

System

Start time: 15-MAR-23 9:08:37 AM
Instrument: iCAP RQ
Operator: ADMINTH-LSV4KC4\Administrator
Template: KED
Instrument Serial Number: RQ01712
Last Autotune: Autotune-!CaliTune KEDS Line1-20230111-094324842.imatdat
Solution: A Tune B solution (1 ppb Li, Co, In, Ba, Ce, Bi, U) in 2% HNO₃ and 0.5% HCl is recommended for this performance report.

Sensitivity & Stability Test

Result	Runs	Sweeps
Passed	10	60

Sensitivity

Analyte	Result	Value	Condition	Limit
Bkg4.5	Passed	0.122 CPS	Less than	0.5 CPS
Bkg220.7	Passed	0.1 CPS	Less than	2.0 CPS
59Co/35Cl.16O	Passed	21.2	Greater than	18.0
59Co	Passed	96,554.0 CPS	Greater than	30,000.0 CPS
238U	Passed	792,003.0 CPS	Greater than	85,000.0 CPS
209Bi	Passed	468,055.0 CPS	Greater than	42,500.0 CPS
140Ce.16O/140Ce	Passed	0.0057	Less than	0.02
115In	Passed	130,322.0 CPS	Greater than	35,000.0 CPS

Stability

Analyte	Value	Limit
59Co	0.5 %	2
238U	1.5 %	2
209Bi	0.7 %	2
115In	1.0 %	2

Mass Calibration Test

Result	Channels	Dwell	MeasureWidth	PointSpacing	Sweeps
Passed	75	0.04	1.5	0.02	5

Analyte	Result	Centroid Mass [u]	Offset	Peak width [u]	Peak width min [u]	Peak width max [u]
59Co	Passed	58.9538	0.0206	0.693	0.650	0.850
115In	Passed	114.9358	0.0319	0.706	0.650	0.850
209Bi	Passed	209.0258	0.0454	0.705	0.650	0.850

Tune Settings

Parameter	Value
Additional Gas Flow 1	0.00
Additional Gas Flow 2	0.00
Additional Gas Flow 3	0.00
Angular Deflection	-409.43
Auxilliary Flow	0.80
CCT Bias	-21.00
CCT Entry Lens	-92.00
CCT Exit Lens	-40.00
CCT Focus Lens	0.54
CCT1 Flow	4.71
CCT1 Shut-Off Valve	1.00
CCT2 Flow	0.00
CCT2 Shut-Off Valve	0.00
Cool Flow	14.00
D1 Lens	-356.80
D2 Lens	-158.00
Deflection Entry Lens	-35.01
Dry Pump Speed	100.00
Extraction Lens 1 Negative	0.00
Extraction Lens 1 Polarity	0.00
Extraction Lens 1 Positive	0.00
Extraction Lens 2	-139.67
Focus Lens	-6.50
Nebulizer Flow	1.13
Peristaltic Pump Speed	40.00
Plasma Power	1550.00
Pole Bias	-18.00
Quad Entry Lens	-56.00
Sampling Depth	5.00
Spray Chamber Temperature	2.70
Torch Horizontal Position	-1.28
Torch Vertical Position	-1.05
Virtual CCT Mass Maximum Dac Limit Set	4095.00
Virtual CCT Mass parameter b	1.00
Virtual CCT Mass to Dac Factor	60.00
Virtual CCT Mass to Dac Offset	150.00

Vacuum Check

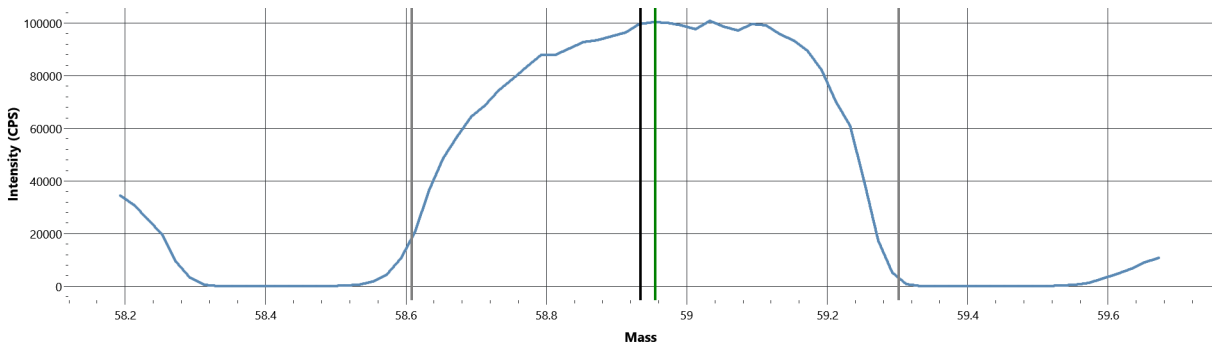
Parameter	Result	Value
Analyzer Pressure		6.921e-7
Interface Pressure		1.810e+0

Detector Voltages

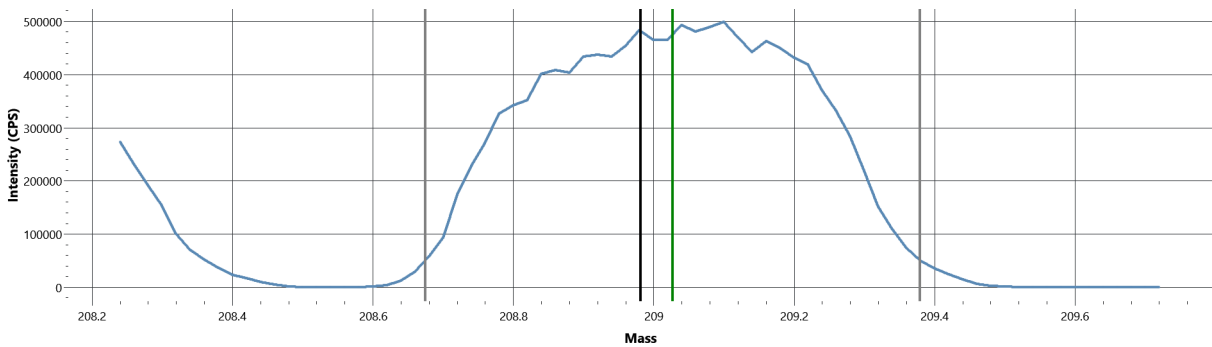
Analog	Counting
-1887.50	1412.50

Mass Calibration Peaks

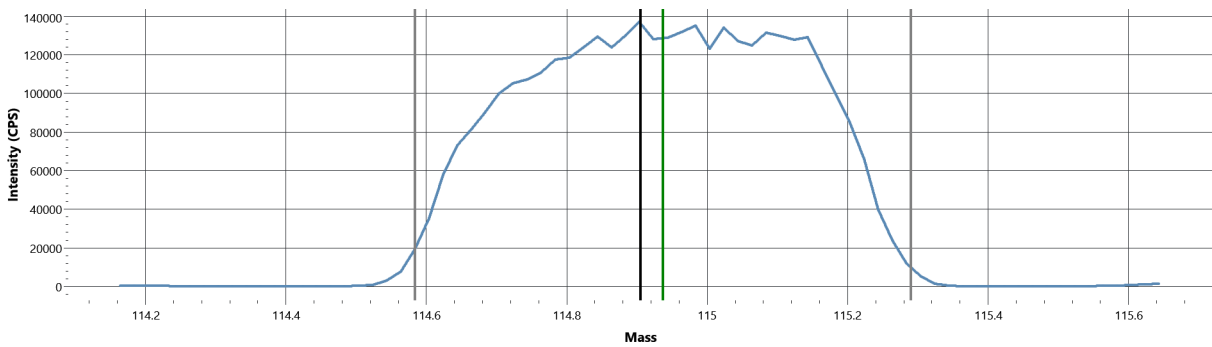
Analyte: 59Co



Analyte: 209Bi



Analyte: 115In



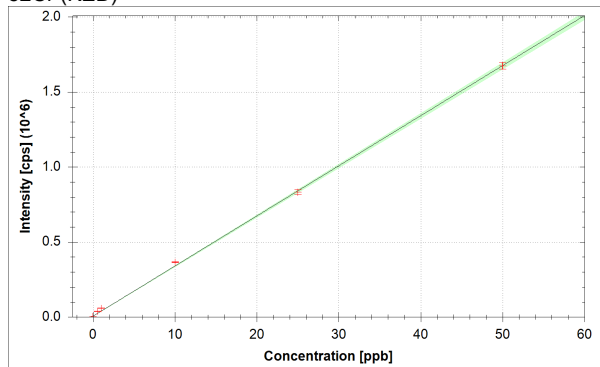
Reporte de resultados

17-Mar-23 3:14:02 PM



GRÁFICOS CURVA DE CALIBRACIÓN

52Cr (KED)



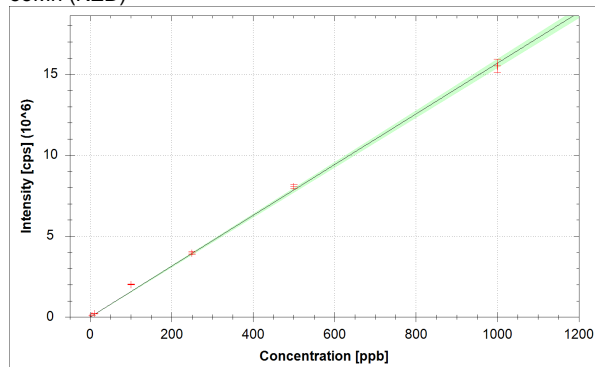
$$f(x) = 33396.2030 \cdot x + 5776.2736$$

$$R^2 = 0.9994$$

$$\text{BEC} = 0.173 \text{ ppb}$$

$$\text{LoD} = 0.0073 \text{ ppb}$$

55Mn (KED)



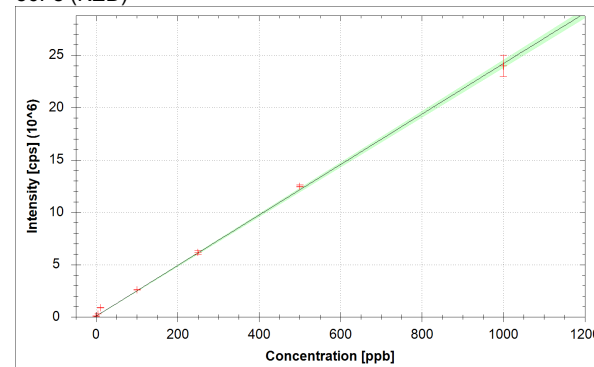
$$f(x) = 15678.4060 \cdot x + 1401.4509$$

$$R^2 = 0.9986$$

$$\text{BEC} = 0.089 \text{ ppb}$$

$$\text{LoD} = 0.0080 \text{ ppb}$$

56Fe (KED)



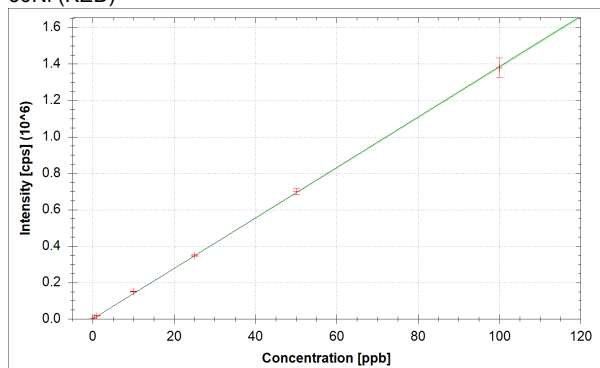
$$f(x) = 24109.6148 \cdot x + 87028.8557$$

$$R^2 = 0.9989$$

$$\text{BEC} = 3.610 \text{ ppb}$$

$$\text{LoD} = 3.4170 \text{ ppb}$$

60Ni (KED)



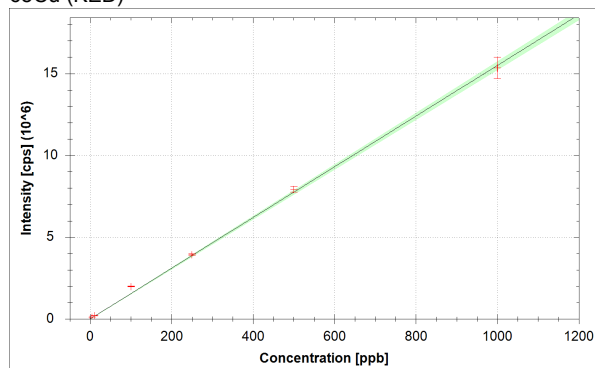
$$f(x) = 13834.5237 \cdot x + 1020.5569$$

$$R^2 = 0.9998$$

$$\text{BEC} = 0.074 \text{ ppb}$$

$$\text{LoD} = 0.0272 \text{ ppb}$$

65Cu (KED)



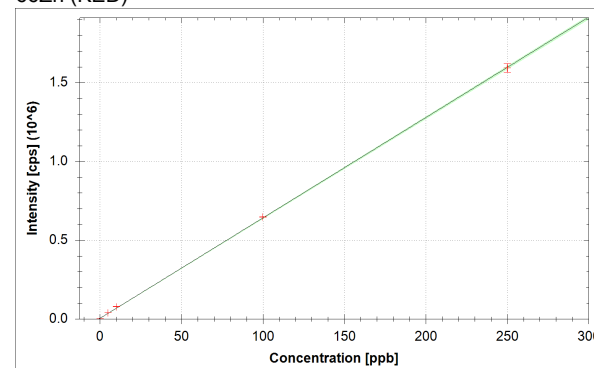
$$f(x) = 15489.1941 \cdot x + 3913.8989$$

$$R^2 = 0.9987$$

$$\text{BEC} = 0.253 \text{ ppb}$$

$$\text{LoD} = 0.0258 \text{ ppb}$$

66Zn (KED)



$$f(x) = 6368.4289 \cdot x + 4467.1259$$

$$R^2 = 0.9999$$

$$\text{BEC} = 0.701 \text{ ppb}$$

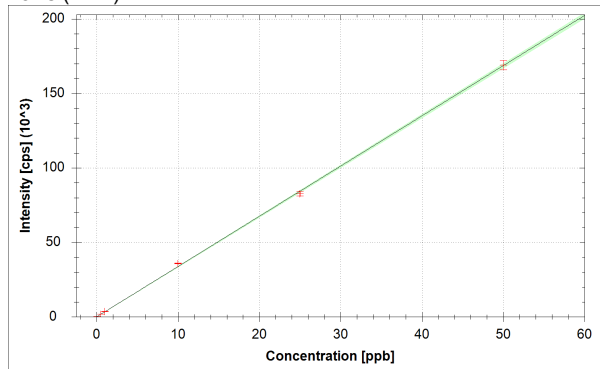
$$\text{LoD} = 0.1136 \text{ ppb}$$

Reporte de resultados

17-Mar-23 3:14:02 PM



75As (KED)



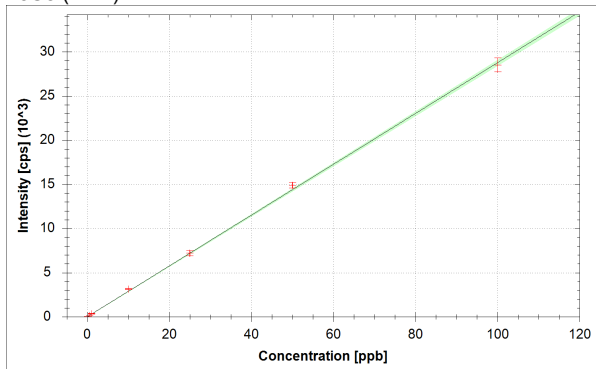
$$f(x) = 3369.8628 \cdot x + 65.3871$$

$$R^2 = 0.9997$$

$$\text{BEC} = 0.019 \text{ ppb}$$

$$\text{LoD} = 0.0171 \text{ ppb}$$

78Se (KED)



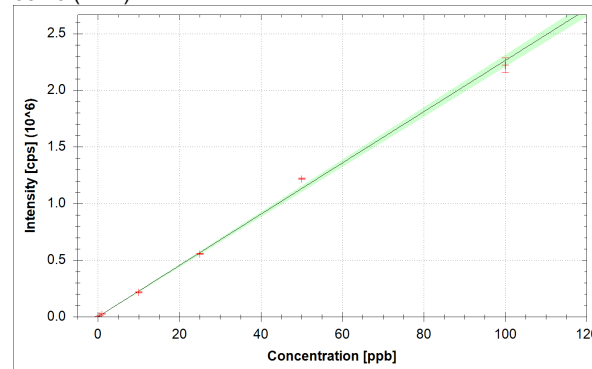
$$f(x) = 287.5889 \cdot x + 10.9275$$

$$R^2 = 0.9994$$

$$\text{BEC} = 0.038 \text{ ppb}$$

$$\text{LoD} = 0.0795 \text{ ppb}$$

95Mo (KED)



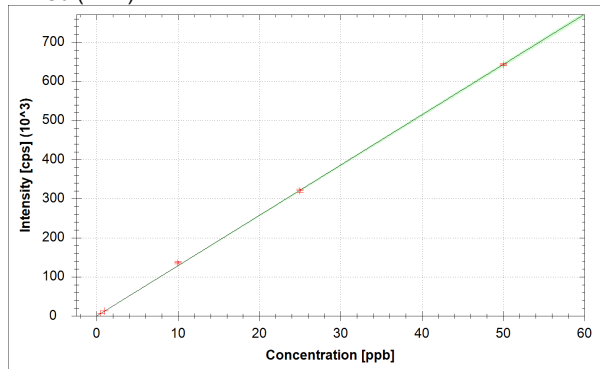
$$f(x) = 22611.6290 \cdot x + 1017.1673$$

$$R^2 = 0.9978$$

$$\text{BEC} = 0.045 \text{ ppb}$$

$$\text{LoD} = 0.0056 \text{ ppb}$$

111Cd (KED)



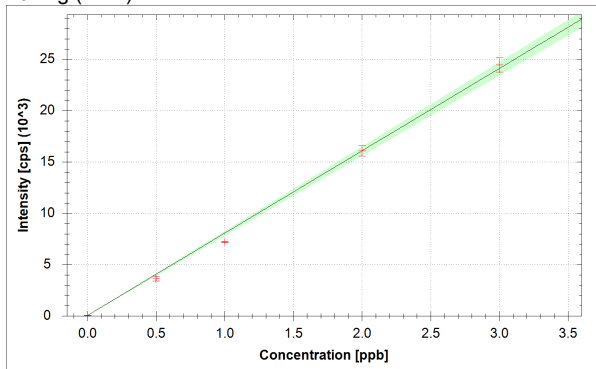
$$f(x) = 12860.2857 \cdot x + 12.1645$$

$$R^2 = 0.9998$$

$$\text{BEC} = 0.001 \text{ ppb}$$

$$\text{LoD} = 0.0012 \text{ ppb}$$

201Hg (KED)



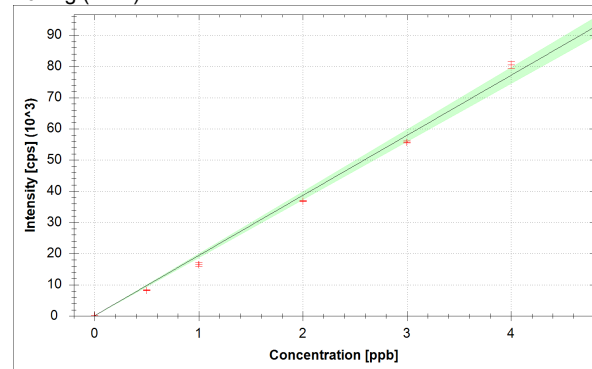
$$f(x) = 8017.5392 \cdot x + 48.8992$$

$$R^2 = 0.9973$$

$$\text{BEC} = 0.006 \text{ ppb}$$

$$\text{LoD} = 0.0015 \text{ ppb}$$

202Hg (KED)



$$f(x) = 19254.5481 \cdot x + 125.6532$$

$$R^2 = 0.9939$$

$$\text{BEC} = 0.007 \text{ ppb}$$

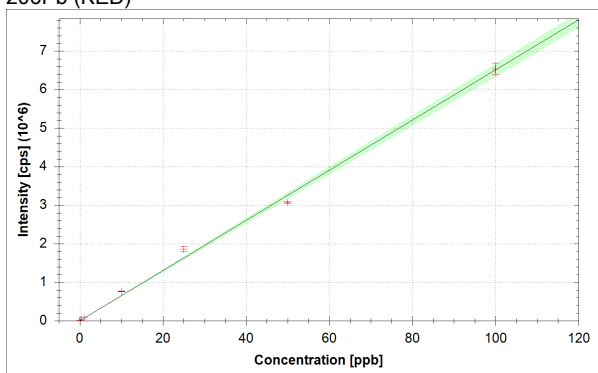
$$\text{LoD} = 0.0039 \text{ ppb}$$

Reporte de resultados

17-Mar-23 3:14:02 PM

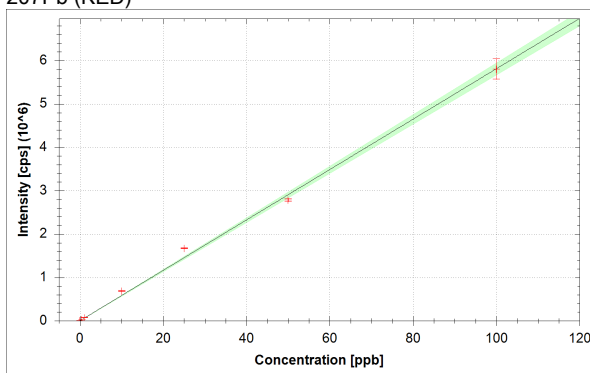


206Pb (KED)



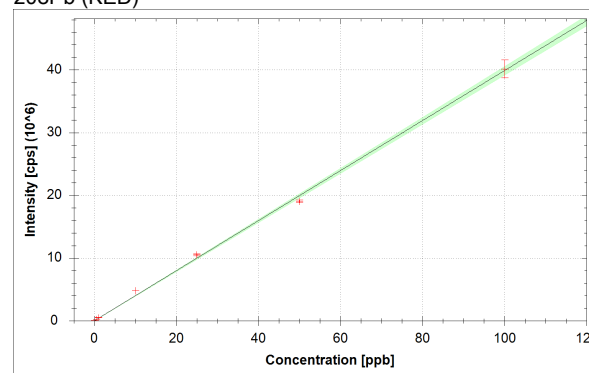
$f(x) = 65078.3330 \cdot x + 2520.7702$
 $R^2 = 0.9971$
 BEC = 0.039 ppb
 LoD = 0.0106 ppb

207Pb (KED)



$f(x) = 58091.1412 \cdot x + 2061.3682$
 $R^2 = 0.9973$
 BEC = 0.035 ppb
 LoD = 0.0006 ppb

208Pb (KED)



$f(x) = 398728.2645 \cdot x + 15073.4343$
 $R^2 = 0.9986$
 BEC = 0.038 ppb
 LoD = 0.0028 ppb

RESULTADOS CURVA DE CALIBRACIÓN

Index 4 Label BK CURVA Start Time 15-Mar-23 2:01:54 PM

Label	BK CURVA	BK CURVA	BK CURVA
Category	Concentration average	Concentration per Run	Concentration RSD
52Cr (KED)	0.000 ppb	0.000 ppb	0.0 %
55Mn (KED)	0.000 ppb	0.000 ppb	0.0 %
56Fe (KED)	0.000 ppb	0.000 ppb	0.3 %
60Ni (KED)	0.000 ppb	0.000 ppb	0.1 %
65Cu (KED)	0.000 ppb	0.000 ppb	0.0 %
66Zn (KED)	0.000 ppb	0.000 ppb	0.1 %
75As (KED)	0.000 ppb	0.000 ppb	0.3 %
78Se (KED)	0.000 ppb	0.000 ppb	0.7 %
95Mo (KED)	0.000 ppb	0.000 ppb	0.0 %
111Cd (KED)	0.000 ppb	0.000 ppb	0.4 %
201Hg (KED)	0.000 ppb	0.000 ppb	0.1 %
202Hg (KED)	0.000 ppb	0.000 ppb	0.2 %

Reporte de resultados

17-Mar-23 3:14:02 PM



Label	BK CURVA	BK CURVA	BK CURVA
206Pb (KED)	0.000 ppb	0.000 ppb	0.1 %
207Pb (KED)	0.000 ppb	0.000 ppb	0.0 %
208Pb (KED)	0.000 ppb	0.000 ppb	0.0 %

Index 5 Label STD-1 Start Time 15-Mar-23 2:04:04 PM

Label	STD-1	STD-1	STD-1	STD-1	STD-1	STD-1
Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	Standard Concentration
52Cr (KED)	0.957 ppb	0.952 ppb	0.968 ppb	0.951 ppb	1.0 %	0.500 ppb
55Mn (KED)	6.456 ppb	6.506 ppb	6.455 ppb	6.406 ppb	0.8 %	5.000 ppb
56Fe (KED)	8.905 ppb	9.076 ppb	8.771 ppb	8.868 ppb	1.8 %	5.000 ppb
60Ni (KED)	0.621 ppb	0.619 ppb	0.621 ppb	0.624 ppb	0.4 %	0.500 ppb
65Cu (KED)	7.080 ppb	6.908 ppb	7.166 ppb	7.168 ppb	2.1 %	5.000 ppb
66Zn (KED)	5.630 ppb	5.574 ppb	5.633 ppb	5.683 ppb	1.0 %	5.000 ppb
75As (KED)	0.527 ppb	0.521 ppb	0.530 ppb	0.530 ppb	1.0 %	0.500 ppb
78Se (KED)	0.540 ppb	0.561 ppb	0.553 ppb	0.508 ppb	5.3 %	0.500 ppb
95Mo (KED)	0.578 ppb	0.564 ppb	0.597 ppb	0.574 ppb	2.9 %	0.500 ppb
111Cd (KED)	0.512 ppb	0.519 ppb	0.502 ppb	0.515 ppb	1.7 %	0.500 ppb
201Hg (KED)	0.449 ppb	0.460 ppb	0.471 ppb	0.416 ppb	6.4 %	0.500 ppb
202Hg (KED)	0.425 ppb	0.418 ppb	0.424 ppb	0.432 ppb	1.6 %	0.500 ppb
206Pb (KED)	0.567 ppb	0.572 ppb	0.582 ppb	0.548 ppb	3.1 %	0.500 ppb
207Pb (KED)	0.575 ppb	0.559 ppb	0.591 ppb	0.577 ppb	2.8 %	0.500 ppb
208Pb (KED)	0.578 ppb	0.579 ppb	0.585 ppb	0.571 ppb	1.2 %	0.500 ppb

Index 6 Label STD-2 Start Time 15-Mar-23 2:06:15 PM

Label	STD-2	STD-2	STD-2	STD-2	STD-2	STD-2
Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	Standard Concentration
52Cr (KED)	1.563 ppb	1.551 ppb	1.598 ppb	1.542 ppb	1.9 %	1.000 ppb
55Mn (KED)	13.128 ppb	12.763 ppb	13.198 ppb	13.424 ppb	2.6 %	10.000 ppb
56Fe (KED)	33.144 ppb	31.976 ppb	33.761 ppb	33.694 ppb	3.1 %	10.000 ppb
60Ni (KED)	1.193 ppb	1.133 ppb	1.224 ppb	1.223 ppb	4.4 %	1.000 ppb
65Cu (KED)	12.793 ppb	12.600 ppb	12.930 ppb	12.849 ppb	1.3 %	10.000 ppb
66Zn (KED)	11.646 ppb	11.436 ppb	11.866 ppb	11.635 ppb	1.8 %	10.000 ppb
75As (KED)	1.050 ppb	1.021 ppb	1.058 ppb	1.070 ppb	2.4 %	1.000 ppb
78Se (KED)	1.144 ppb	1.291 ppb	1.031 ppb	1.110 ppb	11.7 %	1.000 ppb
95Mo (KED)	1.045 ppb	1.012 ppb	1.036 ppb	1.088 ppb	3.8 %	1.000 ppb
111Cd (KED)	1.023 ppb	1.019 ppb	1.035 ppb	1.016 ppb	1.0 %	1.000 ppb
201Hg (KED)	0.890 ppb	0.885 ppb	0.890 ppb	0.896 ppb	0.6 %	1.000 ppb
202Hg (KED)	0.855 ppb	0.828 ppb	0.894 ppb	0.842 ppb	4.0 %	1.000 ppb
206Pb (KED)	1.204 ppb	1.160 ppb	1.237 ppb	1.214 ppb	3.3 %	1.000 ppb
207Pb (KED)	1.222 ppb	1.168 ppb	1.267 ppb	1.231 ppb	4.1 %	1.000 ppb

Reporte de resultados

17-Mar-23 3:14:02 PM



Label	STD-2	STD-2	STD-2	STD-2	STD-2	STD-2
208Pb (KED)	1.226 ppb	1.178 ppb	1.271 ppb	1.231 ppb	3.8 %	1.000 ppb

Index 7 Label STD-3 Start Time 15-Mar-23 2:08:27 PM

Label	STD-3	STD-3	STD-3	STD-3	STD-3	STD-3
Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	Standard Concentration
52Cr (KED)	10.806 ppb	10.703 ppb	10.808 ppb	10.906 ppb	0.9 %	10.000 ppb
55Mn (KED)	128.526 ppb	126.321 ppb	129.617 ppb	129.639 ppb	1.5 %	100.000 ppb
56Fe (KED)	104.255 ppb	103.914 ppb	103.623 ppb	105.229 ppb	0.8 %	100.000 ppb
60Ni (KED)	10.780 ppb	10.763 ppb	10.693 ppb	10.886 ppb	0.9 %	10.000 ppb
65Cu (KED)	128.185 ppb	128.086 ppb	126.396 ppb	130.073 ppb	1.4 %	100.000 ppb
66Zn (KED)	100.984 ppb	100.656 ppb	101.174 ppb	101.121 ppb	0.3 %	100.000 ppb
75As (KED)	10.613 ppb	10.540 ppb	10.679 ppb	10.619 ppb	0.7 %	10.000 ppb
78Se (KED)	10.889 ppb	10.715 ppb	10.659 ppb	11.294 ppb	3.2 %	10.000 ppb
95Mo (KED)	9.530 ppb	9.303 ppb	9.515 ppb	9.771 ppb	2.5 %	10.000 ppb
111Cd (KED)	10.586 ppb	10.462 ppb	10.424 ppb	10.871 ppb	2.3 %	10.000 ppb
201Hg (KED)	2.000 ppb	1.928 ppb	2.036 ppb	2.037 ppb	3.1 %	2.000 ppb
202Hg (KED)	1.909 ppb	1.897 ppb	1.919 ppb	1.912 ppb	0.6 %	2.000 ppb
206Pb (KED)	11.687 ppb	11.755 ppb	11.516 ppb	11.791 ppb	1.3 %	10.000 ppb
207Pb (KED)	11.765 ppb	11.464 ppb	11.805 ppb	12.027 ppb	2.4 %	10.000 ppb
208Pb (KED)	12.019 ppb	12.029 ppb	12.024 ppb	12.004 ppb	0.1 %	10.000 ppb

Index 8 Label STD-4 Start Time 15-Mar-23 2:10:39 PM

Label	STD-4	STD-4	STD-4	STD-4	STD-4	STD-4
Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	Standard Concentration
52Cr (KED)	24.742 ppb	24.202 ppb	25.010 ppb	25.012 ppb	1.9 %	25.000 ppb
55Mn (KED)	252.212 ppb	246.262 ppb	252.062 ppb	258.312 ppb	2.4 %	250.000 ppb
56Fe (KED)	252.216 ppb	244.266 ppb	257.921 ppb	254.462 ppb	2.8 %	250.000 ppb
60Ni (KED)	25.196 ppb	24.795 ppb	25.431 ppb	25.361 ppb	1.4 %	25.000 ppb
65Cu (KED)	253.489 ppb	249.469 ppb	254.656 ppb	256.343 ppb	1.4 %	250.000 ppb
66Zn (KED)	249.528 ppb	244.662 ppb	252.473 ppb	251.450 ppb	1.7 %	250.000 ppb
75As (KED)	24.493 ppb	23.937 ppb	24.832 ppb	24.711 ppb	2.0 %	25.000 ppb
78Se (KED)	24.978 ppb	24.149 ppb	26.199 ppb	24.585 ppb	4.3 %	25.000 ppb
95Mo (KED)	24.492 ppb	24.394 ppb	24.778 ppb	24.304 ppb	1.0 %	25.000 ppb
111Cd (KED)	24.892 ppb	24.721 ppb	25.254 ppb	24.702 ppb	1.3 %	25.000 ppb
201Hg (KED)	3.045 ppb	2.945 ppb	3.107 ppb	3.083 ppb	2.9 %	3.000 ppb
202Hg (KED)	2.889 ppb	2.902 ppb	2.894 ppb	2.871 ppb	0.6 %	3.000 ppb
206Pb (KED)	28.554 ppb	28.547 ppb	29.508 ppb	27.606 ppb	3.3 %	25.000 ppb
207Pb (KED)	28.808 ppb	28.563 ppb	28.897 ppb	28.962 ppb	0.7 %	25.000 ppb
208Pb (KED)	26.332 ppb	25.831 ppb	26.725 ppb	26.438 ppb	1.7 %	25.000 ppb

Reporte de resultados

17-Mar-23 3:14:02 PM



Index 9 Label STD-5 Start Time 15-Mar-23 2:12:51 PM

Label	STD-5	STD-5	STD-5	STD-5	STD-5	STD-5
Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	Standard Concentration
52Cr (KED)	49.952 ppb	49.241 ppb	50.067 ppb	50.549 ppb	1.3 %	50.000 ppb
55Mn (KED)	513.852 ppb	512.727 ppb	506.908 ppb	521.920 ppb	1.5 %	500.000 ppb
56Fe (KED)	515.262 ppb	517.561 ppb	510.322 ppb	517.903 ppb	0.8 %	500.000 ppb
60Ni (KED)	50.619 ppb	49.211 ppb	51.035 ppb	51.611 ppb	2.5 %	50.000 ppb
65Cu (KED)	511.359 ppb	498.413 ppb	515.410 ppb	520.253 ppb	2.2 %	500.000 ppb
66Zn (KED)	418.808 ppb	405.309 ppb	425.144 ppb	425.970 ppb	2.8 %	500.000 ppb
75As (KED)	50.129 ppb	49.074 ppb	50.849 ppb	50.465 ppb	1.9 %	50.000 ppb
78Se (KED)	51.697 ppb	50.453 ppb	52.220 ppb	52.417 ppb	2.1 %	50.000 ppb
95Mo (KED)	53.852 ppb	53.821 ppb	53.541 ppb	54.195 ppb	0.6 %	50.000 ppb
111Cd (KED)	49.936 ppb	49.824 ppb	50.159 ppb	49.826 ppb	0.4 %	50.000 ppb
201Hg (KED)	4.412 ppb	4.401 ppb	4.434 ppb	4.401 ppb	0.4 %	4.000 ppb
202Hg (KED)	4.174 ppb	4.156 ppb	4.124 ppb	4.243 ppb	1.5 %	4.000 ppb
206Pb (KED)	47.129 ppb	46.677 ppb	47.514 ppb	47.195 ppb	0.9 %	50.000 ppb
207Pb (KED)	47.931 ppb	47.161 ppb	48.254 ppb	48.377 ppb	1.4 %	50.000 ppb
208Pb (KED)	47.706 ppb	47.148 ppb	47.973 ppb	47.996 ppb	1.0 %	50.000 ppb

Index 10 Label STD-6 Start Time 15-Mar-23 2:15:05 PM

Label	STD-6	STD-6	STD-6	STD-6	STD-6	STD-6
Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	Standard Concentration
52Cr (KED)	79.892 ppb	76.948 ppb	82.570 ppb	80.159 ppb	3.5 %	100.000 ppb
55Mn (KED)	989.630 ppb	962.250 ppb	1,016.330 ppb	990.310 ppb	2.7 %	1,000.000 ppb
56Fe (KED)	991.138 ppb	951.000 ppb	1,034.068 ppb	988.348 ppb	4.2 %	1,000.000 ppb
60Ni (KED)	99.561 ppb	97.698 ppb	104.095 ppb	96.890 ppb	4.0 %	100.000 ppb
65Cu (KED)	990.592 ppb	956.829 ppb	1,037.213 ppb	977.733 ppb	4.2 %	1,000.000 ppb
66Zn (KED)	815.081 ppb	795.555 ppb	840.853 ppb	808.835 ppb	2.9 %	1,000.000 ppb
75As (KED)	97.719 ppb	95.333 ppb	99.801 ppb	98.023 ppb	2.3 %	100.000 ppb
78Se (KED)	99.067 ppb	97.858 ppb	102.204 ppb	97.138 ppb	2.8 %	100.000 ppb
95Mo (KED)	98.247 ppb	95.442 ppb	101.105 ppb	98.194 ppb	2.9 %	100.000 ppb
111Cd (KED)	99.679 ppb	96.815 ppb	102.040 ppb	100.183 ppb	2.7 %	100.000 ppb
201Hg (KED)	N/A	N/A	N/A	N/A	N/A	N/A
202Hg (KED)	N/A	N/A	N/A	N/A	N/A	N/A
206Pb (KED)	100.376 ppb	97.935 ppb	102.456 ppb	100.737 ppb	2.3 %	100.000 ppb
207Pb (KED)	99.904 ppb	95.767 ppb	103.836 ppb	100.107 ppb	4.0 %	100.000 ppb
208Pb (KED)	100.610 ppb	96.490 ppb	102.882 ppb	102.457 ppb	3.6 %	100.000 ppb

Reporte de resultados

17-Mar-23 3:14:02 PM



RESULTADOS SAMPLE LIST

Analysis index: 1 Analysis label: BK LAVADO Analysis started at: 15-Mar-23 1:55:08 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.026 ppb	0.035 ppb	0.015 ppb	0.028 ppb	39.2 %	6,640 cps
55Mn (KED)	0.048 ppb	0.059 ppb	0.046 ppb	0.040 ppb	19.4 %	2,159 cps
56Fe (KED)	-0.216 ppb	-0.115 ppb	-0.291 ppb	-0.242 ppb	42.2 %	81,832 cps
60Ni (KED)	-0.003 ppb	0.001 ppb	0.000 ppb	-0.010 ppb	226.4 %	981 cps
65Cu (KED)	-0.032 ppb	-0.025 ppb	-0.027 ppb	-0.043 ppb	32.2 %	3,424 cps
66Zn (KED)	0.122 ppb	0.088 ppb	0.128 ppb	0.149 ppb	25.2 %	5,243 cps
75As (KED)	0.002 ppb	0.001 ppb	0.004 ppb	0.002 ppb	70.0 %	72 cps
78Se (KED)	0.000 ppb	-0.019 ppb	0.015 ppb	0.003 ppb	3,574.3 %	11 cps
95Mo (KED)	0.126 ppb	0.120 ppb	0.135 ppb	0.123 ppb	6.4 %	3,863 cps
111Cd (KED)	0.001 ppb	0.001 ppb	0.000 ppb	0.001 ppb	31.1 %	19 cps
201Hg (KED)	0.010 ppb	0.011 ppb	0.011 ppb	0.008 ppb	17.2 %	129 cps
202Hg (KED)	0.007 ppb	0.008 ppb	0.006 ppb	0.007 ppb	16.1 %	263 cps
206Pb (KED)	0.000 ppb	0.000 ppb	-0.001 ppb	0.001 ppb	424.3 %	2,503 cps
207Pb (KED)	0.003 ppb	0.006 ppb	0.001 ppb	0.001 ppb	109.9 %	2,212 cps
208Pb (KED)	0.001 ppb	0.002 ppb	0.000 ppb	0.002 ppb	81.0 %	15,499 cps

Analysis index: 2 Analysis label: BK LAVADO Analysis started at: 15-Mar-23 1:57:23 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.027 ppb	0.029 ppb	0.028 ppb	0.024 ppb	10.9 %	6,683 cps
55Mn (KED)	0.038 ppb	0.045 ppb	0.037 ppb	0.032 ppb	16.2 %	1,995 cps
56Fe (KED)	-0.302 ppb	-0.353 ppb	-0.251 ppb	-0.303 ppb	17.0 %	79,745 cps
60Ni (KED)	-0.007 ppb	-0.006 ppb	-0.007 ppb	-0.006 ppb	6.2 %	929 cps
65Cu (KED)	-0.071 ppb	-0.068 ppb	-0.069 ppb	-0.075 ppb	4.9 %	2,819 cps
66Zn (KED)	0.109 ppb	0.094 ppb	0.100 ppb	0.134 ppb	19.3 %	5,164 cps
75As (KED)	0.002 ppb	0.001 ppb	0.005 ppb	-0.001 ppb	198.1 %	71 cps
78Se (KED)	0.013 ppb	0.039 ppb	0.007 ppb	-0.007 ppb	177.6 %	15 cps
95Mo (KED)	0.045 ppb	0.040 ppb	0.047 ppb	0.049 ppb	11.3 %	2,041 cps
111Cd (KED)	0.001 ppb	0.001 ppb	0.001 ppb	0.000 ppb	52.0 %	22 cps
201Hg (KED)	0.001 ppb	0.000 ppb	-0.001 ppb	0.002 ppb	232.1 %	54 cps
202Hg (KED)	0.003 ppb	0.003 ppb	0.003 ppb	0.002 ppb	21.7 %	177 cps
206Pb (KED)	-0.003 ppb	-0.001 ppb	-0.004 ppb	-0.003 ppb	59.0 %	2,345 cps
207Pb (KED)	0.001 ppb	0.003 ppb	0.002 ppb	-0.003 ppb	469.3 %	2,104 cps
208Pb (KED)	-0.002 ppb	-0.002 ppb	-0.002 ppb	-0.002 ppb	15.5 %	14,282 cps

Analysis index: 3 Analysis label: BK LAVADO Analysis started at: 15-Mar-23 1:59:38 PM

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.021 ppb	0.025 ppb	0.020 ppb	0.018 ppb	17.1 %	6,476 cps
55Mn (KED)	0.037 ppb	0.037 ppb	0.037 ppb	0.038 ppb	0.4 %	1,989 cps
56Fe (KED)	-0.287 ppb	-0.282 ppb	-0.357 ppb	-0.222 ppb	23.6 %	80,101 cps
60Ni (KED)	-0.006 ppb	-0.008 ppb	-0.008 ppb	-0.003 ppb	45.9 %	933 cps
65Cu (KED)	-0.089 ppb	-0.089 ppb	-0.096 ppb	-0.081 ppb	8.9 %	2,538 cps
66Zn (KED)	0.108 ppb	0.064 ppb	0.112 ppb	0.146 ppb	38.3 %	5,153 cps
75As (KED)	-0.005 ppb	-0.004 ppb	-0.006 ppb	-0.005 ppb	20.2 %	50 cps
78Se (KED)	0.018 ppb	0.013 ppb	0.004 ppb	0.039 ppb	99.3 %	16 cps
95Mo (KED)	0.024 ppb	0.032 ppb	0.021 ppb	0.020 ppb	26.2 %	1,564 cps
111Cd (KED)	0.001 ppb	0.001 ppb	0.000 ppb	0.002 ppb	103.7 %	22 cps
201Hg (KED)	0.001 ppb	0.001 ppb	0.000 ppb	0.002 ppb	106.5 %	57 cps
202Hg (KED)	0.002 ppb	0.001 ppb	0.001 ppb	0.003 ppb	63.0 %	160 cps
206Pb (KED)	-0.004 ppb	-0.006 ppb	-0.001 ppb	-0.004 ppb	60.6 %	2,283 cps
207Pb (KED)	0.000 ppb	0.001 ppb	-0.001 ppb	-0.001 ppb	200.5 %	2,033 cps
208Pb (KED)	-0.001 ppb	-0.002 ppb	0.001 ppb	-0.002 ppb	129.0 %	14,624 cps

Analysis index: 11 Analysis label: BK-QC Analysis started at: 15-Mar-23 2:17:19 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.031 ppb	0.030 ppb	0.026 ppb	0.036 ppb	17.3 %	6,798 cps
55Mn (KED)	0.053 ppb	0.060 ppb	0.044 ppb	0.055 ppb	15.4 %	2,233 cps
56Fe (KED)	-0.016 ppb	-0.039 ppb	-0.024 ppb	0.015 ppb	173.1 %	86,639 cps
60Ni (KED)	-0.003 ppb	0.004 ppb	-0.005 ppb	-0.006 ppb	224.6 %	986 cps
65Cu (KED)	0.070 ppb	0.070 ppb	0.077 ppb	0.063 ppb	10.4 %	5,000 cps
66Zn (KED)	0.160 ppb	0.155 ppb	0.152 ppb	0.172 ppb	7.1 %	5,484 cps
75As (KED)	0.014 ppb	0.014 ppb	0.017 ppb	0.010 ppb	25.9 %	112 cps
78Se (KED)	0.032 ppb	0.026 ppb	0.017 ppb	0.054 ppb	58.9 %	20 cps
95Mo (KED)	0.495 ppb	0.500 ppb	0.499 ppb	0.488 ppb	1.3 %	12,219 cps
111Cd (KED)	0.002 ppb	0.002 ppb	0.001 ppb	0.003 ppb	42.7 %	39 cps
201Hg (KED)	0.012 ppb	0.013 ppb	0.012 ppb	0.013 ppb	5.4 %	148 cps
202Hg (KED)	0.013 ppb	0.014 ppb	0.010 ppb	0.015 ppb	22.5 %	374 cps
206Pb (KED)	0.010 ppb	0.010 ppb	0.011 ppb	0.010 ppb	3.4 %	3,197 cps
207Pb (KED)	0.012 ppb	0.013 ppb	0.010 ppb	0.013 ppb	13.5 %	2,752 cps
208Pb (KED)	0.013 ppb	0.012 ppb	0.012 ppb	0.015 ppb	9.9 %	20,270 cps

Analysis index: 12 Analysis label: ICV bajo 1 Analysis started at: 15-Mar-23 2:19:34 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.607 ppb	5.473 ppb	5.662 ppb	5.685 ppb	2.1 %	193,013 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
55Mn (KED)	63.510 ppb	62.668 ppb	64.114 ppb	63.749 ppb	1.2 %	997,138 cps
56Fe (KED)	86.553 ppb	84.300 ppb	88.889 ppb	86.471 ppb	2.7 %	2,173,797 cps
60Ni (KED)	5.289 ppb	5.201 ppb	5.296 ppb	5.370 ppb	1.6 %	74,193 cps
65Cu (KED)	68.190 ppb	66.991 ppb	68.959 ppb	68.620 ppb	1.5 %	1,060,124 cps
66Zn (KED)	51.825 ppb	51.140 ppb	52.491 ppb	51.845 ppb	1.3 %	334,514 cps
75As (KED)	5.251 ppb	5.142 ppb	5.310 ppb	5.302 ppb	1.8 %	17,762 cps
78Se (KED)	5.232 ppb	5.396 ppb	5.335 ppb	4.965 ppb	4.5 %	1,516 cps
95Mo (KED)	5.232 ppb	5.069 ppb	5.332 ppb	5.295 ppb	2.7 %	119,325 cps
111Cd (KED)	5.085 ppb	4.888 ppb	5.167 ppb	5.199 ppb	3.4 %	65,404 cps
201Hg (KED)	0.465 ppb	0.455 ppb	0.474 ppb	0.465 ppb	2.0 %	3,776 cps
202Hg (KED)	0.418 ppb	0.404 ppb	0.421 ppb	0.429 ppb	3.1 %	8,180 cps
206Pb (KED)	5.646 ppb	5.461 ppb	5.613 ppb	5.865 ppb	3.6 %	369,972 cps
207Pb (KED)	5.390 ppb	5.288 ppb	5.400 ppb	5.482 ppb	1.8 %	315,170 cps
208Pb (KED)	5.625 ppb	5.464 ppb	5.689 ppb	5.722 ppb	2.5 %	2,258,027 cps

Analysis index: 13 Analysis label: ICV alto 1 Analysis started at: 15-Mar-23 2:21:49 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	25.402 ppb	25.585 ppb	25.441 ppb	25.181 ppb	0.8 %	854,115 cps
55Mn (KED)	254.898 ppb	259.585 ppb	250.369 ppb	254.741 ppb	1.8 %	3,997,800 cps
56Fe (KED)	255.742 ppb	259.573 ppb	249.721 ppb	257.932 ppb	2.1 %	6,252,869 cps
60Ni (KED)	26.474 ppb	26.394 ppb	26.578 ppb	26.449 ppb	0.4 %	367,269 cps
65Cu (KED)	264.661 ppb	265.274 ppb	265.983 ppb	262.726 ppb	0.6 %	4,103,303 cps
66Zn (KED)	272.847 ppb	275.195 ppb	271.429 ppb	271.916 ppb	0.8 %	1,742,072 cps
75As (KED)	26.586 ppb	26.560 ppb	26.847 ppb	26.352 ppb	0.9 %	89,657 cps
78Se (KED)	27.122 ppb	27.004 ppb	27.896 ppb	26.467 ppb	2.7 %	7,811 cps
95Mo (KED)	25.468 ppb	25.779 ppb	25.210 ppb	25.413 ppb	1.1 %	576,880 cps
111Cd (KED)	25.668 ppb	25.976 ppb	25.703 ppb	25.324 ppb	1.3 %	330,105 cps
201Hg (KED)	2.742 ppb	2.859 ppb	2.701 ppb	2.665 ppb	3.8 %	22,032 cps
202Hg (KED)	2.599 ppb	2.711 ppb	2.541 ppb	2.544 ppb	3.8 %	50,165 cps
206Pb (KED)	29.225 ppb	30.234 ppb	29.026 ppb	28.415 ppb	3.2 %	1,904,432 cps
207Pb (KED)	27.699 ppb	28.386 ppb	27.602 ppb	27.109 ppb	2.3 %	1,611,138 cps
208Pb (KED)	26.386 ppb	26.867 ppb	26.469 ppb	25.821 ppb	2.0 %	10,535,771 cps

Analysis index: 14 Analysis label: Bk1 Analysis started at: 15-Mar-23 2:24:04 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.031 ppb	0.038 ppb	0.026 ppb	0.028 ppb	20.4 %	6,796 cps
55Mn (KED)	0.053 ppb	0.056 ppb	0.053 ppb	0.048 ppb	7.8 %	2,228 cps
56Fe (KED)	-0.163 ppb	-0.118 ppb	-0.221 ppb	-0.151 ppb	32.4 %	83,089 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
60Ni (KED)	-0.003 ppb	0.001 ppb	-0.004 ppb	-0.005 ppb	134.4 %	984 cps
65Cu (KED)	-0.042 ppb	-0.030 ppb	-0.045 ppb	-0.051 ppb	25.6 %	3,264 cps
66Zn (KED)	0.110 ppb	0.100 ppb	0.106 ppb	0.124 ppb	11.4 %	5,169 cps
75As (KED)	0.004 ppb	0.002 ppb	0.005 ppb	0.005 ppb	34.1 %	79 cps
78Se (KED)	0.022 ppb	0.031 ppb	0.017 ppb	0.018 ppb	35.8 %	17 cps
95Mo (KED)	0.147 ppb	0.142 ppb	0.152 ppb	0.146 ppb	3.4 %	4,337 cps
111Cd (KED)	0.001 ppb	0.001 ppb	0.001 ppb	0.001 ppb	39.5 %	26 cps
201Hg (KED)	0.024 ppb	0.023 ppb	0.024 ppb	0.025 ppb	3.8 %	243 cps
202Hg (KED)	0.024 ppb	0.027 ppb	0.024 ppb	0.022 ppb	9.5 %	592 cps
206Pb (KED)	0.002 ppb	0.005 ppb	0.000 ppb	0.002 ppb	106.2 %	2,665 cps
207Pb (KED)	0.002 ppb	0.004 ppb	0.001 ppb	0.001 ppb	82.7 %	2,191 cps
208Pb (KED)	0.002 ppb	0.004 ppb	0.001 ppb	0.002 ppb	72.3 %	16,006 cps

Analysis index: 15 Analysis label: Bk dig1 Analysis started at: 15-Mar-23 2:26:19 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.265 ppb	11.885 ppb	11.125 ppb	10.785 ppb	5.0 %	381,984 cps
55Mn (KED)	1.623 ppb	1.701 ppb	1.608 ppb	1.559 ppb	4.5 %	26,842 cps
56Fe (KED)	55.385 ppb	58.386 ppb	54.665 ppb	53.105 ppb	4.9 %	1,422,349 cps
60Ni (KED)	2.657 ppb	2.787 ppb	2.648 ppb	2.537 ppb	4.7 %	37,782 cps
65Cu (KED)	3.911 ppb	4.126 ppb	3.869 ppb	3.736 ppb	5.1 %	64,486 cps
66Zn (KED)	3.977 ppb	4.265 ppb	3.925 ppb	3.742 ppb	6.7 %	29,795 cps
75As (KED)	0.029 ppb	0.025 ppb	0.026 ppb	0.037 ppb	22.8 %	165 cps
78Se (KED)	0.037 ppb	0.073 ppb	0.037 ppb	0.000 ppb	99.2 %	21 cps
95Mo (KED)	0.555 ppb	0.579 ppb	0.553 ppb	0.533 ppb	4.1 %	13,573 cps
111Cd (KED)	0.004 ppb	0.003 ppb	0.004 ppb	0.004 ppb	16.3 %	61 cps
201Hg (KED)	0.009 ppb	0.007 ppb	0.013 ppb	0.007 ppb	40.8 %	119 cps
202Hg (KED)	0.010 ppb	0.013 ppb	0.009 ppb	0.008 ppb	27.6 %	320 cps
206Pb (KED)	0.916 ppb	1.008 ppb	0.891 ppb	0.849 ppb	9.0 %	62,135 cps
207Pb (KED)	0.871 ppb	0.920 ppb	0.860 ppb	0.833 ppb	5.1 %	52,650 cps
208Pb (KED)	0.916 ppb	0.981 ppb	0.898 ppb	0.870 ppb	6.3 %	380,368 cps

Analysis index: 16 Analysis label: Bk dig2 Analysis started at: 15-Mar-23 2:28:31 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.996 ppb	11.250 ppb	10.862 ppb	10.877 ppb	2.0 %	373,015 cps
55Mn (KED)	0.594 ppb	0.588 ppb	0.593 ppb	0.602 ppb	1.2 %	10,719 cps
56Fe (KED)	26.511 ppb	27.102 ppb	25.911 ppb	26.521 ppb	2.2 %	726,202 cps
60Ni (KED)	3.286 ppb	3.378 ppb	3.275 ppb	3.205 ppb	2.6 %	46,480 cps
65Cu (KED)	0.274 ppb	0.295 ppb	0.264 ppb	0.264 ppb	6.4 %	8,161 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
66Zn (KED)	0.762 ppb	0.783 ppb	0.785 ppb	0.716 ppb	5.1 %	9,317 cps
75As (KED)	0.009 ppb	0.007 ppb	0.014 ppb	0.006 ppb	48.0 %	96 cps
78Se (KED)	0.014 ppb	0.016 ppb	0.012 ppb	0.013 ppb	13.9 %	15 cps
95Mo (KED)	0.456 ppb	0.473 ppb	0.455 ppb	0.441 ppb	3.6 %	11,335 cps
111Cd (KED)	0.003 ppb	0.003 ppb	0.002 ppb	0.003 ppb	25.1 %	47 cps
201Hg (KED)	0.004 ppb	0.005 ppb	0.004 ppb	0.002 ppb	41.4 %	79 cps
202Hg (KED)	0.005 ppb	0.006 ppb	0.005 ppb	0.003 ppb	26.4 %	216 cps
206Pb (KED)	0.200 ppb	0.207 ppb	0.192 ppb	0.200 ppb	3.7 %	15,514 cps
207Pb (KED)	0.200 ppb	0.203 ppb	0.198 ppb	0.200 ppb	1.3 %	13,695 cps
208Pb (KED)	0.201 ppb	0.212 ppb	0.194 ppb	0.196 ppb	5.0 %	95,078 cps

Analysis index: 17 Analysis label: 1029.001 Analysis started at: 15-Mar-23 2:30:42 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.970 ppb	11.204 ppb	11.003 ppb	10.703 ppb	2.3 %	372,132 cps
55Mn (KED)	406.269 ppb	414.877 ppb	407.643 ppb	396.289 ppb	2.3 %	6,371,059 cps
56Fe (KED)	443.798 ppb	454.915 ppb	444.734 ppb	431.746 ppb	2.6 %	10,786,835 cps
60Ni (KED)	15.360 ppb	15.642 ppb	15.413 ppb	15.025 ppb	2.0 %	213,519 cps
65Cu (KED)	89.026 ppb	89.365 ppb	89.423 ppb	88.290 ppb	0.7 %	1,382,850 cps
66Zn (KED)	352.191 ppb	355.117 ppb	359.867 ppb	341.587 ppb	2.7 %	2,247,368 cps
75As (KED)	0.091 ppb	0.088 ppb	0.091 ppb	0.095 ppb	3.7 %	374 cps
78Se (KED)	0.070 ppb	0.072 ppb	0.128 ppb	0.010 ppb	84.7 %	31 cps
95Mo (KED)	3.479 ppb	3.450 ppb	3.500 ppb	3.487 ppb	0.7 %	79,682 cps
111Cd (KED)	0.859 ppb	0.867 ppb	0.868 ppb	0.841 ppb	1.8 %	11,055 cps
201Hg (KED)	0.024 ppb	0.023 ppb	0.025 ppb	0.023 ppb	4.5 %	238 cps
202Hg (KED)	0.018 ppb	0.019 ppb	0.020 ppb	0.016 ppb	12.4 %	476 cps
206Pb (KED)	0.119 ppb	0.124 ppb	0.121 ppb	0.112 ppb	5.5 %	10,272 cps
207Pb (KED)	0.113 ppb	0.114 ppb	0.110 ppb	0.114 ppb	2.2 %	8,601 cps
208Pb (KED)	0.119 ppb	0.122 ppb	0.120 ppb	0.115 ppb	3.2 %	62,439 cps

Analysis index: 18 Analysis label: 1030.001 Analysis started at: 15-Mar-23 2:32:54 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.671 ppb	10.530 ppb	10.687 ppb	10.796 ppb	1.3 %	362,143 cps
55Mn (KED)	420.740 ppb	419.514 ppb	416.179 ppb	426.529 ppb	1.3 %	6,597,941 cps
56Fe (KED)	452.807 ppb	459.351 ppb	438.683 ppb	460.387 ppb	2.7 %	11,004,031 cps
60Ni (KED)	16.193 ppb	15.542 ppb	16.521 ppb	16.517 ppb	3.5 %	225,046 cps
65Cu (KED)	93.901 ppb	92.508 ppb	94.934 ppb	94.262 ppb	1.3 %	1,458,368 cps
66Zn (KED)	352.180 ppb	349.107 ppb	353.434 ppb	354.000 ppb	0.8 %	2,247,303 cps
75As (KED)	0.094 ppb	0.101 ppb	0.090 ppb	0.090 ppb	7.2 %	381 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
78Se (KED)	0.095 ppb	0.101 ppb	0.071 ppb	0.113 ppb	22.9 %	38 cps
95Mo (KED)	3.329 ppb	3.366 ppb	3.301 ppb	3.320 ppb	1.0 %	76,292 cps
111Cd (KED)	0.846 ppb	0.826 ppb	0.895 ppb	0.818 ppb	5.0 %	10,895 cps
201Hg (KED)	0.013 ppb	0.014 ppb	0.010 ppb	0.014 ppb	19.1 %	150 cps
202Hg (KED)	0.009 ppb	0.009 ppb	0.010 ppb	0.009 ppb	4.0 %	304 cps
206Pb (KED)	0.106 ppb	0.106 ppb	0.108 ppb	0.103 ppb	2.5 %	9,399 cps
207Pb (KED)	0.103 ppb	0.100 ppb	0.102 ppb	0.106 ppb	3.0 %	8,046 cps
208Pb (KED)	0.104 ppb	0.103 ppb	0.105 ppb	0.104 ppb	0.7 %	56,613 cps

Analysis index: 19 Analysis label: 1037.001 Analysis started at: 15-Mar-23 2:35:07 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.589 ppb	10.488 ppb	10.553 ppb	10.726 ppb	1.2 %	359,418 cps
55Mn (KED)	372.984 ppb	367.826 ppb	372.971 ppb	378.157 ppb	1.4 %	5,849,201 cps
56Fe (KED)	402.510 ppb	402.429 ppb	396.472 ppb	408.629 ppb	1.5 %	9,791,395 cps
60Ni (KED)	15.420 ppb	15.485 ppb	15.317 ppb	15.458 ppb	0.6 %	214,347 cps
65Cu (KED)	87.721 ppb	86.263 ppb	90.069 ppb	86.831 ppb	2.3 %	1,362,646 cps
66Zn (KED)	330.981 ppb	332.909 ppb	333.255 ppb	326.779 ppb	1.1 %	2,112,298 cps
75As (KED)	0.078 ppb	0.077 ppb	0.072 ppb	0.086 ppb	8.9 %	329 cps
78Se (KED)	0.111 ppb	0.135 ppb	0.136 ppb	0.061 ppb	38.9 %	43 cps
95Mo (KED)	3.172 ppb	3.112 ppb	3.221 ppb	3.182 ppb	1.7 %	72,730 cps
111Cd (KED)	0.806 ppb	0.770 ppb	0.815 ppb	0.834 ppb	4.0 %	10,379 cps
201Hg (KED)	0.009 ppb	0.009 ppb	0.008 ppb	0.009 ppb	4.4 %	119 cps
202Hg (KED)	0.008 ppb	0.008 ppb	0.005 ppb	0.009 ppb	29.5 %	273 cps
206Pb (KED)	0.117 ppb	0.114 ppb	0.115 ppb	0.121 ppb	3.3 %	10,104 cps
207Pb (KED)	0.113 ppb	0.107 ppb	0.113 ppb	0.119 ppb	5.4 %	8,622 cps
208Pb (KED)	0.118 ppb	0.115 ppb	0.119 ppb	0.120 ppb	2.2 %	62,185 cps

Analysis index: 20 Analysis label: 1063.001 Analysis started at: 15-Mar-23 2:37:20 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.251 ppb	10.484 ppb	10.171 ppb	10.097 ppb	2.0 %	348,111 cps
55Mn (KED)	420.831 ppb	425.934 ppb	415.339 ppb	421.221 ppb	1.3 %	6,599,363 cps
56Fe (KED)	432.045 ppb	436.911 ppb	434.167 ppb	425.057 ppb	1.4 %	10,503,468 cps
60Ni (KED)	17.423 ppb	17.426 ppb	17.462 ppb	17.381 ppb	0.2 %	242,057 cps
65Cu (KED)	97.724 ppb	100.929 ppb	95.858 ppb	96.384 ppb	2.9 %	1,517,573 cps
66Zn (KED)	355.838 ppb	362.035 ppb	357.293 ppb	348.185 ppb	2.0 %	2,270,594 cps
75As (KED)	0.101 ppb	0.109 ppb	0.089 ppb	0.104 ppb	10.2 %	406 cps
78Se (KED)	0.091 ppb	0.152 ppb	0.034 ppb	0.085 ppb	65.2 %	37 cps
95Mo (KED)	3.463 ppb	3.538 ppb	3.497 ppb	3.353 ppb	2.8 %	79,313 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
111Cd (KED)	0.850 ppb	0.862 ppb	0.836 ppb	0.851 ppb	1.5 %	10,941 cps
201Hg (KED)	0.007 ppb	0.007 ppb	0.009 ppb	0.005 ppb	32.8 %	106 cps
202Hg (KED)	0.007 ppb	0.005 ppb	0.007 ppb	0.008 ppb	23.3 %	257 cps
206Pb (KED)	0.106 ppb	0.108 ppb	0.106 ppb	0.104 ppb	2.1 %	9,407 cps
207Pb (KED)	0.101 ppb	0.105 ppb	0.103 ppb	0.095 ppb	4.9 %	7,921 cps
208Pb (KED)	0.106 ppb	0.111 ppb	0.104 ppb	0.103 ppb	4.0 %	57,330 cps

Analysis index: 21 Analysis label: 1064.001 Analysis started at: 15-Mar-23 2:39:33 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.200 ppb	9.444 ppb	10.639 ppb	10.518 ppb	6.5 %	346,423 cps
55Mn (KED)	398.935 ppb	388.403 ppb	404.160 ppb	404.243 ppb	2.3 %	6,256,071 cps
56Fe (KED)	427.355 ppb	430.122 ppb	427.281 ppb	424.662 ppb	0.6 %	10,390,389 cps
60Ni (KED)	17.318 ppb	16.912 ppb	17.649 ppb	17.392 ppb	2.2 %	240,601 cps
65Cu (KED)	98.093 ppb	94.388 ppb	99.848 ppb	100.043 ppb	3.3 %	1,523,294 cps
66Zn (KED)	360.421 ppb	360.876 ppb	364.418 ppb	355.970 ppb	1.2 %	2,299,785 cps
75As (KED)	0.092 ppb	0.087 ppb	0.094 ppb	0.096 ppb	5.1 %	376 cps
78Se (KED)	0.124 ppb	0.164 ppb	0.110 ppb	0.098 ppb	28.6 %	47 cps
95Mo (KED)	3.453 ppb	3.525 ppb	3.460 ppb	3.376 ppb	2.2 %	79,102 cps
111Cd (KED)	0.828 ppb	0.873 ppb	0.824 ppb	0.786 ppb	5.2 %	10,659 cps
201Hg (KED)	0.009 ppb	0.008 ppb	0.005 ppb	0.014 ppb	50.1 %	121 cps
202Hg (KED)	0.007 ppb	0.007 ppb	0.008 ppb	0.006 ppb	11.0 %	257 cps
206Pb (KED)	0.106 ppb	0.109 ppb	0.107 ppb	0.103 ppb	2.9 %	9,451 cps
207Pb (KED)	0.104 ppb	0.109 ppb	0.102 ppb	0.102 ppb	3.9 %	8,107 cps
208Pb (KED)	0.108 ppb	0.109 ppb	0.108 ppb	0.106 ppb	1.4 %	58,119 cps

Analysis index: 22 Analysis label: 1065.001 Analysis started at: 15-Mar-23 2:41:47 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.163 ppb	10.403 ppb	10.189 ppb	9.897 ppb	2.5 %	345,180 cps
55Mn (KED)	380.060 ppb	384.619 ppb	380.632 ppb	374.928 ppb	1.3 %	5,960,133 cps
56Fe (KED)	406.623 ppb	410.879 ppb	408.128 ppb	400.863 ppb	1.3 %	9,890,559 cps
60Ni (KED)	16.878 ppb	17.302 ppb	16.841 ppb	16.490 ppb	2.4 %	234,518 cps
65Cu (KED)	94.735 ppb	96.819 ppb	93.245 ppb	94.139 ppb	2.0 %	1,471,277 cps
66Zn (KED)	349.196 ppb	359.457 ppb	347.975 ppb	340.155 ppb	2.8 %	2,228,298 cps
75As (KED)	0.077 ppb	0.090 ppb	0.083 ppb	0.060 ppb	20.5 %	326 cps
78Se (KED)	0.120 ppb	0.077 ppb	0.102 ppb	0.182 ppb	45.5 %	46 cps
95Mo (KED)	3.441 ppb	3.653 ppb	3.404 ppb	3.267 ppb	5.7 %	78,830 cps
111Cd (KED)	0.860 ppb	0.895 ppb	0.864 ppb	0.821 ppb	4.3 %	11,072 cps
201Hg (KED)	0.005 ppb	0.004 ppb	0.008 ppb	0.003 ppb	55.0 %	90 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
202Hg (KED)	0.006 ppb	0.006 ppb	0.005 ppb	0.006 ppb	11.0 %	232 cps
206Pb (KED)	0.106 ppb	0.119 ppb	0.103 ppb	0.097 ppb	10.7 %	9,449 cps
207Pb (KED)	0.100 ppb	0.103 ppb	0.100 ppb	0.096 ppb	3.5 %	7,863 cps
208Pb (KED)	0.106 ppb	0.114 ppb	0.104 ppb	0.101 ppb	6.7 %	57,513 cps

Analysis index: 23 Analysis label: 1066.001 Analysis started at: 15-Mar-23 2:43:57 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.137 ppb	9.996 ppb	10.259 ppb	10.155 ppb	1.3 %	344,304 cps
55Mn (KED)	425.507 ppb	411.946 ppb	439.304 ppb	425.271 ppb	3.2 %	6,672,671 cps
56Fe (KED)	433.867 ppb	421.278 ppb	433.413 ppb	446.910 ppb	3.0 %	10,547,398 cps
60Ni (KED)	17.604 ppb	17.097 ppb	17.688 ppb	18.028 ppb	2.7 %	244,566 cps
65Cu (KED)	102.989 ppb	100.913 ppb	105.011 ppb	103.043 ppb	2.0 %	1,599,136 cps
66Zn (KED)	370.893 ppb	362.806 ppb	372.928 ppb	376.945 ppb	2.0 %	2,366,473 cps
75As (KED)	0.092 ppb	0.090 ppb	0.100 ppb	0.086 ppb	8.0 %	375 cps
78Se (KED)	0.074 ppb	0.018 ppb	0.059 ppb	0.145 ppb	87.1 %	32 cps
95Mo (KED)	3.578 ppb	3.417 ppb	3.564 ppb	3.752 ppb	4.7 %	81,913 cps
111Cd (KED)	0.866 ppb	0.810 ppb	0.883 ppb	0.904 ppb	5.7 %	11,146 cps
201Hg (KED)	0.006 ppb	0.004 ppb	0.006 ppb	0.009 ppb	38.6 %	97 cps
202Hg (KED)	0.005 ppb	0.005 ppb	0.001 ppb	0.008 ppb	69.3 %	219 cps
206Pb (KED)	0.107 ppb	0.103 ppb	0.111 ppb	0.108 ppb	3.9 %	9,492 cps
207Pb (KED)	0.110 ppb	0.101 ppb	0.118 ppb	0.111 ppb	7.3 %	8,450 cps
208Pb (KED)	0.108 ppb	0.103 ppb	0.111 ppb	0.109 ppb	4.1 %	57,964 cps

Analysis index: 24 Analysis label: 1068.001 Analysis started at: 15-Mar-23 2:46:07 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.485 ppb	9.834 ppb	10.422 ppb	11.199 ppb	6.5 %	355,944 cps
55Mn (KED)	369.532 ppb	348.716 ppb	368.985 ppb	390.894 ppb	5.7 %	5,795,070 cps
56Fe (KED)	382.826 ppb	364.469 ppb	377.077 ppb	406.932 ppb	5.7 %	9,316,815 cps
60Ni (KED)	15.895 ppb	15.252 ppb	15.783 ppb	16.650 ppb	4.4 %	220,922 cps
65Cu (KED)	91.448 ppb	88.446 ppb	91.416 ppb	94.481 ppb	3.3 %	1,420,365 cps
66Zn (KED)	341.981 ppb	325.179 ppb	338.777 ppb	361.987 ppb	5.4 %	2,182,347 cps
75As (KED)	0.073 ppb	0.077 ppb	0.064 ppb	0.078 ppb	10.7 %	312 cps
78Se (KED)	0.079 ppb	0.115 ppb	0.044 ppb	0.077 ppb	45.8 %	34 cps
95Mo (KED)	3.316 ppb	3.109 ppb	3.377 ppb	3.461 ppb	5.5 %	75,989 cps
111Cd (KED)	0.833 ppb	0.777 ppb	0.857 ppb	0.866 ppb	5.9 %	10,731 cps
201Hg (KED)	0.005 ppb	0.002 ppb	0.008 ppb	0.003 ppb	65.7 %	86 cps
202Hg (KED)	0.004 ppb	0.004 ppb	0.003 ppb	0.003 ppb	12.3 %	194 cps
206Pb (KED)	0.148 ppb	0.145 ppb	0.149 ppb	0.149 ppb	1.5 %	12,144 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
207Pb (KED)	0.142 ppb	0.138 ppb	0.140 ppb	0.147 ppb	3.5 %	10,292 cps
208Pb (KED)	0.146 ppb	0.144 ppb	0.144 ppb	0.151 ppb	2.7 %	73,441 cps

Analysis index: 25 Analysis label: 1316.001 Analysis started at: 15-Mar-23 2:48:18 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.841 ppb	10.797 ppb	10.750 ppb	10.977 ppb	1.1 %	367,838 cps
55Mn (KED)	356.404 ppb	356.995 ppb	349.622 ppb	362.596 ppb	1.8 %	5,589,255 cps
56Fe (KED)	360.865 ppb	353.726 ppb	365.549 ppb	363.322 ppb	1.7 %	8,787,355 cps
60Ni (KED)	12.315 ppb	12.556 ppb	12.350 ppb	12.040 ppb	2.1 %	171,397 cps
65Cu (KED)	58.003 ppb	59.747 ppb	56.845 ppb	57.417 ppb	2.7 %	902,337 cps
66Zn (KED)	257.419 ppb	260.909 ppb	252.882 ppb	258.465 ppb	1.6 %	1,643,819 cps
75As (KED)	0.068 ppb	0.077 ppb	0.069 ppb	0.056 ppb	15.4 %	293 cps
78Se (KED)	0.097 ppb	0.139 ppb	0.089 ppb	0.062 ppb	40.3 %	39 cps
95Mo (KED)	1.870 ppb	1.875 ppb	1.858 ppb	1.876 ppb	0.5 %	43,296 cps
111Cd (KED)	0.249 ppb	0.229 ppb	0.263 ppb	0.255 ppb	7.0 %	3,213 cps
201Hg (KED)	0.002 ppb	0.001 ppb	0.002 ppb	0.002 ppb	40.6 %	63 cps
202Hg (KED)	0.002 ppb	0.000 ppb	0.003 ppb	0.002 ppb	68.6 %	160 cps
206Pb (KED)	0.157 ppb	0.162 ppb	0.152 ppb	0.155 ppb	3.2 %	12,707 cps
207Pb (KED)	0.150 ppb	0.152 ppb	0.136 ppb	0.160 ppb	8.4 %	10,749 cps
208Pb (KED)	0.152 ppb	0.152 ppb	0.151 ppb	0.152 ppb	0.3 %	75,668 cps

Analysis index: 26 Analysis label: 1048.001 Analysis started at: 15-Mar-23 2:50:29 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.397 ppb	11.451 ppb	11.507 ppb	11.232 ppb	1.3 %	386,379 cps
55Mn (KED)	348.760 ppb	349.470 ppb	357.401 ppb	339.409 ppb	2.6 %	5,469,403 cps
56Fe (KED)	1,158.627 ppb	1,164.458 ppb	1,167.983 ppb	1,143.440 ppb	1.1 %	28,021,082 cps
60Ni (KED)	80.842 ppb	82.341 ppb	79.935 ppb	80.250 ppb	1.6 %	1,119,430 cps
65Cu (KED)	193.525 ppb	196.688 ppb	192.465 ppb	191.422 ppb	1.4 %	3,001,461 cps
66Zn (KED)	477.459 ppb	483.748 ppb	477.956 ppb	470.671 ppb	1.4 %	3,045,128 cps
75As (KED)	0.293 ppb	0.294 ppb	0.271 ppb	0.315 ppb	7.4 %	1,054 cps
78Se (KED)	1.950 ppb	1.870 ppb	1.864 ppb	2.118 ppb	7.4 %	572 cps
95Mo (KED)	47.775 ppb	47.800 ppb	46.426 ppb	49.099 ppb	2.8 %	1,081,288 cps
111Cd (KED)	0.335 ppb	0.335 ppb	0.327 ppb	0.342 ppb	2.2 %	4,316 cps
201Hg (KED)	0.002 ppb	0.000 ppb	0.003 ppb	0.002 ppb	88.1 %	64 cps
202Hg (KED)	0.003 ppb	0.001 ppb	0.004 ppb	0.005 ppb	57.3 %	188 cps
206Pb (KED)	0.603 ppb	0.595 ppb	0.623 ppb	0.592 ppb	2.9 %	41,778 cps
207Pb (KED)	0.576 ppb	0.571 ppb	0.596 ppb	0.559 ppb	3.3 %	35,495 cps
208Pb (KED)	0.606 ppb	0.592 ppb	0.623 ppb	0.602 ppb	2.6 %	256,683 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 27 Analysis label: 1048.001MD Analysis started at: 15-Mar-23 2:52:41 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.193 ppb	11.330 ppb	11.211 ppb	11.039 ppb	1.3 %	379,595 cps
55Mn (KED)	332.578 ppb	339.902 ppb	329.930 ppb	327.901 ppb	1.9 %	5,215,691 cps
56Fe (KED)	1,134.490 ppb	1,114.532 ppb	1,140.279 ppb	1,148.661 ppb	1.6 %	27,439,155 cps
60Ni (KED)	79.593 ppb	80.210 ppb	79.304 ppb	79.265 ppb	0.7 %	1,102,149 cps
65Cu (KED)	192.237 ppb	194.113 ppb	192.319 ppb	190.280 ppb	1.0 %	2,981,513 cps
66Zn (KED)	474.447 ppb	489.859 ppb	478.475 ppb	455.008 ppb	3.7 %	3,025,952 cps
75As (KED)	0.272 ppb	0.289 ppb	0.279 ppb	0.249 ppb	7.6 %	984 cps
78Se (KED)	1.869 ppb	1.884 ppb	1.892 ppb	1.832 ppb	1.7 %	548 cps
95Mo (KED)	44.456 ppb	44.737 ppb	44.726 ppb	43.904 ppb	1.1 %	1,006,232 cps
111Cd (KED)	0.331 ppb	0.331 ppb	0.339 ppb	0.324 ppb	2.2 %	4,270 cps
201Hg (KED)	0.002 ppb	0.001 ppb	0.005 ppb	0.001 ppb	85.1 %	68 cps
202Hg (KED)	0.003 ppb	0.006 ppb	0.001 ppb	0.003 ppb	66.1 %	190 cps
206Pb (KED)	0.658 ppb	0.648 ppb	0.667 ppb	0.657 ppb	1.5 %	45,312 cps
207Pb (KED)	0.601 ppb	0.590 ppb	0.617 ppb	0.596 ppb	2.4 %	36,986 cps
208Pb (KED)	0.648 ppb	0.635 ppb	0.661 ppb	0.649 ppb	2.1 %	273,637 cps

Analysis index: 28 Analysis label: 1048.001MF Analysis started at: 15-Mar-23 2:54:53 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	42.013 ppb	41.275 ppb	42.477 ppb	42.286 ppb	1.5 %	1,408,836 cps
55Mn (KED)	376.388 ppb	380.936 ppb	374.935 ppb	373.294 ppb	1.1 %	5,902,567 cps
56Fe (KED)	1,182.626 ppb	1,163.937 ppb	1,188.928 ppb	1,195.012 ppb	1.4 %	28,599,680 cps
60Ni (KED)	109.096 ppb	111.382 ppb	111.291 ppb	104.617 ppb	3.6 %	1,510,317 cps
65Cu (KED)	233.952 ppb	237.416 ppb	234.399 ppb	230.040 ppb	1.6 %	3,627,642 cps
66Zn (KED)	493.751 ppb	499.751 ppb	494.392 ppb	487.111 ppb	1.3 %	3,148,888 cps
75As (KED)	59.027 ppb	59.773 ppb	59.456 ppb	57.853 ppb	1.7 %	198,980 cps
78Se (KED)	61.269 ppb	62.361 ppb	60.756 ppb	60.691 ppb	1.5 %	17,631 cps
95Mo (KED)	89.453 ppb	88.879 ppb	89.161 ppb	90.320 ppb	0.9 %	2,023,706 cps
111Cd (KED)	45.802 ppb	45.531 ppb	45.476 ppb	46.399 ppb	1.1 %	589,038 cps
201Hg (KED)	0.010 ppb	0.012 ppb	0.008 ppb	0.010 ppb	15.8 %	129 cps
202Hg (KED)	0.011 ppb	0.012 ppb	0.012 ppb	0.009 ppb	15.5 %	332 cps
206Pb (KED)	52.124 ppb	53.507 ppb	50.836 ppb	52.030 ppb	2.6 %	3,394,690 cps
207Pb (KED)	56.813 ppb	56.657 ppb	56.906 ppb	56.874 ppb	0.2 %	3,302,371 cps
208Pb (KED)	52.579 ppb	52.577 ppb	51.522 ppb	53.638 ppb	2.0 %	20,979,765 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 29 Analysis label: CCV bajo 2 Analysis started at: 15-Mar-23 2:57:06 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.239 ppb	5.163 ppb	5.285 ppb	5.269 ppb	1.3 %	180,740 cps
55Mn (KED)	57.380 ppb	55.273 ppb	58.696 ppb	58.171 ppb	3.2 %	901,028 cps
56Fe (KED)	60.686 ppb	60.765 ppb	60.259 ppb	61.035 ppb	0.6 %	1,550,154 cps
60Ni (KED)	5.515 ppb	5.472 ppb	5.709 ppb	5.364 ppb	3.2 %	77,320 cps
65Cu (KED)	71.429 ppb	68.974 ppb	73.707 ppb	71.605 ppb	3.3 %	1,110,286 cps
66Zn (KED)	50.505 ppb	50.354 ppb	51.505 ppb	49.657 ppb	1.8 %	326,108 cps
75As (KED)	5.293 ppb	5.276 ppb	5.465 ppb	5.139 ppb	3.1 %	17,903 cps
78Se (KED)	5.338 ppb	5.189 ppb	5.655 ppb	5.170 ppb	5.2 %	1,546 cps
95Mo (KED)	5.447 ppb	5.151 ppb	5.680 ppb	5.508 ppb	5.0 %	124,172 cps
111Cd (KED)	4.780 ppb	4.532 ppb	5.001 ppb	4.805 ppb	4.9 %	61,479 cps
201Hg (KED)	0.414 ppb	0.432 ppb	0.396 ppb	0.412 ppb	4.3 %	3,365 cps
202Hg (KED)	0.390 ppb	0.377 ppb	0.406 ppb	0.388 ppb	3.8 %	7,643 cps
206Pb (KED)	5.711 ppb	5.825 ppb	5.596 ppb	5.713 ppb	2.0 %	374,186 cps
207Pb (KED)	5.248 ppb	5.269 ppb	5.438 ppb	5.036 ppb	3.8 %	306,918 cps
208Pb (KED)	5.654 ppb	5.872 ppb	5.626 ppb	5.465 ppb	3.6 %	2,269,668 cps

Analysis index: 30 Analysis label: CCV alto 2 Analysis started at: 15-Mar-23 2:59:21 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	23.639 ppb	23.236 ppb	23.548 ppb	24.134 ppb	1.9 %	795,245 cps
55Mn (KED)	229.995 ppb	227.795 ppb	229.459 ppb	232.731 ppb	1.1 %	3,607,356 cps
56Fe (KED)	227.215 ppb	227.742 ppb	223.993 ppb	229.911 ppb	1.3 %	5,565,102 cps
60Ni (KED)	27.094 ppb	26.615 ppb	27.539 ppb	27.128 ppb	1.7 %	375,852 cps
65Cu (KED)	265.695 ppb	264.421 ppb	261.744 ppb	270.919 ppb	1.8 %	4,119,315 cps
66Zn (KED)	266.955 ppb	263.346 ppb	270.134 ppb	267.385 ppb	1.3 %	1,704,551 cps
75As (KED)	26.191 ppb	25.527 ppb	26.436 ppb	26.610 ppb	2.2 %	88,325 cps
78Se (KED)	26.393 ppb	26.346 ppb	26.433 ppb	26.399 ppb	0.2 %	7,601 cps
95Mo (KED)	25.817 ppb	26.064 ppb	26.078 ppb	25.310 ppb	1.7 %	584,790 cps
111Cd (KED)	24.019 ppb	24.007 ppb	24.322 ppb	23.730 ppb	1.2 %	308,907 cps
201Hg (KED)	2.636 ppb	2.567 ppb	2.700 ppb	2.643 ppb	2.5 %	21,187 cps
202Hg (KED)	2.494 ppb	2.461 ppb	2.617 ppb	2.403 ppb	4.4 %	48,140 cps
206Pb (KED)	28.535 ppb	27.860 ppb	29.672 ppb	28.073 ppb	3.5 %	1,859,528 cps
207Pb (KED)	27.314 ppb	27.220 ppb	28.761 ppb	25.960 ppb	5.1 %	1,588,753 cps
208Pb (KED)	25.814 ppb	26.029 ppb	25.938 ppb	25.476 ppb	1.2 %	10,307,960 cps

Analysis index: 31 Analysis label: Bk2 Analysis started at: 15-Mar-23 3:01:36 PM

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.019 ppb	0.022 ppb	0.018 ppb	0.017 ppb	13.0 %	6,420 cps
55Mn (KED)	0.052 ppb	0.043 ppb	0.056 ppb	0.056 ppb	15.2 %	2,211 cps
56Fe (KED)	-0.352 ppb	-0.354 ppb	-0.381 ppb	-0.321 ppb	8.6 %	78,543 cps
60Ni (KED)	0.007 ppb	0.002 ppb	0.006 ppb	0.014 ppb	88.5 %	1,122 cps
65Cu (KED)	-0.032 ppb	-0.026 ppb	-0.037 ppb	-0.032 ppb	16.6 %	3,424 cps
66Zn (KED)	0.134 ppb	0.162 ppb	0.124 ppb	0.117 ppb	18.2 %	5,323 cps
75As (KED)	0.010 ppb	0.004 ppb	0.015 ppb	0.010 ppb	56.3 %	99 cps
78Se (KED)	-0.010 ppb	0.002 ppb	-0.016 ppb	-0.016 ppb	104.5 %	8 cps
95Mo (KED)	0.122 ppb	0.126 ppb	0.121 ppb	0.119 ppb	3.2 %	3,777 cps
111Cd (KED)	0.001 ppb	0.003 ppb	0.001 ppb	0.001 ppb	71.6 %	31 cps
201Hg (KED)	0.015 ppb	0.019 ppb	0.010 ppb	0.016 ppb	31.0 %	171 cps
202Hg (KED)	0.016 ppb	0.019 ppb	0.016 ppb	0.013 ppb	20.3 %	432 cps
206Pb (KED)	-0.001 ppb	-0.001 ppb	0.000 ppb	-0.001 ppb	68.4 %	2,465 cps
207Pb (KED)	0.002 ppb	0.001 ppb	0.002 ppb	0.004 ppb	59.9 %	2,197 cps
208Pb (KED)	0.000 ppb	0.000 ppb	-0.001 ppb	0.000 ppb	283.6 %	14,944 cps

Analysis index: 32 Analysis label: 1049.001 Analysis started at: 15-Mar-23 3:03:52 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.417 ppb	10.836 ppb	11.387 ppb	12.029 ppb	5.2 %	387,069 cps
55Mn (KED)	396.667 ppb	380.241 ppb	391.163 ppb	418.596 ppb	5.0 %	6,220,503 cps
56Fe (KED)	1,191.889 ppb	1,151.278 ppb	1,185.490 ppb	1,238.900 ppb	3.7 %	28,823,022 cps
60Ni (KED)	86.572 ppb	84.090 ppb	85.141 ppb	90.485 ppb	4.0 %	1,198,707 cps
65Cu (KED)	192.176 ppb	183.158 ppb	189.971 ppb	203.399 ppb	5.4 %	2,980,566 cps
66Zn (KED)	495.488 ppb	479.138 ppb	492.946 ppb	514.379 ppb	3.6 %	3,159,945 cps
75As (KED)	0.283 ppb	0.271 ppb	0.297 ppb	0.280 ppb	4.7 %	1,018 cps
78Se (KED)	2.143 ppb	1.809 ppb	2.262 ppb	2.359 ppb	13.7 %	627 cps
95Mo (KED)	46.313 ppb	44.467 ppb	46.310 ppb	48.162 ppb	4.0 %	1,048,230 cps
111Cd (KED)	0.331 ppb	0.330 ppb	0.332 ppb	0.330 ppb	0.4 %	4,270 cps
201Hg (KED)	0.011 ppb	0.013 ppb	0.011 ppb	0.009 ppb	19.3 %	138 cps
202Hg (KED)	0.010 ppb	0.010 ppb	0.009 ppb	0.011 ppb	10.6 %	324 cps
206Pb (KED)	0.564 ppb	0.541 ppb	0.559 ppb	0.594 ppb	4.8 %	39,252 cps
207Pb (KED)	0.510 ppb	0.491 ppb	0.523 ppb	0.516 ppb	3.3 %	31,687 cps
208Pb (KED)	0.547 ppb	0.529 ppb	0.551 ppb	0.561 ppb	2.9 %	233,122 cps

Analysis index: 33 Analysis label: 1174.001 Analysis started at: 15-Mar-23 3:06:02 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.125 ppb	10.219 ppb	9.916 ppb	10.240 ppb	1.8 %	343,907 cps
55Mn (KED)	345.144 ppb	348.465 ppb	333.835 ppb	353.130 ppb	2.9 %	5,412,703 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
56Fe (KED)	1,075.897 ppb	1,095.625 ppb	1,041.617 ppb	1,090.449 ppb	2.8 %	26,026,500 cps
60Ni (KED)	71.710 ppb	70.052 ppb	70.340 ppb	74.737 ppb	3.7 %	993,088 cps
65Cu (KED)	184.801 ppb	180.606 ppb	184.188 ppb	189.608 ppb	2.5 %	2,866,326 cps
66Zn (KED)	462.926 ppb	448.035 ppb	460.124 ppb	480.619 ppb	3.6 %	2,952,578 cps
75As (KED)	0.240 ppb	0.227 ppb	0.263 ppb	0.229 ppb	8.5 %	873 cps
78Se (KED)	1.931 ppb	1.922 ppb	1.894 ppb	1.977 ppb	2.2 %	566 cps
95Mo (KED)	53.643 ppb	52.910 ppb	52.494 ppb	55.526 ppb	3.1 %	1,213,980 cps
111Cd (KED)	0.331 ppb	0.332 ppb	0.323 ppb	0.336 ppb	2.1 %	4,263 cps
201Hg (KED)	0.005 ppb	0.003 ppb	0.005 ppb	0.007 ppb	31.0 %	89 cps
202Hg (KED)	0.005 ppb	0.007 ppb	0.004 ppb	0.003 ppb	39.3 %	216 cps
206Pb (KED)	0.392 ppb	0.386 ppb	0.382 ppb	0.407 ppb	3.5 %	28,012 cps
207Pb (KED)	0.378 ppb	0.369 ppb	0.379 ppb	0.386 ppb	2.2 %	24,030 cps
208Pb (KED)	0.386 ppb	0.388 ppb	0.372 ppb	0.397 ppb	3.3 %	168,930 cps

Analysis index: 34 Analysis label: 1182.001 Analysis started at: 15-Mar-23 3:08:13 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.704 ppb	10.859 ppb	10.800 ppb	10.453 ppb	2.0 %	363,245 cps
55Mn (KED)	322.562 ppb	316.520 ppb	326.127 ppb	325.039 ppb	1.6 %	5,058,660 cps
56Fe (KED)	986.389 ppb	976.270 ppb	999.807 ppb	983.090 ppb	1.2 %	23,868,494 cps
60Ni (KED)	64.612 ppb	64.636 ppb	63.535 ppb	65.666 ppb	1.6 %	894,900 cps
65Cu (KED)	178.083 ppb	177.902 ppb	177.203 ppb	179.144 ppb	0.6 %	2,762,279 cps
66Zn (KED)	446.773 ppb	449.547 ppb	445.646 ppb	445.126 ppb	0.5 %	2,849,707 cps
75As (KED)	0.360 ppb	0.366 ppb	0.348 ppb	0.364 ppb	2.8 %	1,277 cps
78Se (KED)	3.705 ppb	3.821 ppb	3.599 ppb	3.694 ppb	3.0 %	1,076 cps
95Mo (KED)	73.996 ppb	72.644 ppb	74.286 ppb	75.057 ppb	1.7 %	1,674,183 cps
111Cd (KED)	0.341 ppb	0.335 ppb	0.346 ppb	0.343 ppb	1.7 %	4,402 cps
201Hg (KED)	0.005 ppb	0.003 ppb	0.003 ppb	0.009 ppb	69.9 %	90 cps
202Hg (KED)	0.003 ppb	0.003 ppb	0.003 ppb	0.003 ppb	7.8 %	184 cps
206Pb (KED)	0.705 ppb	0.687 ppb	0.723 ppb	0.706 ppb	2.6 %	48,404 cps
207Pb (KED)	0.664 ppb	0.656 ppb	0.670 ppb	0.665 ppb	1.1 %	40,614 cps
208Pb (KED)	0.706 ppb	0.692 ppb	0.720 ppb	0.705 ppb	1.9 %	296,386 cps

Analysis index: 35 Analysis label: 1195.001 Analysis started at: 15-Mar-23 3:10:24 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.988 ppb	9.655 ppb	10.073 ppb	10.238 ppb	3.0 %	339,354 cps
55Mn (KED)	356.962 ppb	342.985 ppb	363.645 ppb	364.254 ppb	3.4 %	5,597,991 cps
56Fe (KED)	1,028.420 ppb	995.918 ppb	1,031.026 ppb	1,058.318 ppb	3.0 %	24,881,848 cps
60Ni (KED)	88.332 ppb	89.688 ppb	87.848 ppb	87.460 ppb	1.3 %	1,223,046 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
65Cu (KED)	188.570 ppb	187.836 ppb	194.542 ppb	183.333 ppb	3.0 %	2,924,719 cps
66Zn (KED)	469.469 ppb	466.022 ppb	483.353 ppb	459.032 ppb	2.7 %	2,994,248 cps
75As (KED)	0.257 ppb	0.243 ppb	0.254 ppb	0.275 ppb	6.3 %	933 cps
78Se (KED)	1.780 ppb	1.801 ppb	1.781 ppb	1.759 ppb	1.2 %	523 cps
95Mo (KED)	43.680 ppb	42.876 ppb	43.578 ppb	44.586 ppb	2.0 %	988,693 cps
111Cd (KED)	0.353 ppb	0.348 ppb	0.365 ppb	0.348 ppb	2.7 %	4,557 cps
201Hg (KED)	0.003 ppb	0.005 ppb	0.006 ppb	-0.001 ppb	126.4 %	75 cps
202Hg (KED)	0.005 ppb	0.005 ppb	0.004 ppb	0.005 ppb	13.2 %	221 cps
206Pb (KED)	0.631 ppb	0.614 ppb	0.636 ppb	0.641 ppb	2.2 %	43,558 cps
207Pb (KED)	0.580 ppb	0.575 ppb	0.602 ppb	0.564 ppb	3.4 %	35,777 cps
208Pb (KED)	0.617 ppb	0.622 ppb	0.629 ppb	0.600 ppb	2.5 %	261,041 cps

Analysis index: 36 Analysis label: 1235.001 Analysis started at: 15-Mar-23 3:12:35 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.073 ppb	11.579 ppb	9.815 ppb	11.825 ppb	9.9 %	375,575 cps
55Mn (KED)	327.248 ppb	320.304 ppb	319.269 ppb	342.172 ppb	4.0 %	5,132,136 cps
56Fe (KED)	1,197.851 ppb	1,222.303 ppb	1,165.793 ppb	1,205.458 ppb	2.4 %	28,966,762 cps
60Ni (KED)	60.806 ppb	59.624 ppb	60.195 ppb	62.599 ppb	2.6 %	842,242 cps
65Cu (KED)	185.225 ppb	186.440 ppb	181.234 ppb	188.001 ppb	1.9 %	2,872,902 cps
66Zn (KED)	460.644 ppb	457.104 ppb	447.369 ppb	477.461 ppb	3.3 %	2,938,048 cps
75As (KED)	0.404 ppb	0.388 ppb	0.405 ppb	0.420 ppb	4.0 %	1,428 cps
78Se (KED)	2.543 ppb	2.537 ppb	2.451 ppb	2.642 ppb	3.8 %	742 cps
95Mo (KED)	57.649 ppb	56.455 ppb	57.539 ppb	58.953 ppb	2.2 %	1,304,553 cps
111Cd (KED)	0.335 ppb	0.324 ppb	0.330 ppb	0.352 ppb	4.4 %	4,320 cps
201Hg (KED)	0.003 ppb	0.003 ppb	0.002 ppb	0.003 ppb	26.7 %	71 cps
202Hg (KED)	0.004 ppb	0.003 ppb	0.002 ppb	0.005 ppb	37.0 %	193 cps
206Pb (KED)	0.698 ppb	0.680 ppb	0.698 ppb	0.717 ppb	2.7 %	47,960 cps
207Pb (KED)	0.642 ppb	0.621 ppb	0.647 ppb	0.659 ppb	3.1 %	39,367 cps
208Pb (KED)	0.685 ppb	0.653 ppb	0.679 ppb	0.723 ppb	5.2 %	288,263 cps

Analysis index: 37 Analysis label: 1281.001 Analysis started at: 15-Mar-23 3:14:47 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.901 ppb	10.544 ppb	9.603 ppb	9.557 ppb	5.6 %	336,449 cps
55Mn (KED)	358.023 ppb	377.914 ppb	351.774 ppb	344.383 ppb	4.9 %	5,614,637 cps
56Fe (KED)	1,332.544 ppb	1,392.592 ppb	1,294.916 ppb	1,310.124 ppb	3.9 %	32,214,158 cps
60Ni (KED)	66.046 ppb	67.515 ppb	64.882 ppb	65.742 ppb	2.0 %	914,741 cps
65Cu (KED)	201.633 ppb	206.782 ppb	196.962 ppb	201.156 ppb	2.4 %	3,127,050 cps
66Zn (KED)	500.824 ppb	512.555 ppb	497.088 ppb	492.830 ppb	2.1 %	3,193,932 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
75As (KED)	0.412 ppb	0.421 ppb	0.403 ppb	0.413 ppb	2.2 %	1,454 cps
78Se (KED)	2.043 ppb	2.078 ppb	2.055 ppb	1.995 ppb	2.1 %	598 cps
95Mo (KED)	59.825 ppb	60.776 ppb	57.823 ppb	60.877 ppb	2.9 %	1,353,765 cps
111Cd (KED)	0.344 ppb	0.348 ppb	0.337 ppb	0.346 ppb	1.8 %	4,434 cps
201Hg (KED)	0.007 ppb	0.002 ppb	0.011 ppb	0.009 ppb	67.5 %	108 cps
202Hg (KED)	0.005 ppb	0.006 ppb	0.006 ppb	0.004 ppb	25.9 %	226 cps
206Pb (KED)	0.940 ppb	0.987 ppb	0.922 ppb	0.913 ppb	4.3 %	63,725 cps
207Pb (KED)	0.936 ppb	0.971 ppb	0.907 ppb	0.931 ppb	3.5 %	56,453 cps
208Pb (KED)	0.937 ppb	0.991 ppb	0.904 ppb	0.917 ppb	5.0 %	388,847 cps

Analysis index: 38 Analysis label: 1288.001 Analysis started at: 15-Mar-23 3:17:00 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	14.030 ppb	13.724 ppb	14.152 ppb	14.215 ppb	1.9 %	474,339 cps
55Mn (KED)	375.295 ppb	368.965 ppb	374.565 ppb	382.353 ppb	1.8 %	5,885,422 cps
56Fe (KED)	2,299.596 ppb	2,312.524 ppb	2,294.453 ppb	2,291.810 ppb	0.5 %	55,529,398 cps
60Ni (KED)	80.601 ppb	79.395 ppb	82.402 ppb	80.007 ppb	2.0 %	1,116,103 cps
65Cu (KED)	202.830 ppb	197.640 ppb	210.863 ppb	199.986 ppb	3.5 %	3,145,585 cps
66Zn (KED)	503.744 ppb	501.200 ppb	506.366 ppb	503.665 ppb	0.5 %	3,212,523 cps
75As (KED)	0.661 ppb	0.663 ppb	0.677 ppb	0.642 ppb	2.7 %	2,291 cps
78Se (KED)	1.613 ppb	1.650 ppb	1.431 ppb	1.758 ppb	10.3 %	475 cps
95Mo (KED)	55.998 ppb	56.395 ppb	57.111 ppb	54.487 ppb	2.4 %	1,267,216 cps
111Cd (KED)	0.394 ppb	0.410 ppb	0.389 ppb	0.383 ppb	3.6 %	5,078 cps
201Hg (KED)	0.016 ppb	0.018 ppb	0.016 ppb	0.013 ppb	15.4 %	175 cps
202Hg (KED)	0.023 ppb	0.024 ppb	0.024 ppb	0.022 ppb	3.6 %	575 cps
206Pb (KED)	1.957 ppb	1.981 ppb	1.886 ppb	2.004 ppb	3.2 %	129,893 cps
207Pb (KED)	1.848 ppb	1.869 ppb	1.801 ppb	1.873 ppb	2.2 %	109,385 cps
208Pb (KED)	1.933 ppb	1.926 ppb	1.902 ppb	1.972 ppb	1.8 %	785,953 cps

Analysis index: 39 Analysis label: 1289.001 Analysis started at: 15-Mar-23 3:19:12 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.931 ppb	10.648 ppb	11.237 ppb	10.907 ppb	2.7 %	370,829 cps
55Mn (KED)	360.006 ppb	346.679 ppb	364.199 ppb	369.139 ppb	3.3 %	5,645,715 cps
56Fe (KED)	1,909.023 ppb	1,879.937 ppb	1,897.912 ppb	1,949.219 ppb	1.9 %	46,112,829 cps
60Ni (KED)	74.961 ppb	74.903 ppb	76.163 ppb	73.817 ppb	1.6 %	1,038,066 cps
65Cu (KED)	197.247 ppb	197.080 ppb	193.925 ppb	200.735 ppb	1.7 %	3,059,107 cps
66Zn (KED)	476.100 ppb	479.896 ppb	466.637 ppb	481.768 ppb	1.7 %	3,036,479 cps
75As (KED)	0.546 ppb	0.510 ppb	0.570 ppb	0.558 ppb	5.8 %	1,906 cps
78Se (KED)	1.589 ppb	1.714 ppb	1.528 ppb	1.525 ppb	6.8 %	468 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
95Mo (KED)	56.131 ppb	57.265 ppb	54.349 ppb	56.780 ppb	2.8 %	1,270,234 cps
111Cd (KED)	0.379 ppb	0.381 ppb	0.367 ppb	0.390 ppb	3.1 %	4,892 cps
201Hg (KED)	0.013 ppb	0.012 ppb	0.016 ppb	0.013 ppb	15.0 %	157 cps
202Hg (KED)	0.014 ppb	0.016 ppb	0.014 ppb	0.011 ppb	17.7 %	392 cps
206Pb (KED)	1.605 ppb	1.560 ppb	1.655 ppb	1.600 ppb	3.0 %	106,956 cps
207Pb (KED)	1.505 ppb	1.466 ppb	1.528 ppb	1.523 ppb	2.3 %	89,512 cps
208Pb (KED)	1.599 ppb	1.568 ppb	1.654 ppb	1.574 ppb	3.0 %	652,518 cps

Analysis index: 40 Analysis label: 1292.001 Analysis started at: 15-Mar-23 3:21:24 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.158 ppb	10.225 ppb	12.024 ppb	11.224 ppb	8.1 %	378,396 cps
55Mn (KED)	375.097 ppb	377.902 ppb	383.970 ppb	363.419 ppb	2.8 %	5,882,327 cps
56Fe (KED)	2,276.347 ppb	2,324.494 ppb	2,261.286 ppb	2,243.260 ppb	1.9 %	54,968,867 cps
60Ni (KED)	84.376 ppb	86.313 ppb	84.251 ppb	82.564 ppb	2.2 %	1,168,324 cps
65Cu (KED)	192.689 ppb	195.355 ppb	195.883 ppb	186.830 ppb	2.6 %	2,988,516 cps
66Zn (KED)	483.159 ppb	491.521 ppb	492.356 ppb	465.599 ppb	3.1 %	3,081,430 cps
75As (KED)	0.734 ppb	0.764 ppb	0.726 ppb	0.710 ppb	3.7 %	2,537 cps
78Se (KED)	1.674 ppb	1.671 ppb	1.624 ppb	1.726 ppb	3.1 %	492 cps
95Mo (KED)	48.204 ppb	49.120 ppb	47.359 ppb	48.133 ppb	1.8 %	1,090,982 cps
111Cd (KED)	0.370 ppb	0.363 ppb	0.376 ppb	0.370 ppb	1.8 %	4,767 cps
201Hg (KED)	0.014 ppb	0.014 ppb	0.017 ppb	0.010 ppb	25.6 %	159 cps
202Hg (KED)	0.019 ppb	0.016 ppb	0.020 ppb	0.023 ppb	18.5 %	499 cps
206Pb (KED)	2.261 ppb	2.234 ppb	2.358 ppb	2.191 ppb	3.8 %	149,653 cps
207Pb (KED)	2.109 ppb	2.180 ppb	2.038 ppb	2.110 ppb	3.4 %	124,582 cps
208Pb (KED)	2.241 ppb	2.206 ppb	2.301 ppb	2.216 ppb	2.3 %	908,634 cps

Analysis index: 41 Analysis label: 1386.001 Analysis started at: 15-Mar-23 3:23:36 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.028 ppb	8.734 ppb	10.751 ppb	10.599 ppb	11.2 %	340,673 cps
55Mn (KED)	343.064 ppb	334.410 ppb	347.501 ppb	347.280 ppb	2.2 %	5,380,091 cps
56Fe (KED)	892.558 ppb	847.890 ppb	944.766 ppb	885.017 ppb	5.5 %	21,606,251 cps
60Ni (KED)	64.474 ppb	63.554 ppb	64.039 ppb	65.829 ppb	1.9 %	892,988 cps
65Cu (KED)	185.374 ppb	179.727 ppb	188.583 ppb	187.813 ppb	2.6 %	2,875,215 cps
66Zn (KED)	454.941 ppb	453.095 ppb	461.549 ppb	450.179 ppb	1.3 %	2,901,726 cps
75As (KED)	0.248 ppb	0.234 ppb	0.265 ppb	0.244 ppb	6.3 %	900 cps
78Se (KED)	5.230 ppb	5.305 ppb	5.162 ppb	5.222 ppb	1.4 %	1,515 cps
95Mo (KED)	75.586 ppb	72.085 ppb	78.553 ppb	76.120 ppb	4.3 %	1,710,143 cps
111Cd (KED)	0.299 ppb	0.283 ppb	0.294 ppb	0.321 ppb	6.5 %	3,863 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
201Hg (KED)	0.008 ppb	0.004 ppb	0.009 ppb	0.011 ppb	45.5 %	112 cps
202Hg (KED)	0.011 ppb	0.012 ppb	0.010 ppb	0.009 ppb	12.8 %	329 cps
206Pb (KED)	0.539 ppb	0.538 ppb	0.547 ppb	0.534 ppb	1.2 %	37,623 cps
207Pb (KED)	0.505 ppb	0.501 ppb	0.529 ppb	0.486 ppb	4.3 %	31,416 cps
208Pb (KED)	0.388 ppb	0.372 ppb	0.400 ppb	0.391 ppb	3.7 %	173,081 cps

Analysis index: 42 Analysis label: 1386.001MD Analysis started at: 15-Mar-23 3:25:47 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.455 ppb	10.290 ppb	10.410 ppb	10.664 ppb	1.8 %	354,923 cps
55Mn (KED)	321.826 ppb	320.538 ppb	321.255 ppb	323.685 ppb	0.5 %	5,047,119 cps
56Fe (KED)	887.660 ppb	886.188 ppb	866.890 ppb	909.901 ppb	2.4 %	21,488,161 cps
60Ni (KED)	64.237 ppb	62.484 ppb	66.662 ppb	63.566 ppb	3.4 %	889,713 cps
65Cu (KED)	185.417 ppb	184.957 ppb	191.286 ppb	180.008 ppb	3.0 %	2,875,873 cps
66Zn (KED)	462.514 ppb	452.143 ppb	482.975 ppb	452.423 ppb	3.8 %	2,949,953 cps
75As (KED)	0.264 ppb	0.264 ppb	0.286 ppb	0.242 ppb	8.3 %	954 cps
78Se (KED)	6.060 ppb	5.729 ppb	6.288 ppb	6.164 ppb	4.8 %	1,754 cps
95Mo (KED)	74.706 ppb	74.274 ppb	74.514 ppb	75.329 ppb	0.7 %	1,690,233 cps
111Cd (KED)	0.300 ppb	0.300 ppb	0.297 ppb	0.303 ppb	1.1 %	3,872 cps
201Hg (KED)	0.006 ppb	0.003 ppb	0.007 ppb	0.008 ppb	44.4 %	98 cps
202Hg (KED)	0.006 ppb	0.011 ppb	0.002 ppb	0.006 ppb	74.4 %	248 cps
206Pb (KED)	0.390 ppb	0.393 ppb	0.396 ppb	0.380 ppb	2.2 %	27,893 cps
207Pb (KED)	0.367 ppb	0.370 ppb	0.359 ppb	0.371 ppb	1.7 %	23,357 cps
208Pb (KED)	0.374 ppb	0.374 ppb	0.373 ppb	0.376 ppb	0.5 %	164,275 cps

Analysis index: 43 Analysis label: 1386.001MF Analysis started at: 15-Mar-23 3:27:59 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	40.865 ppb	41.989 ppb	39.079 ppb	41.526 ppb	3.8 %	1,370,505 cps
55Mn (KED)	367.780 ppb	368.030 ppb	355.234 ppb	380.075 ppb	3.4 %	5,767,605 cps
56Fe (KED)	887.342 ppb	891.525 ppb	862.182 ppb	908.319 ppb	2.6 %	21,480,510 cps
60Ni (KED)	118.614 ppb	114.302 ppb	118.546 ppb	122.993 ppb	3.7 %	1,641,984 cps
65Cu (KED)	228.200 ppb	228.295 ppb	225.920 ppb	230.386 ppb	1.0 %	3,538,552 cps
66Zn (KED)	495.621 ppb	493.886 ppb	492.667 ppb	500.311 ppb	0.8 %	3,160,796 cps
75As (KED)	57.645 ppb	57.628 ppb	57.255 ppb	58.051 ppb	0.7 %	194,321 cps
78Se (KED)	63.538 ppb	64.136 ppb	63.468 ppb	63.010 ppb	0.9 %	18,284 cps
95Mo (KED)	122.153 ppb	124.576 ppb	119.018 ppb	122.865 ppb	2.3 %	2,763,098 cps
111Cd (KED)	43.784 ppb	44.754 ppb	43.008 ppb	43.590 ppb	2.0 %	563,091 cps
201Hg (KED)	0.014 ppb	0.009 ppb	0.016 ppb	0.017 ppb	29.7 %	160 cps
202Hg (KED)	0.011 ppb	0.013 ppb	0.008 ppb	0.012 ppb	22.3 %	337 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
206Pb (KED)	53.077 ppb	54.014 ppb	51.648 ppb	53.570 ppb	2.4 %	3,456,701 cps
207Pb (KED)	55.535 ppb	59.783 ppb	50.507 ppb	56.314 ppb	8.4 %	3,228,130 cps
208Pb (KED)	52.155 ppb	53.209 ppb	51.035 ppb	52.221 ppb	2.1 %	20,810,656 cps

Analysis index: 44 Analysis label: CCV bajo 3 Analysis started at: 15-Mar-23 3:30:11 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.019 ppb	4.850 ppb	5.001 ppb	5.207 ppb	3.6 %	173,407 cps
55Mn (KED)	55.851 ppb	53.179 ppb	56.466 ppb	57.910 ppb	4.3 %	877,061 cps
56Fe (KED)	59.631 ppb	55.755 ppb	60.523 ppb	62.615 ppb	5.9 %	1,524,715 cps
60Ni (KED)	5.476 ppb	5.333 ppb	5.410 ppb	5.685 ppb	3.4 %	76,781 cps
65Cu (KED)	70.525 ppb	68.945 ppb	71.459 ppb	71.170 ppb	2.0 %	1,096,286 cps
66Zn (KED)	50.424 ppb	50.029 ppb	48.433 ppb	52.811 ppb	4.4 %	325,592 cps
75As (KED)	5.270 ppb	5.266 ppb	5.232 ppb	5.311 ppb	0.8 %	17,824 cps
78Se (KED)	4.789 ppb	4.599 ppb	4.733 ppb	5.035 ppb	4.7 %	1,388 cps
95Mo (KED)	5.683 ppb	5.570 ppb	5.646 ppb	5.834 ppb	2.4 %	129,528 cps
111Cd (KED)	4.710 ppb	4.550 ppb	4.730 ppb	4.852 ppb	3.2 %	60,589 cps
201Hg (KED)	0.412 ppb	0.411 ppb	0.419 ppb	0.405 ppb	1.6 %	3,349 cps
202Hg (KED)	0.383 ppb	0.368 ppb	0.399 ppb	0.381 ppb	4.2 %	7,493 cps
206Pb (KED)	5.528 ppb	5.367 ppb	5.521 ppb	5.695 ppb	3.0 %	362,247 cps
207Pb (KED)	5.432 ppb	5.376 ppb	5.327 ppb	5.591 ppb	2.6 %	317,589 cps
208Pb (KED)	5.478 ppb	5.355 ppb	5.412 ppb	5.667 ppb	3.0 %	2,199,323 cps

Analysis index: 45 Analysis label: CCV alto 3 Analysis started at: 15-Mar-23 3:32:25 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	23.591 ppb	23.310 ppb	23.210 ppb	24.253 ppb	2.4 %	793,622 cps
55Mn (KED)	237.241 ppb	239.145 ppb	233.109 ppb	239.468 ppb	1.5 %	3,720,959 cps
56Fe (KED)	226.092 ppb	228.805 ppb	221.335 ppb	228.137 ppb	1.8 %	5,538,026 cps
60Ni (KED)	27.333 ppb	27.558 ppb	27.666 ppb	26.777 ppb	1.8 %	379,164 cps
65Cu (KED)	270.744 ppb	268.753 ppb	274.121 ppb	269.358 ppb	1.1 %	4,197,522 cps
66Zn (KED)	249.868 ppb	261.190 ppb	220.634 ppb	267.780 ppb	10.2 %	1,595,734 cps
75As (KED)	26.659 ppb	26.897 ppb	26.532 ppb	26.547 ppb	0.8 %	89,901 cps
78Se (KED)	26.205 ppb	25.587 ppb	26.710 ppb	26.319 ppb	2.2 %	7,547 cps
95Mo (KED)	26.637 ppb	26.658 ppb	26.141 ppb	27.112 ppb	1.8 %	603,319 cps
111Cd (KED)	24.825 ppb	25.154 ppb	24.873 ppb	24.448 ppb	1.4 %	319,270 cps
201Hg (KED)	2.652 ppb	2.683 ppb	2.708 ppb	2.566 ppb	2.9 %	21,315 cps
202Hg (KED)	2.496 ppb	2.464 ppb	2.515 ppb	2.508 ppb	1.1 %	48,180 cps
206Pb (KED)	28.690 ppb	29.509 ppb	29.207 ppb	27.355 ppb	4.1 %	1,869,647 cps
207Pb (KED)	28.093 ppb	28.903 ppb	28.151 ppb	27.224 ppb	3.0 %	1,634,005 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
208Pb (KED)	25.907 ppb	25.933 ppb	26.453 ppb	25.336 ppb	2.2 %	10,344,993 cps

Analysis index: 46 Analysis label: Bk3 Analysis started at: 15-Mar-23 3:34:40 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.017 ppb	0.023 ppb	0.014 ppb	0.013 ppb	34.5 %	6,329 cps
55Mn (KED)	0.147 ppb	0.210 ppb	0.128 ppb	0.102 ppb	38.4 %	3,704 cps
56Fe (KED)	0.119 ppb	0.439 ppb	0.090 ppb	-0.173 ppb	258.8 %	89,890 cps
60Ni (KED)	0.030 ppb	0.035 ppb	0.033 ppb	0.021 ppb	25.7 %	1,430 cps
65Cu (KED)	-0.017 ppb	0.020 ppb	-0.023 ppb	-0.047 ppb	200.9 %	3,655 cps
66Zn (KED)	0.232 ppb	0.299 ppb	0.207 ppb	0.189 ppb	25.5 %	5,943 cps
75As (KED)	0.012 ppb	0.011 ppb	0.020 ppb	0.004 ppb	67.8 %	105 cps
78Se (KED)	0.020 ppb	-0.002 ppb	0.040 ppb	0.022 ppb	103.9 %	17 cps
95Mo (KED)	0.316 ppb	0.339 ppb	0.325 ppb	0.283 ppb	9.2 %	8,151 cps
111Cd (KED)	0.004 ppb	0.006 ppb	0.004 ppb	0.002 ppb	51.3 %	64 cps
201Hg (KED)	0.024 ppb	0.025 ppb	0.023 ppb	0.024 ppb	3.6 %	241 cps
202Hg (KED)	0.022 ppb	0.024 ppb	0.020 ppb	0.021 ppb	9.1 %	548 cps
206Pb (KED)	0.003 ppb	0.005 ppb	0.002 ppb	0.002 ppb	59.2 %	2,714 cps
207Pb (KED)	0.004 ppb	0.010 ppb	0.000 ppb	0.001 ppb	150.8 %	2,276 cps
208Pb (KED)	0.002 ppb	0.006 ppb	0.001 ppb	0.000 ppb	140.3 %	15,988 cps

Analysis index: 47 Analysis label: 1400.001 Analysis started at: 15-Mar-23 3:36:56 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.149 ppb	8.943 ppb	10.929 ppb	10.575 ppb	10.4 %	344,717 cps
55Mn (KED)	371.995 ppb	353.191 ppb	390.580 ppb	372.215 ppb	5.0 %	5,833,694 cps
56Fe (KED)	643.623 ppb	637.927 ppb	652.396 ppb	640.547 ppb	1.2 %	15,604,532 cps
60Ni (KED)	48.862 ppb	45.991 ppb	51.420 ppb	49.174 ppb	5.6 %	676,999 cps
65Cu (KED)	149.658 ppb	143.084 ppb	156.365 ppb	149.525 ppb	4.4 %	2,321,995 cps
66Zn (KED)	328.400 ppb	313.038 ppb	343.652 ppb	328.510 ppb	4.7 %	2,095,859 cps
75As (KED)	0.410 ppb	0.387 ppb	0.423 ppb	0.420 ppb	4.9 %	1,446 cps
78Se (KED)	2.948 ppb	2.766 ppb	3.114 ppb	2.964 ppb	5.9 %	859 cps
95Mo (KED)	85.635 ppb	81.397 ppb	92.299 ppb	83.211 ppb	6.8 %	1,937,373 cps
111Cd (KED)	0.320 ppb	0.302 ppb	0.337 ppb	0.322 ppb	5.4 %	4,134 cps
201Hg (KED)	0.009 ppb	0.007 ppb	0.009 ppb	0.011 ppb	18.2 %	122 cps
202Hg (KED)	0.011 ppb	0.013 ppb	0.009 ppb	0.012 ppb	20.6 %	343 cps
206Pb (KED)	0.181 ppb	0.169 ppb	0.196 ppb	0.180 ppb	7.4 %	14,324 cps
207Pb (KED)	0.165 ppb	0.149 ppb	0.173 ppb	0.174 ppb	8.4 %	11,673 cps
208Pb (KED)	0.178 ppb	0.164 ppb	0.190 ppb	0.181 ppb	7.4 %	86,191 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 48 Analysis label: 1401.001 Analysis started at: 15-Mar-23 3:39:09 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.641 ppb	11.160 ppb	10.545 ppb	10.218 ppb	4.5 %	361,141 cps
55Mn (KED)	346.738 ppb	353.309 ppb	345.705 ppb	341.201 ppb	1.8 %	5,437,707 cps
56Fe (KED)	976.166 ppb	1,028.436 ppb	969.840 ppb	930.221 ppb	5.1 %	23,622,010 cps
60Ni (KED)	61.918 ppb	61.950 ppb	62.221 ppb	61.583 ppb	0.5 %	857,625 cps
65Cu (KED)	181.377 ppb	181.215 ppb	182.296 ppb	180.621 ppb	0.5 %	2,813,305 cps
66Zn (KED)	456.535 ppb	457.354 ppb	453.178 ppb	459.074 ppb	0.7 %	2,911,880 cps
75As (KED)	0.354 ppb	0.393 ppb	0.322 ppb	0.347 ppb	10.2 %	1,258 cps
78Se (KED)	3.129 ppb	3.310 ppb	2.956 ppb	3.120 ppb	5.7 %	911 cps
95Mo (KED)	75.531 ppb	71.535 ppb	83.563 ppb	71.495 ppb	9.2 %	1,708,893 cps
111Cd (KED)	0.376 ppb	0.381 ppb	0.391 ppb	0.355 ppb	4.9 %	4,842 cps
201Hg (KED)	0.009 ppb	0.007 ppb	0.007 ppb	0.013 ppb	39.6 %	122 cps
202Hg (KED)	0.007 ppb	0.007 ppb	0.007 ppb	0.006 ppb	7.4 %	260 cps
206Pb (KED)	0.740 ppb	0.719 ppb	0.757 ppb	0.745 ppb	2.7 %	50,699 cps
207Pb (KED)	0.703 ppb	0.713 ppb	0.709 ppb	0.686 ppb	2.1 %	42,872 cps
208Pb (KED)	0.713 ppb	0.708 ppb	0.728 ppb	0.705 ppb	1.8 %	299,518 cps

Analysis index: 49 Analysis label: 1356.001 Analysis started at: 15-Mar-23 3:41:22 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.769 ppb	9.623 ppb	9.810 ppb	9.874 ppb	1.3 %	332,034 cps
55Mn (KED)	125.719 ppb	126.951 ppb	124.542 ppb	125.665 ppb	1.0 %	1,972,481 cps
56Fe (KED)	421.926 ppb	426.086 ppb	425.967 ppb	413.727 ppb	1.7 %	10,259,510 cps
60Ni (KED)	17.998 ppb	18.092 ppb	17.648 ppb	18.254 ppb	1.7 %	250,014 cps
65Cu (KED)	86.583 ppb	86.534 ppb	85.559 ppb	87.657 ppb	1.2 %	1,345,020 cps
66Zn (KED)	260.399 ppb	258.199 ppb	253.986 ppb	269.013 ppb	3.0 %	1,662,800 cps
75As (KED)	0.031 ppb	0.021 ppb	0.031 ppb	0.041 ppb	32.8 %	169 cps
78Se (KED)	1.558 ppb	1.673 ppb	1.474 ppb	1.529 ppb	6.6 %	459 cps
95Mo (KED)	34.226 ppb	33.754 ppb	33.765 ppb	35.159 ppb	2.4 %	774,925 cps
111Cd (KED)	0.144 ppb	0.148 ppb	0.137 ppb	0.145 ppb	4.0 %	1,858 cps
201Hg (KED)	0.002 ppb	0.002 ppb	-0.001 ppb	0.005 ppb	121.6 %	67 cps
202Hg (KED)	0.004 ppb	0.003 ppb	0.004 ppb	0.006 ppb	36.3 %	212 cps
206Pb (KED)	0.046 ppb	0.043 ppb	0.046 ppb	0.049 ppb	6.4 %	5,538 cps
207Pb (KED)	0.044 ppb	0.042 ppb	0.045 ppb	0.043 ppb	3.3 %	4,590 cps
208Pb (KED)	0.046 ppb	0.044 ppb	0.047 ppb	0.047 ppb	3.5 %	33,402 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 50 Analysis label: 1357.001 Analysis started at: 15-Mar-23 3:43:34 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.387 ppb	10.215 ppb	10.684 ppb	10.262 ppb	2.5 %	352,666 cps
55Mn (KED)	76.424 ppb	75.430 ppb	78.586 ppb	75.257 ppb	2.5 %	1,199,614 cps
56Fe (KED)	395.319 ppb	389.174 ppb	402.134 ppb	394.650 ppb	1.6 %	9,618,024 cps
60Ni (KED)	14.760 ppb	14.411 ppb	15.298 ppb	14.570 ppb	3.2 %	205,212 cps
65Cu (KED)	60.668 ppb	59.683 ppb	62.054 ppb	60.266 ppb	2.0 %	943,608 cps
66Zn (KED)	262.147 ppb	230.371 ppb	279.667 ppb	276.404 ppb	10.5 %	1,673,933 cps
75As (KED)	0.061 ppb	0.062 ppb	0.063 ppb	0.058 ppb	4.2 %	272 cps
78Se (KED)	2.243 ppb	2.227 ppb	2.244 ppb	2.259 ppb	0.7 %	656 cps
95Mo (KED)	26.907 ppb	25.767 ppb	28.456 ppb	26.499 ppb	5.2 %	609,433 cps
111Cd (KED)	0.198 ppb	0.188 ppb	0.208 ppb	0.197 ppb	5.1 %	2,552 cps
201Hg (KED)	0.002 ppb	0.005 ppb	0.000 ppb	0.001 ppb	128.5 %	64 cps
202Hg (KED)	0.000 ppb	-0.001 ppb	0.002 ppb	-0.001 ppb	2,430.8 %	127 cps
206Pb (KED)	0.059 ppb	0.061 ppb	0.059 ppb	0.056 ppb	3.8 %	6,332 cps
207Pb (KED)	0.059 ppb	0.061 ppb	0.065 ppb	0.051 ppb	12.6 %	5,486 cps
208Pb (KED)	0.060 ppb	0.059 ppb	0.064 ppb	0.058 ppb	5.4 %	39,116 cps

Analysis index: 51 Analysis label: 1359.001 Analysis started at: 15-Mar-23 3:45:46 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.848 ppb	9.934 ppb	9.929 ppb	9.682 ppb	1.5 %	334,673 cps
55Mn (KED)	129.480 ppb	129.182 ppb	128.365 ppb	130.894 ppb	1.0 %	2,031,443 cps
56Fe (KED)	383.554 ppb	375.444 ppb	392.916 ppb	382.303 ppb	2.3 %	9,334,369 cps
60Ni (KED)	47.976 ppb	50.235 ppb	50.233 ppb	43.460 ppb	8.2 %	664,744 cps
65Cu (KED)	95.785 ppb	92.917 ppb	98.495 ppb	95.943 ppb	2.9 %	1,487,548 cps
66Zn (KED)	274.844 ppb	269.331 ppb	275.264 ppb	279.935 ppb	1.9 %	1,754,788 cps
75As (KED)	0.025 ppb	0.029 ppb	0.017 ppb	0.030 ppb	28.2 %	151 cps
78Se (KED)	0.185 ppb	0.201 ppb	0.150 ppb	0.203 ppb	16.1 %	64 cps
95Mo (KED)	14.971 ppb	14.447 ppb	15.213 ppb	15.252 ppb	3.0 %	339,528 cps
111Cd (KED)	0.209 ppb	0.204 ppb	0.205 ppb	0.219 ppb	4.2 %	2,702 cps
201Hg (KED)	0.001 ppb	0.005 ppb	-0.002 ppb	0.002 ppb	228.4 %	61 cps
202Hg (KED)	0.000 ppb	0.002 ppb	-0.001 ppb	-0.001 ppb	1,165.0 %	128 cps
206Pb (KED)	1.143 ppb	1.137 ppb	1.093 ppb	1.199 ppb	4.7 %	76,918 cps
207Pb (KED)	1.092 ppb	1.120 ppb	1.039 ppb	1.117 ppb	4.2 %	65,488 cps
208Pb (KED)	1.139 ppb	1.140 ppb	1.097 ppb	1.180 ppb	3.6 %	469,144 cps

Analysis index: 52 Analysis label: 1360.001 Analysis started at: 15-Mar-23 3:47:58 PM

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.574 ppb	9.654 ppb	9.978 ppb	9.091 ppb	4.7 %	325,517 cps
55Mn (KED)	110.691 ppb	110.751 ppb	116.200 ppb	105.123 ppb	5.0 %	1,736,862 cps
56Fe (KED)	386.057 ppb	387.893 ppb	407.461 ppb	362.817 ppb	5.8 %	9,394,711 cps
60Ni (KED)	15.647 ppb	15.638 ppb	16.316 ppb	14.988 ppb	4.2 %	217,496 cps
65Cu (KED)	78.580 ppb	78.458 ppb	80.222 ppb	77.061 ppb	2.0 %	1,221,062 cps
66Zn (KED)	254.707 ppb	282.111 ppb	243.210 ppb	238.800 ppb	9.4 %	1,626,551 cps
75As (KED)	0.032 ppb	0.026 ppb	0.031 ppb	0.038 ppb	18.5 %	172 cps
78Se (KED)	1.712 ppb	1.780 ppb	1.808 ppb	1.547 ppb	8.4 %	503 cps
95Mo (KED)	33.450 ppb	32.983 ppb	34.625 ppb	32.741 ppb	3.1 %	757,374 cps
111Cd (KED)	0.129 ppb	0.126 ppb	0.130 ppb	0.131 ppb	1.8 %	1,672 cps
201Hg (KED)	0.001 ppb	0.001 ppb	0.002 ppb	0.000 ppb	120.4 %	56 cps
202Hg (KED)	0.000 ppb	-0.002 ppb	0.000 ppb	0.000 ppb	451.1 %	120 cps
206Pb (KED)	0.037 ppb	0.040 ppb	0.044 ppb	0.029 ppb	20.5 %	4,949 cps
207Pb (KED)	0.039 ppb	0.040 ppb	0.041 ppb	0.035 ppb	8.7 %	4,311 cps
208Pb (KED)	0.040 ppb	0.040 ppb	0.042 ppb	0.037 ppb	6.3 %	30,934 cps

Analysis index: 53 Analysis label: 1361.001 Analysis started at: 15-Mar-23 3:50:10 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.027 ppb	10.135 ppb	9.780 ppb	10.165 ppb	2.1 %	340,624 cps
55Mn (KED)	92.742 ppb	92.306 ppb	92.828 ppb	93.093 ppb	0.4 %	1,455,453 cps
56Fe (KED)	374.942 ppb	378.879 ppb	361.264 ppb	384.684 ppb	3.3 %	9,126,746 cps
60Ni (KED)	12.482 ppb	12.274 ppb	12.617 ppb	12.554 ppb	1.5 %	173,700 cps
65Cu (KED)	68.187 ppb	67.428 ppb	67.959 ppb	69.174 ppb	1.3 %	1,060,073 cps
66Zn (KED)	246.507 ppb	225.956 ppb	232.611 ppb	280.954 ppb	12.2 %	1,574,330 cps
75As (KED)	0.026 ppb	0.027 ppb	0.013 ppb	0.037 ppb	46.9 %	152 cps
78Se (KED)	1.648 ppb	1.766 ppb	1.562 ppb	1.616 ppb	6.4 %	485 cps
95Mo (KED)	23.292 ppb	23.009 ppb	23.003 ppb	23.863 ppb	2.1 %	527,677 cps
111Cd (KED)	0.103 ppb	0.100 ppb	0.105 ppb	0.103 ppb	2.3 %	1,335 cps
201Hg (KED)	0.002 ppb	0.001 ppb	0.002 ppb	0.002 ppb	41.0 %	62 cps
202Hg (KED)	0.000 ppb	0.000 ppb	0.001 ppb	-0.001 ppb	1,845.9 %	125 cps
206Pb (KED)	0.056 ppb	0.057 ppb	0.053 ppb	0.058 ppb	4.9 %	6,190 cps
207Pb (KED)	0.056 ppb	0.056 ppb	0.054 ppb	0.059 ppb	4.1 %	5,321 cps
208Pb (KED)	0.060 ppb	0.061 ppb	0.060 ppb	0.058 ppb	2.3 %	38,919 cps

Analysis index: 54 Analysis label: 1362.001 Analysis started at: 15-Mar-23 3:52:22 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.634 ppb	9.189 ppb	9.656 ppb	10.055 ppb	4.5 %	327,501 cps
55Mn (KED)	116.736 ppb	109.549 ppb	117.651 ppb	123.008 ppb	5.8 %	1,831,635 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
56Fe (KED)	377.276 ppb	373.512 ppb	372.851 ppb	385.466 ppb	1.9 %	9,183,016 cps
60Ni (KED)	32.198 ppb	31.415 ppb	31.497 ppb	33.683 ppb	4.0 %	446,467 cps
65Cu (KED)	70.806 ppb	70.468 ppb	68.903 ppb	73.048 ppb	3.0 %	1,100,649 cps
66Zn (KED)	268.239 ppb	263.167 ppb	262.083 ppb	279.466 ppb	3.6 %	1,712,726 cps
75As (KED)	0.038 ppb	0.039 ppb	0.030 ppb	0.046 ppb	20.2 %	194 cps
78Se (KED)	2.693 ppb	2.529 ppb	2.523 ppb	3.026 ppb	10.7 %	785 cps
95Mo (KED)	29.850 ppb	29.480 ppb	28.493 ppb	31.579 ppb	5.3 %	675,985 cps
111Cd (KED)	0.326 ppb	0.320 ppb	0.326 ppb	0.331 ppb	1.8 %	4,200 cps
201Hg (KED)	-0.002 ppb	0.000 ppb	-0.002 ppb	-0.003 ppb	65.2 %	33 cps
202Hg (KED)	0.000 ppb	0.001 ppb	-0.001 ppb	0.000 ppb	1,546.9 %	124 cps
206Pb (KED)	0.041 ppb	0.040 ppb	0.038 ppb	0.046 ppb	10.6 %	5,216 cps
207Pb (KED)	0.042 ppb	0.040 ppb	0.042 ppb	0.044 ppb	3.8 %	4,501 cps
208Pb (KED)	0.042 ppb	0.041 ppb	0.037 ppb	0.047 ppb	12.3 %	31,644 cps

Analysis index: 55 Analysis label: 1363.001 Analysis started at: 15-Mar-23 3:54:34 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.208 ppb	10.472 ppb	10.140 ppb	10.011 ppb	2.3 %	346,679 cps
55Mn (KED)	90.957 ppb	91.531 ppb	88.344 ppb	92.996 ppb	2.6 %	1,427,460 cps
56Fe (KED)	367.790 ppb	377.142 ppb	359.870 ppb	366.358 ppb	2.4 %	8,954,300 cps
60Ni (KED)	12.994 ppb	13.441 ppb	12.972 ppb	12.569 ppb	3.4 %	180,786 cps
65Cu (KED)	65.809 ppb	66.534 ppb	65.007 ppb	65.885 ppb	1.2 %	1,023,240 cps
66Zn (KED)	280.553 ppb	287.990 ppb	278.101 ppb	275.567 ppb	2.3 %	1,791,147 cps
75As (KED)	0.026 ppb	0.028 ppb	0.031 ppb	0.019 ppb	22.8 %	153 cps
78Se (KED)	1.573 ppb	1.479 ppb	1.679 ppb	1.559 ppb	6.4 %	463 cps
95Mo (KED)	26.701 ppb	28.260 ppb	26.678 ppb	25.165 ppb	5.8 %	604,769 cps
111Cd (KED)	0.095 ppb	0.103 ppb	0.100 ppb	0.082 ppb	12.3 %	1,235 cps
201Hg (KED)	-0.001 ppb	-0.004 ppb	0.004 ppb	-0.002 ppb	565.2 %	43 cps
202Hg (KED)	-0.001 ppb	-0.001 ppb	0.000 ppb	-0.001 ppb	107.0 %	112 cps
206Pb (KED)	0.065 ppb	0.063 ppb	0.065 ppb	0.067 ppb	3.6 %	6,763 cps
207Pb (KED)	0.069 ppb	0.069 ppb	0.066 ppb	0.070 ppb	3.5 %	6,041 cps
208Pb (KED)	0.067 ppb	0.072 ppb	0.061 ppb	0.068 ppb	8.7 %	41,819 cps

Analysis index: 56 Analysis label: 987.001 Analysis started at: 15-Mar-23 3:56:47 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.378 ppb	10.418 ppb	10.361 ppb	10.355 ppb	0.3 %	352,352 cps
55Mn (KED)	89.506 ppb	90.240 ppb	89.811 ppb	88.468 ppb	1.0 %	1,404,717 cps
56Fe (KED)	543.446 ppb	546.920 ppb	550.376 ppb	533.044 ppb	1.7 %	13,189,314 cps
60Ni (KED)	9.023 ppb	9.185 ppb	8.842 ppb	9.042 ppb	1.9 %	125,852 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
65Cu (KED)	110.667 ppb	110.751 ppb	110.761 ppb	110.489 ppb	0.1 %	1,718,055 cps
66Zn (KED)	266.774 ppb	264.651 ppb	265.843 ppb	269.828 ppb	1.0 %	1,703,400 cps
75As (KED)	0.165 ppb	0.155 ppb	0.169 ppb	0.172 ppb	5.7 %	622 cps
78Se (KED)	1.256 ppb	1.269 ppb	1.233 ppb	1.264 ppb	1.6 %	372 cps
95Mo (KED)	142.426 ppb	144.813 ppb	143.240 ppb	139.225 ppb	2.0 %	3,221,501 cps
111Cd (KED)	0.155 ppb	0.168 ppb	0.150 ppb	0.148 ppb	7.3 %	2,008 cps
201Hg (KED)	0.001 ppb	0.004 ppb	-0.002 ppb	0.001 ppb	417.4 %	55 cps
202Hg (KED)	0.001 ppb	0.001 ppb	0.001 ppb	0.002 ppb	50.1 %	146 cps
206Pb (KED)	0.150 ppb	0.154 ppb	0.139 ppb	0.157 ppb	6.6 %	12,579 cps
207Pb (KED)	0.147 ppb	0.145 ppb	0.143 ppb	0.153 ppb	3.8 %	10,846 cps
208Pb (KED)	0.151 ppb	0.147 ppb	0.147 ppb	0.158 ppb	4.1 %	76,954 cps

Analysis index: 57 Analysis label: 987.001MD Analysis started at: 15-Mar-23 3:59:00 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.377 ppb	10.507 ppb	10.581 ppb	10.042 ppb	2.8 %	352,318 cps
55Mn (KED)	89.023 ppb	89.662 ppb	92.030 ppb	85.377 ppb	3.8 %	1,397,140 cps
56Fe (KED)	531.478 ppb	543.799 ppb	546.919 ppb	503.717 ppb	4.5 %	12,900,768 cps
60Ni (KED)	9.267 ppb	9.478 ppb	9.561 ppb	8.761 ppb	4.7 %	129,219 cps
65Cu (KED)	108.930 ppb	108.480 ppb	113.431 ppb	104.878 ppb	3.9 %	1,691,148 cps
66Zn (KED)	272.236 ppb	275.065 ppb	279.972 ppb	261.672 ppb	3.5 %	1,738,185 cps
75As (KED)	0.160 ppb	0.175 ppb	0.161 ppb	0.145 ppb	9.4 %	605 cps
78Se (KED)	1.417 ppb	1.571 ppb	1.367 ppb	1.313 ppb	9.6 %	418 cps
95Mo (KED)	129.495 ppb	130.804 ppb	131.824 ppb	125.858 ppb	2.5 %	2,929,117 cps
111Cd (KED)	0.145 ppb	0.153 ppb	0.151 ppb	0.132 ppb	8.1 %	1,881 cps
201Hg (KED)	0.000 ppb	-0.001 ppb	0.002 ppb	0.000 ppb	2,519.6 %	49 cps
202Hg (KED)	-0.001 ppb	-0.002 ppb	-0.001 ppb	0.000 ppb	103.3 %	104 cps
206Pb (KED)	0.132 ppb	0.139 ppb	0.134 ppb	0.121 ppb	7.4 %	11,081 cps
207Pb (KED)	0.131 ppb	0.138 ppb	0.135 ppb	0.119 ppb	7.9 %	9,652 cps
208Pb (KED)	0.136 ppb	0.146 ppb	0.137 ppb	0.125 ppb	8.1 %	69,330 cps

Analysis index: 58 Analysis label: 987.001MF Analysis started at: 15-Mar-23 4:01:13 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	43.160 ppb	44.501 ppb	41.916 ppb	43.065 ppb	3.0 %	1,447,172 cps
55Mn (KED)	130.940 ppb	134.160 ppb	128.396 ppb	130.264 ppb	2.2 %	2,054,333 cps
56Fe (KED)	588.071 ppb	611.858 ppb	569.303 ppb	583.053 ppb	3.7 %	14,265,203 cps
60Ni (KED)	61.449 ppb	62.744 ppb	60.288 ppb	61.314 ppb	2.0 %	851,138 cps
65Cu (KED)	137.536 ppb	139.890 ppb	138.632 ppb	134.085 ppb	2.2 %	2,134,231 cps
66Zn (KED)	296.392 ppb	304.024 ppb	294.866 ppb	290.286 ppb	2.4 %	1,892,020 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
75As (KED)	54.820 ppb	55.613 ppb	54.212 ppb	54.635 ppb	1.3 %	184,801 cps
78Se (KED)	55.139 ppb	54.862 ppb	54.131 ppb	56.424 ppb	2.1 %	15,868 cps
95Mo (KED)	177.592 ppb	189.381 ppb	172.114 ppb	171.283 ppb	5.8 %	4,016,672 cps
111Cd (KED)	43.150 ppb	45.180 ppb	42.688 ppb	41.582 ppb	4.3 %	554,932 cps
201Hg (KED)	0.008 ppb	0.007 ppb	0.009 ppb	0.007 ppb	16.9 %	111 cps
202Hg (KED)	0.007 ppb	0.009 ppb	0.006 ppb	0.007 ppb	23.5 %	267 cps
206Pb (KED)	51.159 ppb	53.123 ppb	49.578 ppb	50.776 ppb	3.5 %	3,331,867 cps
207Pb (KED)	53.093 ppb	52.539 ppb	55.202 ppb	51.538 ppb	3.6 %	3,086,292 cps
208Pb (KED)	50.911 ppb	52.239 ppb	48.574 ppb	51.920 ppb	4.0 %	20,314,785 cps

Analysis index: 59 Analysis label: CCV bajo 4 Analysis started at: 15-Mar-23 4:03:25 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.440 ppb	5.747 ppb	5.340 ppb	5.232 ppb	5.0 %	187,438 cps
55Mn (KED)	60.174 ppb	63.828 ppb	58.497 ppb	58.195 ppb	5.3 %	944,828 cps
56Fe (KED)	64.653 ppb	69.920 ppb	62.408 ppb	61.631 ppb	7.1 %	1,645,789 cps
60Ni (KED)	5.820 ppb	6.311 ppb	5.559 ppb	5.590 ppb	7.3 %	81,541 cps
65Cu (KED)	73.742 ppb	78.868 ppb	71.397 ppb	70.960 ppb	6.0 %	1,146,114 cps
66Zn (KED)	52.582 ppb	57.441 ppb	50.778 ppb	49.525 ppb	8.1 %	339,329 cps
75As (KED)	5.450 ppb	5.900 ppb	5.344 ppb	5.107 ppb	7.5 %	18,432 cps
78Se (KED)	5.620 ppb	6.157 ppb	5.206 ppb	5.496 ppb	8.7 %	1,627 cps
95Mo (KED)	6.254 ppb	6.987 ppb	5.996 ppb	5.780 ppb	10.3 %	142,442 cps
111Cd (KED)	4.977 ppb	5.193 ppb	4.998 ppb	4.740 ppb	4.6 %	64,019 cps
201Hg (KED)	0.449 ppb	0.506 ppb	0.430 ppb	0.412 ppb	11.2 %	3,651 cps
202Hg (KED)	0.410 ppb	0.444 ppb	0.397 ppb	0.388 ppb	7.4 %	8,020 cps
206Pb (KED)	5.712 ppb	6.409 ppb	5.399 ppb	5.328 ppb	10.6 %	374,256 cps
207Pb (KED)	5.543 ppb	6.108 ppb	5.186 ppb	5.335 ppb	8.9 %	324,066 cps
208Pb (KED)	5.746 ppb	6.453 ppb	5.412 ppb	5.373 ppb	10.7 %	2,306,240 cps

Analysis index: 60 Analysis label: CCV alto 4 Analysis started at: 15-Mar-23 4:05:40 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	23.917 ppb	23.896 ppb	23.614 ppb	24.240 ppb	1.3 %	804,500 cps
55Mn (KED)	235.554 ppb	236.492 ppb	231.779 ppb	238.391 ppb	1.4 %	3,694,511 cps
56Fe (KED)	225.441 ppb	218.817 ppb	220.664 ppb	236.841 ppb	4.4 %	5,522,314 cps
60Ni (KED)	28.025 ppb	27.629 ppb	27.370 ppb	29.076 ppb	3.3 %	388,731 cps
65Cu (KED)	274.388 ppb	268.987 ppb	267.614 ppb	286.562 ppb	3.9 %	4,253,959 cps
66Zn (KED)	257.693 ppb	272.214 ppb	265.336 ppb	235.529 ppb	7.6 %	1,645,566 cps
75As (KED)	27.056 ppb	26.768 ppb	26.230 ppb	28.171 ppb	3.7 %	91,241 cps
78Se (KED)	26.015 ppb	25.890 ppb	25.486 ppb	26.668 ppb	2.3 %	7,492 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
95Mo (KED)	27.732 ppb	27.707 ppb	26.716 ppb	28.774 ppb	3.7 %	628,086 cps
111Cd (KED)	25.011 ppb	25.033 ppb	24.361 ppb	25.640 ppb	2.6 %	321,663 cps
201Hg (KED)	2.623 ppb	2.478 ppb	2.761 ppb	2.629 ppb	5.4 %	21,078 cps
202Hg (KED)	2.488 ppb	2.469 ppb	2.461 ppb	2.535 ppb	1.6 %	48,038 cps
206Pb (KED)	28.535 ppb	27.725 ppb	28.308 ppb	29.573 ppb	3.3 %	1,859,556 cps
207Pb (KED)	27.505 ppb	27.324 ppb	28.100 ppb	27.091 ppb	1.9 %	1,599,876 cps
208Pb (KED)	26.276 ppb	25.945 ppb	26.310 ppb	26.572 ppb	1.2 %	10,492,018 cps

Analysis index: 61 Analysis label: Bk4 Analysis started at: 15-Mar-23 4:07:55 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.055 ppb	0.090 ppb	0.044 ppb	0.032 ppb	55.7 %	7,624 cps
55Mn (KED)	0.498 ppb	0.861 ppb	0.404 ppb	0.231 ppb	65.3 %	9,213 cps
56Fe (KED)	1.319 ppb	2.352 ppb	1.098 ppb	0.508 ppb	71.4 %	118,835 cps
60Ni (KED)	0.083 ppb	0.137 ppb	0.070 ppb	0.043 ppb	58.4 %	2,173 cps
65Cu (KED)	0.281 ppb	0.585 ppb	0.204 ppb	0.054 ppb	97.6 %	8,264 cps
66Zn (KED)	0.803 ppb	1.325 ppb	0.687 ppb	0.396 ppb	59.2 %	9,578 cps
75As (KED)	0.025 ppb	0.045 ppb	0.019 ppb	0.010 ppb	72.6 %	148 cps
78Se (KED)	0.092 ppb	0.075 ppb	0.162 ppb	0.039 ppb	68.7 %	37 cps
95Mo (KED)	0.641 ppb	0.873 ppb	0.635 ppb	0.415 ppb	35.8 %	15,510 cps
111Cd (KED)	0.023 ppb	0.044 ppb	0.016 ppb	0.010 ppb	79.0 %	309 cps
201Hg (KED)	0.037 ppb	0.046 ppb	0.033 ppb	0.032 ppb	21.7 %	347 cps
202Hg (KED)	0.037 ppb	0.045 ppb	0.037 ppb	0.030 ppb	19.8 %	839 cps
206Pb (KED)	0.023 ppb	0.045 ppb	0.018 ppb	0.007 ppb	85.0 %	4,029 cps
207Pb (KED)	0.026 ppb	0.047 ppb	0.021 ppb	0.009 ppb	75.2 %	3,551 cps
208Pb (KED)	0.025 ppb	0.045 ppb	0.021 ppb	0.009 ppb	73.9 %	24,957 cps

Analysis index: 62 Analysis label: 988.001 Analysis started at: 15-Mar-23 4:10:11 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.117 ppb	10.755 ppb	11.229 ppb	11.366 ppb	2.9 %	377,032 cps
55Mn (KED)	87.071 ppb	84.757 ppb	88.247 ppb	88.210 ppb	2.3 %	1,366,536 cps
56Fe (KED)	534.218 ppb	519.772 ppb	546.130 ppb	536.751 ppb	2.5 %	12,966,809 cps
60Ni (KED)	7.745 ppb	7.535 ppb	7.987 ppb	7.713 ppb	2.9 %	108,170 cps
65Cu (KED)	101.887 ppb	97.332 ppb	103.908 ppb	104.422 ppb	3.9 %	1,582,066 cps
66Zn (KED)	258.321 ppb	249.788 ppb	263.915 ppb	261.261 ppb	2.9 %	1,649,567 cps
75As (KED)	0.152 ppb	0.164 ppb	0.146 ppb	0.145 ppb	7.0 %	576 cps
78Se (KED)	1.328 ppb	1.235 ppb	1.326 ppb	1.425 ppb	7.2 %	393 cps
95Mo (KED)	125.139 ppb	120.183 ppb	128.716 ppb	126.519 ppb	3.5 %	2,830,617 cps
111Cd (KED)	0.149 ppb	0.163 ppb	0.139 ppb	0.146 ppb	8.5 %	1,931 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
201Hg (KED)	0.010 ppb	0.013 ppb	0.010 ppb	0.008 ppb	26.8 %	132 cps
202Hg (KED)	0.011 ppb	0.015 ppb	0.011 ppb	0.006 ppb	39.9 %	336 cps
206Pb (KED)	0.099 ppb	0.111 ppb	0.103 ppb	0.082 ppb	15.2 %	8,949 cps
207Pb (KED)	0.093 ppb	0.103 ppb	0.093 ppb	0.084 ppb	9.7 %	7,486 cps
208Pb (KED)	0.098 ppb	0.109 ppb	0.098 ppb	0.087 ppb	11.2 %	54,124 cps

Analysis index: 63 Analysis label: 989.001 Analysis started at: 15-Mar-23 4:12:23 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.695 ppb	10.740 ppb	10.522 ppb	10.824 ppb	1.5 %	362,960 cps
55Mn (KED)	89.279 ppb	88.829 ppb	88.482 ppb	90.526 ppb	1.2 %	1,401,153 cps
56Fe (KED)	569.114 ppb	572.264 ppb	557.743 ppb	577.337 ppb	1.8 %	13,808,159 cps
60Ni (KED)	7.766 ppb	7.781 ppb	7.633 ppb	7.883 ppb	1.6 %	108,455 cps
65Cu (KED)	109.324 ppb	108.298 ppb	109.187 ppb	110.489 ppb	1.0 %	1,697,261 cps
66Zn (KED)	268.717 ppb	273.161 ppb	263.044 ppb	269.946 ppb	1.9 %	1,715,770 cps
75As (KED)	0.151 ppb	0.162 ppb	0.152 ppb	0.137 ppb	8.6 %	573 cps
78Se (KED)	1.502 ppb	1.528 ppb	1.513 ppb	1.465 ppb	2.2 %	443 cps
95Mo (KED)	139.114 ppb	137.517 ppb	139.756 ppb	140.069 ppb	1.0 %	3,146,610 cps
111Cd (KED)	0.158 ppb	0.174 ppb	0.154 ppb	0.146 ppb	9.1 %	2,042 cps
201Hg (KED)	0.004 ppb	0.003 ppb	0.006 ppb	0.002 ppb	42.8 %	80 cps
202Hg (KED)	0.007 ppb	0.007 ppb	0.005 ppb	0.008 ppb	27.3 %	252 cps
206Pb (KED)	0.836 ppb	0.853 ppb	0.821 ppb	0.834 ppb	1.9 %	56,939 cps
207Pb (KED)	0.814 ppb	0.794 ppb	0.844 ppb	0.804 ppb	3.3 %	49,322 cps
208Pb (KED)	0.843 ppb	0.840 ppb	0.874 ppb	0.816 ppb	3.5 %	351,335 cps

Analysis index: 64 Analysis label: 990.001 Analysis started at: 15-Mar-23 4:14:36 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.057 ppb	10.960 ppb	11.076 ppb	11.137 ppb	0.8 %	375,052 cps
55Mn (KED)	89.488 ppb	88.684 ppb	91.701 ppb	88.079 ppb	2.2 %	1,404,432 cps
56Fe (KED)	547.641 ppb	540.216 ppb	553.851 ppb	548.854 ppb	1.3 %	13,290,430 cps
60Ni (KED)	7.895 ppb	8.055 ppb	7.809 ppb	7.822 ppb	1.8 %	110,247 cps
65Cu (KED)	107.781 ppb	107.370 ppb	108.157 ppb	107.817 ppb	0.4 %	1,673,360 cps
66Zn (KED)	278.277 ppb	277.405 ppb	278.234 ppb	279.190 ppb	0.3 %	1,776,652 cps
75As (KED)	0.146 ppb	0.167 ppb	0.150 ppb	0.122 ppb	15.5 %	558 cps
78Se (KED)	1.453 ppb	1.540 ppb	1.564 ppb	1.254 ppb	11.9 %	429 cps
95Mo (KED)	131.102 ppb	131.039 ppb	131.038 ppb	131.229 ppb	0.1 %	2,965,446 cps
111Cd (KED)	0.152 ppb	0.160 ppb	0.151 ppb	0.144 ppb	5.1 %	1,967 cps
201Hg (KED)	0.003 ppb	0.006 ppb	0.001 ppb	0.002 ppb	101.7 %	73 cps
202Hg (KED)	0.004 ppb	0.005 ppb	0.004 ppb	0.001 ppb	60.6 %	195 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
206Pb (KED)	0.133 ppb	0.157 ppb	0.120 ppb	0.122 ppb	15.5 %	11,171 cps
207Pb (KED)	0.122 ppb	0.139 ppb	0.115 ppb	0.112 ppb	11.9 %	9,156 cps
208Pb (KED)	0.133 ppb	0.153 ppb	0.122 ppb	0.123 ppb	13.3 %	68,067 cps

Analysis index: 65 Analysis label: 1306.001 Analysis started at: 15-Mar-23 4:16:48 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	11.007 ppb	11.018 ppb	10.877 ppb	11.125 ppb	1.1 %	373,370 cps
55Mn (KED)	153.701 ppb	145.853 ppb	149.769 ppb	165.481 ppb	6.8 %	2,411,192 cps
56Fe (KED)	643.583 ppb	614.357 ppb	608.875 ppb	707.518 ppb	8.6 %	15,603,575 cps
60Ni (KED)	89.209 ppb	86.055 ppb	85.859 ppb	95.714 ppb	6.3 %	1,235,191 cps
65Cu (KED)	116.193 ppb	111.708 ppb	111.634 ppb	125.237 ppb	6.7 %	1,803,652 cps
66Zn (KED)	304.106 ppb	288.910 ppb	292.478 ppb	330.930 ppb	7.7 %	1,941,144 cps
75As (KED)	0.223 ppb	0.240 ppb	0.201 ppb	0.229 ppb	9.2 %	818 cps
78Se (KED)	0.405 ppb	0.420 ppb	0.375 ppb	0.419 ppb	6.3 %	127 cps
95Mo (KED)	33.912 ppb	32.690 ppb	32.606 ppb	36.439 ppb	6.5 %	767,818 cps
111Cd (KED)	0.307 ppb	0.322 ppb	0.287 ppb	0.313 ppb	6.0 %	3,965 cps
201Hg (KED)	0.008 ppb	0.011 ppb	0.005 ppb	0.007 ppb	41.5 %	112 cps
202Hg (KED)	0.007 ppb	0.006 ppb	0.007 ppb	0.008 ppb	17.3 %	260 cps
206Pb (KED)	0.253 ppb	0.258 ppb	0.235 ppb	0.265 ppb	6.3 %	18,963 cps
207Pb (KED)	0.252 ppb	0.241 ppb	0.234 ppb	0.281 ppb	10.1 %	16,695 cps
208Pb (KED)	0.250 ppb	0.247 ppb	0.239 ppb	0.265 ppb	5.3 %	114,811 cps

Analysis index: 66 Analysis label: 1358.001 Analysis started at: 15-Mar-23 4:19:01 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	12.354 ppb	12.100 ppb	12.477 ppb	12.484 ppb	1.8 %	418,343 cps
55Mn (KED)	101.912 ppb	101.437 ppb	101.114 ppb	103.183 ppb	1.1 %	1,599,211 cps
56Fe (KED)	562.879 ppb	561.255 ppb	558.967 ppb	568.414 ppb	0.9 %	13,657,818 cps
60Ni (KED)	18.591 ppb	19.108 ppb	18.506 ppb	18.159 ppb	2.6 %	258,218 cps
65Cu (KED)	95.489 ppb	96.958 ppb	95.743 ppb	93.765 ppb	1.7 %	1,482,961 cps
66Zn (KED)	246.058 ppb	248.606 ppb	247.773 ppb	241.797 ppb	1.5 %	1,571,472 cps
75As (KED)	0.030 ppb	0.052 ppb	0.029 ppb	0.008 ppb	73.7 %	166 cps
78Se (KED)	0.094 ppb	0.135 ppb	0.101 ppb	0.044 ppb	49.0 %	38 cps
95Mo (KED)	3.435 ppb	3.793 ppb	3.402 ppb	3.109 ppb	10.0 %	78,682 cps
111Cd (KED)	0.020 ppb	0.035 ppb	0.014 ppb	0.009 ppb	68.6 %	264 cps
201Hg (KED)	0.001 ppb	0.001 ppb	0.001 ppb	0.001 ppb	71.2 %	57 cps
202Hg (KED)	0.001 ppb	0.003 ppb	0.001 ppb	0.000 ppb	150.2 %	150 cps
206Pb (KED)	0.072 ppb	0.090 ppb	0.069 ppb	0.056 ppb	24.0 %	7,179 cps
207Pb (KED)	0.071 ppb	0.087 ppb	0.062 ppb	0.062 ppb	19.9 %	6,160 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
208Pb (KED)	0.071 ppb	0.087 ppb	0.064 ppb	0.061 ppb	20.0 %	43,189 cps

Analysis index: 67 Analysis label: 1393.001 Analysis started at: 15-Mar-23 4:21:15 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.548 ppb	9.338 ppb	9.624 ppb	9.683 ppb	1.9 %	324,653 cps
55Mn (KED)	111.789 ppb	113.074 ppb	111.565 ppb	110.729 ppb	1.1 %	1,754,076 cps
56Fe (KED)	350.229 ppb	346.956 ppb	350.412 ppb	353.318 ppb	0.9 %	8,530,910 cps
60Ni (KED)	21.314 ppb	20.738 ppb	21.611 ppb	21.594 ppb	2.3 %	295,891 cps
65Cu (KED)	106.634 ppb	104.405 ppb	107.519 ppb	107.978 ppb	1.8 %	1,655,591 cps
66Zn (KED)	270.044 ppb	262.066 ppb	273.056 ppb	275.009 ppb	2.6 %	1,724,221 cps
75As (KED)	0.077 ppb	0.094 ppb	0.068 ppb	0.071 ppb	18.4 %	326 cps
78Se (KED)	0.103 ppb	0.153 ppb	0.066 ppb	0.091 ppb	43.4 %	41 cps
95Mo (KED)	21.937 ppb	22.383 ppb	21.894 ppb	21.534 ppb	1.9 %	497,052 cps
111Cd (KED)	0.033 ppb	0.047 ppb	0.029 ppb	0.023 ppb	37.0 %	438 cps
201Hg (KED)	0.000 ppb	0.004 ppb	-0.003 ppb	-0.001 ppb	1,514.8 %	51 cps
202Hg (KED)	0.002 ppb	0.002 ppb	0.000 ppb	0.003 ppb	83.5 %	156 cps
206Pb (KED)	0.131 ppb	0.145 ppb	0.128 ppb	0.121 ppb	9.5 %	11,065 cps
207Pb (KED)	0.118 ppb	0.130 ppb	0.114 ppb	0.110 ppb	9.1 %	8,928 cps
208Pb (KED)	0.127 ppb	0.137 ppb	0.125 ppb	0.120 ppb	6.9 %	65,708 cps

Analysis index: 68 Analysis label: 1397.001 Analysis started at: 15-Mar-23 4:23:28 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.576 ppb	9.256 ppb	9.572 ppb	9.900 ppb	3.4 %	325,565 cps
55Mn (KED)	180.229 ppb	176.255 ppb	181.512 ppb	182.921 ppb	1.9 %	2,827,109 cps
56Fe (KED)	445.111 ppb	436.068 ppb	446.687 ppb	452.577 ppb	1.9 %	10,818,474 cps
60Ni (KED)	22.469 ppb	22.140 ppb	23.041 ppb	22.227 ppb	2.2 %	311,869 cps
65Cu (KED)	106.192 ppb	109.867 ppb	97.476 ppb	111.233 ppb	7.1 %	1,648,740 cps
66Zn (KED)	268.150 ppb	263.153 ppb	270.625 ppb	270.671 ppb	1.6 %	1,712,159 cps
75As (KED)	0.246 ppb	0.273 ppb	0.244 ppb	0.222 ppb	10.4 %	894 cps
78Se (KED)	0.134 ppb	0.131 ppb	0.099 ppb	0.171 ppb	26.8 %	49 cps
95Mo (KED)	22.654 ppb	22.678 ppb	22.787 ppb	22.497 ppb	0.6 %	513,262 cps
111Cd (KED)	0.141 ppb	0.155 ppb	0.139 ppb	0.130 ppb	9.1 %	1,829 cps
201Hg (KED)	0.002 ppb	0.003 ppb	0.001 ppb	0.003 ppb	38.9 %	66 cps
202Hg (KED)	0.007 ppb	0.006 ppb	0.007 ppb	0.007 ppb	3.5 %	254 cps
206Pb (KED)	0.104 ppb	0.116 ppb	0.103 ppb	0.092 ppb	11.5 %	9,271 cps
207Pb (KED)	0.100 ppb	0.119 ppb	0.089 ppb	0.091 ppb	17.1 %	7,849 cps
208Pb (KED)	0.102 ppb	0.112 ppb	0.103 ppb	0.093 ppb	9.4 %	55,938 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 69 Analysis label: 1238.001 Analysis started at: 15-Mar-23 4:25:41 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.580 ppb	10.447 ppb	10.656 ppb	10.638 ppb	1.1 %	359,124 cps
55Mn (KED)	165.237 ppb	159.004 ppb	170.061 ppb	166.645 ppb	3.4 %	2,592,048 cps
56Fe (KED)	698.089 ppb	688.357 ppb	701.483 ppb	704.428 ppb	1.2 %	16,917,694 cps
60Ni (KED)	6.481 ppb	6.397 ppb	6.697 ppb	6.350 ppb	2.9 %	90,685 cps
65Cu (KED)	74.352 ppb	75.015 ppb	75.021 ppb	73.020 ppb	1.6 %	1,155,569 cps
66Zn (KED)	289.275 ppb	286.547 ppb	293.872 ppb	287.405 ppb	1.4 %	1,846,692 cps
75As (KED)	0.159 ppb	0.155 ppb	0.163 ppb	0.159 ppb	2.4 %	601 cps
78Se (KED)	0.152 ppb	0.186 ppb	0.150 ppb	0.119 ppb	21.9 %	55 cps
95Mo (KED)	30.032 ppb	29.868 ppb	30.118 ppb	30.111 ppb	0.5 %	680,096 cps
111Cd (KED)	0.027 ppb	0.030 ppb	0.025 ppb	0.025 ppb	12.2 %	353 cps
201Hg (KED)	0.000 ppb	-0.001 ppb	-0.002 ppb	0.003 ppb	1,643.9 %	50 cps
202Hg (KED)	0.006 ppb	0.006 ppb	0.006 ppb	0.006 ppb	4.5 %	238 cps
206Pb (KED)	0.173 ppb	0.167 ppb	0.176 ppb	0.175 ppb	3.0 %	13,751 cps
207Pb (KED)	0.167 ppb	0.160 ppb	0.167 ppb	0.173 ppb	3.9 %	11,740 cps
208Pb (KED)	0.176 ppb	0.174 ppb	0.173 ppb	0.181 ppb	2.3 %	85,269 cps

Analysis index: 70 Analysis label: 1349.001 Analysis started at: 15-Mar-23 4:27:54 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.261 ppb	10.374 ppb	10.554 ppb	9.854 ppb	3.5 %	348,449 cps
55Mn (KED)	106.373 ppb	107.394 ppb	108.495 ppb	103.229 ppb	2.6 %	1,669,158 cps
56Fe (KED)	606.473 ppb	613.132 ppb	629.893 ppb	576.395 ppb	4.5 %	14,708,871 cps
60Ni (KED)	23.895 ppb	24.392 ppb	24.461 ppb	22.832 ppb	3.9 %	331,598 cps
65Cu (KED)	104.434 ppb	105.624 ppb	106.893 ppb	100.784 ppb	3.1 %	1,621,505 cps
66Zn (KED)	237.558 ppb	240.239 ppb	243.226 ppb	229.211 ppb	3.1 %	1,517,341 cps
75As (KED)	0.086 ppb	0.094 ppb	0.094 ppb	0.071 ppb	15.5 %	355 cps
78Se (KED)	8.884 ppb	8.976 ppb	9.141 ppb	8.535 ppb	3.5 %	2,566 cps
95Mo (KED)	21.395 ppb	22.025 ppb	21.439 ppb	20.721 ppb	3.1 %	484,787 cps
111Cd (KED)	0.042 ppb	0.043 ppb	0.042 ppb	0.041 ppb	2.8 %	549 cps
201Hg (KED)	0.001 ppb	0.003 ppb	0.000 ppb	0.001 ppb	126.2 %	59 cps
202Hg (KED)	0.001 ppb	0.000 ppb	0.001 ppb	0.001 ppb	53.6 %	141 cps
206Pb (KED)	0.104 ppb	0.104 ppb	0.107 ppb	0.101 ppb	3.3 %	9,298 cps
207Pb (KED)	0.105 ppb	0.113 ppb	0.105 ppb	0.098 ppb	7.1 %	8,154 cps
208Pb (KED)	0.105 ppb	0.107 ppb	0.105 ppb	0.102 ppb	2.2 %	56,878 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 71 Analysis label: 1186.001 Analysis started at: 15-Mar-23 4:30:07 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.495 ppb	10.343 ppb	10.534 ppb	10.607 ppb	1.3 %	356,262 cps
55Mn (KED)	48.195 ppb	47.100 ppb	48.192 ppb	49.294 ppb	2.3 %	757,028 cps
56Fe (KED)	129.171 ppb	126.159 ppb	132.388 ppb	128.966 ppb	2.4 %	3,201,295 cps
60Ni (KED)	3.943 ppb	3.831 ppb	3.986 ppb	4.012 ppb	2.5 %	55,569 cps
65Cu (KED)	19.351 ppb	19.002 ppb	19.412 ppb	19.640 ppb	1.7 %	303,650 cps
66Zn (KED)	178.610 ppb	172.587 ppb	180.370 ppb	182.874 ppb	3.0 %	1,141,934 cps
75As (KED)	0.026 ppb	0.034 ppb	0.024 ppb	0.020 ppb	27.6 %	153 cps
78Se (KED)	0.875 ppb	0.925 ppb	0.823 ppb	0.878 ppb	5.8 %	263 cps
95Mo (KED)	2.548 ppb	2.438 ppb	2.574 ppb	2.632 ppb	3.9 %	58,631 cps
111Cd (KED)	0.037 ppb	0.036 ppb	0.039 ppb	0.035 ppb	5.9 %	488 cps
201Hg (KED)	-0.002 ppb	0.001 ppb	-0.003 ppb	-0.003 ppb	129.2 %	34 cps
202Hg (KED)	-0.002 ppb	-0.002 ppb	-0.002 ppb	-0.001 ppb	41.6 %	92 cps
206Pb (KED)	0.133 ppb	0.130 ppb	0.136 ppb	0.133 ppb	2.3 %	11,159 cps
207Pb (KED)	0.136 ppb	0.132 ppb	0.140 ppb	0.136 ppb	2.8 %	9,949 cps
208Pb (KED)	0.105 ppb	0.101 ppb	0.106 ppb	0.109 ppb	3.5 %	57,349 cps

Analysis index: 72 Analysis label: 1186.001MD Analysis started at: 15-Mar-23 4:32:20 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.982 ppb	9.657 ppb	9.514 ppb	10.776 ppb	6.9 %	339,151 cps
55Mn (KED)	48.936 ppb	46.036 ppb	50.004 ppb	50.769 ppb	5.2 %	768,647 cps
56Fe (KED)	134.443 ppb	126.658 ppb	139.002 ppb	137.669 ppb	5.0 %	3,328,400 cps
60Ni (KED)	3.030 ppb	2.846 ppb	3.151 ppb	3.092 ppb	5.4 %	42,935 cps
65Cu (KED)	19.200 ppb	17.825 ppb	20.046 ppb	19.731 ppb	6.3 %	301,312 cps
66Zn (KED)	182.410 ppb	172.768 ppb	189.723 ppb	184.741 ppb	4.8 %	1,166,135 cps
75As (KED)	0.021 ppb	0.020 ppb	0.027 ppb	0.016 ppb	24.4 %	136 cps
78Se (KED)	0.773 ppb	0.908 ppb	0.807 ppb	0.602 ppb	20.2 %	233 cps
95Mo (KED)	2.483 ppb	2.350 ppb	2.513 ppb	2.587 ppb	4.9 %	57,161 cps
111Cd (KED)	0.036 ppb	0.033 ppb	0.032 ppb	0.042 ppb	15.5 %	469 cps
201Hg (KED)	-0.002 ppb	-0.001 ppb	-0.002 ppb	-0.001 ppb	39.2 %	37 cps
202Hg (KED)	-0.001 ppb	-0.001 ppb	-0.001 ppb	-0.001 ppb	22.4 %	105 cps
206Pb (KED)	0.121 ppb	0.114 ppb	0.125 ppb	0.123 ppb	5.0 %	10,371 cps
207Pb (KED)	0.115 ppb	0.106 ppb	0.125 ppb	0.115 ppb	7.9 %	8,766 cps
208Pb (KED)	0.119 ppb	0.110 ppb	0.127 ppb	0.121 ppb	7.1 %	62,674 cps

Analysis index: 73 Analysis label: 1186.001MF Analysis started at: 15-Mar-23 4:34:33 PM

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	44.386 ppb	42.866 ppb	46.461 ppb	43.830 ppb	4.2 %	1,488,089 cps
55Mn (KED)	83.505 ppb	82.248 ppb	86.211 ppb	82.056 ppb	2.8 %	1,310,628 cps
56Fe (KED)	173.041 ppb	170.272 ppb	180.212 ppb	168.639 ppb	3.6 %	4,258,990 cps
60Ni (KED)	56.473 ppb	56.039 ppb	58.706 ppb	54.674 ppb	3.6 %	782,296 cps
65Cu (KED)	80.482 ppb	80.340 ppb	82.029 ppb	79.076 ppb	1.8 %	1,250,512 cps
66Zn (KED)	220.391 ppb	216.018 ppb	226.070 ppb	219.084 ppb	2.3 %	1,408,010 cps
75As (KED)	59.646 ppb	58.999 ppb	60.888 ppb	59.052 ppb	1.8 %	201,065 cps
78Se (KED)	65.037 ppb	63.163 ppb	66.657 ppb	65.292 ppb	2.7 %	18,715 cps
95Mo (KED)	55.733 ppb	54.988 ppb	55.822 ppb	56.388 ppb	1.3 %	1,261,223 cps
111Cd (KED)	50.975 ppb	49.110 ppb	52.356 ppb	51.458 ppb	3.3 %	645,266 cps
201Hg (KED)	0.003 ppb	0.005 ppb	0.001 ppb	0.004 ppb	68.9 %	76 cps
202Hg (KED)	0.003 ppb	0.002 ppb	0.005 ppb	0.004 ppb	44.9 %	191 cps
206Pb (KED)	49.214 ppb	45.888 ppb	51.511 ppb	50.244 ppb	6.0 %	3,205,310 cps
207Pb (KED)	47.376 ppb	44.216 ppb	48.652 ppb	49.259 ppb	5.8 %	2,754,160 cps
208Pb (KED)	48.277 ppb	45.194 ppb	50.800 ppb	48.838 ppb	5.9 %	19,264,655 cps

Analysis index: 74 Analysis label: CCV bajo 5 Analysis started at: 15-Mar-23 4:36:47 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.019 ppb	4.969 ppb	5.102 ppb	4.985 ppb	1.4 %	173,378 cps
55Mn (KED)	56.183 ppb	54.436 ppb	57.332 ppb	56.781 ppb	2.7 %	882,262 cps
56Fe (KED)	59.608 ppb	58.048 ppb	60.277 ppb	60.497 ppb	2.3 %	1,524,146 cps
60Ni (KED)	5.528 ppb	5.453 ppb	5.499 ppb	5.633 ppb	1.7 %	77,503 cps
65Cu (KED)	69.777 ppb	69.622 ppb	69.934 ppb	69.776 ppb	0.2 %	1,084,707 cps
66Zn (KED)	49.950 ppb	49.294 ppb	50.763 ppb	49.793 ppb	1.5 %	322,570 cps
75As (KED)	5.269 ppb	5.285 ppb	5.187 ppb	5.336 ppb	1.4 %	17,822 cps
78Se (KED)	5.095 ppb	5.019 ppb	5.127 ppb	5.139 ppb	1.3 %	1,476 cps
95Mo (KED)	5.170 ppb	4.891 ppb	5.217 ppb	5.403 ppb	5.0 %	117,928 cps
111Cd (KED)	4.504 ppb	4.288 ppb	4.560 ppb	4.663 ppb	4.3 %	57,932 cps
201Hg (KED)	0.428 ppb	0.401 ppb	0.431 ppb	0.452 ppb	5.9 %	3,480 cps
202Hg (KED)	0.396 ppb	0.394 ppb	0.397 ppb	0.396 ppb	0.4 %	7,749 cps
206Pb (KED)	5.524 ppb	5.359 ppb	5.678 ppb	5.533 ppb	2.9 %	361,986 cps
207Pb (KED)	5.320 ppb	5.271 ppb	5.407 ppb	5.282 ppb	1.4 %	311,119 cps
208Pb (KED)	5.524 ppb	5.511 ppb	5.623 ppb	5.436 ppb	1.7 %	2,217,488 cps

Analysis index: 75 Analysis label: CCV alto 5 Analysis started at: 15-Mar-23 4:39:02 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	23.308 ppb	23.040 ppb	23.567 ppb	23.318 ppb	1.1 %	784,183 cps
55Mn (KED)	231.416 ppb	228.865 ppb	234.885 ppb	230.498 ppb	1.3 %	3,629,630 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
56Fe (KED)	221.045 ppb	222.908 ppb	226.314 ppb	213.913 ppb	2.9 %	5,416,344 cps
60Ni (KED)	27.242 ppb	27.203 ppb	27.699 ppb	26.824 ppb	1.6 %	377,902 cps
65Cu (KED)	266.874 ppb	272.141 ppb	265.225 ppb	263.255 ppb	1.7 %	4,137,576 cps
66Zn (KED)	267.422 ppb	266.646 ppb	269.880 ppb	265.739 ppb	0.8 %	1,707,522 cps
75As (KED)	26.521 ppb	26.584 ppb	26.799 ppb	26.181 ppb	1.2 %	89,438 cps
78Se (KED)	26.460 ppb	25.997 ppb	27.005 ppb	26.378 ppb	1.9 %	7,621 cps
95Mo (KED)	26.673 ppb	27.648 ppb	25.988 ppb	26.385 ppb	3.3 %	604,147 cps
111Cd (KED)	24.848 ppb	25.408 ppb	24.397 ppb	24.739 ppb	2.1 %	319,563 cps
201Hg (KED)	2.627 ppb	2.781 ppb	2.581 ppb	2.518 ppb	5.2 %	21,109 cps
202Hg (KED)	2.475 ppb	2.615 ppb	2.427 ppb	2.384 ppb	5.0 %	47,780 cps
206Pb (KED)	27.827 ppb	28.771 ppb	27.113 ppb	27.598 ppb	3.1 %	1,813,487 cps
207Pb (KED)	27.360 ppb	28.436 ppb	27.015 ppb	26.628 ppb	3.5 %	1,591,417 cps
208Pb (KED)	25.797 ppb	26.889 ppb	25.138 ppb	25.365 ppb	3.7 %	10,301,180 cps

Analysis index: 76 Analysis label: Bk5 Analysis started at: 15-Mar-23 4:41:17 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.017 ppb	0.019 ppb	0.015 ppb	0.016 ppb	13.6 %	6,337 cps
55Mn (KED)	0.076 ppb	0.073 ppb	0.074 ppb	0.080 ppb	5.1 %	2,591 cps
56Fe (KED)	-0.418 ppb	-0.548 ppb	-0.360 ppb	-0.346 ppb	26.9 %	76,953 cps
60Ni (KED)	0.020 ppb	0.022 ppb	0.019 ppb	0.020 ppb	8.5 %	1,300 cps
65Cu (KED)	-0.014 ppb	-0.017 ppb	-0.014 ppb	-0.011 ppb	23.3 %	3,701 cps
66Zn (KED)	0.144 ppb	0.137 ppb	0.130 ppb	0.164 ppb	12.1 %	5,383 cps
75As (KED)	0.014 ppb	0.008 ppb	0.016 ppb	0.018 ppb	37.1 %	112 cps
78Se (KED)	0.021 ppb	0.005 ppb	0.023 ppb	0.036 ppb	73.7 %	17 cps
95Mo (KED)	0.158 ppb	0.159 ppb	0.171 ppb	0.144 ppb	8.4 %	4,589 cps
111Cd (KED)	0.003 ppb	0.003 ppb	0.004 ppb	0.002 ppb	27.6 %	54 cps
201Hg (KED)	0.019 ppb	0.018 ppb	0.018 ppb	0.021 ppb	9.2 %	199 cps
202Hg (KED)	0.016 ppb	0.019 ppb	0.016 ppb	0.014 ppb	13.2 %	441 cps
206Pb (KED)	0.003 ppb	-0.001 ppb	0.007 ppb	0.003 ppb	146.4 %	2,701 cps
207Pb (KED)	0.004 ppb	0.002 ppb	0.006 ppb	0.005 ppb	42.4 %	2,310 cps
208Pb (KED)	0.003 ppb	0.001 ppb	0.006 ppb	0.003 ppb	73.2 %	16,348 cps

Analysis index: 77 Analysis label: 1189.001 Analysis started at: 15-Mar-23 4:43:33 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.677 ppb	9.688 ppb	9.741 ppb	9.602 ppb	0.7 %	328,954 cps
55Mn (KED)	45.811 ppb	45.923 ppb	46.462 ppb	45.048 ppb	1.6 %	719,647 cps
56Fe (KED)	144.975 ppb	145.897 ppb	147.191 ppb	141.839 ppb	1.9 %	3,582,332 cps
60Ni (KED)	2.710 ppb	2.720 ppb	2.783 ppb	2.628 ppb	2.9 %	38,513 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
65Cu (KED)	30.371 ppb	30.311 ppb	30.714 ppb	30.088 ppb	1.0 %	474,334 cps
66Zn (KED)	247.739 ppb	246.260 ppb	252.600 ppb	244.358 ppb	1.7 %	1,582,177 cps
75As (KED)	0.015 ppb	0.020 ppb	0.009 ppb	0.017 ppb	37.9 %	117 cps
78Se (KED)	2.307 ppb	2.255 ppb	2.571 ppb	2.096 ppb	10.5 %	675 cps
95Mo (KED)	3.614 ppb	3.577 ppb	3.538 ppb	3.726 ppb	2.7 %	82,726 cps
111Cd (KED)	0.085 ppb	0.086 ppb	0.083 ppb	0.085 ppb	2.3 %	1,101 cps
201Hg (KED)	0.004 ppb	0.002 ppb	0.005 ppb	0.005 ppb	50.4 %	81 cps
202Hg (KED)	0.003 ppb	0.002 ppb	0.003 ppb	0.005 ppb	50.3 %	183 cps
206Pb (KED)	0.043 ppb	0.043 ppb	0.046 ppb	0.039 ppb	8.5 %	5,292 cps
207Pb (KED)	0.045 ppb	0.046 ppb	0.048 ppb	0.042 ppb	6.6 %	4,697 cps
208Pb (KED)	0.044 ppb	0.044 ppb	0.048 ppb	0.040 ppb	9.1 %	32,730 cps

Analysis index: 78 Analysis label: 1192.001 Analysis started at: 15-Mar-23 4:45:46 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.585 ppb	9.498 ppb	9.737 ppb	9.519 ppb	1.4 %	325,863 cps
55Mn (KED)	31.212 ppb	31.192 ppb	32.012 ppb	30.433 ppb	2.5 %	490,763 cps
56Fe (KED)	134.590 ppb	133.922 ppb	136.609 ppb	133.240 ppb	1.3 %	3,331,954 cps
60Ni (KED)	3.920 ppb	4.063 ppb	4.034 ppb	3.663 ppb	5.7 %	55,252 cps
65Cu (KED)	18.293 ppb	18.841 ppb	18.835 ppb	17.201 ppb	5.2 %	287,252 cps
66Zn (KED)	211.132 ppb	214.170 ppb	217.935 ppb	201.292 ppb	4.1 %	1,349,049 cps
75As (KED)	0.038 ppb	0.038 ppb	0.036 ppb	0.039 ppb	3.6 %	192 cps
78Se (KED)	1.484 ppb	1.660 ppb	1.357 ppb	1.434 ppb	10.6 %	438 cps
95Mo (KED)	6.841 ppb	6.666 ppb	7.139 ppb	6.718 ppb	3.8 %	155,707 cps
111Cd (KED)	0.047 ppb	0.049 ppb	0.051 ppb	0.042 ppb	10.2 %	617 cps
201Hg (KED)	0.000 ppb	0.000 ppb	0.000 ppb	0.001 ppb	212.8 %	52 cps
202Hg (KED)	0.001 ppb	-0.001 ppb	0.001 ppb	0.002 ppb	150.2 %	140 cps
206Pb (KED)	0.052 ppb	0.051 ppb	0.056 ppb	0.047 ppb	9.2 %	5,874 cps
207Pb (KED)	0.051 ppb	0.049 ppb	0.059 ppb	0.046 ppb	12.5 %	5,049 cps
208Pb (KED)	0.050 ppb	0.050 ppb	0.055 ppb	0.046 ppb	8.7 %	35,044 cps

Analysis index: 79 Analysis label: 1366.001 Analysis started at: 15-Mar-23 4:48:00 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.691 ppb	11.076 ppb	9.803 ppb	11.194 ppb	7.2 %	362,818 cps
55Mn (KED)	43.901 ppb	44.849 ppb	41.804 ppb	45.051 ppb	4.1 %	689,703 cps
56Fe (KED)	158.899 ppb	162.121 ppb	150.831 ppb	163.744 ppb	4.4 %	3,918,020 cps
60Ni (KED)	4.404 ppb	4.357 ppb	4.172 ppb	4.683 ppb	5.9 %	61,950 cps
65Cu (KED)	18.107 ppb	18.085 ppb	17.426 ppb	18.811 ppb	3.8 %	284,383 cps
66Zn (KED)	218.671 ppb	218.455 ppb	207.554 ppb	230.004 ppb	5.1 %	1,397,060 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
75As (KED)	0.059 ppb	0.058 ppb	0.054 ppb	0.066 ppb	10.1 %	265 cps
78Se (KED)	0.070 ppb	0.053 ppb	0.064 ppb	0.091 ppb	27.9 %	31 cps
95Mo (KED)	4.157 ppb	4.204 ppb	3.917 ppb	4.349 ppb	5.3 %	95,004 cps
111Cd (KED)	0.042 ppb	0.041 ppb	0.041 ppb	0.044 ppb	4.2 %	557 cps
201Hg (KED)	0.001 ppb	0.000 ppb	-0.001 ppb	0.003 ppb	476.2 %	53 cps
202Hg (KED)	0.003 ppb	0.001 ppb	0.004 ppb	0.005 ppb	65.8 %	186 cps
206Pb (KED)	0.411 ppb	0.403 ppb	0.390 ppb	0.440 ppb	6.4 %	29,274 cps
207Pb (KED)	0.396 ppb	0.406 ppb	0.375 ppb	0.407 ppb	4.6 %	25,060 cps
208Pb (KED)	0.406 ppb	0.404 ppb	0.389 ppb	0.426 ppb	4.5 %	177,153 cps

Analysis index: 80 Analysis label: 1369.001 Analysis started at: 15-Mar-23 4:50:14 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.818 ppb	10.531 ppb	10.990 ppb	10.932 ppb	2.3 %	367,054 cps
55Mn (KED)	36.790 ppb	35.426 ppb	37.063 ppb	37.880 ppb	3.4 %	578,207 cps
56Fe (KED)	163.230 ppb	154.955 ppb	163.982 ppb	170.754 ppb	4.9 %	4,022,448 cps
60Ni (KED)	4.287 ppb	4.118 ppb	4.364 ppb	4.378 ppb	3.4 %	60,322 cps
65Cu (KED)	26.247 ppb	25.445 ppb	26.461 ppb	26.834 ppb	2.7 %	410,455 cps
66Zn (KED)	237.650 ppb	230.777 ppb	237.584 ppb	244.589 ppb	2.9 %	1,517,926 cps
75As (KED)	0.024 ppb	0.014 ppb	0.026 ppb	0.030 ppb	35.2 %	145 cps
78Se (KED)	3.585 ppb	3.075 ppb	3.895 ppb	3.785 ppb	12.4 %	1,042 cps
95Mo (KED)	5.612 ppb	5.488 ppb	5.744 ppb	5.604 ppb	2.3 %	127,912 cps
111Cd (KED)	0.148 ppb	0.159 ppb	0.143 ppb	0.143 ppb	6.1 %	1,918 cps
201Hg (KED)	0.000 ppb	-0.001 ppb	0.003 ppb	-0.002 ppb	1,134.4 %	47 cps
202Hg (KED)	0.000 ppb	0.002 ppb	0.000 ppb	0.000 ppb	321.9 %	133 cps
206Pb (KED)	0.136 ppb	0.126 ppb	0.134 ppb	0.147 ppb	8.0 %	11,357 cps
207Pb (KED)	0.136 ppb	0.135 ppb	0.132 ppb	0.142 ppb	3.7 %	9,971 cps
208Pb (KED)	0.139 ppb	0.137 ppb	0.138 ppb	0.140 ppb	1.0 %	70,367 cps

Analysis index: 81 Analysis label: 1385.001 Analysis started at: 15-Mar-23 4:52:27 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.101 ppb	9.697 ppb	10.453 ppb	10.155 ppb	3.8 %	343,125 cps
55Mn (KED)	63.301 ppb	61.946 ppb	63.433 ppb	64.523 ppb	2.0 %	993,862 cps
56Fe (KED)	221.414 ppb	214.487 ppb	226.325 ppb	223.431 ppb	2.8 %	5,425,241 cps
60Ni (KED)	6.061 ppb	5.973 ppb	6.123 ppb	6.088 ppb	1.3 %	84,877 cps
65Cu (KED)	20.042 ppb	19.453 ppb	20.532 ppb	20.141 ppb	2.7 %	314,345 cps
66Zn (KED)	152.698 ppb	148.252 ppb	155.359 ppb	154.483 ppb	2.5 %	976,913 cps
75As (KED)	0.102 ppb	0.106 ppb	0.095 ppb	0.105 ppb	6.0 %	409 cps
78Se (KED)	0.844 ppb	0.872 ppb	0.909 ppb	0.751 ppb	9.8 %	254 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
95Mo (KED)	4.949 ppb	4.776 ppb	5.058 ppb	5.013 ppb	3.1 %	112,919 cps
111Cd (KED)	0.018 ppb	0.016 ppb	0.018 ppb	0.018 ppb	9.0 %	238 cps
201Hg (KED)	-0.002 ppb	-0.003 ppb	-0.001 ppb	-0.002 ppb	60.9 %	33 cps
202Hg (KED)	0.000 ppb	0.000 ppb	0.001 ppb	0.000 ppb	184.6 %	135 cps
206Pb (KED)	0.285 ppb	0.280 ppb	0.298 ppb	0.276 ppb	4.0 %	21,048 cps
207Pb (KED)	0.275 ppb	0.277 ppb	0.280 ppb	0.269 ppb	2.2 %	18,056 cps
208Pb (KED)	0.279 ppb	0.278 ppb	0.288 ppb	0.271 ppb	3.1 %	126,305 cps

Analysis index: 82 Analysis label: 1398.001 Analysis started at: 15-Mar-23 4:54:41 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.057 ppb	9.869 ppb	10.172 ppb	10.128 ppb	1.6 %	341,626 cps
55Mn (KED)	43.121 ppb	41.993 ppb	42.707 ppb	44.664 ppb	3.2 %	677,473 cps
56Fe (KED)	137.361 ppb	135.275 ppb	138.182 ppb	138.626 ppb	1.3 %	3,398,753 cps
60Ni (KED)	4.318 ppb	4.262 ppb	4.324 ppb	4.369 ppb	1.2 %	60,761 cps
65Cu (KED)	17.202 ppb	16.873 ppb	17.461 ppb	17.273 ppb	1.7 %	270,361 cps
66Zn (KED)	118.964 ppb	117.926 ppb	119.899 ppb	119.065 ppb	0.8 %	762,079 cps
75As (KED)	0.065 ppb	0.068 ppb	0.062 ppb	0.065 ppb	4.6 %	285 cps
78Se (KED)	0.740 ppb	0.651 ppb	0.807 ppb	0.762 ppb	10.8 %	224 cps
95Mo (KED)	4.566 ppb	4.390 ppb	4.728 ppb	4.579 ppb	3.7 %	104,256 cps
111Cd (KED)	0.010 ppb	0.009 ppb	0.009 ppb	0.011 ppb	13.5 %	140 cps
201Hg (KED)	-0.002 ppb	-0.004 ppb	-0.001 ppb	-0.002 ppb	57.6 %	30 cps
202Hg (KED)	0.000 ppb	0.001 ppb	0.000 ppb	0.000 ppb	378.1 %	128 cps
206Pb (KED)	0.077 ppb	0.070 ppb	0.079 ppb	0.084 ppb	8.9 %	7,564 cps
207Pb (KED)	0.073 ppb	0.077 ppb	0.067 ppb	0.074 ppb	6.7 %	6,288 cps
208Pb (KED)	0.074 ppb	0.073 ppb	0.071 ppb	0.077 ppb	3.9 %	44,545 cps

Analysis index: 83 Analysis label: 1399.001 Analysis started at: 15-Mar-23 4:56:55 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.665 ppb	9.676 ppb	9.550 ppb	9.768 ppb	1.1 %	328,546 cps
55Mn (KED)	43.791 ppb	43.160 ppb	43.762 ppb	44.450 ppb	1.5 %	687,969 cps
56Fe (KED)	133.728 ppb	130.009 ppb	133.708 ppb	137.466 ppb	2.8 %	3,311,160 cps
60Ni (KED)	4.465 ppb	4.473 ppb	4.384 ppb	4.538 ppb	1.7 %	62,791 cps
65Cu (KED)	15.854 ppb	15.936 ppb	15.867 ppb	15.757 ppb	0.6 %	249,475 cps
66Zn (KED)	119.582 ppb	119.397 ppb	118.993 ppb	120.357 ppb	0.6 %	766,018 cps
75As (KED)	0.078 ppb	0.069 ppb	0.086 ppb	0.079 ppb	11.0 %	328 cps
78Se (KED)	0.857 ppb	0.942 ppb	0.858 ppb	0.770 ppb	10.1 %	257 cps
95Mo (KED)	4.518 ppb	4.517 ppb	4.427 ppb	4.610 ppb	2.0 %	103,176 cps
111Cd (KED)	0.011 ppb	0.012 ppb	0.010 ppb	0.012 ppb	8.0 %	158 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
201Hg (KED)	-0.002 ppb	-0.002 ppb	-0.003 ppb	0.000 ppb	82.0 %	34 cps
202Hg (KED)	-0.002 ppb	-0.002 ppb	-0.002 ppb	-0.002 ppb	3.5 %	82 cps
206Pb (KED)	0.075 ppb	0.076 ppb	0.072 ppb	0.078 ppb	3.6 %	7,424 cps
207Pb (KED)	0.074 ppb	0.071 ppb	0.079 ppb	0.072 ppb	5.6 %	6,363 cps
208Pb (KED)	0.074 ppb	0.071 ppb	0.074 ppb	0.076 ppb	3.5 %	44,453 cps

Analysis index: 84 Analysis label: 1399.001MD Analysis started at: 15-Mar-23 4:59:09 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	9.930 ppb	10.723 ppb	9.445 ppb	9.622 ppb	7.0 %	337,404 cps
55Mn (KED)	61.314 ppb	61.632 ppb	60.955 ppb	61.354 ppb	0.6 %	962,701 cps
56Fe (KED)	193.093 ppb	193.962 ppb	190.481 ppb	194.836 ppb	1.2 %	4,742,429 cps
60Ni (KED)	5.405 ppb	5.393 ppb	5.220 ppb	5.600 ppb	3.5 %	75,791 cps
65Cu (KED)	22.884 ppb	22.877 ppb	21.993 ppb	23.783 ppb	3.9 %	358,375 cps
66Zn (KED)	164.558 ppb	166.170 ppb	162.220 ppb	165.285 ppb	1.3 %	1,052,445 cps
75As (KED)	0.095 ppb	0.102 ppb	0.090 ppb	0.092 ppb	7.1 %	384 cps
78Se (KED)	0.899 ppb	0.818 ppb	0.898 ppb	0.982 ppb	9.1 %	269 cps
95Mo (KED)	5.360 ppb	5.401 ppb	5.348 ppb	5.329 ppb	0.7 %	122,206 cps
111Cd (KED)	0.015 ppb	0.013 ppb	0.017 ppb	0.015 ppb	13.2 %	203 cps
201Hg (KED)	0.000 ppb	0.002 ppb	-0.002 ppb	-0.001 ppb	564.8 %	46 cps
202Hg (KED)	-0.002 ppb	-0.002 ppb	-0.002 ppb	-0.002 ppb	19.0 %	89 cps
206Pb (KED)	0.271 ppb	0.268 ppb	0.268 ppb	0.279 ppb	2.3 %	20,587 cps
207Pb (KED)	0.255 ppb	0.260 ppb	0.254 ppb	0.251 ppb	1.7 %	17,214 cps
208Pb (KED)	0.268 ppb	0.264 ppb	0.270 ppb	0.271 ppb	1.4 %	124,531 cps

Analysis index: 85 Analysis label: 1399.001MF Analysis started at: 15-Mar-23 5:01:23 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	44.006 ppb	43.307 ppb	44.297 ppb	44.414 ppb	1.4 %	1,475,403 cps
55Mn (KED)	90.012 ppb	87.902 ppb	92.093 ppb	90.040 ppb	2.3 %	1,412,639 cps
56Fe (KED)	210.989 ppb	206.274 ppb	214.516 ppb	212.175 ppb	2.0 %	5,173,884 cps
60Ni (KED)	57.350 ppb	57.404 ppb	57.349 ppb	57.296 ppb	0.1 %	794,424 cps
65Cu (KED)	81.235 ppb	81.249 ppb	81.352 ppb	81.104 ppb	0.2 %	1,262,181 cps
66Zn (KED)	207.928 ppb	208.980 ppb	208.572 ppb	206.233 ppb	0.7 %	1,328,643 cps
75As (KED)	53.202 ppb	53.056 ppb	52.968 ppb	53.582 ppb	0.6 %	179,348 cps
78Se (KED)	55.391 ppb	57.469 ppb	53.707 ppb	54.997 ppb	3.5 %	15,941 cps
95Mo (KED)	59.813 ppb	60.076 ppb	58.560 ppb	60.803 ppb	1.9 %	1,353,488 cps
111Cd (KED)	43.068 ppb	41.805 ppb	43.682 ppb	43.718 ppb	2.5 %	553,883 cps
201Hg (KED)	0.004 ppb	0.002 ppb	0.004 ppb	0.007 ppb	65.0 %	83 cps
202Hg (KED)	0.004 ppb	0.003 ppb	0.003 ppb	0.005 ppb	29.0 %	196 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
206Pb (KED)	50.226 ppb	46.920 ppb	50.327 ppb	53.430 ppb	6.5 %	3,271,150 cps
207Pb (KED)	48.963 ppb	48.319 ppb	49.070 ppb	49.501 ppb	1.2 %	2,846,399 cps
208Pb (KED)	49.647 ppb	47.131 ppb	50.087 ppb	51.723 ppb	4.7 %	19,810,741 cps

Analysis index: 86 Analysis label: Ctrlidig1 Analysis started at: 15-Mar-23 5:03:37 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	42.783 ppb	42.675 ppb	42.863 ppb	42.811 ppb	0.2 %	1,434,559 cps
55Mn (KED)	52.702 ppb	51.655 ppb	53.779 ppb	52.672 ppb	2.0 %	827,678 cps
56Fe (KED)	55.113 ppb	55.247 ppb	55.544 ppb	54.546 ppb	0.9 %	1,415,776 cps
60Ni (KED)	52.235 ppb	51.770 ppb	52.674 ppb	52.262 ppb	0.9 %	723,669 cps
65Cu (KED)	59.596 ppb	59.419 ppb	58.990 ppb	60.378 ppb	1.2 %	927,001 cps
66Zn (KED)	41.781 ppb	42.036 ppb	41.695 ppb	41.612 ppb	0.5 %	270,546 cps
75As (KED)	43.778 ppb	43.571 ppb	44.003 ppb	43.762 ppb	0.5 %	147,593 cps
78Se (KED)	41.272 ppb	40.584 ppb	41.775 ppb	41.457 ppb	1.5 %	11,880 cps
95Mo (KED)	50.651 ppb	50.873 ppb	50.848 ppb	50.233 ppb	0.7 %	1,146,328 cps
111Cd (KED)	41.020 ppb	40.142 ppb	41.488 ppb	41.429 ppb	1.9 %	527,536 cps
201Hg (KED)	-0.002 ppb	-0.002 ppb	-0.001 ppb	-0.002 ppb	13.5 %	35 cps
202Hg (KED)	-0.001 ppb	-0.002 ppb	-0.001 ppb	-0.002 ppb	45.1 %	98 cps
206Pb (KED)	46.687 ppb	47.729 ppb	46.166 ppb	46.166 ppb	1.9 %	3,040,828 cps
207Pb (KED)	45.977 ppb	45.582 ppb	44.917 ppb	47.431 ppb	2.8 %	2,672,898 cps
208Pb (KED)	47.036 ppb	46.765 ppb	46.969 ppb	47.373 ppb	0.7 %	18,769,493 cps

Analysis index: 87 Analysis label: CCV bajo 6 Analysis started at: 15-Mar-23 5:05:52 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.061 ppb	5.159 ppb	4.909 ppb	5.115 ppb	2.6 %	174,802 cps
55Mn (KED)	56.601 ppb	57.143 ppb	55.294 ppb	57.365 ppb	2.0 %	888,815 cps
56Fe (KED)	59.894 ppb	60.134 ppb	59.277 ppb	60.271 ppb	0.9 %	1,531,051 cps
60Ni (KED)	5.336 ppb	5.209 ppb	5.345 ppb	5.455 ppb	2.3 %	74,847 cps
65Cu (KED)	52.648 ppb	52.483 ppb	52.316 ppb	53.144 ppb	0.8 %	813,504 cps
66Zn (KED)	49.182 ppb	47.929 ppb	49.988 ppb	49.629 ppb	2.2 %	317,680 cps
75As (KED)	5.119 ppb	5.050 ppb	5.198 ppb	5.109 ppb	1.5 %	17,317 cps
78Se (KED)	4.975 ppb	4.814 ppb	5.105 ppb	5.006 ppb	3.0 %	1,442 cps
95Mo (KED)	5.121 ppb	5.224 ppb	5.037 ppb	5.102 ppb	1.9 %	116,811 cps
111Cd (KED)	4.616 ppb	4.580 ppb	4.651 ppb	4.617 ppb	0.8 %	59,375 cps
201Hg (KED)	0.427 ppb	0.435 ppb	0.435 ppb	0.412 ppb	3.1 %	3,474 cps
202Hg (KED)	0.396 ppb	0.411 ppb	0.376 ppb	0.401 ppb	4.5 %	7,753 cps
206Pb (KED)	5.532 ppb	5.450 ppb	5.535 ppb	5.611 ppb	1.4 %	362,538 cps
207Pb (KED)	5.412 ppb	5.483 ppb	5.328 ppb	5.424 ppb	1.4 %	316,437 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
208Pb (KED)	5.594 ppb	5.618 ppb	5.398 ppb	5.766 ppb	3.3 %	2,245,382 cps

Analysis index: 88 Analysis label: CCV alto 6 Analysis started at: 15-Mar-23 5:08:06 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	22.440 ppb	21.627 ppb	22.774 ppb	22.920 ppb	3.2 %	755,194 cps
55Mn (KED)	223.537 ppb	214.804 ppb	226.297 ppb	229.511 ppb	3.5 %	3,506,111 cps
56Fe (KED)	213.616 ppb	199.379 ppb	217.503 ppb	223.966 ppb	6.0 %	5,237,226 cps
60Ni (KED)	26.062 ppb	24.831 ppb	27.099 ppb	26.255 ppb	4.4 %	361,572 cps
65Cu (KED)	257.743 ppb	249.359 ppb	266.919 ppb	256.950 ppb	3.4 %	3,996,142 cps
66Zn (KED)	256.669 ppb	249.084 ppb	263.152 ppb	257.771 ppb	2.8 %	1,639,046 cps
75As (KED)	25.610 ppb	24.816 ppb	26.135 ppb	25.878 ppb	2.7 %	86,366 cps
78Se (KED)	25.266 ppb	24.194 ppb	26.043 ppb	25.560 ppb	3.8 %	7,277 cps
95Mo (KED)	24.991 ppb	24.025 ppb	24.760 ppb	26.187 ppb	4.4 %	566,095 cps
111Cd (KED)	23.535 ppb	22.002 ppb	23.602 ppb	25.000 ppb	6.4 %	302,674 cps
201Hg (KED)	2.557 ppb	2.460 ppb	2.625 ppb	2.587 ppb	3.4 %	20,552 cps
202Hg (KED)	2.379 ppb	2.285 ppb	2.406 ppb	2.445 ppb	3.5 %	45,929 cps
206Pb (KED)	26.594 ppb	25.237 ppb	27.111 ppb	27.433 ppb	4.5 %	1,733,198 cps
207Pb (KED)	26.373 ppb	25.410 ppb	26.004 ppb	27.705 ppb	4.5 %	1,534,094 cps
208Pb (KED)	24.329 ppb	22.790 ppb	24.437 ppb	25.759 ppb	6.1 %	9,715,662 cps

Analysis index: 89 Analysis label: Bk6 Analysis started at: 15-Mar-23 5:10:22 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.014 ppb	0.019 ppb	0.016 ppb	0.009 ppb	37.8 %	6,260 cps
55Mn (KED)	0.072 ppb	0.074 ppb	0.077 ppb	0.065 ppb	8.7 %	2,534 cps
56Fe (KED)	-0.387 ppb	-0.364 ppb	-0.428 ppb	-0.370 ppb	9.1 %	77,691 cps
60Ni (KED)	0.012 ppb	0.012 ppb	0.015 ppb	0.009 ppb	27.1 %	1,185 cps
65Cu (KED)	-0.017 ppb	-0.014 ppb	-0.010 ppb	-0.026 ppb	50.4 %	3,658 cps
66Zn (KED)	0.104 ppb	0.102 ppb	0.097 ppb	0.112 ppb	7.0 %	5,127 cps
75As (KED)	0.011 ppb	0.009 ppb	0.011 ppb	0.011 ppb	10.8 %	101 cps
78Se (KED)	0.035 ppb	-0.004 ppb	0.053 ppb	0.056 ppb	95.9 %	21 cps
95Mo (KED)	0.160 ppb	0.183 ppb	0.151 ppb	0.146 ppb	12.6 %	4,636 cps
111Cd (KED)	0.005 ppb	0.005 ppb	0.005 ppb	0.004 ppb	16.3 %	72 cps
201Hg (KED)	0.017 ppb	0.018 ppb	0.019 ppb	0.015 ppb	12.4 %	188 cps
202Hg (KED)	0.016 ppb	0.021 ppb	0.013 ppb	0.013 ppb	30.5 %	429 cps
206Pb (KED)	0.001 ppb	0.005 ppb	0.001 ppb	-0.002 ppb	273.2 %	2,605 cps
207Pb (KED)	0.004 ppb	0.006 ppb	0.004 ppb	0.001 ppb	60.9 %	2,288 cps
208Pb (KED)	0.003 ppb	0.005 ppb	0.002 ppb	0.002 ppb	77.6 %	16,199 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 90 Analysis label: Bk dig3 Analysis started at: 15-Mar-23 5:12:38 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.105 ppb	9.969 ppb	10.161 ppb	10.186 ppb	1.2 %	343,250 cps
55Mn (KED)	0.302 ppb	0.284 ppb	0.308 ppb	0.315 ppb	5.4 %	6,138 cps
56Fe (KED)	17.314 ppb	17.092 ppb	17.265 ppb	17.586 ppb	1.5 %	504,471 cps
60Ni (KED)	2.253 ppb	2.209 ppb	2.286 ppb	2.263 ppb	1.8 %	32,186 cps
65Cu (KED)	0.156 ppb	0.159 ppb	0.166 ppb	0.142 ppb	7.8 %	6,327 cps
66Zn (KED)	0.418 ppb	0.429 ppb	0.395 ppb	0.429 ppb	4.7 %	7,127 cps
75As (KED)	0.008 ppb	0.010 ppb	0.005 ppb	0.007 ppb	29.3 %	91 cps
78Se (KED)	0.036 ppb	0.034 ppb	0.042 ppb	0.033 ppb	13.9 %	21 cps
95Mo (KED)	0.466 ppb	0.459 ppb	0.478 ppb	0.460 ppb	2.3 %	11,547 cps
111Cd (KED)	0.002 ppb	0.002 ppb	0.001 ppb	0.002 ppb	31.5 %	33 cps
201Hg (KED)	0.001 ppb	0.002 ppb	-0.002 ppb	0.002 ppb	320.8 %	54 cps
202Hg (KED)	0.001 ppb	0.002 ppb	0.002 ppb	-0.001 ppb	230.2 %	139 cps
206Pb (KED)	0.027 ppb	0.024 ppb	0.027 ppb	0.029 ppb	9.4 %	4,277 cps
207Pb (KED)	0.028 ppb	0.028 ppb	0.029 ppb	0.028 ppb	1.7 %	3,694 cps
208Pb (KED)	0.029 ppb	0.030 ppb	0.029 ppb	0.028 ppb	2.1 %	26,674 cps

Analysis index: 91 Analysis label: Bk dig4 Analysis started at: 15-Mar-23 5:14:52 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	10.160 ppb	10.175 ppb	10.113 ppb	10.192 ppb	0.4 %	345,074 cps
55Mn (KED)	0.353 ppb	0.353 ppb	0.348 ppb	0.357 ppb	1.3 %	6,928 cps
56Fe (KED)	19.821 ppb	20.028 ppb	19.475 ppb	19.959 ppb	1.5 %	564,908 cps
60Ni (KED)	2.821 ppb	2.753 ppb	2.883 ppb	2.827 ppb	2.3 %	40,049 cps
65Cu (KED)	0.311 ppb	0.314 ppb	0.307 ppb	0.310 ppb	1.2 %	8,724 cps
66Zn (KED)	0.623 ppb	0.611 ppb	0.670 ppb	0.588 ppb	6.8 %	8,433 cps
75As (KED)	0.004 ppb	0.006 ppb	0.007 ppb	-0.002 ppb	131.9 %	78 cps
78Se (KED)	0.039 ppb	0.016 ppb	0.059 ppb	0.043 ppb	55.6 %	22 cps
95Mo (KED)	0.454 ppb	0.453 ppb	0.454 ppb	0.457 ppb	0.4 %	11,293 cps
111Cd (KED)	0.000 ppb	0.000 ppb	0.001 ppb	0.000 ppb	74.3 %	17 cps
201Hg (KED)	0.003 ppb	0.006 ppb	0.000 ppb	0.004 ppb	87.1 %	76 cps
202Hg (KED)	0.003 ppb	0.003 ppb	0.002 ppb	0.003 ppb	10.5 %	177 cps
206Pb (KED)	0.058 ppb	0.057 ppb	0.057 ppb	0.059 ppb	1.8 %	6,290 cps
207Pb (KED)	0.061 ppb	0.063 ppb	0.058 ppb	0.060 ppb	3.9 %	5,582 cps
208Pb (KED)	0.058 ppb	0.059 ppb	0.056 ppb	0.059 ppb	2.2 %	38,158 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Analysis index: 92 Analysis label: 0933.001 Analysis started at: 15-Mar-23 5:17:06 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	16.420 ppb	16.133 ppb	16.524 ppb	16.602 ppb	1.5 %	554,125 cps
55Mn (KED)	65.885 ppb	64.949 ppb	65.856 ppb	66.851 ppb	1.4 %	1,034,372 cps
56Fe (KED)	725.816 ppb	716.817 ppb	725.100 ppb	735.531 ppb	1.3 %	17,586,168 cps
60Ni (KED)	6.292 ppb	6.238 ppb	6.254 ppb	6.383 ppb	1.3 %	88,063 cps
65Cu (KED)	101.194 ppb	99.940 ppb	102.128 ppb	101.513 ppb	1.1 %	1,571,327 cps
66Zn (KED)	255.962 ppb	257.072 ppb	253.831 ppb	256.984 ppb	0.7 %	1,634,545 cps
75As (KED)	1.157 ppb	1.163 ppb	1.186 ppb	1.122 ppb	2.8 %	3,964 cps
78Se (KED)	2.909 ppb	2.732 ppb	3.127 ppb	2.866 ppb	6.9 %	847 cps
95Mo (KED)	3.316 ppb	3.215 ppb	3.379 ppb	3.353 ppb	2.7 %	75,986 cps
111Cd (KED)	5.790 ppb	5.865 ppb	5.609 ppb	5.896 ppb	2.7 %	74,472 cps
201Hg (KED)	0.010 ppb	0.012 ppb	0.007 ppb	0.012 ppb	24.0 %	131 cps
202Hg (KED)	0.009 ppb	0.011 ppb	0.010 ppb	0.007 ppb	23.1 %	306 cps
206Pb (KED)	2.287 ppb	2.268 ppb	2.255 ppb	2.339 ppb	2.0 %	151,387 cps
207Pb (KED)	2.141 ppb	2.163 ppb	2.069 ppb	2.192 ppb	3.0 %	126,448 cps
208Pb (KED)	2.261 ppb	2.248 ppb	2.219 ppb	2.317 ppb	2.2 %	916,714 cps

Analysis index: 93 Analysis label: 1119.001 Analysis started at: 15-Mar-23 5:19:20 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	16.979 ppb	16.846 ppb	17.520 ppb	16.571 ppb	2.9 %	572,805 cps
55Mn (KED)	215.247 ppb	213.041 ppb	218.951 ppb	213.749 ppb	1.5 %	3,376,130 cps
56Fe (KED)	2,015.271 ppb	2,008.503 ppb	2,039.058 ppb	1,998.253 ppb	1.1 %	48,674,446 cps
60Ni (KED)	9.202 ppb	9.157 ppb	9.539 ppb	8.910 ppb	3.4 %	128,324 cps
65Cu (KED)	121.523 ppb	120.173 ppb	125.361 ppb	119.034 ppb	2.8 %	1,886,207 cps
66Zn (KED)	172.594 ppb	169.050 ppb	176.704 ppb	172.026 ppb	2.2 %	1,103,617 cps
75As (KED)	2.310 ppb	2.210 ppb	2.402 ppb	2.318 ppb	4.2 %	7,850 cps
78Se (KED)	1.353 ppb	1.294 ppb	1.312 ppb	1.454 ppb	6.5 %	400 cps
95Mo (KED)	2.429 ppb	2.328 ppb	2.632 ppb	2.326 ppb	7.3 %	55,939 cps
111Cd (KED)	3.926 ppb	3.857 ppb	4.053 ppb	3.867 ppb	2.8 %	50,499 cps
201Hg (KED)	0.017 ppb	0.007 ppb	0.020 ppb	0.024 ppb	52.9 %	185 cps
202Hg (KED)	0.018 ppb	0.018 ppb	0.016 ppb	0.020 ppb	11.7 %	474 cps
206Pb (KED)	4.330 ppb	4.263 ppb	4.413 ppb	4.314 ppb	1.8 %	284,319 cps
207Pb (KED)	4.153 ppb	3.966 ppb	4.280 ppb	4.213 ppb	4.0 %	243,323 cps
208Pb (KED)	4.341 ppb	4.206 ppb	4.429 ppb	4.388 ppb	2.7 %	1,745,868 cps

Analysis index: 94 Analysis label: 1439.001 Analysis started at: 15-Mar-23 5:21:35 PM

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	19.660 ppb	20.088 ppb	19.693 ppb	19.199 ppb	2.3 %	662,351 cps
55Mn (KED)	185.125 ppb	188.141 ppb	183.567 ppb	183.667 ppb	1.4 %	2,903,867 cps
56Fe (KED)	1,321.074 ppb	1,323.898 ppb	1,342.886 ppb	1,296.437 ppb	1.8 %	31,937,610 cps
60Ni (KED)	8.195 ppb	8.147 ppb	8.268 ppb	8.172 ppb	0.8 %	114,401 cps
65Cu (KED)	130.368 ppb	132.610 ppb	129.783 ppb	128.712 ppb	1.5 %	2,023,217 cps
66Zn (KED)	208.159 ppb	214.876 ppb	205.579 ppb	204.023 ppb	2.8 %	1,330,114 cps
75As (KED)	1.865 ppb	1.824 ppb	1.853 ppb	1.917 ppb	2.6 %	6,349 cps
78Se (KED)	1.051 ppb	1.113 ppb	1.000 ppb	1.040 ppb	5.4 %	313 cps
95Mo (KED)	1.870 ppb	1.902 ppb	1.892 ppb	1.816 ppb	2.5 %	43,299 cps
111Cd (KED)	3.796 ppb	3.821 ppb	3.834 ppb	3.735 ppb	1.4 %	48,836 cps
201Hg (KED)	0.014 ppb	0.019 ppb	0.015 ppb	0.009 ppb	32.7 %	165 cps
202Hg (KED)	0.014 ppb	0.019 ppb	0.010 ppb	0.013 ppb	29.8 %	397 cps
206Pb (KED)	2.877 ppb	2.798 ppb	2.967 ppb	2.865 ppb	3.0 %	193,923 cps
207Pb (KED)	2.715 ppb	2.623 ppb	2.809 ppb	2.713 ppb	3.4 %	163,297 cps
208Pb (KED)	2.856 ppb	2.799 ppb	2.977 ppb	2.792 ppb	3.7 %	1,179,364 cps

Analysis index: 95 Analysis label: 1439.001MD Analysis started at: 15-Mar-23 5:23:50 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	18.424 ppb	18.229 ppb	17.509 ppb	19.535 ppb	5.6 %	621,074 cps
55Mn (KED)	190.518 ppb	189.604 ppb	182.206 ppb	199.743 ppb	4.6 %	2,988,413 cps
56Fe (KED)	1,344.382 ppb	1,336.079 ppb	1,265.918 ppb	1,431.149 ppb	6.2 %	32,594,392 cps
60Ni (KED)	7.879 ppb	7.799 ppb	7.393 ppb	8.443 ppb	6.7 %	110,017 cps
65Cu (KED)	138.476 ppb	132.392 ppb	129.970 ppb	153.067 ppb	9.2 %	2,148,801 cps
66Zn (KED)	206.318 ppb	201.874 ppb	195.580 ppb	221.500 ppb	6.6 %	1,315,640 cps
75As (KED)	1.772 ppb	1.679 ppb	1.682 ppb	1.955 ppb	8.9 %	6,037 cps
78Se (KED)	1.179 ppb	1.097 ppb	1.070 ppb	1.369 ppb	14.0 %	350 cps
95Mo (KED)	1.914 ppb	1.893 ppb	1.845 ppb	2.002 ppb	4.2 %	44,285 cps
111Cd (KED)	3.408 ppb	3.373 ppb	3.179 ppb	3.673 ppb	7.3 %	44,620 cps
201Hg (KED)	0.008 ppb	0.006 ppb	0.012 ppb	0.008 ppb	40.1 %	116 cps
202Hg (KED)	0.014 ppb	0.017 ppb	0.011 ppb	0.015 ppb	19.2 %	401 cps
206Pb (KED)	2.646 ppb	2.688 ppb	2.541 ppb	2.710 ppb	3.5 %	174,750 cps
207Pb (KED)	2.500 ppb	2.476 ppb	2.378 ppb	2.646 ppb	5.4 %	147,291 cps
208Pb (KED)	2.581 ppb	2.555 ppb	2.482 ppb	2.705 ppb	4.4 %	1,044,065 cps

Analysis index: 96 Analysis label: 1439.001MF Analysis started at: 15-Mar-23 5:26:05 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	43.935 ppb	43.295 ppb	43.835 ppb	44.674 ppb	1.6 %	1,476,819 cps
55Mn (KED)	395.595 ppb	397.408 ppb	401.124 ppb	388.252 ppb	1.7 %	6,203,697 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
56Fe (KED)	1,555.605 ppb	1,532.582 ppb	1,589.274 ppb	1,544.959 ppb	1.9 %	37,701,789 cps
60Ni (KED)	31.249 ppb	30.979 ppb	31.617 ppb	31.152 ppb	1.1 %	433,339 cps
65Cu (KED)	369.329 ppb	360.573 ppb	376.743 ppb	370.669 ppb	2.2 %	5,724,516 cps
66Zn (KED)	438.773 ppb	441.354 ppb	431.213 ppb	443.750 ppb	1.5 %	2,795,314 cps
75As (KED)	29.625 ppb	28.610 ppb	29.915 ppb	30.351 ppb	3.1 %	99,898 cps
78Se (KED)	30.517 ppb	29.786 ppb	31.021 ppb	30.745 ppb	2.1 %	8,787 cps
95Mo (KED)	28.632 ppb	28.964 ppb	29.224 ppb	27.709 ppb	2.8 %	648,440 cps
111Cd (KED)	29.990 ppb	29.718 ppb	30.184 ppb	30.067 ppb	0.8 %	379,632 cps
201Hg (KED)	2.779 ppb	2.799 ppb	2.799 ppb	2.739 ppb	1.2 %	22,327 cps
202Hg (KED)	2.603 ppb	2.485 ppb	2.635 ppb	2.688 ppb	4.1 %	50,239 cps
206Pb (KED)	29.676 ppb	29.307 ppb	29.770 ppb	29.951 ppb	1.1 %	1,933,763 cps
207Pb (KED)	28.097 ppb	27.811 ppb	27.896 ppb	28.584 ppb	1.5 %	1,634,239 cps
208Pb (KED)	27.067 ppb	26.623 ppb	26.982 ppb	27.595 ppb	1.8 %	10,807,297 cps

Analysis index: 97 Analysis label: CtrlIdig2 Analysis started at: 15-Mar-23 5:28:19 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	31.692 ppb	31.359 ppb	31.850 ppb	31.867 ppb	0.9 %	1,064,166 cps
55Mn (KED)	225.248 ppb	221.194 ppb	227.724 ppb	226.826 ppb	1.6 %	3,532,925 cps
56Fe (KED)	232.234 ppb	227.500 ppb	236.743 ppb	232.460 ppb	2.0 %	5,686,109 cps
60Ni (KED)	28.105 ppb	27.903 ppb	27.767 ppb	28.646 ppb	1.7 %	389,846 cps
65Cu (KED)	253.705 ppb	255.707 ppb	252.741 ppb	252.668 ppb	0.7 %	3,933,605 cps
66Zn (KED)	212.537 ppb	215.705 ppb	210.322 ppb	211.585 ppb	1.3 %	1,357,996 cps
75As (KED)	22.188 ppb	22.484 ppb	22.435 ppb	21.646 ppb	2.1 %	74,837 cps
78Se (KED)	21.054 ppb	21.429 ppb	20.628 ppb	21.106 ppb	1.9 %	6,066 cps
95Mo (KED)	25.725 ppb	25.958 ppb	26.320 ppb	24.897 ppb	2.9 %	582,701 cps
111Cd (KED)	25.131 ppb	25.621 ppb	24.871 ppb	24.900 ppb	1.7 %	318,125 cps
201Hg (KED)	2.437 ppb	2.391 ppb	2.489 ppb	2.432 ppb	2.0 %	19,590 cps
202Hg (KED)	2.301 ppb	2.213 ppb	2.422 ppb	2.268 ppb	4.7 %	44,427 cps
206Pb (KED)	27.127 ppb	27.154 ppb	28.557 ppb	25.669 ppb	5.3 %	1,767,883 cps
207Pb (KED)	26.354 ppb	25.953 ppb	26.981 ppb	26.127 ppb	2.1 %	1,532,983 cps
208Pb (KED)	25.082 ppb	24.857 ppb	26.376 ppb	24.012 ppb	4.8 %	10,015,924 cps

Analysis index: 98 Analysis label: CCV bajo 7 Analysis started at: 15-Mar-23 5:30:34 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	5.097 ppb	4.860 ppb	5.088 ppb	5.343 ppb	4.7 %	176,001 cps
55Mn (KED)	57.197 ppb	54.728 ppb	57.721 ppb	59.142 ppb	3.9 %	898,159 cps
56Fe (KED)	60.289 ppb	57.861 ppb	60.642 ppb	62.364 ppb	3.8 %	1,540,576 cps
60Ni (KED)	5.369 ppb	5.100 ppb	5.410 ppb	5.598 ppb	4.7 %	75,304 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
65Cu (KED)	52.902 ppb	50.808 ppb	52.393 ppb	55.507 ppb	4.5 %	817,420 cps
66Zn (KED)	49.317 ppb	46.396 ppb	50.795 ppb	50.758 ppb	5.1 %	318,536 cps
75As (KED)	5.202 ppb	4.996 ppb	5.163 ppb	5.447 ppb	4.4 %	17,595 cps
78Se (KED)	5.187 ppb	5.289 ppb	5.321 ppb	4.951 ppb	3.9 %	1,503 cps
95Mo (KED)	5.083 ppb	4.843 ppb	5.077 ppb	5.328 ppb	4.8 %	115,953 cps
111Cd (KED)	4.666 ppb	4.354 ppb	4.637 ppb	5.008 ppb	7.0 %	60,023 cps
201Hg (KED)	0.446 ppb	0.406 ppb	0.464 ppb	0.468 ppb	7.8 %	3,625 cps
202Hg (KED)	0.414 ppb	0.379 ppb	0.433 ppb	0.430 ppb	7.4 %	8,099 cps
206Pb (KED)	5.602 ppb	5.043 ppb	5.788 ppb	5.976 ppb	8.8 %	367,119 cps
207Pb (KED)	5.420 ppb	5.053 ppb	5.472 ppb	5.735 ppb	6.3 %	316,908 cps
208Pb (KED)	5.527 ppb	5.240 ppb	5.530 ppb	5.811 ppb	5.2 %	2,218,942 cps

Analysis index: 99 Analysis label: CCV alto 7 Analysis started at: 15-Mar-23 5:32:49 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	23.015 ppb	22.563 ppb	22.769 ppb	23.713 ppb	2.7 %	774,388 cps
55Mn (KED)	228.629 ppb	228.713 ppb	225.241 ppb	231.934 ppb	1.5 %	3,585,944 cps
56Fe (KED)	222.109 ppb	218.208 ppb	223.674 ppb	224.445 ppb	1.5 %	5,441,989 cps
60Ni (KED)	26.881 ppb	26.927 ppb	26.647 ppb	27.069 ppb	0.8 %	372,910 cps
65Cu (KED)	263.734 ppb	263.441 ppb	266.336 ppb	261.424 ppb	0.9 %	4,088,938 cps
66Zn (KED)	262.433 ppb	261.452 ppb	261.103 ppb	264.744 ppb	0.8 %	1,675,752 cps
75As (KED)	26.041 ppb	26.426 ppb	25.772 ppb	25.925 ppb	1.3 %	87,821 cps
78Se (KED)	25.939 ppb	26.208 ppb	25.828 ppb	25.780 ppb	0.9 %	7,471 cps
95Mo (KED)	25.347 ppb	24.358 ppb	26.832 ppb	24.850 ppb	5.2 %	574,145 cps
111Cd (KED)	24.068 ppb	23.837 ppb	24.516 ppb	23.851 ppb	1.6 %	309,532 cps
201Hg (KED)	2.585 ppb	2.574 ppb	2.610 ppb	2.572 ppb	0.8 %	20,777 cps
202Hg (KED)	2.462 ppb	2.396 ppb	2.533 ppb	2.457 ppb	2.8 %	47,530 cps
206Pb (KED)	28.756 ppb	29.266 ppb	28.209 ppb	28.792 ppb	1.8 %	1,873,898 cps
207Pb (KED)	27.236 ppb	27.788 ppb	26.600 ppb	27.321 ppb	2.2 %	1,584,242 cps
208Pb (KED)	26.026 ppb	25.796 ppb	26.013 ppb	26.269 ppb	0.9 %	10,392,383 cps

Analysis index: 100 Analysis label: Bk7 Analysis started at: 15-Mar-23 5:35:04 PM

Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
52Cr (KED)	0.015 ppb	0.011 ppb	0.012 ppb	0.021 ppb	38.6 %	6,268 cps
55Mn (KED)	0.070 ppb	0.060 ppb	0.077 ppb	0.074 ppb	12.9 %	2,504 cps
56Fe (KED)	-0.451 ppb	-0.597 ppb	-0.433 ppb	-0.324 ppb	30.5 %	76,147 cps
60Ni (KED)	0.012 ppb	0.010 ppb	0.014 ppb	0.011 ppb	19.9 %	1,181 cps
65Cu (KED)	-0.006 ppb	0.014 ppb	-0.012 ppb	-0.021 ppb	281.2 %	3,813 cps
66Zn (KED)	0.130 ppb	0.119 ppb	0.126 ppb	0.145 ppb	10.2 %	5,296 cps

Reporte de resultados

17-Mar-23 3:14:02 PM



Category	Concentration average	Concentration per Run 1	Concentration per Run 2	Concentration per Run 3	Concentration RSD	IS Corrected Intensity Average
75As (KED)	0.014 ppb	0.016 ppb	0.012 ppb	0.014 ppb	14.6 %	112 cps
78Se (KED)	0.019 ppb	0.007 ppb	0.025 ppb	0.026 ppb	56.1 %	17 cps
95Mo (KED)	0.162 ppb	0.152 ppb	0.171 ppb	0.161 ppb	5.9 %	4,670 cps
111Cd (KED)	0.003 ppb	0.003 ppb	0.002 ppb	0.004 ppb	22.5 %	49 cps
201Hg (KED)	0.020 ppb	0.021 ppb	0.023 ppb	0.016 ppb	16.9 %	209 cps
202Hg (KED)	0.016 ppb	0.019 ppb	0.014 ppb	0.013 ppb	20.3 %	428 cps
206Pb (KED)	0.000 ppb	-0.002 ppb	0.001 ppb	0.001 ppb	11,325.9 %	2,522 cps
207Pb (KED)	0.002 ppb	0.000 ppb	0.002 ppb	0.004 ppb	95.8 %	2,177 cps
208Pb (KED)	0.002 ppb	0.000 ppb	0.003 ppb	0.003 ppb	91.9 %	15,814 cps

Secuencia de Muestras

17-Mar-23 3:15:06 PM



Instrument Name

iCAP RQ

LabBook

CEREALES - FDA - AOAC - 140323.imexp

LabBook Path

_Application Data\Workspace\LabBooks

Index	Label	Comment	Start time	Rack	Vial
1	BK LAVADO		15-Mar-23 1:55:08 PM	0	110
2	BK LAVADO		15-Mar-23 1:57:23 PM	0	110
3	BK LAVADO		15-Mar-23 1:59:38 PM	0	110
4	BK CURVA		15-Mar-23 2:01:54 PM	0	1
5	STD-1		15-Mar-23 2:04:04 PM	0	2
6	STD-2		15-Mar-23 2:06:15 PM	0	3
7	STD-3		15-Mar-23 2:08:27 PM	0	4
8	STD-4		15-Mar-23 2:10:39 PM	0	5
9	STD-5		15-Mar-23 2:12:51 PM	0	6
10	STD-6		15-Mar-23 2:15:05 PM	0	7
11	BK-QC		15-Mar-23 2:17:19 PM	0	110
12	ICV bajo 1		15-Mar-23 2:19:34 PM	0	8
13	ICV alto 1		15-Mar-23 2:21:49 PM	0	9
14	Bk1		15-Mar-23 2:24:04 PM	0	110
15	Bk dig1	CEM # 58	15-Mar-23 2:26:19 PM	1	1
16	Bk dig2	CEM # 59	15-Mar-23 2:28:31 PM	1	2
17	1029.001	CEM # 1 - QUINUA	15-Mar-23 2:30:42 PM	1	3
18	1030.001	CEM # 2 - QUINUA	15-Mar-23 2:32:54 PM	1	4
19	1037.001	CEM # 3 - QUINUA	15-Mar-23 2:35:07 PM	1	5
20	1063.001	CEM # 4 - QUINUA	15-Mar-23 2:37:20 PM	1	6
21	1064.001	CEM # 5 - QUINUA	15-Mar-23 2:39:33 PM	1	7
22	1065.001	CEM # 6 - QUINUA	15-Mar-23 2:41:47 PM	1	8
23	1066.001	CEM # 7 - QUINUA	15-Mar-23 2:43:57 PM	1	9
24	1068.001	CEM # 8 - QUINUA	15-Mar-23 2:46:07 PM	1	110
25	1316.001	CEM # 9 - QUINUA	15-Mar-23 2:48:18 PM	1	11
26	1048.001	CEM # 10 - TORTA DE SOYA	15-Mar-23 2:50:29 PM	1	12
27	1048.001MD	CEM # 11 - TORTA DE SOYA	15-Mar-23 2:52:41 PM	1	13
28	1048.001MF	CEM # 12 - TORTA DE SOYA	15-Mar-23 2:54:53 PM	1	14
29	CCV bajo 2		15-Mar-23 2:57:06 PM	0	8
30	CCV alto 2		15-Mar-23 2:59:21 PM	0	9
31	Bk2		15-Mar-23 3:01:36 PM	0	110
32	1049.001	CEM # 13 - TORTA DE SOYA	15-Mar-23 3:03:52 PM	1	15
33	1174.001	CEM # 14 - TORTA DE SOYA	15-Mar-23 3:06:02 PM	1	16
34	1182.001	CEM # 15 - TORTA DE SOYA	15-Mar-23 3:08:13 PM	1	17
35	1195.001	CEM # 16 - TORTA DE SOYA	15-Mar-23 3:10:24 PM	1	18
36	1235.001	CEM # 17 - TORTA DE SOYA	15-Mar-23 3:12:35 PM	1	19
37	1281.001	CEM # 18 - TORTA DE SOYA	15-Mar-23 3:14:47 PM	1	220
38	1288.001	CEM # 19 - TORTA DE SOYA	15-Mar-23 3:17:00 PM	1	21
39	1289.001	CEM # 20 - TORTA DE SOYA	15-Mar-23 3:19:12 PM	2	1
40	1292.001	CEM # 21 - TORTA DE SOYA	15-Mar-23 3:21:24 PM	2	2
41	1386.001	CEM # 22 - TORTA DE SOYA	15-Mar-23 3:23:36 PM	2	3
42	1386.001MD	CEM # 23 - TORTA DE SOYA	15-Mar-23 3:25:47 PM	2	4
43	1386.001MF	CEM # 24 - TORTA DE SOYA	15-Mar-23 3:27:59 PM	2	5
44	CCV bajo 3		15-Mar-23 3:30:11 PM	0	8
45	CCV alto 3		15-Mar-23 3:32:25 PM	0	9
46	Bk3		15-Mar-23 3:34:40 PM	0	110
47	1400.001	CEM # 25 - TORTA DE SOYA	15-Mar-23 3:36:56 PM	2	6
48	1401.001	CEM # 26 - TORTA DE SOYA	15-Mar-23 3:39:09 PM	2	7
49	1356.001	CEM # 27 - ARVERJA	15-Mar-23 3:41:22 PM	2	8
50	1357.001	CEM # 28 - ARVERJA	15-Mar-23 3:43:34 PM	2	9
51	1359.001	CEM # 29 - ARVERJA	15-Mar-23 3:45:46 PM	2	110
52	1360.001	CEM # 30 - ARVERJA	15-Mar-23 3:47:58 PM	2	11

Secuencia de Muestras

17-Mar-23 3:15:06 PM



Index	Label	Comment	Start time	Rack	Vial
53	1361.001	CEM # 31 - ARVERJA	15-Mar-23 3:50:10 PM	2	12
54	1362.001	CEM # 32 - ARVERJA	15-Mar-23 3:52:22 PM	2	13
55	1363.001	CEM # 33 - ARVERJA	15-Mar-23 3:54:34 PM	2	14
56	987.001	CEM # 34 - FREJOL	15-Mar-23 3:56:47 PM	2	15
57	987.001MD	CEM # 35 - FREJOL	15-Mar-23 3:59:00 PM	2	16
58	987.001MF	CEM # 36 - FREJOL	15-Mar-23 4:01:13 PM	2	17
59	CCV bajo 4		15-Mar-23 4:03:25 PM	0	8
60	CCV alto 4		15-Mar-23 4:05:40 PM	0	9
61	Bk4		15-Mar-23 4:07:55 PM	0	110
62	988.001	CEM # 37 - FREJOL	15-Mar-23 4:10:11 PM	2	18
63	989.001	CEM # 38 - FREJOL	15-Mar-23 4:12:23 PM	2	19
64	990.001	CEM # 39 - FREJOL	15-Mar-23 4:14:36 PM	2	220
65	1306.001	CEM # 40 - FREJOL	15-Mar-23 4:16:48 PM	2	21
66	1358.001	CEM # 41 - FREJOL	15-Mar-23 4:19:01 PM	3	1
67	1393.001	CEM # 42 - HABA	15-Mar-23 4:21:15 PM	3	2
68	1397.001	CEM # 43 - HABA	15-Mar-23 4:23:28 PM	3	3
69	1238.001	CEM # 44 - LENTEJA	15-Mar-23 4:25:41 PM	3	4
70	1349.001	CEM # 45 - LENTEJA	15-Mar-23 4:27:54 PM	3	5
71	1186.001	CEM # 46 - MAIZ AMARILLO	15-Mar-23 4:30:07 PM	3	6
72	1186.001MD	CEM # 47 - MAIZ AMARILLO	15-Mar-23 4:32:20 PM	3	7
73	1186.001MF	CEM # 48 - MAIZ AMARILLO	15-Mar-23 4:34:33 PM	3	8
74	CCV bajo 5		15-Mar-23 4:36:47 PM	0	8
75	CCV alto 5		15-Mar-23 4:39:02 PM	0	9
76	Bk5		15-Mar-23 4:41:17 PM	0	110
77	1189.001	CEM # 49 - MAIZ AMARILLO	15-Mar-23 4:43:33 PM	3	9
78	1192.001	CEM # 50 - MAIZ AMARILLO	15-Mar-23 4:45:46 PM	3	110
79	1366.001	CEM # 51 - MAIZ AMARILLO	15-Mar-23 4:48:00 PM	3	11
80	1369.001	CEM # 52 - MAIZ AMARILLO	15-Mar-23 4:50:14 PM	3	12
81	1385.001	CEM # 53 - MAIZ AMARILLO	15-Mar-23 4:52:27 PM	3	13
82	1398.001	CEM # 54 - MAIZ AMARILLO	15-Mar-23 4:54:41 PM	3	14
83	1399.001	CEM # 55 - MAIZ AMARILLO	15-Mar-23 4:56:55 PM	3	15
84	1399.001MD	CEM # 56 - MAIZ AMARILLO	15-Mar-23 4:59:09 PM	3	16
85	1399.001MF	CEM # 57 - MAIZ AMARILLO	15-Mar-23 5:01:23 PM	3	17
86	Ctrl dig1	CEM # 60	15-Mar-23 5:03:37 PM	3	18
87	CCV bajo 6		15-Mar-23 5:05:52 PM	0	8
88	CCV alto 6		15-Mar-23 5:08:06 PM	0	9
89	Bk6		15-Mar-23 5:10:22 PM	0	110
90	Bk dig3	CEM # 46	15-Mar-23 5:12:38 PM	3	19
91	Bk dig4	CEM # 47	15-Mar-23 5:14:52 PM	3	220
92	0933.001	CEM # 41 - PAPRIKA	15-Mar-23 5:17:06 PM	3	21
93	1119.001	CEM # 42 - PAPRIKA	15-Mar-23 5:19:20 PM	4	1
94	1439.001	CEM # 43 - PAPRIKA	15-Mar-23 5:21:35 PM	4	2
95	1439.001MD	CEM # 44 - PAPRIKA	15-Mar-23 5:23:50 PM	4	3
96	1439.001MF	CEM # 45 - PAPRIKA	15-Mar-23 5:26:05 PM	4	4
97	Ctrl dig2	CEM # 48	15-Mar-23 5:28:19 PM	4	5
98	CCV bajo 7		15-Mar-23 5:30:34 PM	0	8
99	CCV alto 7		15-Mar-23 5:32:49 PM	0	9
100	Bk7		15-Mar-23 5:35:04 PM	0	110