000	-.486	147.09	6.52	1
STD 3	.00500	.00499	-.000	-.268	253.88	3.25	1
STD 4	.01000	.01003	.000	.326	523.16	3.13	1

1	Cal: Blanco 09/12/2015 15:31:34 IR D MP-151209: UNAM(FRUTAS):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	-5.383	.2685	12.70	12.21	8.267	7.750	7.912	1.720	65.71	
Desv. Est.	4.656	.8352	1.44	2.53	.724	2.850	.797	.939	1.72	
% RSD	86.49	311.1	11.33	20.75	8.758	36.78	10.07	54.57	2.615	
Rep #1	-5.500	-.4200	14.35	9.286	8.860	9.825	8.828	1.656	67.46	
Rep #2	-9.980	1.198	12.06	13.77	7.460	8.925	7.539	2.689	65.65	
Rep #3	-6.700	.0278	11.69	13.58	8.480	4.500	7.370	.8152	64.02	
2	Cal: STD 1 09/12/2015 15:33:59 IR D MP-151209: UNAM(FRUTAS):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	55.56	20.25	5.865							
Desv. Est.	1.64	.69	.717							
% RSD	2.947	3.399	12.23							
Rep #1	57.25	20.52	6.062							
Rep #2	53.98	19.46	6.463							
Rep #3	55.46	20.76	5.070							
3	Cal: STD 2 09/12/2015 15:36:23 IR D MP-151209: UNAM(FRUTAS):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	114.6	28.24	9.004							
Desv. Est.	1.7	.86	.513							
% RSD	1.502	3.059	5.698							
Rep #1	113.1	27.60	9.254							
Rep #2	114.3	29.22	8.414							
Rep #3	116.5	27.91	9.345							
4	Cal: STD 3 09/12/2015 15:38:45 IR D MP-151209: UNAM(FRUTAS):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	13.46	440.7	55.53	27.65	171.9	99.85	29.06			
Desv. Est.	.22	15.2	1.61	2.25	6.5	1.68	.75			
% RSD	1.670	3.451	2.897	8.135	3.769	1.677	2.577			
Rep #1	13.45	426.8	53.83	26.08	165.5	98.82	28.50			
Rep #2	13.70	457.0	55.75	30.23	171.7	101.8	28.78			
Rep #3	13.25	438.3	57.02	26.65	178.4	98.94	29.91			
5	Cal: STD 4 09/12/2015 15:41:03 IR D MP-151209: UNAM(FRUTAS):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138		
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45		
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s		
Media	34.34	1105.	121.8	62.39	434.5	245.6	71.93	876.9		
Desv. Est.	.47	41.	2.6	.49	.6	10.2	2.56	33.9		
% RSD	1.376	3.747	2.136	.7898	.1448	4.146	3.560	3.868		
Rep #1	34.48	1093.	119.7	62.85	434.6	243.5	71.36	868.9		
Rep #2	33.81	1072.	121.1	61.87	435.1	236.6	69.70	847.7		
Rep #3	34.72	1152.	124.7	62.45	433.8	256.7	74.72	914.1		
6	Cal: STD 5 09/12/2015 15:43:21 IR D MP-151209: UNAM(FRUTAS):									

11	Unk: BLANCO 09/12/2015 15:55:43 CONC D MP-151209: UNAM(FRUTAS):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.0030	.0016	.0003	.0008	.0012	.0003	.0006	.0008	.0014	
Desv. Est.	.0123	.0020	.0001	.0024	.0024	.0003	.0001	.0002	.0001	
% RSD	409.2	125.1	29.11	293.2	198.3	116.8	17.15	27.24	8.904	
Rep #1	.0138	.0009	.0003	.0001	.0029	.0001	.0006	.0006	.0015	
Rep #2	.0056	.0000	.0002	-.0012	-.0016	.0001	.0007	.0008	.0015	
Rep #3	-.0104	.0038	.0004	.0036	.0024	.0006	.0005	.0010	.0013	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
12	Unk: RECUPERACION 09/12/2015 15:58:08 CONC x100 D MP-151209: UNAM(FRUTAS):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	42.43	39.76	42.46	41.34	45.64	41.97	41.66	45.73	47.64	
Desv. Est.	.48	.23	.07	.27	.14	.29	.07	.08	.41	
% RSD	1.126	.5897	.1593	.6522	.3147	.6918	.1788	.1714	.8702	
Rep #1	41.97	39.75	42.53	41.27	45.51	42.30	41.71	45.74	47.19	
Rep #2	42.41	39.99	42.44	41.63	45.79	41.85	41.58	45.80	47.73	
Rep #3	42.92	39.53	42.40	41.11	45.62	41.76	41.69	45.65	48.00	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
13	Blanco: REACTIVO 09/12/2015 16:00:20 CONC x100 D MP-151209: UNAM(FRUTAS):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.6159	-.0038	-.0217	.1174	.0127	-.0513	-.0034	-.0103	.0982	
Desv. Est.	1.145	.2138	.0455	.4752	.1826	.0323	.0632	.1965	.0401	
% RSD	185.9	5634.	209.3	404.8	1440.	62.89	1879.	1914.	40.89	
Rep #1	1.938	.1773	-.0254	-.3443	-.0268	-.0802	-.0680	-.1817	.0612	
Rep #2	-.0200	.0510	-.0653	.0915	.2117	-.0572	-.0004	-.0533	.0924	
Rep #3	-.0702	-.2397	.0255	.6050	-.1469	-.0165	.0583	.2042	.1409	
Comprobació										
Valor										
Intervalo										
14	Unk: GISC15-22023 09/12/2015 16:03:01 CONC x100 D MP-151209: UNAM(FRUTAS):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	1.909	.7052	<.0000	.4039	1.157	.2279	<.0000	<.0000	1.584	
Desv. Est.	.690	.1361	.0105	.2438	.143	.0133	.0454	.0322	.015	
% RSD	36.15	19.30	13.57	60.35	12.34	5.824	39.51	52.63	.9475	
Rep #1	2.666	.8603	-.0668	.5570	1.213	.2129	-.1554	-.0349	1.573	
Rep #2	1.316	.6054	-.0878	.1228	.9948	.2383	-.0658	-.0970	1.577	
Rep #3	1.744	.6500	-.0779	.5320	1.263	.2324	-.1238	-.0514	1.601	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
15	Unk: GISC15-22074 09/12/2015 16:05:36 CONC x100 D MP-151209: UNAM(FRUTAS):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 { 47	226.502 { 44	324.754 { 10	259.940 { 13	257.610 { 13	231.604 { 44	220.353 { 45	213.856 { 45	

Media	8.007	.4205	<.0000	.1955	6.616	.5376	<.0000	<.0000	.1149
Desv. Est.	1.169	.1364	.0043	.4511	.287	.0045	.0351	.0975	.0214
% RSD	14.60	32.44	4.162	230.7	4.333	.8381	74.12	106.2	18.64
Rep #1	8.776	.2642	-.0983	-.3089	6.636	.5385	-.0876	-.1788	.1307
Rep #2	6.661	.5154	-.1068	.3352	6.320	.5415	-.0231	.0136	.1235
Rep #3	8.583	.4818	-.1023	.5603	6.892	.5326	-.0313	-.1103	.0905
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
20	Unk: GISC15-22121 09/12/2015 16:17:47 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	8.811	.4506	<.0000	.7710	6.413	.3942	<.0000	<.0000	.2907
Desv. Est.	.718	.1079	.0130	.0851	.032	.0518	.0395	.0696	.0232
% RSD	8.148	23.95	12.29	11.04	.4978	13.15	57.38	63.26	7.970
Rep #1	9.601	.3376	-.1167	.8639	6.423	.4212	-.0859	-.1448	.3046
Rep #2	8.633	.4615	-.1082	.7526	6.378	.3345	-.0236	-.0299	.2640
Rep #3	8.199	.5526	-.0912	.6967	6.440	.4271	-.0968	-.1553	.3036
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
21	Unk: GISC15-22158 09/12/2015 16:19:17 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.602	.6362	<.0000	1.006	4.036	.1170	<.0000	.0107	2.346
Desv. Est.	.469	.1068	.0050	.169	.059	.0112	.0311	.0936	.015
% RSD	18.03	16.78	5.466	16.82	1.470	9.544	137.1	877.1	.6271
Rep #1	3.129	.6277	-.0972	1.137	4.103	.1121	.0112	.0908	2.363
Rep #2	2.232	.5340	-.0879	1.067	4.016	.1298	-.0295	.0335	2.342
Rep #3	2.443	.7470	-.0893	.8150	3.989	.1091	-.0499	-.0923	2.334
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
22	Unk: GISC15-22159 09/12/2015 16:21:33 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.772	.4779	<.0000	.1024	1.257	.1390	<.0000	<.0000	.5889
Desv. Est.	.786	.2505	.0102	.1983	.411	.0200	.0230	.2124	.0097
% RSD	20.85	52.41	12.15	193.6	32.73	14.40	48.44	290.3	1.647
Rep #1	4.530	.1904	-.0756	.1647	1.006	.1174	-.0326	-.1970	.5986
Rep #2	2.960	.6486	-.0956	-.1195	1.033	.1427	-.0740	-.1945	.5887
Rep #3	3.828	.5948	-.0817	.2621	1.732	.1569	-.0359	.1721	.5792
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
23	Unk: GISC15-22160 09/12/2015 16:23:56 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.143	.5111	<.0000	.3939	1.261	.0798	<.0000	<.0000	1.168

Desv. Est.	.928	.1251	.0102	.1511	.116	.0586	.0296	.0569	.016
% RSD	81.20	24.49	10.14	38.36	9.204	73.38	44.66	73.49	1.360
Rep #1	1.887	.6450	-.0947	.3787	1.393	.0460	-.0391	-.0156	1.181
Rep #2	1.440	.3971	-.1126	.5521	1.213	.0460	-.0620	-.1276	1.173
Rep #3	.1029	.4911	-.0951	.2510	1.177	.1475	-.0979	-.0890	1.151
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
24	QC: QC 09/12/2015 16:26:37 CONC D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4095	.3967	.4180	.4071	.4272	.4099	.4106	.4363	.4456
Desv. Est.	.0217	.0037	.0011	.0003	.0011	.0007	.0018	.0021	.0018
% RSD	5.302	.9376	.2578	.0662	.2540	.1657	.4448	.4772	.3938
Rep #1	.3949	.4009	.4192	.4069	.4284	.4097	.4116	.4386	.4475
Rep #2	.4345	.3955	.4172	.4074	.4263	.4107	.4085	.4357	.4452
Rep #3	.3992	.3937	.4174	.4070	.4269	.4094	.4117	.4346	.4440
Comprobaci3n	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp
Valor									
Intervalo									
25	Unk: GISC15-22161 09/12/2015 16:28:30 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.811	.4599	<.0000	<.0000	4.269	.3166	<.0000	.0690	.4953
Desv. Est.	.780	.1216	.0065	.3083	.234	.0605	.0426	.1790	.0048
% RSD	20.47	26.44	6.777	2010.	5.482	19.10	42.36	259.5	.9706
Rep #1	2.923	.3499	-.0889	.2925	4.540	.2554	-.0530	-.1095	.4899
Rep #2	4.123	.5905	-.0954	-.0144	4.134	.3179	-.1351	.0679	.4992
Rep #3	4.387	.4393	-.1019	-.3241	4.134	.3763	-.1133	.2486	.4969
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
26	Unk: GISC15-22162 09/12/2015 16:30:50 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.419	.3642	<.0000	.1012	4.096	.2987	<.0000	<.0000	.3045
Desv. Est.	.448	.0990	.0032	.1832	.293	.0248	.0436	.0333	.0146
% RSD	13.11	27.19	3.349	181.1	7.148	8.300	61.86	201.6	4.793
Rep #1	3.668	.4559	-.1003	.0378	3.774	.2719	-.0789	.0023	.2990
Rep #2	3.689	.3775	-.0938	.3077	4.168	.3032	-.0233	-.0549	.3211
Rep #3	2.902	.2592	-.0970	-.0419	4.346	.3209	-.1094	.0031	.2935
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
27	Unk: GISC15-22163 09/12/2015 16:32:30 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.984	.4579	<.0000	.1376	7.233	.4412	<.0000	.1454	.4686
Desv. Est.	.433	.2580	.0158	.2369	1.543	.0026	.0487	.2014	.0060

% RSD	10.87	56.34	19.33	172.2	21.34	.5827	208.2	138.5	1.274
Rep #1	4.117	.2422	-.0990	-.0119	5.722	.4442	-.0070	.3442	.4735
Rep #2	3.500	.7437	-.0679	.0140	8.807	.4400	.0150	-.0586	.4702
Rep #3	4.335	.3878	-.0783	.4108	7.169	.4394	-.0782	.1505	.4619
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
28	Unk: GISC15-22185 09/12/2015 16:34:52 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.050	.6163	<.0000	.2383	1.732	.2450	<.0000	<.0000	1.990
Desv. Est.	1.016	.1215	.0024	.3990	.235	.0344	.0107	.0397	.007
% RSD	96.72	19.72	2.207	167.5	13.60	14.06	8.557	21.98	.3753
Rep #1	.0006	.7334	-.1072	.6006	1.974	.2707	-.1175	-.2233	1.999
Rep #2	2.028	.4908	-.1067	.3036	1.717	.2584	-.1368	-.1741	1.987
Rep #3	1.121	.6247	-.1111	-.1894	1.504	.2059	-.1193	-.1447	1.985
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
29	Unk: GISC15-22186 09/12/2015 16:36:47 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.663	.6461	<.0000	<.0000	2.440	.0558	<.0000	<.0000	1.725
Desv. Est.	1.613	.2341	.0072	.2498	.175	.0994	.0319	.0706	.018
% RSD	96.99	36.24	8.409	1192.	7.186	178.1	30.33	113.0	1.053
Rep #1	3.523	.4243	-.0907	.1758	2.369	-.0419	-.0695	-.0429	1.744
Rep #2	.6353	.6230	-.0776	.0633	2.640	.1569	-.1154	-.0037	1.723
Rep #3	.8320	.8909	-.0894	-.3019	2.311	.0525	-.1310	-.1408	1.707
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
30	Unk: GISC15-22187 09/12/2015 16:39:05 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.669	1.052	<.0000	.6206	4.170	.6620	<.0000	<.0000	4.475
Desv. Est.	.419	.070	.0041	.1896	.156	.0366	.0210	.2531	.049
% RSD	25.10	6.606	3.901	30.56	3.737	5.522	19.18	413.5	1.098
Rep #1	1.353	1.007	-.1058	.8129	4.283	.6695	-.0992	-.0028	4.521
Rep #2	2.144	1.132	-.1008	.4338	4.236	.6943	-.1336	-.3384	4.482
Rep #3	1.509	1.016	-.1090	.6149	3.992	.6223	-.0955	.1575	4.423
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
31	Unk: GISC15-22210 09/12/2015 16:41:22 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4932	.6917	<.0000	.2611	2.692	.1367	<.0000	<.0000	.8464
Desv. Est.	.6551	.2528	.0104	.6225	.166	.0192	.0188	.1852	.0069
% RSD	132.8	36.54	10.01	238.4	6.156	14.07	15.11	779.0	.8149

Rep #1	-.2173	.5948	-.1124	.9690	2.534	.1581	-.1435	.1294	.8384
Rep #2	.6237	.9786	-.0922	-.2005	2.676	.1309	-.1232	-.2296	.8501
Rep #3	1.073	.5018	-.1061	.0148	2.865	.1209	-.1060	.0289	.8505
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
32	Unk: GISC15-22211 09/12/2015 16:42:51 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.139	.7358	<.0000	.1810	2.329	.1060	<.0000	<.0000	.9551
Desv. Est.	.555	.1751	.0073	.1502	.147	.0155	.0164	.0462	.0224
% RSD	48.77	23.80	8.786	82.97	6.324	14.62	41.34	818.7	2.345
Rep #1	1.752	.6486	-.0815	.0641	2.459	.0885	-.0488	-.0509	.9801
Rep #2	.9941	.9374	-.0766	.3504	2.169	.1115	-.0493	.0414	.9369
Rep #3	.6700	.6214	-.0910	.1286	2.358	.1180	-.0207	-.0075	.9482
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
33	Unk: GISC15-22212 09/12/2015 16:44:13 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.109	.4664	<.0000	.2659	2.555	.2247	<.0000	.0889	.7687
Desv. Est.	.833	.1736	.0072	.1581	.221	.0097	.0096	.1527	.0134
% RSD	39.51	37.23	6.889	59.44	8.649	4.297	11.18	171.8	1.748
Rep #1	2.231	.6669	-.1122	.0834	2.795	.2271	-.0852	.1181	.7789
Rep #2	2.875	.3645	-.0978	.3578	2.359	.2141	-.0953	.2249	.7535
Rep #3	1.222	.3678	-.1046	.3566	2.511	.2330	-.0762	-.0763	.7738
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
34	QC: QC 09/12/2015 16:46:13 CONC D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4194	.4062	.4272	.4119	.4442	.4228	.4195	.4519	.4655
Desv. Est.	.0190	.0024	.0015	.0035	.0056	.0015	.0008	.0023	.0027
% RSD	4.534	.5901	.3476	.8546	1.265	.3432	.1944	.5106	.5749
Rep #1	.4390	.4061	.4255	.4095	.4430	.4212	.4187	.4542	.4629
Rep #2	.4010	.4038	.4281	.4102	.4503	.4240	.4203	.4496	.4655
Rep #3	.4183	.4086	.4280	.4159	.4392	.4231	.4194	.4518	.4682
Comprobaci3n	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp
Valor									
Intervalo									
35	Unk: GISC15-22213 09/12/2015 16:48:38 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.216	.4377	<.0000	.1498	6.922	.6335	<.0000	<.0000	.3339
Desv. Est.	.699	.0925	.0077	.4499	.163	.0151	.0582	.1362	.0063
% RSD	13.40	21.13	9.074	300.3	2.348	2.387	64.77	93.36	1.891
Rep #1	4.883	.3339	-.0760	-.2189	7.070	.6194	-.1568	-.2615	.3338

Rep #2	6.019	.5114	-.0890	.6511	6.948	.6494	-.0589	-.1804	.3276
Rep #3	4.746	.4679	-.0898	.0173	6.748	.6317	-.0535	.0042	.3403
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
36	Unk: GISC15-22214 09/12/2015 16:51:04 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	8.278	.9561	<.0000	.2425	11.36	.9210	<.0000	.1569	.3495
Desv. Est.	.945	.1354	.0109	.1895	.34	.1064	.0314	.1624	.0125
% RSD	11.41	14.16	16.46	78.14	3.018	11.55	55.31	103.6	3.586
Rep #1	7.198	1.103	-.0785	.4428	11.13	.8093	-.0918	-.0197	.3520
Rep #2	8.945	.9304	-.0574	.2185	11.20	1.021	-.0470	.3000	.3358
Rep #3	8.693	.8354	-.0631	.0661	11.76	.9326	-.0314	.1902	.3605
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
37	Unk: GISC15-22215 09/12/2015 16:53:21 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.725	.6594	<.0000	.1706	5.141	.6312	<.0000	<.0000	1.128
Desv. Est.	.766	.2563	.0098	.2529	.160	.0205	.0182	.1445	.011
% RSD	28.10	38.88	9.295	148.2	3.102	3.255	38.68	272.8	.9709
Rep #1	2.007	.7091	-.0949	.1754	5.325	.6376	-.0337	-.0709	1.138
Rep #2	3.531	.3818	-.1072	.4211	5.055	.6477	-.0677	-.1876	1.129
Rep #3	2.638	.8872	-.1143	-.0846	5.043	.6081	-.0395	.0996	1.116
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
38	Unk: GISC15-22215-R 09/12/2015 16:55:41 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.465	.6490	<.0000	.1665	5.462	.6960	<.0000	.0042	1.109
Desv. Est.	.842	.0829	.0081	.4199	.395	.0191	.0655	.1468	.017
% RSD	34.16	12.78	10.83	252.2	7.239	2.750	109.2	3461.	1.561
Rep #1	1.667	.5938	-.0840	-.1672	5.035	.6748	-.1334	-.1404	1.089
Rep #2	2.383	.7443	-.0716	.6379	5.816	.7013	-.0389	-.0001	1.117
Rep #3	3.345	.6088	-.0687	.0288	5.534	.7120	-.0076	.1532	1.121
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
39	Unk: GISC15-22231 09/12/2015 16:58:06 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	<.0000	.2441	<.0000	.3797	3.194	.7961	<.0000	<.0000	1.554
Desv. Est.	.4975	.0848	.0101	.2454	.222	.0494	.0379	.2615	.023
% RSD	31.91	34.73	9.925	64.63	6.959	6.200	38.70	283.7	1.504
Rep #1	-1.886	.3416	-.1093	.0990	3.424	.8529	-.1049	.1628	1.546
Rep #2	-.9868	.2034	-.1069	.5537	2.980	.7639	-.1321	-.0797	1.536

Rep #3	-1.805	.1874	-.0906	.4864	3.178	.7715	-.0572	-.3596	1.581
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
40	Unk: GISC15-22232 09/12/2015 17:00:41 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.3331	.1669	<.0000	.4642	3.421	.8179	<.0000	.0269	2.079
Desv. Est.	.8147	.2375	.0150	.1968	.084	.0664	.0312	.1925	.009
% RSD	244.6	142.3	15.15	42.41	2.465	8.113	25.20	716.8	.4361
Rep #1	-.5433	-.0645	-.0965	.3944	3.324	.7515	-.1503	-.1949	2.069
Rep #2	1.067	.4100	-.0858	.6864	3.467	.8842	-.0894	.1504	2.086
Rep #3	.4752	.1552	-.1155	.3118	3.472	.8181	-.1312	.1251	2.083
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
41	Unk: GISC15-22253 09/12/2015 17:03:16 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.294	.5097	<.0000	.1069	1.058	.0423	<.0000	<.0000	1.205
Desv. Est.	1.002	.1265	.0020	.6213	.007	.0368	.0265	.1446	.022
% RSD	77.40	24.82	2.030	581.0	.7112	87.14	45.50	193.6	1.790
Rep #1	.1492	.3639	-.0981	.6067	1.050	.0083	-.0282	.0826	1.183
Rep #2	2.009	.5891	-.1021	-.5887	1.065	.0814	-.0785	-.2020	1.227
Rep #3	1.725	.5762	-.1005	.3027	1.058	.0372	-.0680	-.1047	1.205
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
42	Unk: GISC15-22254 09/12/2015 17:05:36 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.051	.4741	<.0000	.9929	2.479	.2837	<.0000	.0545	1.971
Desv. Est.	.914	.1168	.0080	.1228	.145	.0562	.0551	.2027	.014
% RSD	86.99	24.64	8.813	12.37	5.837	19.80	69.53	371.9	.6955
Rep #1	1.418	.5921	-.0908	.8709	2.608	.3262	-.1424	.2831	1.969
Rep #2	1.725	.3585	-.0989	1.117	2.323	.3050	-.0406	-.0165	1.959
Rep #3	.0103	.4715	-.0829	.9912	2.508	.2200	-.0548	-.1032	1.986
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
43	Unk: GISC15-22255 09/12/2015 17:07:58 CONC x100 D MP-151209: UNAM(FRUTAS):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	<.0000	.6929	<.0000	.8083	2.355	.1925	<.0000	<.0000	1.744
Desv. Est.	.2214	.2218	.0049	.4276	.357	.0467	.0294	.1041	.024
% RSD	11.49	32.00	6.477	52.90	15.15	24.27	24.43	194.1	1.378
Rep #1	-1.720	.7812	-.0795	.3175	2.086	.1752	-.1521	.0037	1.725
Rep #2	-1.899	.8570	-.0775	1.100	2.219	.2454	-.1148	.0939	1.771
Rep #3	-2.160	.4406	-.0702	1.007	2.760	.1569	-.0941	-.1137	1.737

1	Cal: Blanco 10/12/2015 14:03:31 IR D Hg-151210: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	-12.23
Desv. Est.	1.29
% RSD	10.54
Rep #1	-12.58
Rep #2	-13.30
Rep #3	-10.80
2	Cal: STD 1 10/12/2015 14:04:57 IR D Hg-151210: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	40.89
Desv. Est.	2.27
% RSD	5.557
Rep #1	38.99
Rep #2	40.27
Rep #3	43.41
3	Cal: STD 2 10/12/2015 14:06:14 IR D Hg-151210: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	147.1
Desv. Est.	6.5
% RSD	4.434
Rep #1	139.6
Rep #2	150.9
Rep #3	150.8
4	Cal: STD 3 10/12/2015 14:07:41 IR D Hg-151210: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	253.9
Desv. Est.	3.3
% RSD	1.280
Rep #1	250.2
Rep #2	254.9
Rep #3	256.5
5	Cal: STD 4 10/12/2015 14:09:06 IR D Hg-151210: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	523.2
Desv. Est.	3.1
% RSD	.5977
Rep #1	520.6
Rep #2	522.3
Rep #3	526.6
6	QC: QC 10/12/2015 14:10:37 CONC D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 (47
Unidades	mg/kg
Media	.0051
Desv. Est.	.0000

% RSD	.9644
Rep #1	.0051
Rep #2	.0051
Rep #3	.0050
Comprobación	Pasa Comp
Valor	
Intervalo	
7	Unk: BLANCO 10/12/2015 14:11:45 CONC D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0000
Desv. Est.	.0000
% RSD	78.86
Rep #1	.0000
Rep #2	.0001
Rep #3	.0000
8	Unk: RECUPERACION 10/12/2015 14:13:11 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.5026
Desv. Est.	.0029
% RSD	.5701
Rep #1	.4997
Rep #2	.5054
Rep #3	.5028
9	Blanco: REACTIVO 10/12/2015 14:14:43 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0037
Desv. Est.	.0026
% RSD	70.95
Rep #1	.0061
Rep #2	.0009
Rep #3	.0042
10	Unk: GISC15-22023 10/12/2015 14:16:24 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0294
Desv. Est.	.0016
% RSD	5.389
Rep #1	-.0281
Rep #2	-.0312
Rep #3	-.0290
11	Unk: GISC15-22074 10/12/2015 14:17:49 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0419

Desv. Est.	.0006
% RSD	1.329
Rep #1	-.0414
Rep #2	-.0425
Rep #3	-.0417
12	Unk: GISC15-22074-R 10/12/2015 14:19:16 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0345
Desv. Est.	.0044
% RSD	12.66
Rep #1	-.0391
Rep #2	-.0305
Rep #3	-.0338
13	Unk: GISC15-22118 10/12/2015 14:20:37 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0479
Desv. Est.	.0030
% RSD	6.332
Rep #1	-.0446
Rep #2	-.0486
Rep #3	-.0506
14	Unk: GISC15-22119 10/12/2015 14:21:52 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0374
Desv. Est.	.0016
% RSD	4.189
Rep #1	-.0383
Rep #2	-.0356
Rep #3	-.0383
15	Unk: GISC15-22120 10/12/2015 14:23:09 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0534
Desv. Est.	.0038
% RSD	7.170
Rep #1	-.0569
Rep #2	-.0539
Rep #3	-.0493
16	Unk: GISC15-22121 10/12/2015 14:24:45 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0433
Desv. Est.	.0008
% RSD	1.827

Rep #1	-0434
Rep #2	-0441
Rep #3	-0425
17	Unk: GISC15-22158 10/12/2015 14:26:07 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0466
Desv. Est.	.0003
% RSD	.6453
Rep #1	-0469
Rep #2	-0463
Rep #3	-0467
18	Unk: GISC15-22159 10/12/2015 14:27:23 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0437
Desv. Est.	.0031
% RSD	7.050
Rep #1	-0437
Rep #2	-0406
Rep #3	-0468
19	Unk: GISC15-22160 10/12/2015 14:28:38 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0430
Desv. Est.	.0028
% RSD	6.546
Rep #1	-0431
Rep #2	-0458
Rep #3	-0402
20	Unk: GISC15-22161 10/12/2015 14:29:52 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0354
Desv. Est.	.0019
% RSD	5.349
Rep #1	-0350
Rep #2	-0338
Rep #3	-0375
21	QC: QC 10/12/2015 14:32:18 CONC D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0050
Desv. Est.	.0000
% RSD	.5328
Rep #1	.0050
Rep #2	.0050

Rep #3	.0050
Comprobación	Pasa Comp
Valor	
Intervalo	
22	Unk: GISC15-22162 10/12/2015 14:33:16 CONC x100 DATE: 151216: EDUTAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0381
Desv. Est.	.0036
% RSD	9.348
Rep #1	-.0349
Rep #2	-.0375
Rep #3	-.0419
23	Unk: GISC15-22163 10/12/2015 14:34:30 CONC x100 DATE: 151216: EDUTAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0356
Desv. Est.	.0097
% RSD	27.23
Rep #1	-.0411
Rep #2	-.0412
Rep #3	-.0244
24	Unk: GISC15-22185 10/12/2015 14:35:48 CONC x100 DATE: 151216: EDUTAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0460
Desv. Est.	.0041
% RSD	8.846
Rep #1	-.0422
Rep #2	-.0503
Rep #3	-.0456
25	Unk: GISC15-22186 10/12/2015 14:37:06 CONC x100 DATE: 151216: EDUTAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0467
Desv. Est.	.0032
% RSD	6.948
Rep #1	-.0443
Rep #2	-.0454
Rep #3	-.0504
26	Unk: GISC15-22187 10/12/2015 14:38:22 CONC x100 DATE: 151216: EDUTAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0579
Desv. Est.	.0006
% RSD	1.047
Rep #1	-.0583

Rep #2	-0581
Rep #3	-0572
27	Unk: GISC15-22210 10/12/2015 14:39:38 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0415
Desv. Est.	.0044
% RSD	10.51
Rep #1	-0393
Rep #2	-0387
Rep #3	-0466
28	Unk: GISC15-22211 10/12/2015 14:40:59 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0469
Desv. Est.	.0035
% RSD	7.403
Rep #1	-0486
Rep #2	-0491
Rep #3	-0429
29	Unk: GISC15-22212 10/12/2015 14:42:15 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0449
Desv. Est.	.0017
% RSD	3.881
Rep #1	-0466
Rep #2	-0449
Rep #3	-0432
30	Unk: GISC15-22213 10/12/2015 14:43:30 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0392
Desv. Est.	.0004
% RSD	1.014
Rep #1	-0394
Rep #2	-0387
Rep #3	-0394
31	Unk: GISC15-22214 10/12/2015 14:44:52 CONC x100 D.H. 151210: FRUITAG: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0460
Desv. Est.	.0035
% RSD	7.699
Rep #1	-0478
Rep #2	-0482
Rep #3	-0419

32	QC: QC 10/12/2015 14:47:41 CONC D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0050
Desv. Est.	.0001
% RSD	1.039
Rep #1	.0050
Rep #2	.0050
Rep #3	.0051
Comprobación	Pasa Comp
Valor	
Intervalo	
33	Unk: GISC15-22215 10/12/2015 14:48:18 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0574
Desv. Est.	.0040
% RSD	6.955
Rep #1	-.0528
Rep #2	-.0601
Rep #3	-.0593
34	Unk: GISC15-22215-R 10/12/2015 14:49:42 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0631
Desv. Est.	.0004
% RSD	.6099
Rep #1	-.0627
Rep #2	-.0635
Rep #3	-.0631
35	Unk: GISC15-22231 10/12/2015 14:51:01 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0232
Desv. Est.	.0019
% RSD	8.031
Rep #1	-.0253
Rep #2	-.0225
Rep #3	-.0217
36	Unk: GISC15-22232 10/12/2015 14:52:16 CONC x100 D Hg-151210: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0245
Desv. Est.	.0030
% RSD	12.08
Rep #1	-.0232
Rep #2	-.0225

Rep #3	-0279
37	Unk: GISC15-22253 10/12/2015 14:53:47 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0496
Desv. Est.	.0015
% RSD	3.073
Rep #1	-0503
Rep #2	-0478
Rep #3	-0505
38	Unk: GISC15-22254 10/12/2015 14:55:16 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0419
Desv. Est.	.0023
% RSD	5.516
Rep #1	-0445
Rep #2	-0403
Rep #3	-0408
39	Unk: GISC15-22255 10/12/2015 14:56:34 CONC x100 D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0446
Desv. Est.	.0002
% RSD	.5409
Rep #1	-0449
Rep #2	-0444
Rep #3	-0445
40	QC: QC 10/12/2015 15:05:06 CONC D Hg-151210: FRUTAS: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0050
Desv. Est.	.0000
% RSD	.5231
Rep #1	.0050
Rep #2	.0051
Rep #3	.0051
Comprobación	Pasa Comp
Valor	
Intervalo	

CONTENIDO

GRANADA

- 1.1 Informes de resultados de prueba**
- 1.2 Curva de calibración**
- 1.3 Evaluación de muestras de control de calidad**
- 1.4 Datos crudos de lote analítico**



GRUPO INTEGRAL DE SERVICIOS FITOSANITARIOS ENA S.A. DE C.V.
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"Acreditación otorgada bajo la norma NMX-EC-17025-IMNC-2006/ISO/IEC 17025:2005
Requisitos generales para la competencia de laboratorios de ensayo y calibración".

INFORME DE RESULTADOS DE PRUEBA

DATOS DE LA MUESTRA

Matriz: GRANADA
Fecha de Recepción: 2015-11-05

INTERESADO

Nombre : Laboratorio Nacional de las Ciencias de la Sostenibilidad; Instituto de Ecología-UNAM
Dirección: Av. Universidad No. 3000, Col. UNAM, CU, Del. Coyoacán, Distrito Federal, CP 04510

DATOS DEL ANÁLISIS

Método: Determinación de metales y metaloides en agua y alimentos por Espectrometría de Emisión de Plasma de Acoplamiento Inductivo (ICP-OES)
Referencia: EPA 6010C-2007
Resultados: Ver hoja excell2015/11/05 (2)
Fecha de Analisis Metales y Mercurio: 2015-11-30 2015-12-07
Fecha de Realización del Informe: 2015-12-08

IDENTIFICACIÓN CLIENTE

L-I020/15/0200
L-I021/15/0201
L-I021/15/0202
L-I056/15/0554
L-I056/15/0555
L-I056/15/0556
L-I058/15/0578
L-I058/15/0579
L-I058/15/0580
L-I059/15/0587
L-I059/15/0588
L-I059/15/0589
L-I064/15/0631
L-I064/15/0632
L-I064/15/0633
L-I066/15/0652
L-I066/15/0653
L-I066/15/0657

CLAVE DE IDENTIFICACIÓN

GISC15-21822
GISC15-21823
GISC15-21824
GISC15-22112
GISC15-22113
GISC15-22114
GISC15-22133
GISC15-22134
GISC15-22135
GISC15-22141
GISC15-22142
GISC15-22143
GISC15-22181
GISC15-22182
GISC15-22183
GISC15-22201
GISC15-22202
GISC15-22205



Número de acreditación No. SA-159-005/11
Vigencia de acreditación a partir de 2011-05-10
"Acreditación otorgada bajo la norma NMX-EC-17025-IMNC-2006/ISO/IEC 17025:2005
Requisitos generales para la competencia de laboratorios de ensayo y calibración".



GRUPO INTEGRAL DE SERVICIOS FITOSANITARIOS ENA S.A. DE C.V.

EMILIANO ZAPATA No. 10, SAN LUIS HUEXOTLA, TEXCOCO EDO. DE MEXICO.
C.P. 56250 TEL: 01(595) 928 41 78, 01(595) 931 39 60 y 01(595) 931 39 61
TEL/FAX: 01(595) 928 40 77 E-mail: gisena@prodigy.net.mx

IDENTIFICACIÓN CLIENTE

L-I066/15/0659

L-I066/15/0660

L-I067/15/0661

CLAVE DE IDENTIFICACIÓN

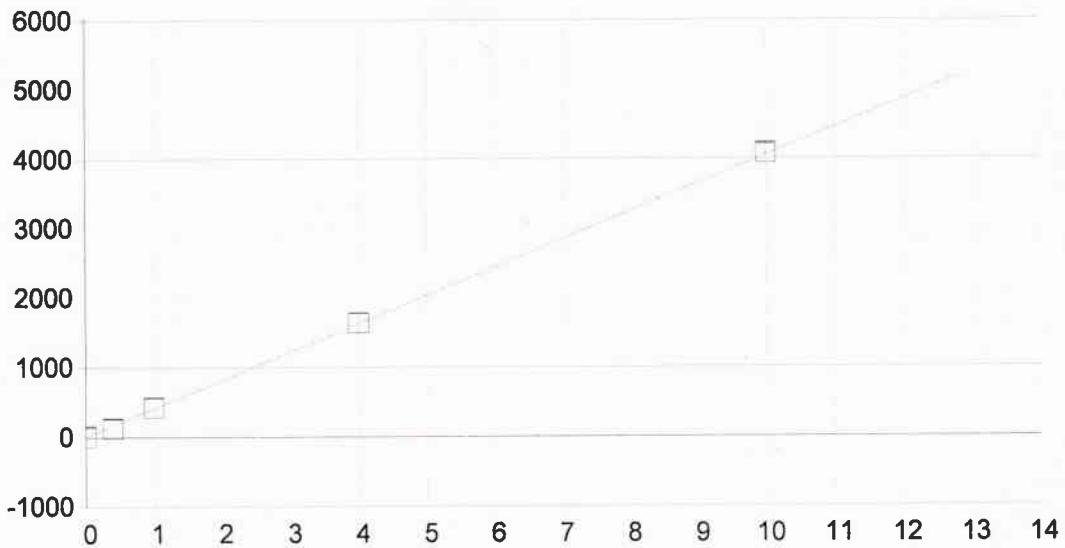
GISC15-22207

GISC15-22208

GISC15-22209

REVISÓ

Q.F.B.Leticia Velázquez Méndez
Gerente Técnico

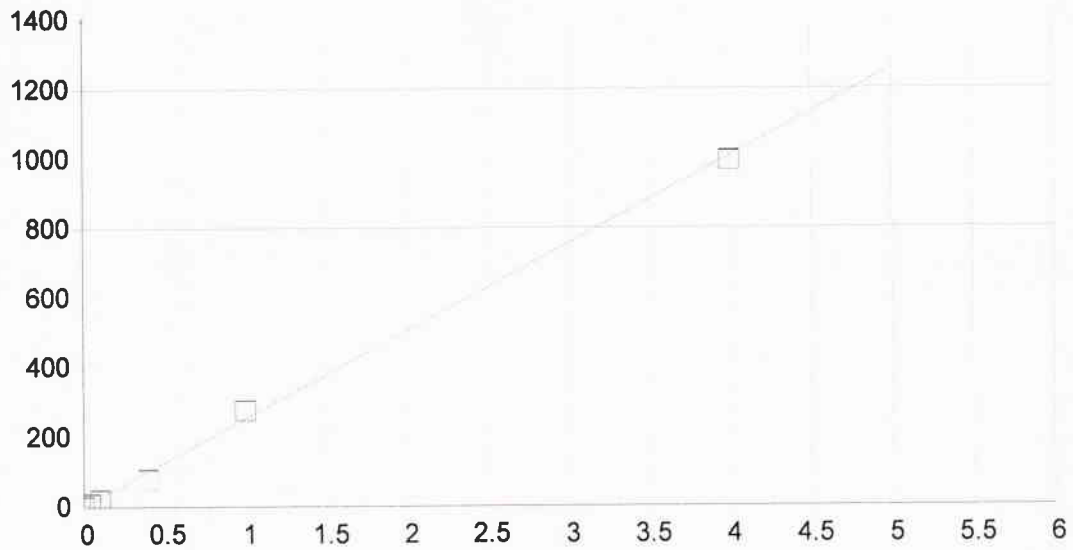


AI 396.152 { 85}

Fecha de la 30/11/2015 15:22:13 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 9.475169 Reajustar P 1.000000
 A1 (Ganancia) 403.683019 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998826 Estatus: OK.
 Error Estándar de Est: 1.982234
 MDL: 0.020790
 MQL: 0.069300

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00010	.000	.000	9.5167	12.5	1
STD 5	.40000	.28176	-.118	-29.6	123.22	6.13	1
STD 6	1.0000	1.0249	.025	2.49	423.22	6.28	1
STD 7	4.0000	4.0291	.029	.727	1635.9	1.90	1
STD 8	10.000	10.064	.064	.642	4072.2	11.5	1

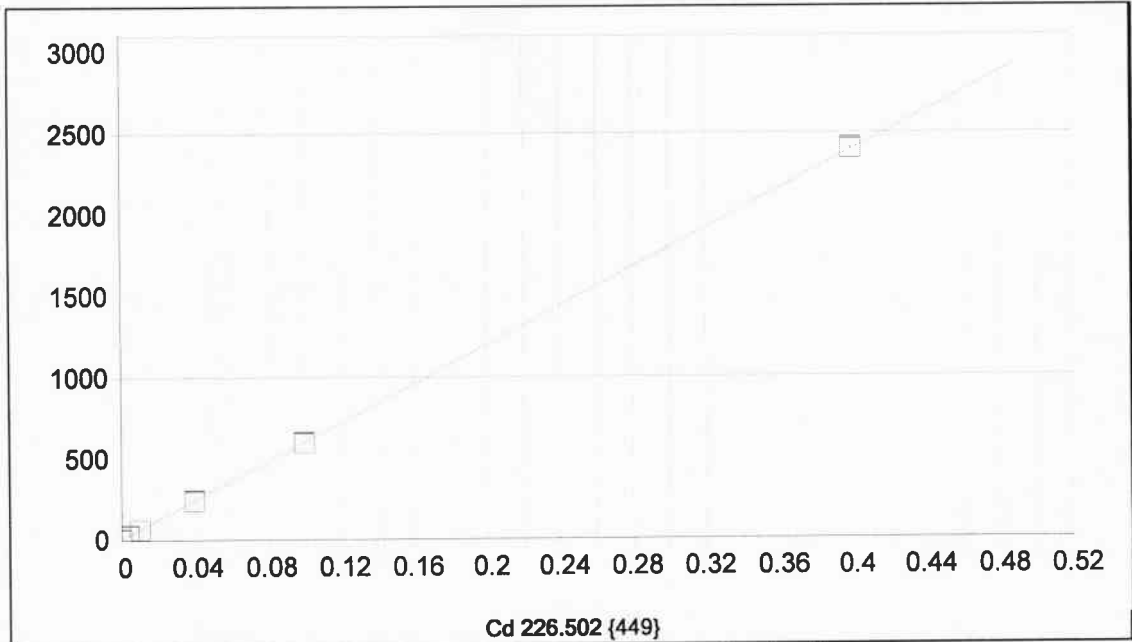


As 189.042 {478}

Fecha de la 30/11/2015 15:23:20 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 0.570044 Reajustar P 1.000000
 A1 (Ganancia) 251.493191 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998119 Estatus: OK.
 Error Estándar de Est: 0.285702
 MDL: 0.003544
 MQL: 0.011814

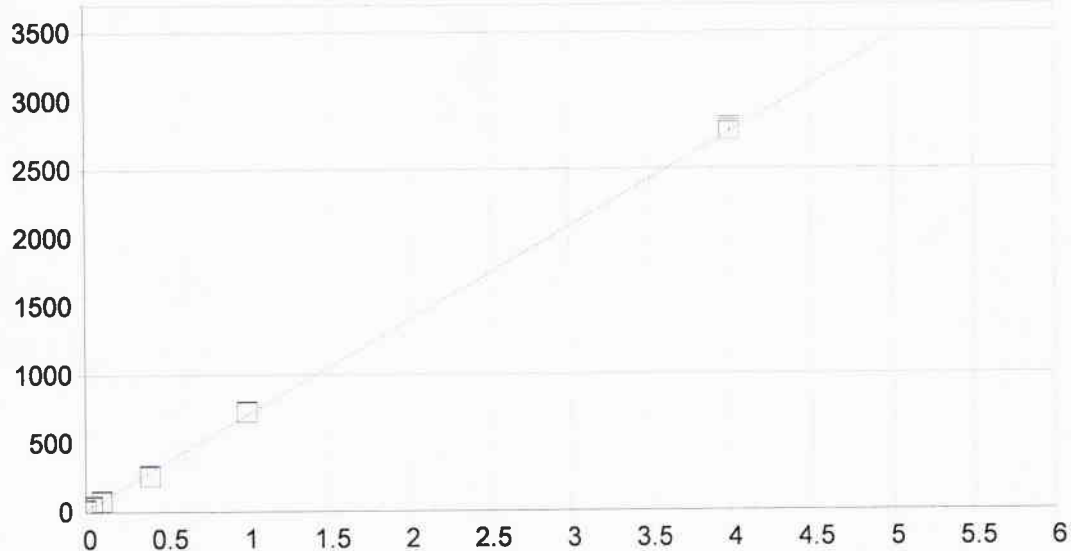
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00002	.000	.000	.57476	.404	1
STD 4	.10000	.07317	-.027	-26.8	18.973	.747	1
STD 5	.40000	.30711	-.093	-23.2	77.807	1.03	0
STD 6	1.0000	1.0915	.091	9.15	275.07	.665	1
STD 7	4.0000	3.9465	-.054	-1.34	993.09	.658	1
STD 3	.04000	.02887	-.011	-27.8	7.8300	.553	1



Fecha de la 30/11/2015 15:12:38 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 5.069437 Reajustar P 1.000000
 A1 (Ganancia) 5964.829496 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999971 Estatus: OK.
 Error Estándar de Est: 0.083364
 MDL: 0.000241
 MQL: 0.000803

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	5.0704	1.68	1
STD 1	.00400	.00406	.000	1.42	29.268	1.09	1
STD 2	.01000	.00956	-.000	-4.37	62.109	.655	1
STD 3	.04000	.03960	-.000	-1.01	241.25	1.82	1
STD 4	.10000	.09939	-.001	-.609	597.92	1.15	1
STD 5	.40000	.40139	.001	.349	2399.3	7.93	1

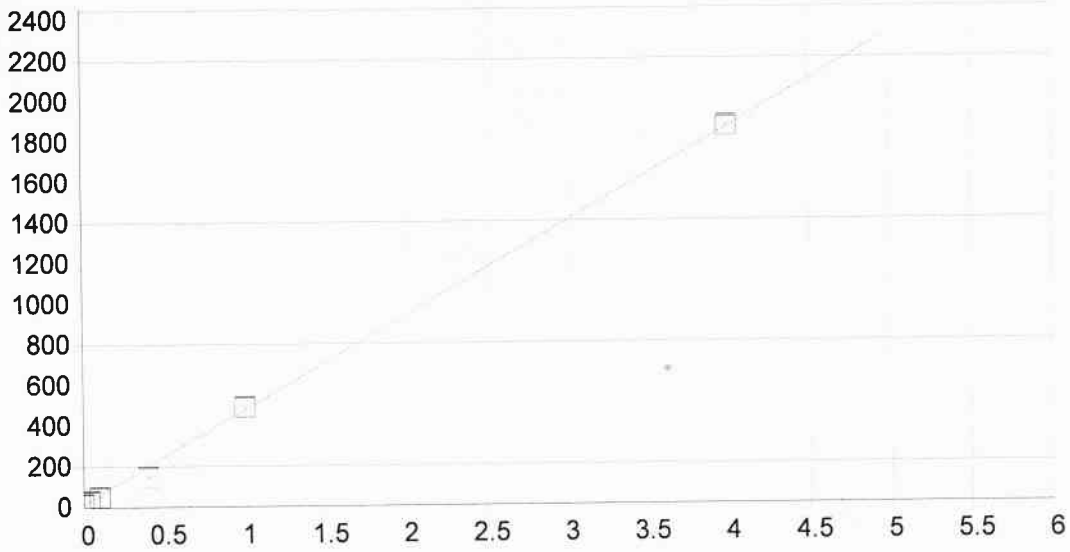


Cu 324.754 {104}

Fecha de la 30/11/2015 15:19:28 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 14.411615 Reajustar P 1.000000
 A1 (Ganancia) 688.596891 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999353 Estatus: OK.
 Error Estándar de Est: 0.451320
 MDL: 0.006673
 MQL: 0.022244

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	14.418	4.13	1
STD 5	.40000	.35622	-.044	-10.9	259.70	4.44	1
STD 6	1.0000	1.0347	.035	3.47	726.90	3.03	1
STD 7	4.0000	4.0212	.021	.531	2783.4	19.5	1
STD 3	.04000	.03684	-.003	-7.90	39.780	2.62	1
STD 4	.10000	.09100	-.009	-9.00	77.074	4.50	1

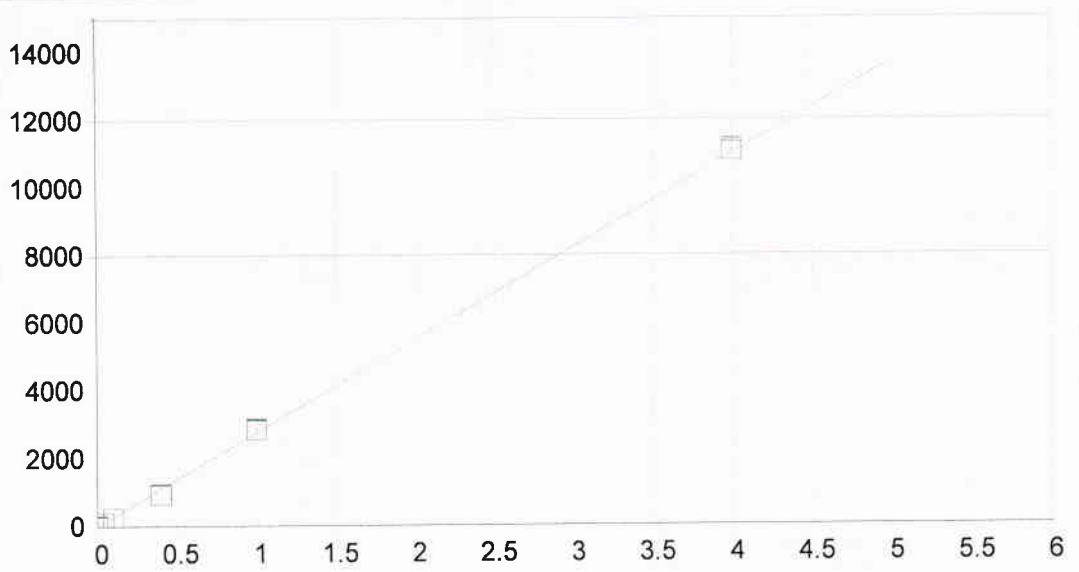


Fe 259.940 {130}

Fecha de la 30/11/2015 15:23:46 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 15.647286 Reajustar P 1.000000
 A1 (Ganancia) 461.312543 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998875 Estatus: OK.
 Error Estándar de Est: 0.405016
 MDL: 0.004824
 MQL: 0.016080

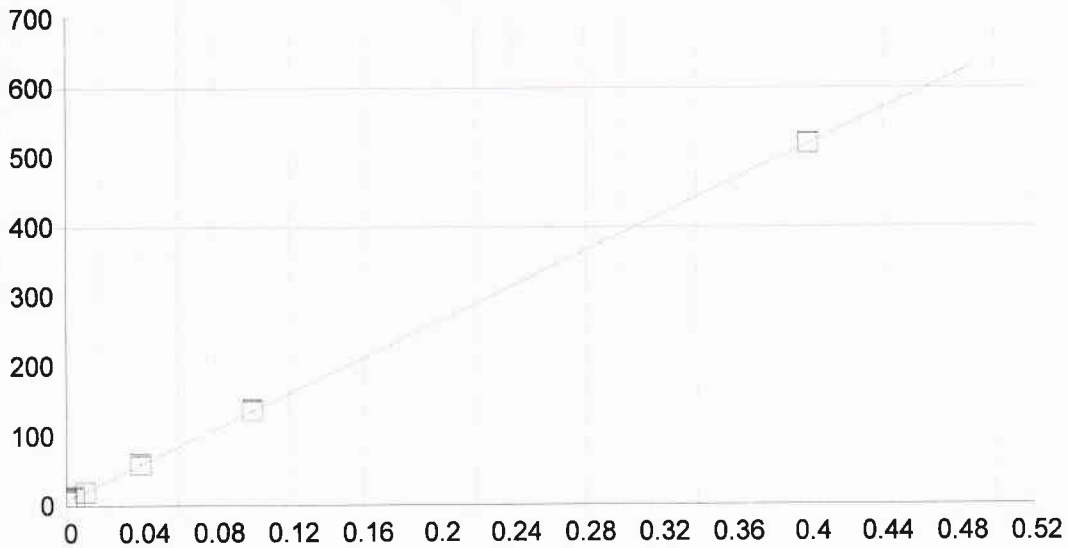
Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00002	.000	.000	15.657	1.29	1
STD 5	.40000	.28399	-.116	-29.0	146.66	2.79	0
STD 6	1.0000	1.0307	.031	3.07	491.13	3.56	1
STD 3	.04000	.02961	-.010	-26.0	29.307	2.20	1
STD 4	.10000	.07187	-.028	-28.1	48.803	2.04	1
STD 7	4.0000	4.0078	.008	.195	1864.5	7.35	1



Mn 257.610 {131}

Fecha de la	30/11/2015 15:19:28	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	2.942817	Reajustar P	1.000000		
A1 (Ganancia)	2741.588778	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.998817	Estatus:	OK.		
Error Estándar de Est:	2.431132				
MDL:	0.000900				
MQL:	0.002999				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	2.9833	2.06	1
STD 5	.40000	.34092	-.059	-14.8	937.59	4.68	1
STD 6	1.0000	1.0358	.036	3.58	2842.7	21.2	1
STD 3	.04000	.03496	-.005	-12.6	98.792	.404	1
STD 4	.10000	.08578	-.014	-14.2	238.11	1.71	1
STD 7	4.0000	4.0425	.043	1.06	11086.	61.1	1

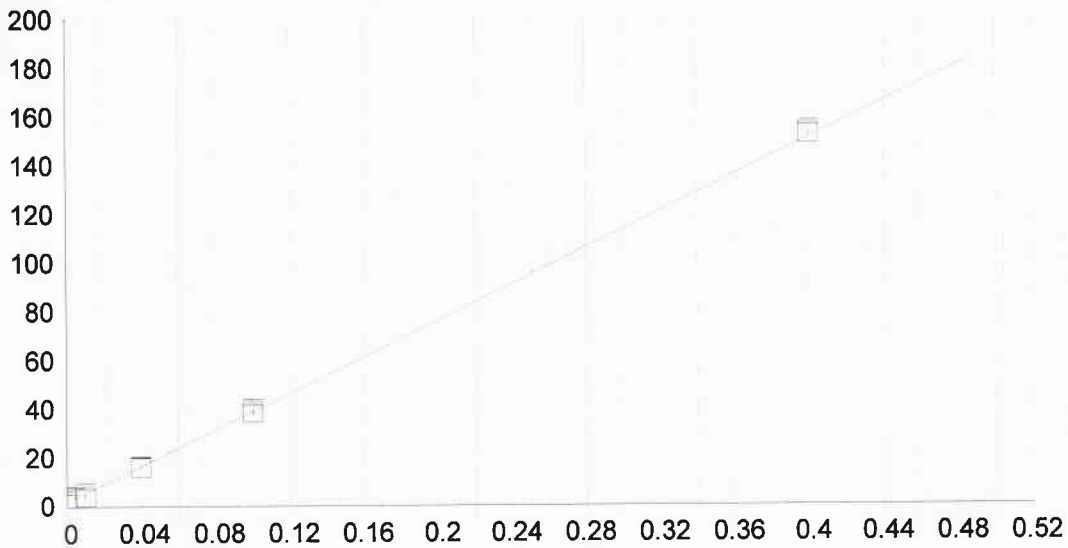


Ni 231.604 {446}

Fecha de la 30/11/2015 15:12:38 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 7.689149 Reajustar P 1.000000
 A1 (Ganancia) 1279.474414 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999907 Estatus: OK.
 Error Estándar de Est: 0.031744
 MDL: 0.001005
 MQL: 0.003349

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	7.6899	1.07	1
STD 1	.00400	.00360	-.000	-10.0	12.293	1.68	1
STD 2	.01000	.00929	-.001	-7.09	19.577	.096	1
STD 3	.04000	.04038	.000	.961	59.360	1.76	1
STD 4	.10000	.10091	.001	.909	136.80	1.43	1
STD 5	.40000	.39982	-.000	-.046	519.25	.187	1

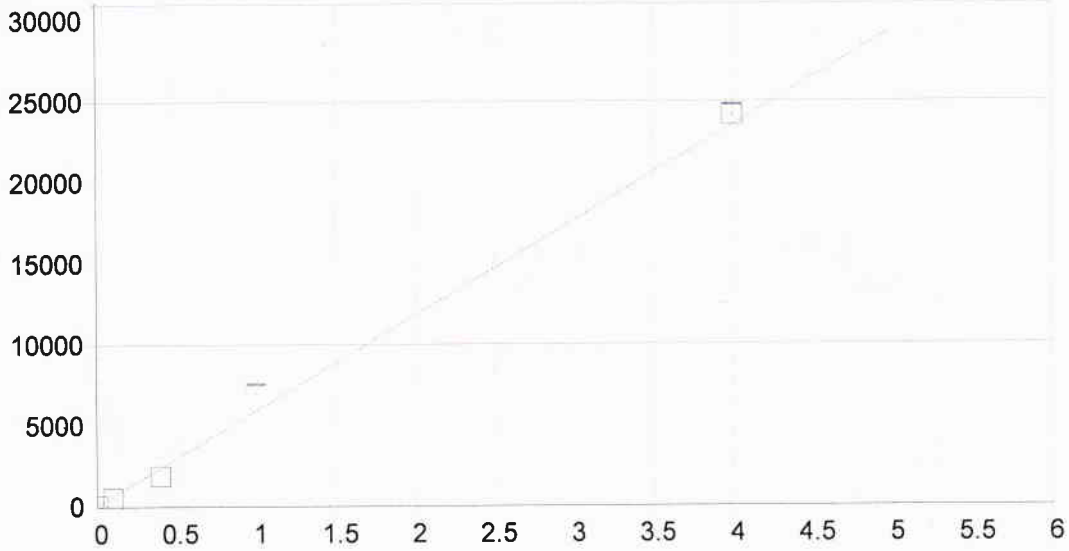


Pb 220.353 {453}

Fecha de la 30/11/2015 15:24:04 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 1.763181 Reajustar P 1.000000
 A1 (Ganancia) 373.389327 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999213 Estatus: OK.
 Error Estándar de Est: 0.028366
 MDL: 0.003237
 MQL: 0.010790

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	1.7636	.888	1
STD 1	.00400	.00628	.002	57.1	4.1091	.317	0
STD 2	.01000	.00722	-.003	-27.8	4.4592	1.17	1
STD 3	.04000	.03879	-.001	-3.04	16.245	.311	1
STD 4	.10000	.09940	-.001	-.601	38.878	1.17	1
STD 5	.40000	.40459	.005	1.15	152.83	1.02	1

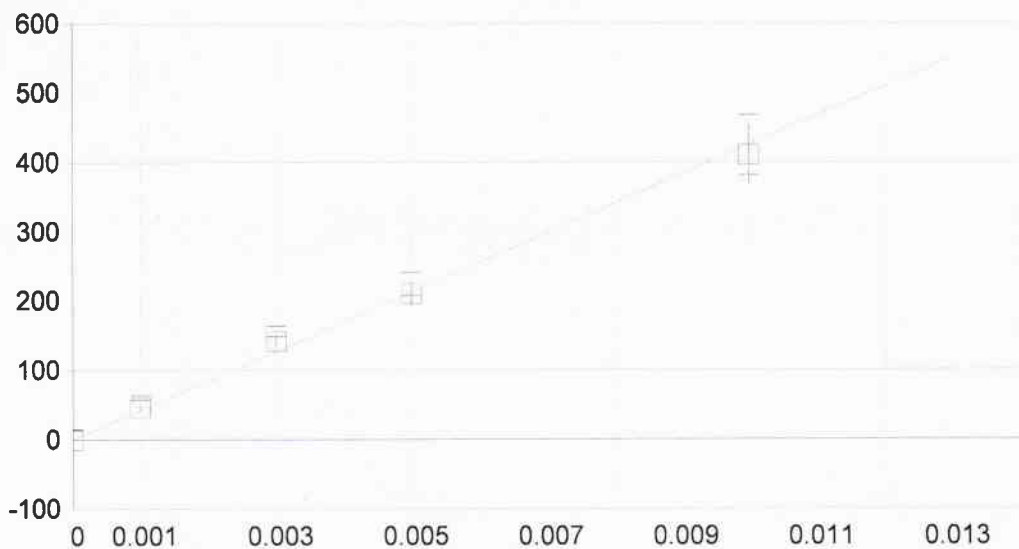


Zn 213.856 (458)

Fecha de la 30/11/2015 15:24:17 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 60.025509 Reajustar P 1.000000
 A1 (Ganancia) 5861.549042 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.996894 Estatus: OK.
 Error Estándar de Est: 13.881759
 MDL: 0.000200
 MQL: 0.000667

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00004	.000	.000	60.269	.964	1
STD 4	.10000	.07822	-.022	-21.8	518.54	4.52	1
STD 5	.40000	.31011	-.090	-22.5	1877.7	.541	1
STD 6	1.0000	1.1773	.177	17.7	6961.1	43.2	0
STD 7	4.0000	4.1117	.112	2.79	24161.	54.8	1



Hg 194.227 {474}

Fecha de la 07/12/2015 09:23:35 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -0.164053 Reajustar P 1.000000
 A1 (Ganancia) 42541.94067 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998501 Estatus: OK.
 Error Estándar de Est: 0.414408
 MDL: 0.000034
 MQL: 0.000113

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	-.17017	.823	1
STD 1	.00100	.00108	.000	7.93	45.752	3.38	1
STD 2	.00300	.00333	.000	11.2	141.70	8.11	1
STD 3	.00500	.00494	-.000	-1.14	210.11	16.7	1
STD 4	.01000	.00964	-.000	-3.57	410.08	43.5	1



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-GRANADA-151203**
 Fecha de Análisis: **03/12/2015**
 Fecha de Reporte: **03/12/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.0100
NIVEL 5	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000									
NIVEL 9										
Correlación	0.9988	0.9981	0.9997	0.9993	0.9988	0.9988	0.9999	0.9992	0.9968	0.9985

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/L		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/L		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
10	QC:QC	Aluminio	0.4000	0.3660	92	37	QC:QC	Aluminio	0.4000	0.3835	96
		Arsénico	0.4000	0.4284	107			Arsénico	0.4000	0.4018	100
		Cadmio	0.4000	0.4002	100			Cadmio	0.4000	0.3581	90
		Cobre	0.4000	0.3791	95			Cobre	0.4000	0.3942	99
		Fierro	0.4000	0.3875	97			Fierro	0.4000	0.4092	102
		Manganeso	0.4000	0.3648	91			Manganeso	0.4000	0.3550	89
		Níquel	0.4000	0.4197	105			Níquel	0.4000	0.3998	100
		Plomo	0.4000	0.4128	103			Plomo	0.4000	0.3881	97
		Zinc	0.4000	0.4493	112			Zinc	0.4000	0.4302	108
24	QC:QC	Aluminio	0.4000	0.4015	100	6	QC:QC	Mercurio	0.0050	0.0056	112
		Arsénico	0.4000	0.4139	103	21	QC:QC	Mercurio	0.0050	0.0052	104
		Cadmio	0.4000	0.3848	96	33	QC:QC	Mercurio	0.0050	0.0054	108
		Cobre	0.4000	0.4076	102						
		Fierro	0.4000	0.4063	102						
		Manganeso	0.4000	0.3838	96						
		Níquel	0.4000	0.4056	101						
		Plomo	0.4000	0.3987	100						
		Zinc	0.4000	0.4296	107						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)



Análisis:
 Lote analítico:
 Fecha de Análisis:
 Fecha de Reporte:

METALES PESADOS POR ICP-OES
 DMP-GRANADA-151203
 03/12/2015
 03/12/2015


EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²
			Teórica	Práctica					Teórica	Práctica	
12	Recuperación	Aluminio	40.0000	41.4900	104						
		Arsénico	40.0000	43.3500	108						
		Cadmio	40.0000	39.3200	98						
		Cobre	40.0000	43.6200	109						
		Fierro	40.0000	44.5500	111						
		Manganeso	40.0000	39.5500	99						
		Níquel	40.0000	42.4600	106						
		Plomo	40.0000	41.8300	105						
8	Recuperación	Mercurio	0.5	0.4202	84						

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)


 I.B.I. Gaudencio Vargas Espejel
 ELABORÓ


 Q.F.B. Leticia Velázquez Méndez
 REVISÓ

PACE/GIS/102-F01



Residuos Tóxicos

Hoja de Trabajo (Preparación) -Metales y Metaloides-(2)

Clave	Matriz	Tejido	Fecha de Recepción	Peso de muestra (g)	
				Metales	Hg
GISC15-21822	Granada		05/11/2015	0.5042	0.5067
GISC15-21823	Granada		05/11/2015	0.5067	0.5050
GISC15-21824	Granada		05/11/2015	0.5058	0.5063
GISC15-22112	Granada		05/11/2015	0.5049	0.5018
GISC15-22113	Granada		05/11/2015	0.5076	0.5070
GISC15-22114	Granada		05/11/2015	0.5018	0.5067
GISC15-22133	Granada		05/11/2015	0.5062	0.5029
GISC15-22134	Granada		05/11/2015	0.5024	0.5066
GISC15-22135	Granada		05/11/2015	0.5012	0.5065
GISC15-22141	Granada		05/11/2015	0.5050	0.5078
GISC15-22142	Granada		05/11/2015	0.5081	0.5058
GISC15-22143	Granada		05/11/2015	0.5028	0.5007
GISC15-22181	Granada		05/11/2015	0.5051	0.5010
GISC15-22182	Granada		05/11/2015	0.5048	0.5023
GISC15-22183	Granada		05/11/2015	0.5055	0.5034
GISC15-22201	Granada		05/11/2015	0.5061	0.5047
GISC15-22202	Granada		05/11/2015	0.5075	0.5048
GISC15-22205	Granada		05/11/2015	0.5081	0.5034
GISC15-22207	Granada		05/11/2015	0.5065	0.5036
GISC15-22208	Granada		05/11/2015	0.5016	0.5064
GISC15-22209	Granada		05/11/2015	0.5005	0.5078

P.A. *A. Landraco Ms*

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Mendez

1	Cal: Blanco 03/12/2015 15:15:24 IR D MP-151203: GRANADA (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	6.692	.7196	21.70	12.83	10.53	15.26	10.40	2.652	85.64	
Desv. Est.	3.538	.5011	5.09	1.89	2.94	7.40	.92	.838	32.03	
% RSD	52.87	69.64	23.48	14.75	27.98	48.52	8.871	31.59	37.40	
Rep #1	3.175	.7166	27.34	10.79	11.01	23.37	10.50	2.905	66.08	
Rep #2	6.650	1.222	20.30	13.19	7.370	8.875	9.427	1.717	68.24	
Rep #3	10.25	.2200	17.45	14.53	13.20	13.53	11.26	3.334	122.6	
2	Cal: STD 1 03/12/2015 15:17:48 IR D MP-151203: GRANADA (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	59.21	18.84	5.444							
Desv. Est.	2.51	1.55	.889							
% RSD	4.240	8.234	16.32							
Rep #1	61.55	20.24	6.218							
Rep #2	59.51	19.11	4.474							
Rep #3	56.56	17.17	5.640							
3	Cal: STD 2 03/12/2015 15:20:10 IR D MP-151203: GRANADA (UNAM):									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	134.7	39.16	10.68							
Desv. Est.	20.7	6.11	1.94							
% RSD	15.36	15.59	18.14							
Rep #1	125.5	35.98	9.440							
Rep #2	158.4	46.20	12.91							
Rep #3	120.2	35.30	9.686							
4	Cal: STD 3 03/12/2015 15:22:28 IR D MP-151203: GRANADA (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	18.15	458.2	66.10	37.27	185.0	123.0	35.45			
Desv. Est.	.37	3.7	1.19	.14	4.7	.9	.73			
% RSD	2.013	.8049	1.804	.3756	2.542	.7426	2.066			
Rep #1	18.16	462.0	65.29	37.37	189.2	123.5	34.84			
Rep #2	18.50	457.9	65.54	37.33	185.9	122.0	35.24			
Rep #3	17.77	454.7	67.47	37.11	179.9	123.6	36.26			
5	Cal: STD 4 03/12/2015 15:25:14 IR D MP-151203: GRANADA (UNAM):									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138		
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45		
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s		
Media	43.54	1121.	144.3	82.44	441.1	290.9	83.34	1058.		
Desv. Est.	.49	3.	3.7	2.16	1.1	2.0	.60	5.		
% RSD	1.122	.2867	2.576	2.618	.2581	.6877	.7179	.4571		
Rep #1	43.08	1122.	140.1	80.85	441.5	288.7	83.70	1059.		
Rep #2	44.05	1124.	146.9	84.90	442.0	292.4	83.68	1062.		
Rep #3	43.49	1117.	146.0	81.58	439.8	291.7	82.65	1052.		
6	Cal: STD 5 03/12/2015 15:27:46 IR D MP-151203: GRANADA (UNAM):									

11	Unk: REACTIVO 03/12/2015 15:46:46 CONC D MP-151203: GRANADA (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.0026	.0000	.0001	.0084	.0078	.0048	.0009	.0012	.0086	
Desv. Est.	.0079	.0011	.0005	.0095	.0115	.0086	.0005	.0010	.0003	
% RSD	299.1	5018.	930.7	113.6	147.0	177.3	59.76	82.51	3.394	
Rep #1	-.0026	.0004	-.0004	.0045	.0031	.0015	.0003	.0001	.0083	
Rep #2	-.0012	-.0012	.0006	.0014	-.0006	-.0015	.0011	.0018	.0089	
Rep #3	.0117	.0009	.0000	.0193	.0209	.0146	.0013	.0017	.0085	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
12	Unk: RECUPERACION 03/12/2015 15:47:21 CONC x100 D MP-151203: GRANADA (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	41.49	43.35	39.22	43.62	44.55	39.55	42.96	41.83	46.37	
Desv. Est.	.56	.27	.15	.35	.66	.18	.25	.14	.17	
% RSD	1.345	.6231	.3742	.7957	1.473	.4509	.5771	.3304	.3656	
Rep #1	41.21	43.52	39.38	43.74	45.01	39.75	43.15	41.91	46.52	
Rep #2	42.14	43.04	39.09	43.89	43.80	39.49	42.68	41.67	46.19	
Rep #3	41.13	43.48	39.18	43.23	44.84	39.41	43.06	41.92	46.42	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
13	Blanco: REACTIVO 03/12/2015 15:49:44 CONC D MP-151203: GRANADA (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	.0037	.0010	-.0014	-.0002	.0015	-.0026	-.0011	-.0013	.0074	
Desv. Est.	.0064	.0005	.0001	.0007	.0016	.0001	.0003	.0012	.0001	
% RSD	171.0	49.69	8.315	422.6	106.9	4.647	23.30	92.72	1.189	
Rep #1	.0111	.0004	-.0015	.0001	.0020	-.0024	-.0014	-.0011	.0075	
Rep #2	.0010	.0014	-.0013	.0003	-.0003	-.0026	-.0008	-.0002	.0074	
Rep #3	-.0008	.0011	-.0014	-.0009	.0029	-.0027	-.0012	-.0025	.0073	
Comprobació										
Valor										
Intervalo										
14	Unk: GISC15-21822 03/12/2015 15:51:22 CONC x100 D MP-151203: GRANADA (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Media	3.873	.0854	<.0000	1.060	5.914	.3253	.0921	<.0000	1.170	
Desv. Est.	1.064	.1433	.0192	.383	.184	.0066	.0661	.0681	.025	
% RSD	27.47	167.8	9.858	36.11	3.113	2.044	71.77	42.78	2.147	
Rep #1	4.768	-.0736	-.1748	1.500	6.127	.3330	.0476	-.0890	1.141	
Rep #2	2.697	.1252	-.1972	.8078	5.810	.3221	.0607	-.2250	1.182	
Rep #3	4.154	.2045	-.2131	.8713	5.806	.3209	.1681	-.1632	1.186	
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	
Valor										
Intervalo										
15	Unk: GISC15-21822-R 03/12/2015 15:53:42 CONC x100 D MP-151203: GRANADA (UNAM):									
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	

Media	3.045	.3036	<.0000	1.245	5.799	.7682	.0480	<.0000	1.826
Desv. Est.	1.662	.1340	.0023	.261	.193	.0272	.0521	.1227	.049
% RSD	54.58	44.15	1.393	20.93	3.324	3.546	108.7	56.08	2.686
Rep #1	1.422	.1815	-.1663	1.042	5.638	.7658	.0881	-.3600	1.807
Rep #2	4.744	.2822	-.1639	1.155	5.747	.7422	.0668	-.1571	1.789
Rep #3	2.969	.4470	-.1685	1.539	6.013	.7966	-.0110	-.1391	1.881
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
20	Unk: GISC15-22114 03/12/2015 16:05:36 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.020	.3694	<.0000	1.187	4.940	1.013	.0108	<.0000	.8211
Desv. Est.	.748	.1419	.0083	.164	.162	.058	.0382	.0985	.0297
% RSD	24.78	38.41	4.944	13.82	3.283	5.750	353.2	45.70	3.621
Rep #1	3.795	.5282	-.1620	1.148	5.114	.9770	.0433	-.2820	.8549
Rep #2	2.965	.2550	-.1664	1.367	4.913	1.080	.0202	-.2620	.8097
Rep #3	2.301	.3251	-.1782	1.046	4.793	.9819	-.0312	-.1023	.7988
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
21	Unk: GISC15-22133 03/12/2015 16:07:57 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.653	.2014	<.0000	.7053	5.517	.3704	.0892	<.0000	.7014
Desv. Est.	.743	.1192	.0096	.1453	.197	.0528	.0498	.0592	.0133
% RSD	27.99	59.20	4.816	20.59	3.563	14.26	55.89	30.08	1.894
Rep #1	2.198	.2825	-.1893	.8231	5.592	.3710	.1206	-.2651	.7154
Rep #2	3.510	.0645	-.2071	.7499	5.293	.3173	.1152	-.1599	.6996
Rep #3	2.251	.2572	-.2046	.5430	5.664	.4229	.0317	-.1655	.6890
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
22	Unk: GISC15-22134 03/12/2015 16:10:18 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.769	.4015	<.0000	1.023	15.22	.9670	.1024	<.0000	2.090
Desv. Est.	.573	.3400	.0026	.318	5.26	.4037	.0520	.1023	.204
% RSD	32.41	84.68	1.476	31.05	34.56	41.75	50.76	72.98	9.766
Rep #1	2.210	.2800	-.1710	.6563	9.155	.5020	.0462	-.0568	1.855
Rep #2	1.121	.7855	-.1759	1.210	17.99	1.228	.1121	-.2543	2.198
Rep #3	1.975	.1389	-.1721	1.203	18.52	1.171	.1488	-.1095	2.218
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
23	Unk: GISC15-22135 03/12/2015 16:12:38 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Lnea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.785	.2163	<.0000	.1566	20.39	.2312	.0414	<.0000	.5713

Desv. Est.	.526	.0700	.0026	.2245	4.43	.1064	.0418	.0536	.0706
% RSD	29.49	32.35	1.436	143.4	21.72	46.01	101.0	14.96	12.35
Rep #1	1.224	.1425	-.1785	.3169	15.28	.1090	.0615	-.3037	.4955
Rep #2	1.864	.2817	-.1823	.2529	22.99	.2811	.0693	-.4108	.6351
Rep #3	2.268	.2248	-.1835	-.1000	22.92	.3034	-.0067	-.3609	.5834
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
24	QC: QC 03/12/2015 16:14:22 CONC D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.4015	.4139	.3848	.4076	.4063	.3838	.4056	.3987	.4296
Desv. Est.	.0038	.0034	.0029	.0042	.0041	.0024	.0031	.0016	.0040
% RSD	.9404	.8142	.7603	1.042	1.006	.6340	.7649	.3954	.9220
Rep #1	.3994	.4100	.3843	.4082	.4072	.3837	.4045	.3975	.4287
Rep #2	.4059	.4157	.3822	.4115	.4098	.3863	.4031	.3981	.4261
Rep #3	.3993	.4160	.3880	.4031	.4018	.3815	.4090	.4005	.4339
Comprobaci3n	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp	Pasa Comp
Valor									
Intervalo									
25	Unk: GISC15-22141 03/12/2015 16:14:58 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	5.229	.1816	<.0000	1.236	8.760	.5787	.0277	<.0000	1.155
Desv. Est.	1.352	.1174	.0040	.087	.182	.0117	.0325	.2629	.004
% RSD	25.85	64.65	2.145	7.061	2.079	2.015	117.1	82.50	.3920
Rep #1	5.705	.2380	-.1880	1.136	8.726	.5684	.0442	-.6222	1.151
Rep #2	3.704	.2603	-.1828	1.281	8.597	.5762	.0487	-.1669	1.160
Rep #3	6.279	.0467	-.1907	1.292	8.957	.5913	-.0097	-.1668	1.154
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
26	Unk: GISC15-22142 03/12/2015 16:17:44 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.169	.2570	<.0000	.3845	4.301	.5632	<.0000	<.0000	.6581
Desv. Est.	1.207	.3412	.0143	.3538	1.687	.3271	.0813	.0759	.4221
% RSD	103.3	132.8	6.901	92.02	39.22	58.09	212.7	30.00	64.13
Rep #1	.4111	-.1044	-.2047	.4541	4.340	.5473	-.1192	-.1860	.2080
Rep #2	.5349	.3017	-.2234	.0011	2.595	.2442	-.0390	-.3354	.7214
Rep #3	2.561	.5735	-.1952	.6984	5.967	.8980	.0435	-.2374	1.045
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
27	Unk: GISC15-22143 03/12/2015 16:20:15 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.976	.1314	<.0000	.5203	5.871	.6084	<.0000	<.0000	.5737
Desv. Est.	1.695	.1388	.0028	.1959	1.065	.1131	.0788	.0309	.3133

% RSD	85.76	105.6	1.463	37.65	18.14	18.59	2272.	9.902	54.60
Rep #1	3.906	.2627	-.1859	.7370	6.588	.6710	.0369	-.2858	.8385
Rep #2	.7288	-.0138	-.1870	.4680	6.378	.6764	.0470	-.3048	.6548
Rep #3	1.294	.1452	-.1911	.3558	4.647	.4778	-.0943	-.3463	.2279
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
28	Unk: GISC15-22181 03/12/2015 16:23:02 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.864	.1221	<.0000	2.929	8.939	.5356	.0347	<.0000	3.153
Desv. Est.	.137	.1911	.0109	.111	.423	.0247	.0320	.0745	.026
% RSD	7.340	156.6	5.516	3.771	4.735	4.612	92.31	54.91	.8241
Rep #1	1.905	-.0212	-.2031	3.014	9.413	.5557	.0015	-.1242	3.151
Rep #2	1.711	.3391	-.2029	2.804	8.805	.5430	.0654	-.2152	3.129
Rep #3	1.975	.0483	-.1842	2.969	8.598	.5080	.0372	-.0675	3.180
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
29	Unk: GISC15-22182 03/12/2015 16:26:04 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.681	.3241	<.0000	2.117	6.117	.7666	<.0000	<.0000	1.644
Desv. Est.	1.088	.2268	.0185	.166	.239	.0034	.0291	.1245	.098
% RSD	64.76	69.96	10.11	7.850	3.909	.4477	462.1	64.66	5.969
Rep #1	.4730	.2054	-.1616	1.963	5.843	.7694	-.0370	-.0715	1.588
Rep #2	1.983	.1815	-.1966	2.293	6.285	.7676	-.0026	-.3203	1.586
Rep #3	2.586	.5856	-.1892	2.095	6.222	.7628	.0208	-.1859	1.757
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
30	Unk: GISC15-22183 03/12/2015 16:28:20 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.075	.4406	<.0000	2.709	8.925	1.489	.0423	<.0000	2.839
Desv. Est.	.750	.0649	.0134	.154	.326	.153	.0472	.1546	.158
% RSD	36.14	14.73	7.352	5.676	3.652	10.28	111.5	56.91	5.571
Rep #1	2.227	.3860	-.1978	2.583	8.804	1.358	-.0112	-.1169	2.686
Rep #2	1.261	.4234	-.1774	2.665	8.677	1.452	.0605	-.2721	2.831
Rep #3	2.738	.5123	-.1725	2.881	9.294	1.657	.0777	-.4261	3.002
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
31	Unk: GISC15-22201 03/12/2015 16:30:52 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.148	.1464	<.0000	.5977	4.510	.4092	<.0000	<.0000	.4932
Desv. Est.	.347	.0491	.0194	.2439	1.498	.1188	.0838	.1119	.3743
% RSD	16.13	33.56	11.68	40.80	33.21	29.04	153.2	70.89	75.89

Rep #1	1.802	.1691	-.1501	.7438	5.734	.5322	.0213	-.1725	.8362
Rep #2	2.495	.1801	-.1603	.7331	4.955	.4006	-.0408	-.0393	.5495
Rep #3	2.148	.0900	-.1877	.3162	2.840	.2950	-.1446	-.2617	.0940
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
32	Unk: GISC15-22202 03/12/2015 16:33:08 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.632	<.0000	<.0000	.6838	6.599	.6092	<.0000	<.0000	1.014
Desv. Est.	1.313	.0543	.0149	.0735	.299	.0170	.0046	.0694	.015
% RSD	80.44	71.08	7.809	10.75	4.526	2.785	17.56	21.67	1.432
Rep #1	.5720	-.1175	-.1932	.7652	6.774	.6010	-.0299	-.3400	1.028
Rep #2	1.224	-.0149	-.2035	.6223	6.768	.5980	-.0276	-.3778	1.015
Rep #3	3.101	-.0967	-.1742	.6638	6.254	.6288	-.0211	-.2432	.9992
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
33	Unk: GISC15-22205 03/12/2015 16:35:44 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.694	.0334	<.0000	.8253	5.336	.5666	.0843	<.0000	1.171
Desv. Est.	.721	.1524	.0030	.1038	.309	.0205	.0622	.0873	.019
% RSD	42.52	456.6	1.573	12.57	5.799	3.622	73.83	43.05	1.660
Rep #1	2.429	.1930	-.1954	.8188	5.693	.5666	.1169	-.1126	1.180
Rep #2	1.665	-.1107	-.1905	.7249	5.160	.5871	.1234	-.2088	1.185
Rep #3	.9888	.0178	-.1899	.9321	5.154	.5461	.0125	-.2869	1.149
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
34	Unk: GISC15-22207 03/12/2015 16:38:05 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.445	.5864	<.0000	1.211	8.711	2.644	.0175	<.0000	2.710
Desv. Est.	1.647	.2073	.0112	.304	.471	.101	.0366	.0584	.072
% RSD	113.9	35.36	5.618	25.14	5.410	3.816	209.6	29.53	2.656
Rep #1	.1140	.4590	-.1882	.9685	9.244	2.726	.0502	-.1772	2.774
Rep #2	3.287	.8256	-.2106	1.553	8.539	2.674	.0242	-.1523	2.724
Rep #3	.9352	.4744	-.2000	1.112	8.350	2.531	-.0220	-.2635	2.632
Comprobaci3n	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno	Ninguno
Valor									
Intervalo									
35	Unk: GISC15-22208 03/12/2015 16:40:50 CONC x100 D MP-151203: GRANADA (UNAM):								
	Al3961	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
L3nea	396.152 { 85	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.005	.0205	<.0000	.8748	6.354	1.909	.0323	<.0000	2.095
Desv. Est.	1.019	.1839	.0111	.3581	.168	.026	.0262	.1201	.020
% RSD	50.83	898.0	5.984	40.93	2.651	1.350	80.97	51.90	.9501
Rep #1	.9888	.0565	-.1879	.6631	6.197	1.890	.0623	-.3443	2.118

1	Cal: Blanco 07/12/2015 09:15:49 IR D Hg-151207: GRANADA (UNAM):
	Hg1942
Unidades	Cts/s
Media	-1702
Desv. Est.	.8235
% RSD	483.9
Rep #1	.1194
Rep #2	-1.099
Rep #3	.4694
2	Cal: STD 1 07/12/2015 09:22:24 IR D Hg-151207: GRANADA (UNAM):
	Hg1942
Unidades	Cts/s
Media	45.75
Desv. Est.	3.38
% RSD	7.378
Rep #1	42.13
Rep #2	46.32
Rep #3	48.81
3	Cal: STD 2 07/12/2015 09:23:11 IR D Hg-151207: GRANADA (UNAM):
	Hg1942
Unidades	Cts/s
Media	141.7
Desv. Est.	8.1
% RSD	5.724
Rep #1	132.5
Rep #2	144.8
Rep #3	147.8
4	Cal: STD 3 07/12/2015 09:25:19 IR D Hg-151207: GRANADA (UNAM):
	Hg1942
Unidades	Cts/s
Media	210.1
Desv. Est.	16.7
% RSD	7.940
Rep #1	191.8
Rep #2	214.1
Rep #3	224.4
5	Cal: STD 4 07/12/2015 09:26:56 IR D Hg-151207: GRANADA (UNAM):
	Hg1942
Unidades	Cts/s
Media	410.1
Desv. Est.	43.5
% RSD	10.61
Rep #1	359.9
Rep #2	433.8
Rep #3	436.6
6	QC: QC 07/12/2015 09:35:10 CONC D Hg-151207: GRANADA (UNAM):
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0056
Desv. Est.	.0003

% RSD	5.922
Rep #1	.0053
Rep #2	.0057
Rep #3	.0059
Comprobación	Pasa Comp
Valor	
Intervalo	
7	Unk: REACTIVO 07/12/2015 09:36:48 CONC D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0014
Desv. Est.	.0001
% RSD	7.254
Rep #1	.0014
Rep #2	.0016
Rep #3	.0013
8	Unk: RECUPERACION 07/12/2015 09:37:51 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.4202
Desv. Est.	.0737
% RSD	17.55
Rep #1	.3452
Rep #2	.4228
Rep #3	.4926
9	Blanco: REACTIVO 07/12/2015 09:39:21 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0830
Desv. Est.	.0061
% RSD	7.369
Rep #1	.0874
Rep #2	.0856
Rep #3	.0760
10	Unk: GISC15-21822 07/12/2015 09:41:01 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0453
Desv. Est.	.0521
% RSD	114.9
Rep #1	.0144
Rep #2	-.0692
Rep #3	-.0811
11	Unk: GISC15-21822-R 07/12/2015 09:42:25 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0971

Desv. Est.	.0014
% RSD	1.402
Rep #1	-.0959
Rep #2	-.0968
Rep #3	-.0986
12	Unk: GISC15-21823 07/12/2015 09:44:04 CONC x100 D.H. 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1110
Desv. Est.	.0034
% RSD	3.093
Rep #1	-.1071
Rep #2	-.1135
Rep #3	-.1124
13	Unk: GISC15-21824 07/12/2015 09:45:22 CONC x100 D.H. 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1056
Desv. Est.	.0035
% RSD	3.354
Rep #1	-.1024
Rep #2	-.1094
Rep #3	-.1050
14	Unk: GISC15-22112 07/12/2015 09:46:55 CONC x100 D.H. 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1078
Desv. Est.	.0026
% RSD	2.411
Rep #1	-.1048
Rep #2	-.1095
Rep #3	-.1091
15	Unk: GISC15-22113 07/12/2015 09:48:37 CONC x100 D.H. 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1161
Desv. Est.	.0028
% RSD	2.402
Rep #1	-.1137
Rep #2	-.1192
Rep #3	-.1153
16	Unk: GISC15-22114 07/12/2015 09:49:51 CONC x100 D.H. 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1181
Desv. Est.	.0012
% RSD	1.045

Rep #1	-1174
Rep #2	-1173
Rep #3	-1195
17	Unk: GISC15-22133 07/12/2015 09:51:18 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1066
Desv. Est.	.0018
% RSD	1.651
Rep #1	-1057
Rep #2	-1087
Rep #3	-1056
18	Unk: GISC15-22134 07/12/2015 09:52:32 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1130
Desv. Est.	.0023
% RSD	2.041
Rep #1	-1116
Rep #2	-1117
Rep #3	-1156
19	Unk: GISC15-22135 07/12/2015 09:53:46 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1220
Desv. Est.	.0025
% RSD	2.015
Rep #1	-1247
Rep #2	-1213
Rep #3	-1199
20	Unk: GISC15-22141 07/12/2015 09:55:07 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1178
Desv. Est.	.0050
% RSD	4.228
Rep #1	-1120
Rep #2	-1208
Rep #3	-1205
21	QC: QC 07/12/2015 09:58:20 CONC D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0052
Desv. Est.	.0004
% RSD	7.748
Rep #1	.0048
Rep #2	.0053

Rep #3	.0055
Comprobación	Pasa Comp
Valor	
Intervalo	
22	Unk: GISC15-22142 07/12/2015 09:59:57 CONC x100 DUE-151207: GRANADA (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1128
Desv. Est.	.0017
% RSD	1.526
Rep #1	-.1115
Rep #2	-.1147
Rep #3	-.1120
23	Unk: GISC15-22143 07/12/2015 10:01:18 CONC x100 DUE-151207: GRANADA (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1162
Desv. Est.	.0015
% RSD	1.334
Rep #1	-.1144
Rep #2	-.1173
Rep #3	-.1168
24	Unk: GISC15-22181 07/12/2015 10:02:39 CONC x100 DUE-151207: GRANADA (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1258
Desv. Est.	.0030
% RSD	2.355
Rep #1	-.1285
Rep #2	-.1262
Rep #3	-.1226
25	Unk: GISC15-22182 07/12/2015 10:03:58 CONC x100 DUE-151207: GRANADA (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1207
Desv. Est.	.0045
% RSD	3.693
Rep #1	-.1201
Rep #2	-.1254
Rep #3	-.1165
26	Unk: GISC15-22183 07/12/2015 10:05:13 CONC x100 DUE-151207: GRANADA (UNAMA) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1217
Desv. Est.	.0017
% RSD	1.429
Rep #1	-.1207

Rep #2	-1237
Rep #3	-1207
27	Unk: GISC15-22201 07/12/2015 10:06:41 CONC x100 DIL: 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1173
Desv. Est.	.0042
% RSD	3.593
Rep #1	-1178
Rep #2	-1129
Rep #3	-1212
28	Unk: GISC15-22202 07/12/2015 10:07:57 CONC x100 DIL: 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1078
Desv. Est.	.0038
% RSD	3.508
Rep #1	-1115
Rep #2	-1080
Rep #3	-1040
29	Unk: GISC15-22205 07/12/2015 10:09:20 CONC x100 DIL: 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1182
Desv. Est.	.0008
% RSD	.6473
Rep #1	-1174
Rep #2	-1189
Rep #3	-1184
30	Unk: GISC15-22207 07/12/2015 10:10:42 CONC x100 DIL: 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1130
Desv. Est.	.0020
% RSD	1.762
Rep #1	-1123
Rep #2	-1152
Rep #3	-1115
31	Unk: GISC15-22208 07/12/2015 10:11:58 CONC x100 DIL: 151207: GRANADA (UNAM) Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-1175
Desv. Est.	.0014
% RSD	1.181
Rep #1	-1180
Rep #2	-1159
Rep #3	-1186

32	Unk: GISC15-22208-R 07/12/2015 10:13:15 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1171
Desv. Est.	.0037
% RSD	3.187
Rep #1	-.1130
Rep #2	-.1202
Rep #3	-.1182
33	QC: QC 07/12/2015 10:15:43 CONC D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0054
Desv. Est.	.0006
% RSD	11.37
Rep #1	.0057
Rep #2	.0057
Rep #3	.0047
Comprobación	Pasa Comp
Valor	
Intervalo	
34	Unk: GISC15-22209 07/12/2015 10:17:03 CONC x100 D Hg-151207: GRANADA (UNAM): Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.1114
Desv. Est.	.0024
% RSD	2.148
Rep #1	-.1110
Rep #2	-.1092
Rep #3	-.1139

CONTENIDO

VARIOS

- 1.1 Informes de resultados de prueba**
- 1.2 Curva de calibración**
- 1.3 Evaluación de muestras de control de calidad**
- 1.4 Datos crudos de lote analítico**



GRUPO INTEGRAL DE SERVICIOS FITOSANITARIOS ENA S.A. DE C.V.
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Número de acreditación No. SA-159-005/11
Vigencia de acreditación a partir de 2011-05-10
"Acreditación otorgada bajo la norma NMX-EC-17025-IMNC-2006/ISO/IEC 17025:2005
Requisitos generales para la competencia de laboratorios de ensayo y calibración".

INFORME DE RESULTADOS DE PRUEBA

DATOS DE LA MUESTRA

Matriz: VEGETALES (varios)
Fecha de Recepción: 2015-10-15

INTERESADO

Nombre : Laboratorio Nacional de las Ciencias de la Sostenibilidad; Instituto de Ecología-UNAM
Dirección: Av. Universidad No. 3000, Col. UNAM, CU, Del. Coyoacán, Distrito Federal, CP 04510

DATOS DEL ANÁLISIS

Método: Determinación de metales y metaloides en agua y alimentos por Espectrometría de Emisión de Plasma de Acoplamiento Inductivo (ICP-OES)
Referencia: EPA 6010C-2007
Resultados: Ver hoja excell2015/10/15 (2)
Fecha de analisis Metales y Mercurio: 2015-10-30 2015-10-30
Fecha de Realización del Informe: 2015-10-30

IDENTIFICACIÓN CLIENTE

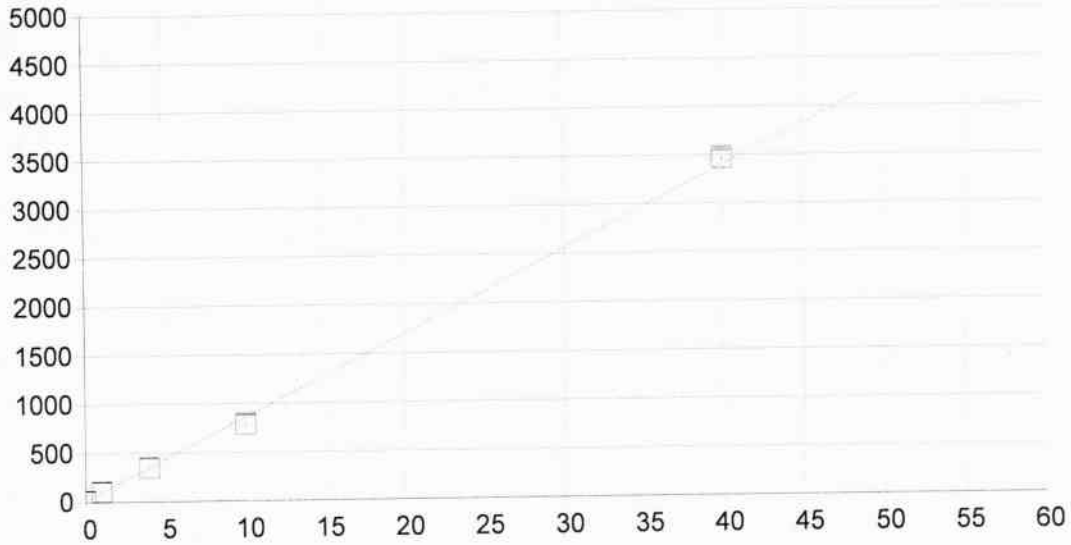
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L-1045/15/0447
L-1046/15/0459
L-1047/15/0462
L-1070/15/0696
L-1074/15/0732

CLAVE DE IDENTIFICACIÓN

GISC15-20281
GISC15-20297
GISC15-20327
GISC15-20362
GISC15-20363
GISC15-20364
GISC15-20365
GISC15-20366
GISC15-20369
GISC15-20370
GISC15-20406
GISC15-20417

REVISÓ

Q.F.B. Leticia Velázquez Méndez
Gerente Técnico

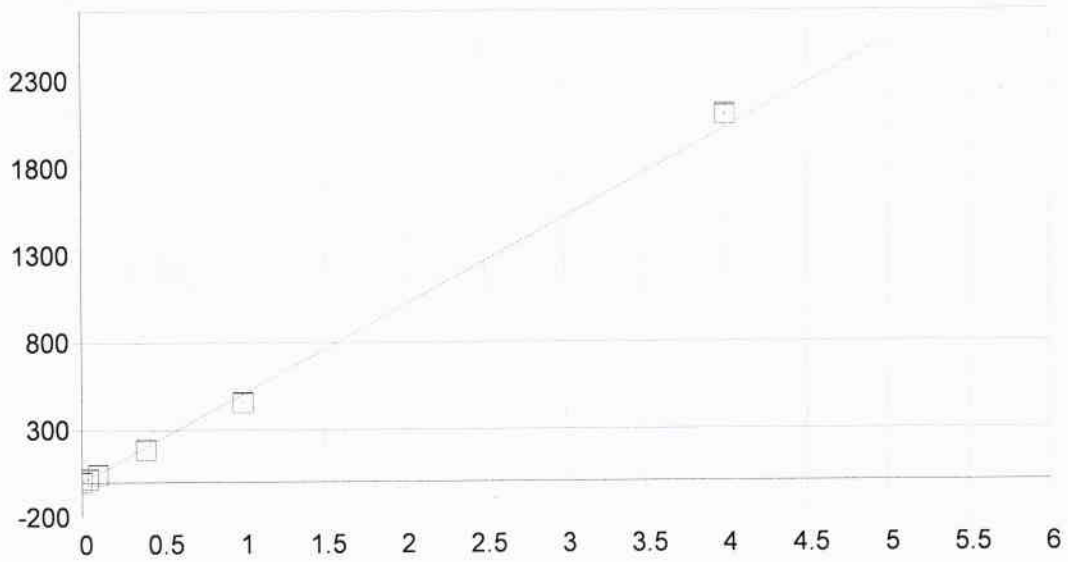


AI 308.215 {109}

Fecha de la 30/10/2015 14:04:49 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 10.781259 Reajustar P 1.000000
 A1 (Ganancia) 84.715218 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999139 Estatus: OK.
 Error Estándar de Est: 1.063942
 MDL: 0.072283
 MQL: 0.240942

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00003	-.000	.000	10.778	5.31	1
STD 6	1.0000	1.1071	.107	10.7	104.57	4.00	1
STD 7	4.0000	3.9655	-.034	-.862	346.72	5.91	1
STD 8	10.000	9.1712	-.829	-8.29	787.72	8.65	1
STD 9	40.000	40.756	.756	1.89	3463.5	19.2	1

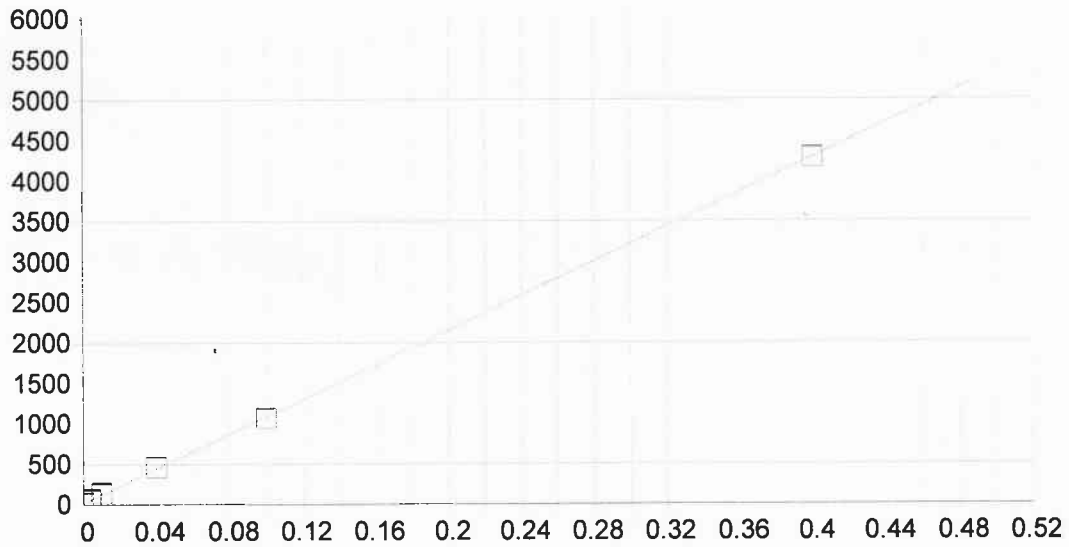


As 189.042 {478}

Fecha de la 30/10/2015 14:04:56 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): -0.256146 Reajustar P 1.000000
 A1 (Ganancia) 506.325013 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.998147 ✓ Estatus: OK.
 Error Estándar de Est: 0.562331
 MDL: 0.001621
 MQL: 0.005404

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	-.24860	1.18	1
STD 4	.10000	.08663	-.013	-13.4	43.607	.733	1
STD 5	.40000	.36692	-.033	-8.27	185.53	1.14	1
STD 6	1.0000	.89973	-.100	-10.0	455.30	1.40	1
STD 7	4.0000	4.1505	.150	3.76	2101.2	6.30	1
STD 3	.04000	.03626	-.004	-9.34	18.105	.777	1

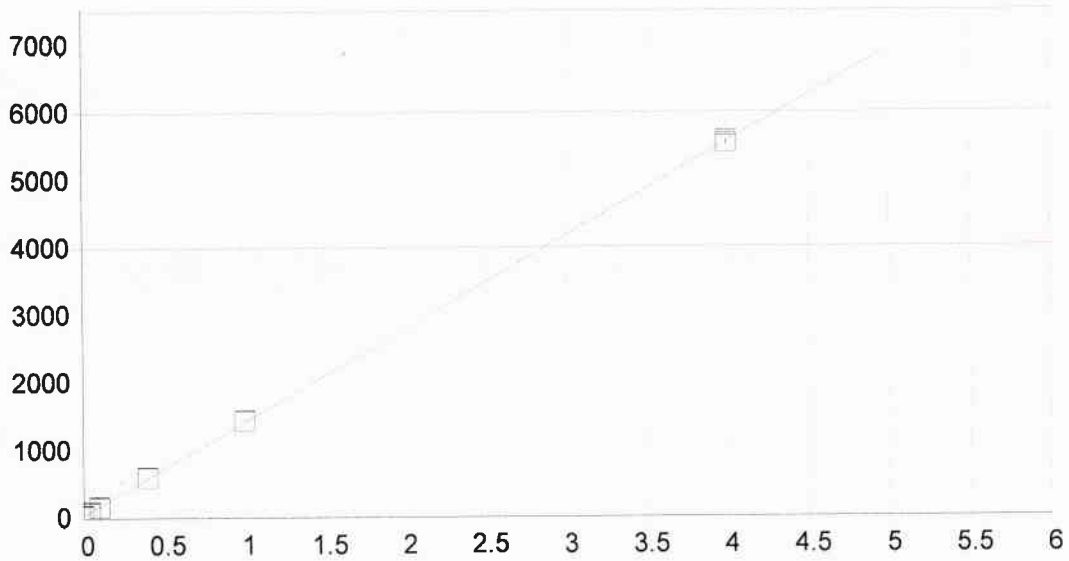


Cd 226.502 (449)

Fecha de la 30/10/2015 14:05:00 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 19.352085 Reajustar P 1.000000
 A1 (Ganancia) 10666.40868 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999782 Estatus: OK.
 Error Estándar de Est: 0.405646
 MDL: 0.000100
 MQL: 0.000333

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00000	-.000	.000	19.348	3.98	1
STD 1	.00400	.00390	-.000	-2.55	60.931	10.4	1
STD 2	.01000	.01116	.001	11.6	138.42	8.67	1
STD 3	.04000	.04149	.001	3.73	461.93	2.63	1
STD 4	.10000	.09782	-.002	-2.18	1062.7	3.20	1
STD 5	.40000	.39963	-.000	-.093	4281.9	.768	1

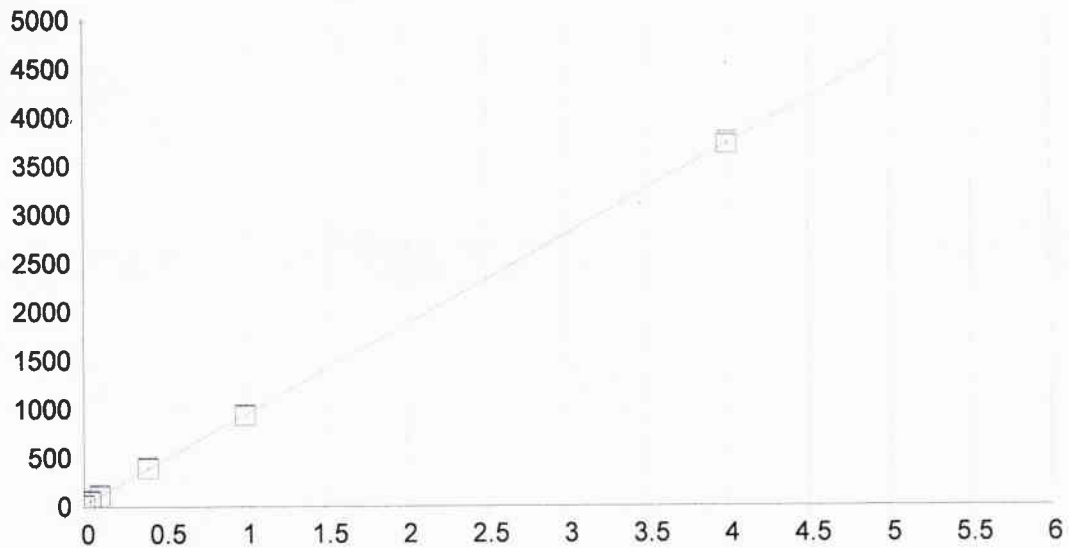


Cu 324.754 {104}

Fecha de la 30/10/2015 14:04:24 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 36.846262 Reajustar P 1.000000
 A1 (Ganancia) 1379.881046 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999862 Estatus: OK.
 Error Estándar de Est: 0.417308
 MDL: 0.003524
 MQL: 0.011747

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	36.853	4.57	1
STD 5	.40000	.40925	.009	2.31	601.56	3.25	1
STD 6	1.0000	1.0146	.015	1.46	1436.9	1.36	1
STD 7	4.0000	3.9881	-.012	-.297	5540.0	38.8	1
STD 3	.04000	.03751	-.002	-6.21	88.612	12.7	1
STD 4	.10000	.09047	-.010	-9.53	161.68	5.04	1

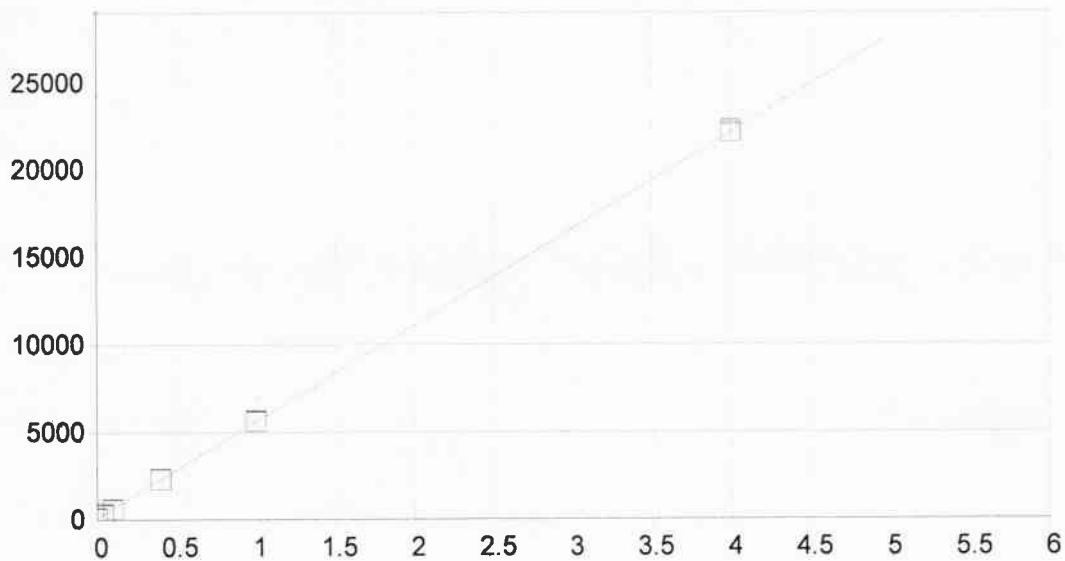


Fe 259.940 {130}

Fecha de la 30/10/2015 14:04:24 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 18.662838 Reajustar P 1.000000
 A1 (Ganancia) 928.379831 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999917 Estatus: OK.
 Error Estándar de Est: 0.218342
 MDL: 0.002648
 MQL: 0.008828

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	-.00001	-.000	.000	18.657	1.29	1
STD 5	.40000	.40728	.007	1.82	396.78	5.74	1
STD 6	1.0000	.99249	-.008	-.751	940.07	6.32	1
STD 3	.04000	.04476	.005	11.9	60.220	5.98	1
STD 4	.10000	.10385	.004	3.85	115.08	10.1	1
STD 7	4.0000	3.9916	-.008	-.210	3724.4	19.4	1

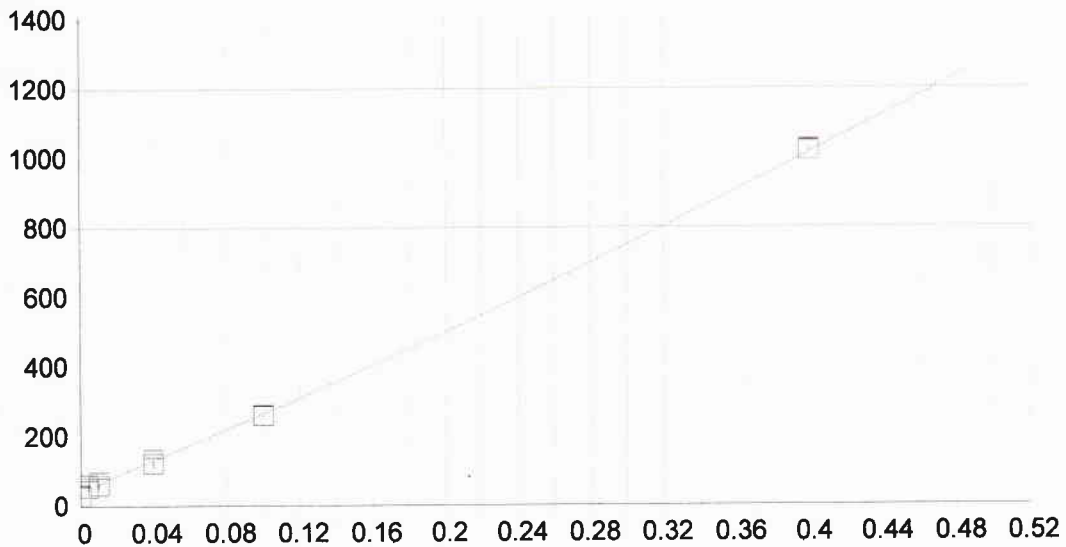


Mn 257.610 {131}

Fecha de la 30/10/2015 14:04:24 Tipo de unió Lineal Ponderación: 1/Conc

A0 (Compensación): 89.749431 Reajustar P 1.000000
 A1 (Ganancia) 5509.282324 Y-int: 0.000000
 A2 (Curvatura): 0.000000
 n (Exponente): 1.000000
 Correlación: 0.999889 Estatus: OK.
 Error Estándar de Est: 1.495355
 MDL: 0.000479
 MQL: 0.001598

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	89.783	8.01	1
STD 5	.40000	.40307	.003	.769	2310.4	8.03	1
STD 6	1.0000	1.0065	.006	.648	5634.7	27.4	1
STD 3	.04000	.03717	-.003	-7.08	294.53	42.0	1
STD 4	.10000	.09020	-.010	-9.80	586.68	3.82	1
STD 7	4.0000	4.0031	.003	.077	22144.	130.	1

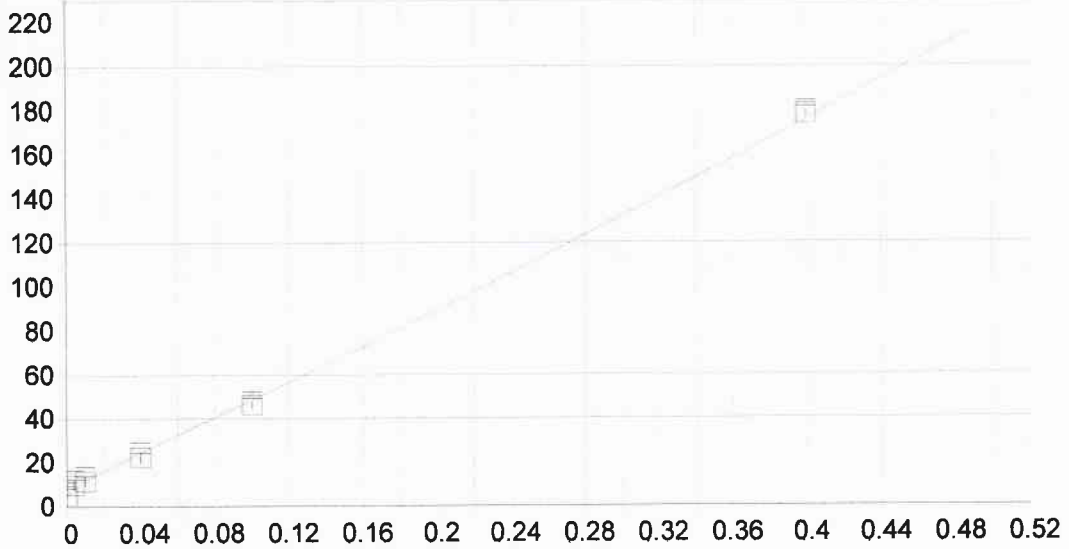


Ni 231.604 (446)

Fecha de la 30/10/2015 14:06:46 Tipo de unió Ajuste Compl Ponderación: 1/Conc

A0 (Compensación): 30.171500 Reajustar P 1.000000
 A1 (Ganancia) 550.843193 Y-int: 0.000000
 A2 (Curvatura): 2236.906815
 n (Exponente): 0.650000
 Correlación: 0.997801 Estatus: Aviso Curvatura Positiva
 Error Estándar de Est: 0.424778
 MDL: 0.002329
 MQL: 0.007764

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	30.167	2.57	1
STD 1	.00400	.00636	.002	58.9	53.852	7.87	1
STD 2	.01000	.00866	-.001	-13.4	59.975	8.91	1
STD 3	.04000	.03590	-.004	-10.3	123.13	10.9	1
STD 4	.10000	.09768	-.002	-2.32	260.37	.771	1
STD 5	.40000	.40275	.003	.688	1021.0	2.96	1



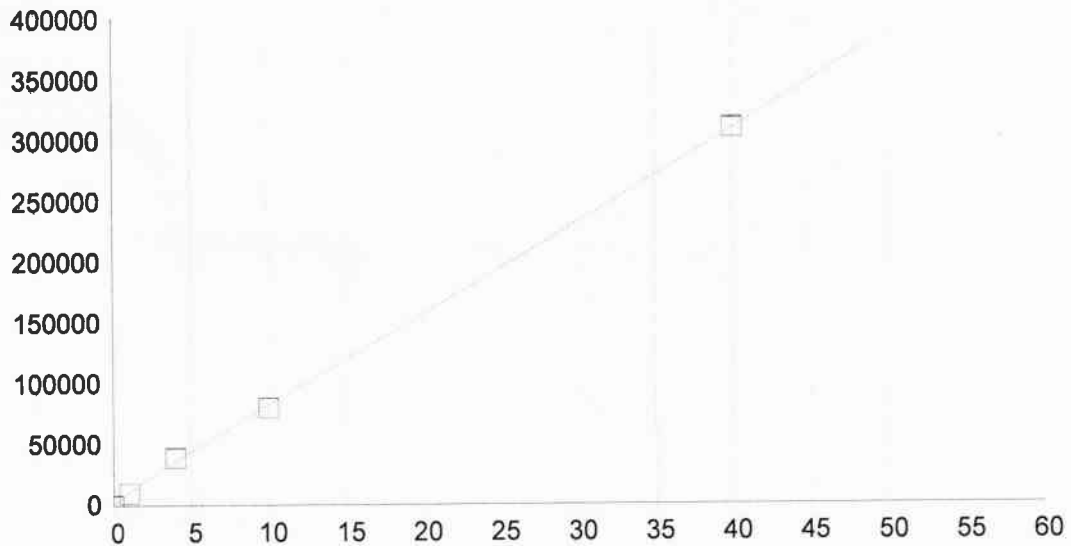
Pb 220.353 (453)

Fecha de la 30/10/2015 14:07:10

Tipo de unió Ajuste Compl Ponderación: 1/Conc

A0 (Compensación): 5.145360 Reajustar P 1.000000
 A1 (Ganancia) 100.147244 Y-int: 0.000000
 A2 (Curvatura): 363.145372
 n (Exponente): 0.630000
 Correlación: 0.997169 Estatus: Aviso Curvatura Positiva
 Error Estándar de Est: 0.085963
 MDL: 0.013520
 MQL: 0.045066

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	5.1444	1.53	1
STD 1	.00400	.00630	.002	57.6	9.8731	2.09	1
STD 2	.01000	.00977	-.000	-2.27	11.635	2.23	1
STD 3	.04000	.03445	-.006	-13.9	22.353	2.47	1
STD 4	.10000	.09418	-.006	-5.82	46.255	1.44	1
STD 5	.40000	.40560	.006	1.40	178.35	1.38	1

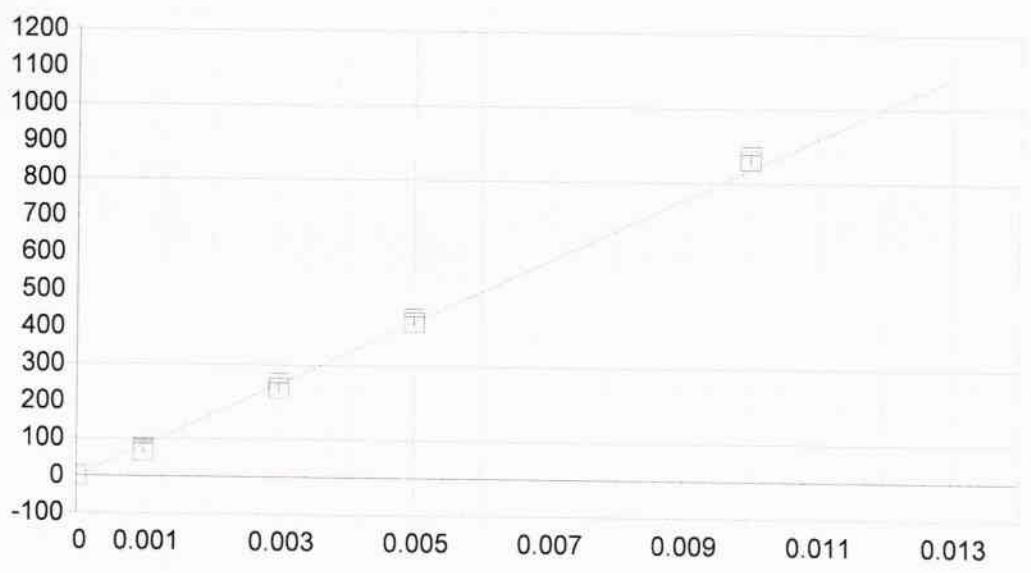


Zn 213.856 (458)

Fecha de la 30/10/2015 14:07:01 Tipo de unió Ajuste Compl Ponderación: 1/Conc

A0 (Compensación): 121.195988 Reajustar P 1.000000
 A1 (Ganancia) 10555.71356 Y-int: 0.000000
 A2 (Curvatura): 78.852371
 n (Exponente): 0.870000
 Correlación: 0.999538 Estatus: Aviso Curvatura Positiva
 Error Estándar de Est: 127.443087
 MDL: 0.000111
 MQL: 0.000369

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00001	.000	.000	121.53	12.6	1
STD 6	1.0000	.91419	-.086	-8.58	9951.8	13.5	1
STD 7	4.0000	4.3527	.353	8.82	39090.	123.	1
STD 8	10.000	9.6762	-.324	-3.24	80255.	132.	1
STD 9	40.000	40.053	.053	.134	310270.	557.	1



Hg 194.227 {474}

Fecha de la	30/10/2015 19:50:21	Tipo de unió	Lineal	Ponderación:	1/Conc
A0 (Compensación):	-1.131031	Reajustar P	1.000000		
A1 (Ganancia)	83544.62322	Y-int:	0.000000		
A2 (Curvatura):	0.000000				
n (Exponente):	1.000000				
Correlación:	0.998584	Estatus:	OK.		
Error Estándar de Est:	0.791916				
MDL:	0.000021				
MQL:	0.000069				

Nombre Est.	Conc. Establecida	Conc. Encontrada	Diferencia	% Dif.	(S)IR:	Desv. Est.	Énfasis
Blanco	.00000	.00000	.000	.000	-1.1139	.273	1
STD 1	.00100	.00081	-.000	-19.4	66.210	6.57	1
STD 2	.00300	.00287	-.000	-4.48	238.28	12.6	1
STD 3	.00500	.00501	.000	.143	417.19	9.79	1
STD 4	.01000	.01032	.000	3.21	861.15	11.4	1



Análisis: **METALES PESADOS POR ICP-OES**
 Lote analítico: **DMP-VARIOS-151030**
 Fecha de Análisis: **30/10/2015**
 Fecha de Reporte: **30/10/2015**

CONCENTRACIONES DE LAS CURVAS DE CALIBRACION.

DESCRIPCIÓN	CONCENTRACION mg/L									
	Al	As	Cd	Cu	Fe	Mn	Ni	Pb	Zn	Hg
NIVEL 1			0.004				0.004	0.004		0.0010
NIVEL 2			0.010				0.010	0.010		0.0030
NIVEL 3		0.040	0.040	0.040	0.040	0.040	0.040	0.040		0.0050
NIVEL 4		0.100	0.100	0.100	0.100	0.100	0.100	0.100		0.0100
NIVEL 5		0.400	0.400	0.400	0.400	0.400	0.400	0.400		
NIVEL 6	1.000	1.000		1.000	1.000	1.000			1.000	
NIVEL 7	4.000	4.000		4.000	4.000	4.000			4.000	
NIVEL 8	10.000								10.000	
NIVEL 9	40.000								40.000	
Correlación	0.9991	0.9981	0.9997	0.9998	0.9999	0.9998	0.9978	0.9971	0.9995	0.9985

EVALUACIÓN DE LAS MUESTRAS DE CONTROL DE CALIDAD

No. ¹	Identificación	Analito	Concentración mg/L		% Recobro ²	No. ¹	Identificación	Analito	Concentración mg/Kg		% Recobro ²	
			Teórica	Práctica					Teórica	Práctica		
24	QC: QC-3	Cadmio	0.0400	0.0350	88	27.1	Recuperación	Aluminio	40.0000	39.7200	99	
		Niquel	0.0400	0.0363	91			Arsénico	40.0000	40.7100	102	
		Plomo	0.0400	0.0365	91			Cadmio	40.0000	41.0800	103	
25	QC: QC-5	Arsenico	0.4000	0.4212	105			Cobre	40.0000	42.4500	106	
		Cobre	0.4000	0.3705	93			Hierro	40.0000	41.4500	104	
		Hierro	0.4000	0.4228	106			Manganeso	40.0000	41.7900	104	
		Manganeso	0.4000	0.3751	94			Niquel	40.0000	41.3000	103	
26	QC: QC-7	Alumimio	4.0000	3.9230	98			Plomo	40.0000	40.9000	102	
		Zinc	4.0000	4.0040	100			Zinc	40.0000	41.4000	104	
					8			Recuperación	Mercurio	0.5	0.5359	107

¹ NÚMERO EN LA HOJA DE RESULTADOS EMITIDA POR EL EQUIPO ICP-OES

² REFERENCIA: GUIAS TÉCNICA DE TRAZABILIDAD E INCERTIDUMBRE, CENAM-ema, NOV.2012, PARA % DE RECOBRO (80-120%)

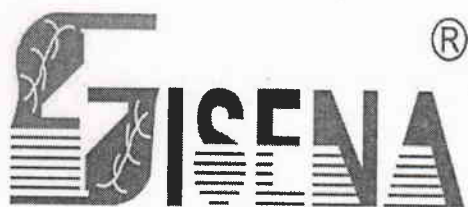
I.B.I. Gaudencio Vargas Espejel

I.B.I. Gaudencio Vargas Espejel
ELABORÓ

Q.F.B. Leticia Velázquez Méndez

Q.F.B. Leticia Velázquez Méndez
REVISÓ

PACE/GIS/102-F01



Residuos Tóxicos

Hoja de Trabajo (Preparación) -Metales y Metaloides-(2)

Clave	Matriz	Tejido	Fecha de Recepción	Peso de muestra (g)	
				Metales	Hg
GISC15-20281	Vegetales	Calabaza	15/10/2015	0.5003	0.5021
GISC15-20297	Vegetales	Calabaza	15/10/2015	0.5004	0.5012
GISC15-20327	Vegetales	Naranja	15/10/2015	0.5007	0.5016
GISC15-20362	Vegetales	Naranja	15/10/2015	0.5011	0.5055
GISC15-20363	Vegetales	Naranja	15/10/2015	0.5019	0.5060
GISC15-20364	Vegetales	Higo	15/10/2015	0.5027	0.5075
GISC15-20365	Vegetales	Naranja	15/10/2015	0.5036	0.5072
GISC15-20366	Vegetales	Pera	15/10/2015	0.5041	0.5063
GISC15-20369	Vegetales	Calabaza	15/10/2015	0.5051	0.5057
GISC15-20370	Vegetales	Nopal	15/10/2015	0.5053	0.5076
GISC15-20406	Vegetales	Sandía	15/10/2015	0.5055	0.5071
GISC15-20417	Vegetales	Naranja	15/10/2015	0.5066	0.5077

P.A. Leticia Velazquez Méndez

I.B.T. Reyna Ivette Delgado

Q.F.B. Leticia Velazquez Méndez

1	Cal: Blanco 30/10/2015 12:57:27 IR DMP151030: FRUTAS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	
Media	6.320	-2574	104.7	25.34	12.36	51.92	24.90	4.361	104.3	
Desv. Est.	1.826	.5607	7.5	1.15	1.01	1.95	.86	.383	7.5	
% RSD	28.90	217.8	7.193	4.552	8.143	3.757	3.445	8.784	7.223	
Rep #1	8.270	.3900	108.9	26.67	13.49	54.05	25.36	3.927	107.6	
Rep #2	4.650	-.5746	95.96	24.74	11.56	51.48	23.91	4.651	95.67	
Rep #3	6.040	-.5876	109.1	24.62	12.03	50.23	25.42	4.504	109.6	
2	Cal: STD 1 30/10/2015 13:04:22 IR DMP151030: FRUTAS:									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	243.8	53.85	9.873							
Desv. Est.	41.5	7.87	2.095							
% RSD	17.02	14.61	21.22							
Rep #1	283.3	61.56	11.72							
Rep #2	200.6	45.83	7.599							
Rep #3	247.4	54.16	10.30							
3	Cal: STD 2 30/10/2015 13:06:36 IR DMP151030: FRUTAS:									
	Cd2265	Ni2316	Pb2203							
Línea	226.502 {44	231.604 {44	220.353 {45							
Unidades	Cts/s	Cts/s	Cts/s							
Media	268.1	59.98	11.64							
Desv. Est.	44.4	8.91	2.23							
% RSD	16.57	14.86	19.20							
Rep #1	222.6	50.78	9.181							
Rep #2	311.3	68.58	13.55							
Rep #3	270.4	60.57	12.17							
4	Cal: STD 3 30/10/2015 13:08:49 IR DMP151030: FRUTAS:									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	16.02	564.3	88.61	60.22	294.5	123.1	22.35			
Desv. Est.	.41	52.9	12.74	5.98	42.0	10.9	2.47			
% RSD	2.580	9.379	14.37	9.938	14.27	8.837	11.06			
Rep #1	16.27	598.5	90.08	56.82	307.0	130.2	23.18			
Rep #2	16.24	591.0	100.6	67.13	328.9	128.6	24.31			
Rep #3	15.54	503.3	75.20	56.71	247.7	110.6	19.57			
5	Cal: STD 4 30/10/2015 13:11:01 IR DMP151030: FRUTAS:									
	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203			
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	41.76	1227.	161.7	115.1	586.7	260.4	46.26			
Desv. Est.	1.06	3.	5.0	10.1	3.8	.8	1.43			
% RSD	2.528	.2610	3.115	8.739	.6509	.2963	3.102			
Rep #1	41.17	1229.	163.1	110.0	589.0	259.5	45.03			
Rep #2	41.14	1223.	156.1	108.6	588.8	260.8	45.90			
Rep #3	42.98	1229.	165.8	126.7	582.3	260.9	47.83			
6	Cal: STD 5 30/10/2015 13:13:25 IR DMP151030: FRUTAS:									

	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203		
Línea	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45		
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s		
Media	171.8	4860.	601.6	396.8	2310.	1021.	178.4		
Desv. Est.	.4	11.	3.3	5.7	8.	3.	1.4		
% RSD	.2242	.2278	.5403	1.446	.3475	.2896	.7761		
Rep #1	171.6	4854.	601.4	393.0	2304.	1018.	179.7		
Rep #2	171.5	4853.	598.4	393.9	2308.	1021.	178.5		
Rep #3	172.2	4873.	604.9	403.4	2319.	1024.	176.9		
7	Cal: STD 6 30/10/2015 13:15:33 IR DMP151030: FRUTAS:								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	109.4	445.4	1437.	940.1	5635.	9952.			
Desv. Est.	3.3	2.1	1.	6.3	27.	14.			
% RSD	2.986	.4773	.0950	.6727	.4864	.1360			
Rep #1	113.2	447.7	1436.	937.7	5650.	9964.			
Rep #2	107.8	443.6	1438.	947.2	5603.	9954.			
Rep #3	107.3	444.8	1437.	935.3	5651.	9937.			
8	Cal: STD 7 30/10/2015 13:17:32 IR DMP151030: FRUTAS:								
	Al3082	As1890	Cu3247	Fe2599	Mn2576	Zn2138			
Línea	308.215 {10	189.042 {47	324.754 {10	259.940 {13	257.610 {13	213.856 {45			
Unidades	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s	Cts/s			
Media	393.1	1834.	5405.	3770.	21940.	39790.			
Desv. Est.	2.5	4.	39.	24.	110.	48.			
% RSD	.6437	.2315	.7146	.6378	.5018	.1201			
Rep #1	393.3	1830.	5419.	3760.	21950.	39750.			
Rep #2	390.5	1838.	5362.	3753.	21820.	39840.			
Rep #3	395.5	1833.	5435.	3798.	22040.	39800.			
9	Cal: STD 8 30/10/2015 13:20:16 IR DMP151030: FRUTAS:								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							
Unidades	Cts/s	Cts/s							
Media	798.2	76670.							
Desv. Est.	3.5	168.							
% RSD	.4396	.2193							
Rep #1	799.8	76840.							
Rep #2	800.7	76640.							
Rep #3	794.2	76510.							
10	Cal: STD 9 30/10/2015 13:21:03 IR DMP151030: FRUTAS:								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							
Unidades	Cts/s	Cts/s							
Media	3831.	310300.							
Desv. Est.	16.	557.							
% RSD	.4225	.1796							
Rep #1	3833.	309900.							
Rep #2	3846.	310900.							
Rep #3	3814.	310000.							
11	Blanco: REACTIVO 30/10/2015 13:22:46 CONC DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45

Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	.0772	.0019	.0047	.0027	.0169	.0033	.005		
Desv. Est.	.0224	.0016	.0013	.0031	.0032	.0031	.001		
% RSD	29.00	84.10	27.08	114.4	18.73	94.96	30.0		
Rep #1	.0546	.0019	.0032	.0061	.0201	.0068	.003		
Rep #2	.0777	.0003	.0056	.0023	.0138	.0010	.006		
Rep #3	.0993	.0034	.0053	-.0001	.0167	.0020	.005		
12	Unk: GISC15-20281 30/10/2015 13:25:07 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	-1.034	-2.740	-1.040	-6.116	4.404	-6.993	-7.690	-1.550	1.536
Desv. Est.	4.374	.1575	.011	.0961	.289	.0349	.0118	.323	.025
% RSD	423.0	57.47	1.072	15.71	6.554	4.990	1.532	20.81	1.659
Rep #1	-.3100	-.2267	-1.042	-.7115	4.230	-.7030	-.7614	-1.849	1.511
Rep #2	-5.725	-.4498	-1.049	-.6035	4.245	-.7321	-.7826	-1.593	1.535
Rep #3	2.933	-.1457	-1.028	-5.199	4.737	-.6626	-.7631	-1.208	1.562
13	Unk: GISC15-20297 30/10/2015 13:28:24 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.953	-.3806	-.9292	-.3565	4.220	-.3543	-.6355	-1.516	1.836
Desv. Est.	3.715	.2733	.0497	.2149	.402	.0456	.0906	.169	.043
% RSD	125.8	71.80	5.344	60.29	9.519	12.89	14.25	11.17	2.324
Rep #1	2.743	-.4641	-.9859	-.1687	4.424	-.3225	-.7392	-1.444	1.787
Rep #2	-.6527	-.0753	-.8937	-.5909	4.480	-.3337	-.5960	-1.395	1.865
Rep #3	6.769	-.6024	-.9079	-.3099	3.758	-.4066	-.5714	-1.709	1.856
14	Unk: GISC15-20327 30/10/2015 13:30:57 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	17.29	-.8658	-1.024	-.8813	3.963	-1.188	-.7959	-1.714	.6847
Desv. Est.	4.08	.1099	.014	.2184	.089	.019	.0592	.173	.0207
% RSD	23.58	12.70	1.410	24.78	2.241	1.575	7.443	10.08	3.022
Rep #1	12.89	-.9879	-1.026	-.7123	3.868	-1.207	-.8575	-1.652	.6609
Rep #2	18.03	-.7748	-1.038	-.8038	3.975	-1.169	-.7394	-1.581	.6944
Rep #3	20.95	-.8346	-1.009	-1.128	4.044	-1.188	-.7908	-1.910	.6988
15	Unk: GISC15-20362 30/10/2015 13:32:49 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.361	-1.006	-.9293	-.9590	4.082	-.7347	-.7329	-2.013	.3756
Desv. Est.	4.494	.141	.0211	.2559	.269	.0163	.0615	.317	.0158
% RSD	70.65	13.98	2.270	26.68	6.589	2.222	8.394	15.75	4.208
Rep #1	2.070	-.9230	-.9120	-1.253	3.787	-.7312	-.7016	-1.772	.3922
Rep #2	11.03	-1.168	-.9229	-.8344	4.146	-.7205	-.6932	-2.372	.3740
Rep #3	5.980	-.9268	-.9528	-.7894	4.314	-.7525	-.8037	-1.895	.3607
16	Unk: GISC15-20363 30/10/2015 13:35:17 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.184	-1.016	-.9469	-1.055	5.431	-.9333	-.7047	-1.654	-.1281

Desv. Est.	3.709	.144	.0437	.232	.196	.0197	.0451	.117	.0680
% RSD	169.8	14.17	4.613	22.03	3.617	2.114	6.402	7.055	53.07
Rep #1	3.594	-1.004	-.9949	-.8048	5.287	-.9508	-.7536	-1.771	-.2021
Rep #2	4.983	-1.166	-.9361	-1.264	5.351	-.9372	-.6648	-1.538	-.1139
Rep #3	-2.023	-.8783	-.9096	-1.096	5.654	-.9119	-.6956	-1.652	-.0684
17	Unk: GISC15-20364 /30/10/2015 13:38:09 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.131	-6.406	-.9449	-1.035	1.767	-1.225	-.8278	-1.662	-.3239
Desv. Est.	2.189	.5573	.0400	.327	2.922	.163	.1071	.045	.7011
% RSD	35.70	86.98	4.238	31.61	165.4	13.33	12.94	2.739	216.4
Rep #1	8.164	.0024	-.9018	-1.400	-1.607	-1.412	-.9515	-1.611	-1.133
Rep #2	3.814	-.9819	-.9520	-.9399	3.475	-1.108	-.7676	-1.679	.0887
Rep #3	6.414	-.9425	-.9809	-.7663	3.433	-1.157	-.7643	-1.697	.0730
18	Unk: GISC15-20365 /30/10/2015 13:42:08 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	2.013	-1.069	-.9953	-.7501	3.248	-.8675	-.8289	-1.697	-.0773
Desv. Est.	2.821	.184	.0155	.3326	.022	.0736	.0341	.040	.0265
% RSD	140.1	17.22	1.557	44.34	.6918	8.486	4.120	2.352	34.28
Rep #1	5.129	-1.259	-1.013	-1.047	3.241	-.8667	-.8614	-1.700	-.1077
Rep #2	1.275	-1.055	-.9868	-.3906	3.229	-.9416	-.8319	-1.735	-.0645
Rep #3	-.3651	-.8918	-.9860	-.8128	3.273	-.7943	-.7933	-1.655	-.0595
19	Unk: GISC15-20366 /30/10/2015 13:46:43 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.751	-1.135	-.9926	-1.074	1.877	-1.383	-.7981	-1.906	.8145
Desv. Est.	4.224	.070	.0130	.265	.111	.048	.0140	.244	.0089
% RSD	112.6	6.168	1.308	24.65	5.928	3.439	1.751	12.80	1.091
Rep #1	-.3100	-1.069	-.9785	-1.357	1.806	-1.438	-.8102	-1.935	.8085
Rep #2	8.121	-1.209	-.9953	-1.031	1.819	-1.360	-.8013	-2.135	.8247
Rep #3	3.441	-1.127	-1.004	-.8333	2.005	-1.352	-.7828	-1.649	.8103
20	Unk: GISC15-20369 /30/10/2015 13:48:23 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	6.418	-.3128	-1.015	-.8825	3.658	-.0839	-.8157	-1.788	2.152
Desv. Est.	4.340	.0631	.006	.3148	.333	.0280	.0277	.171	.014
% RSD	67.63	20.17	.5888	35.67	9.108	33.37	3.397	9.561	.6521
Rep #1	8.360	-.2564	-1.018	-.8243	3.766	-.0587	-.8307	-1.684	2.140
Rep #2	9.449	-.3010	-1.008	-1.222	3.925	-.0791	-.7837	-1.985	2.149
Rep #3	1.446	-.3809	-1.019	-.6010	3.285	-.1141	-.8327	-1.694	2.167
21	Unk: GISC15-20370 /30/10/2015 13:50:40 CONC x100 DMP151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	4.913	-1.027	-1.045	-.1671	6.442	8.414	-.7018	-1.818	1.969
Desv. Est.	3.406	.121	.010	.2831	.402	.080	.0264	.103	.037
% RSD	69.32	11.82	.9994	169.4	6.240	.9506	3.765	5.692	1.858

Rep #1	6.006	-1.007	-1.043	-.1658	6.054	8.311	-.7345	-1.749	1.938
Rep #2	1.136	-1.158	-1.059	-.4658	6.858	8.447	-.6817	-1.796	1.931
Rep #3	7.695	-.9177	-1.062	.1001	6.454	8.452	-.7093	-1.947	1.998
22	Unk: GISC15-20406 30/10/2015 13:53:26 CONC x100 DMP 151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	3.151	-.7360	-1.042	-.4659	4.819	-.6645	-.8390	-1.701	.7604
Desv. Est.	3.775	.2818	.006	.4058	.147	.0263	.0401	.229	.0081
% RSD	119.8	38.29	.5465	87.09	3.049	3.953	4.777	13.46	1.062
Rep #1	-1.207	-.6778	-1.046	-.4806	4.919	-.6927	-.8483	-1.944	.7527
Rep #2	5.401	-1.042	-1.044	-.8642	4.889	-.6601	-.8736	-1.670	.7688
Rep #3	5.260	-.4878	-1.035	-.0530	4.651	-.6407	-.7951	-1.489	.7598
23	Unk: GISC15-20417 30/10/2015 13:57:00 CONC x100 DMP 151030: FRUTAS:								
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	1.780	-.7185	-1.045	-.4721	5.651	-.8119	-.7302	-1.556	.5396
Desv. Est.	1.297	.0142	.009	.5445	.255	.0082	.0400	.106	.0125
% RSD	72.83	1.981	.8857	115.3	4.513	1.004	5.482	6.838	2.309
Rep #1	3.002	-.7318	-1.034	-.4035	5.571	-.8161	-.7682	-1.493	.5473
Rep #2	.4199	-.7201	-1.049	.0348	5.936	-.8025	-.7342	-1.679	.5252
Rep #3	1.919	-.7035	-1.052	-1.048	5.445	-.8171	-.6884	-1.496	.5462
24	QC: QC-3 30/10/2015 13:58:45 CONC DMP 151030: FRUTAS:								
	Cd2265	Ni2316	Pb2203						
Línea	226.502 {44	231.604 {44	220.353 {45						
Unidades	mg/Kg	mg/Kg	mg/Kg						
Media	.0350	.0363	.0365						
Desv. Est.	.0050	.0050	.0040						
% RSD	14.16	13.90	10.90						
Rep #1	.0321	.0331	.0346						
Rep #2	.0408	.0421	.0410						
Rep #3	.0322	.0336	.0337						
Comprobació	Pasa Comp	Ninguno	Pasa Comp						
Valor									
Intervalo									
25	QC: QC-5 30/10/2015 14:01:05 CONC DMP 151030: FRUTAS:								
	As1890	Cu3247	Fe2599	Mn2576					
Línea	189.042 {47	324.754 {10	259.940 {13	257.610 {13					
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg					
Media	.4212	.3705	.4228	.3751					
Desv. Est.	.0011	.0081	.0081	.0085					
% RSD	.2644	2.192	1.927	2.274					
Rep #1	.4210	.3788	.4322	.3842					
Rep #2	.4224	.3626	.4187	.3673					
Rep #3	.4202	.3700	.4175	.3740					
Comprobació	Ninguno	Ninguno	Ninguno	Ninguno					
Valor									
Intervalo									
26	QC: QC-7 30/10/2015 14:07:36 CONC DMP 151030: FRUTAS:								
	Al3082	Zn2138							
Línea	308.215 {10	213.856 {45							

Unidades	mg/Kg	mg/Kg								
Media	3.923	4.004								
Desv. Est.	.038	.009								
% RSD	.9719	.2374								
Rep #1	3.949	3.994								
Rep #2	3.941	4.007								
Rep #3	3.879	4.012								
Comprobaci	Pasa Comp	Pasa Comp								
Valor										
Intervalo										
27	Unk: GISC15-20362-R 30/10/2015 14:08:34 CONC x100 DMP 151030: FRUTAS:									
	Al3082	As1890	Cd2265	Cu3247	Fe2599	Mn2576	Ni2316	Pb2203	Zn2138	
Línea	308.215 {10	189.042 {47	226.502 {44	324.754 {10	259.940 {13	257.610 {13	231.604 {44	220.353 {45	213.856 {45	
Unidades	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Media	7.962	-.3367	-1.016	-.5849	4.913	-.7329	-.8113	-1.723	1.528	
Desv. Est.	5.431	.0609	.019	.3757	.463	.0404	.0726	.154	.013	
% RSD	68.21	18.10	1.835	64.24	9.425	5.513	8.943	8.945	.8670	
Rep #1	8.729	-.3873	-1.025	-.9979	4.675	-.7175	-.8903	-1.625	1.521	
Rep #2	12.97	-.2691	-.9950	-.2634	4.617	-.7787	-.7961	-1.900	1.543	
Rep #3	2.188	-.3538	-1.029	-.4932	5.447	-.7024	-.7476	-1.643	1.520	

1	Cal: Blanco 30/10/2015 19:42:53 IR D Hg151030: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	-1.114
Desv. Est.	.273
% RSD	24.51
Rep #1	-1.076
Rep #2	-8619
Rep #3	-1.404
2	Cal: STD 1 30/10/2015 19:45:04 IR D Hg151030: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	66.21
Desv. Est.	6.57
% RSD	9.926
Rep #1	58.86
Rep #2	68.27
Rep #3	71.51
3	Cal: STD 2 30/10/2015 19:46:22 IR D Hg151030: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	238.3
Desv. Est.	12.6
% RSD	5.306
Rep #1	224.6
Rep #2	240.8
Rep #3	249.5
4	Cal: STD 3 30/10/2015 19:47:48 IR D Hg151030: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	417.2
Desv. Est.	9.8
% RSD	2.346
Rep #1	406.1
Rep #2	421.1
Rep #3	424.4
5	Cal: STD 4 30/10/2015 19:49:12 IR D Hg151030: FRUTAS:
	Hg1942
Unidades	Cts/s
Media	861.1
Desv. Est.	11.4
% RSD	1.325
Rep #1	848.1
Rep #2	866.1
Rep #3	869.2
6	Blanco: REACTIVO 30/10/2015 19:51:45 CONC D Hg151030: FRUTAS:
	Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	.0002
Desv. Est.	.0000

% RSD	18.43
Rep #1	.0003
Rep #2	.0002
Rep #3	.0002
7	Blanco: MUESTRA 30/10/2015 19:53:10 CONC x100 D Hg151030: FRUTAS:
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	.0101
Desv. Est.	.0024
% RSD	23.70
Rep #1	.0125
Rep #2	.0077
Rep #3	.0100
8	Unk: RECUPERACION2 30/10/2015 19:53:58 CONC x100 D Hg151030: FRUTAS:
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	.5359 107%
Desv. Est.	.0056
% RSD	1.039
Rep #1	.5321
Rep #2	.5334
Rep #3	.5423
9	Unk: GISC15-20281 30/10/2015 19:54:56 CONC x100 D Hg151030: FRUTAS:
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-.0090
Desv. Est.	.0016
% RSD	17.84
Rep #1	-.0078
Rep #2	-.0085
Rep #3	-.0109
10	Unk: GISC15-20297 30/10/2015 19:56:42 CONC x100 D Hg151030: FRUTAS:
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-.0135
Desv. Est.	.0015
% RSD	11.24
Rep #1	-.0153
Rep #2	-.0126
Rep #3	-.0128
11	Unk: GISC15-20327 30/10/2015 19:58:12 CONC x100 D Hg151030: FRUTAS:
	Hg1942
Linea	194.227 {47
Unidades	mg/kg
Media	-.0154
Desv. Est.	.0010
% RSD	6.587
Rep #1	-.0143

Rep #2	-0162
Rep #3	-0156
12	Unk: GISC15-20362 30/10/2015 19:59:37 CONC x100 DU-454000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0200
Desv. Est.	.0126
% RSD	62.75
Rep #1	-0063
Rep #2	-0310
Rep #3	-0226
13	Unk: GISC15-20363 30/10/2015 20:00:55 CONC x100 DU-454000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0314
Desv. Est.	.0010
% RSD	3.028
Rep #1	-0325
Rep #2	-0307
Rep #3	-0311
14	Unk: GISC15-20364 30/10/2015 20:02:14 CONC x100 DU-454000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0222
Desv. Est.	.0024
% RSD	10.94
Rep #1	-0247
Rep #2	-0221
Rep #3	-0198
15	Unk: GISC15-20365 30/10/2015 20:03:33 CONC x100 DU-454000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0272
Desv. Est.	.0016
% RSD	5.861
Rep #1	-0286
Rep #2	-0254
Rep #3	-0276
16	Unk: GISC15-20366 30/10/2015 20:05:03 CONC x100 DU-454000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0224
Desv. Est.	.0099
% RSD	44.24
Rep #1	-0115
Rep #2	-0249
Rep #3	-0309

17	Unk: GISC15-20369 30/10/2015 20:06:27 CONC x100 DU-151020: ERUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0275
Desv. Est.	.0007
% RSD	2.642
Rep #1	-.0279
Rep #2	-.0279
Rep #3	-.0266
18	Unk: GISC15-20370 30/10/2015 20:07:51 CONC x100 DU-151020: ERUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0519
Desv. Est.	.0010
% RSD	1.888
Rep #1	-.0519
Rep #2	-.0509
Rep #3	-.0528
19	Unk: GISC15-20406 30/10/2015 20:09:26 CONC x100 DU-151020: ERUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0243
Desv. Est.	.0008
% RSD	3.263
Rep #1	-.0251
Rep #2	-.0235
Rep #3	-.0243
20	Unk: GISC15-20417 30/10/2015 20:10:49 CONC x100 DU-151020: ERUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0290
Desv. Est.	.0008
% RSD	2.885
Rep #1	-.0293
Rep #2	-.0280
Rep #3	-.0296

Rep #2	-0162
Rep #3	-0156
12	Unk: GISC15-20362 30/10/2015 19:59:37 CONC x100 DU-451000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0200
Desv. Est.	.0126
% RSD	62.75
Rep #1	-0063
Rep #2	-0310
Rep #3	-0226
13	Unk: GISC15-20363 30/10/2015 20:00:55 CONC x100 DU-451000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0314
Desv. Est.	.0010
% RSD	3.028
Rep #1	-0325
Rep #2	-0307
Rep #3	-0311
14	Unk: GISC15-20364 30/10/2015 20:02:14 CONC x100 DU-451000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0222
Desv. Est.	.0024
% RSD	10.94
Rep #1	-0247
Rep #2	-0221
Rep #3	-0198
15	Unk: GISC15-20365 30/10/2015 20:03:33 CONC x100 DU-451000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0272
Desv. Est.	.0016
% RSD	5.861
Rep #1	-0286
Rep #2	-0254
Rep #3	-0276
16	Unk: GISC15-20366 30/10/2015 20:05:03 CONC x100 DU-451000 EDUTAG Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-0224
Desv. Est.	.0099
% RSD	44.24
Rep #1	-0115
Rep #2	-0249
Rep #3	-0309

17	Unk: GISC15-20369 30/10/2015 20:06:27 CONC x100 DU151030: EDUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0275
Desv. Est.	.0007
% RSD	2.642
Rep #1	-.0279
Rep #2	-.0279
Rep #3	-.0266
18	Unk: GISC15-20370 30/10/2015 20:07:51 CONC x100 DU151030: EDUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0519
Desv. Est.	.0010
% RSD	1.888
Rep #1	-.0519
Rep #2	-.0509
Rep #3	-.0528
19	Unk: GISC15-20406 30/10/2015 20:09:26 CONC x100 DU151030: EDUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0243
Desv. Est.	.0008
% RSD	3.263
Rep #1	-.0251
Rep #2	-.0235
Rep #3	-.0243
20	Unk: GISC15-20417 30/10/2015 20:10:49 CONC x100 DU151030: EDUTAC: Hg1942
Línea	194.227 {47
Unidades	mg/kg
Media	-.0290
Desv. Est.	.0008
% RSD	2.885
Rep #1	-.0293
Rep #2	-.0280
Rep #3	-.0296