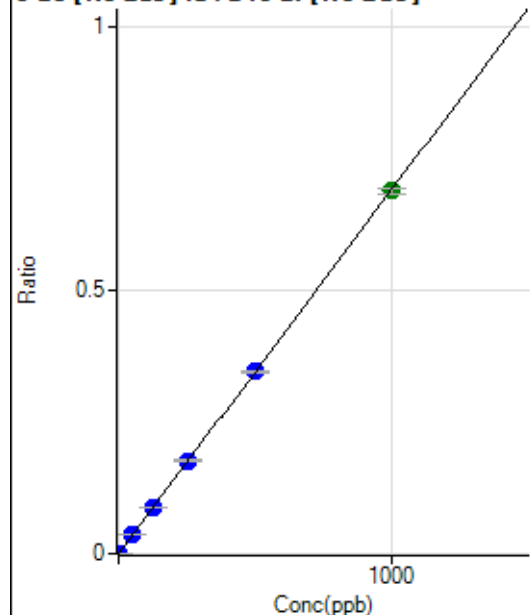


Batch Folder: D:\P8050418-MS .bb\
Analysis File: P8050418-MS .batch.bin
DA Date-Time: 2018-05-04 15:56:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-04 15:14:42
2			
3	005CALS.d	S02	2018-05-04 15:22:26
4	006CALS.d	S03	2018-05-04 15:26:07
5	007CALS.d	S04	2018-05-04 15:29:48
6	008CALS.d	S05	2018-05-04 15:33:21
7	009CALS.d	S06	2018-05-04 15:36:51
8	010CALS.d	S07	2018-05-04 15:40:15
9	011CALS.d	S08	2018-05-04 15:43:33

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	34.2
2	☐	0.100					
3	☐	1.000	0.944	1413.08	0.0007	P	4.2
4	☐	50.000	51.503	76305.40	0.0356	P	1.5
5	☐	125.000	128.832	189187.52	0.0889	P	0.6
6	☐	250.000	255.722	375630.67	0.1765	P	0.5
7	☐	500.000	501.348	744354.86	0.3460	P	0.9
8	☐	1000.000	997.342	1471771.45	0.6883	A	1.6
9	☐			211.12	0.0001	P	19.1

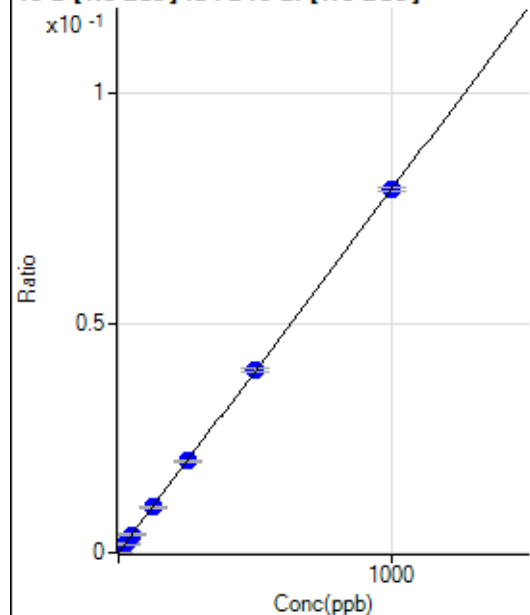
$$y = 6.9015\text{E-}004 * x + 7.7857\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01159$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	32.4
2	☐	2.500					
3	☐	25.000	23.685	4086.87	0.0019	P	4.9
4	☐	50.000	49.418	8458.40	0.0039	P	2.0
5	☐	125.000	124.392	20991.10	0.0099	P	3.0
6	☐	250.000	252.337	42519.80	0.0200	P	1.4
7	☐	500.000	501.881	85414.50	0.0397	P	1.6
8	☐	1000.000	998.613	168848.35	0.0790	P	0.9
9	☐			7035.39	0.0034	P	7.9

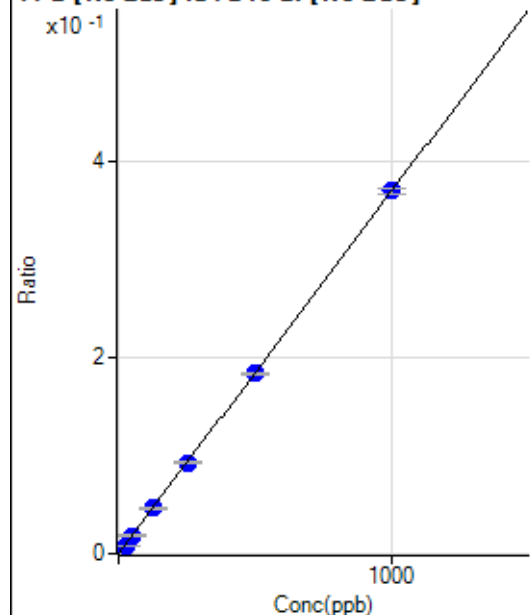
$$y = 7.9036\text{E-}005 * x + 3.4880\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.4286$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	366.69	0.0002	P	19.7
2	☐	2.500					
3	☐	25.000	22.576	18245.52	0.0085	P	1.6
4	☐	50.000	49.898	39925.82	0.0186	P	1.9
5	☐	125.000	124.709	98372.18	0.0462	P	1.6
6	☐	250.000	249.954	196880.67	0.0925	P	2.3
7	☐	500.000	497.526	395758.45	0.1840	P	1.3
8	☐	1000.000	1001.351	791276.92	0.3701	P	1.4
9	☐			32593.69	0.0157	P	8.0

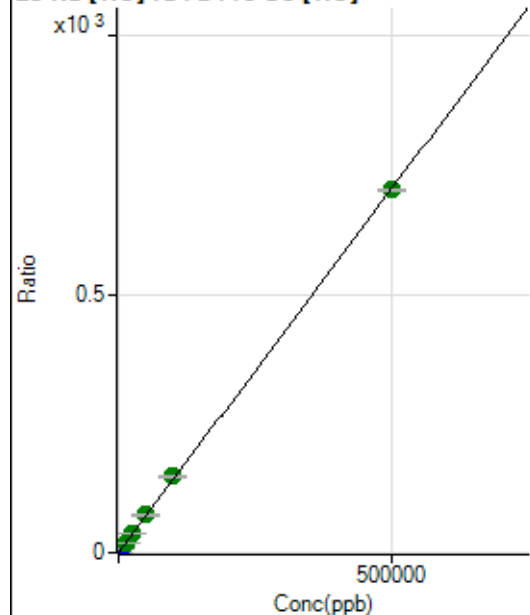
$$y = 3.6939\text{E-}004 * x + 1.7076\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2734$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6390.59	0.1082	P	2.5
2	☐	50.000					
3	☐	500.000	493.856	47405.29	0.8027	P	1.0
4	☐	5000.000	5378.907	444296.78	7.6724	P	2.1
5	☐	12500.000	13563.680	1118705.95	19.1823	A	2.6
6	☐	25000.000	26933.247	2205811.79	37.9834	A	4.8
7	☐	50000.000	52481.139	4294336.99	73.9103	A	4.2
8	☐	100000.00	104496.14	8541095.50	147.0569	A	4.6
9	☐	500000.00	498725.61	42985559.64	701.4459	A	0.7

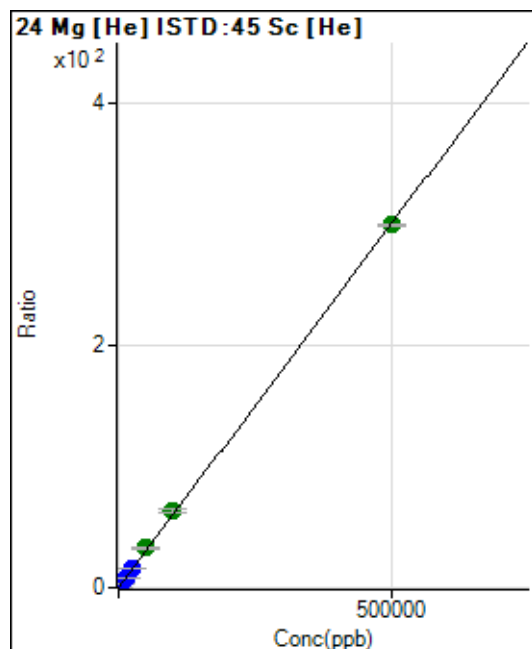
$$y = 0.0014 * x + 0.1082$$

$$R = 1.0000$$

$$DL = 5.757$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0025	P	22.4
2	☐	50.000					
3	☐	500.000	481.765	17277.79	0.2926	P	2.5
4	☐	5000.000	5407.303	188640.96	3.2578	P	2.6
5	☐	12500.000	13336.067	468392.82	8.0311	P	1.9
6	☐	25000.000	26650.152	931806.43	16.0464	P	5.0
7	☐	50000.000	54527.366	1907677.67	32.8289	A	3.7
8	☐	100000.00	105892.55	3701843.05	63.7516	A	5.3
9	☐	500000.00	498261.28	18382274.37	299.9640	A	0.3

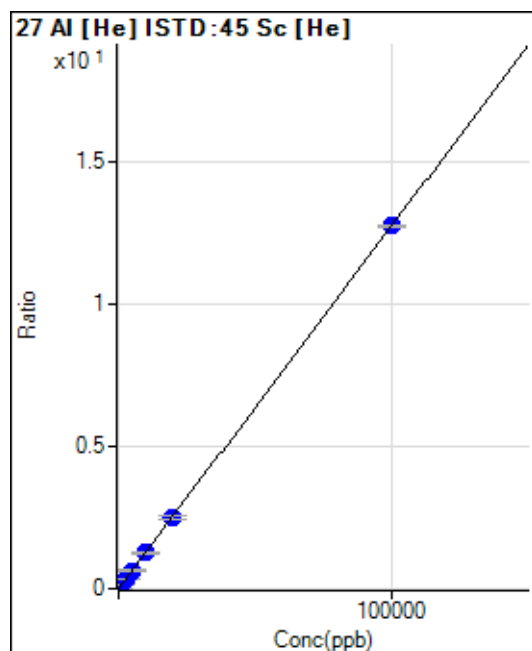
$$y = 6.0202\text{E-}004 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 2.841$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0004	P	57.6
2	☐	2.000					
3	☐	20.000	16.637	150.01	0.0025	P	21.9
4	☐	1000.000	983.369	7268.87	0.1255	P	2.6
5	☐	2500.000	2498.300	18557.23	0.3182	P	3.5
6	☐	5000.000	4945.909	36528.57	0.6295	P	7.6
7	☐	10000.000	9836.963	72683.99	1.2516	P	6.0
8	☐	20000.000	19789.495	146171.42	2.5174	P	5.4
9	☐	100000.00	100061.31	779926.81	12.7269	P	0.3

$$y = 1.2719\text{E-}004 * x + 4.2300\text{E-}004$$

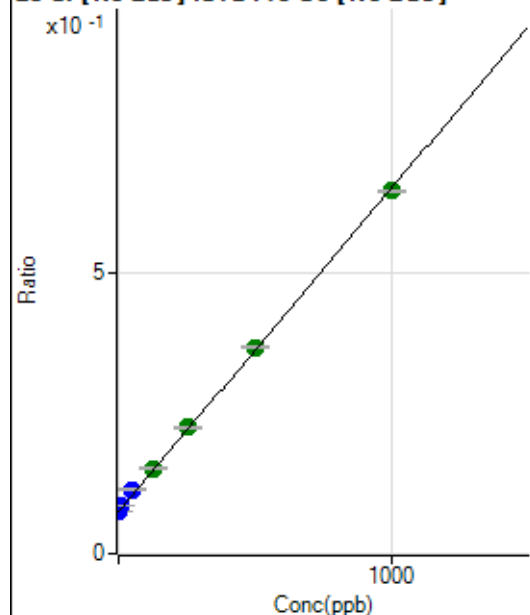
$$R = 1.0000$$

$$DL = 5.751$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	535872.24	0.0749	P	1.3
2	☐	1.000					
3	☐	10.000	18.863	611012.46	0.0858	P	1.9
4	☐	50.000	68.871	823337.75	0.1146	P	0.3
5	☐	125.000	134.173	1088328.77	0.1521	A	0.8
6	☐	250.000	260.007	1630467.55	0.2246	A	0.9
7	☐	500.000	507.286	2691069.57	0.3669	A	0.9
8	☐	1000.000	991.676	4742825.11	0.6457	A	0.3
9	☐			942207.03	0.1303	M	7.6

$$y = 5.7559\text{E-}004 * x + 0.0749$$

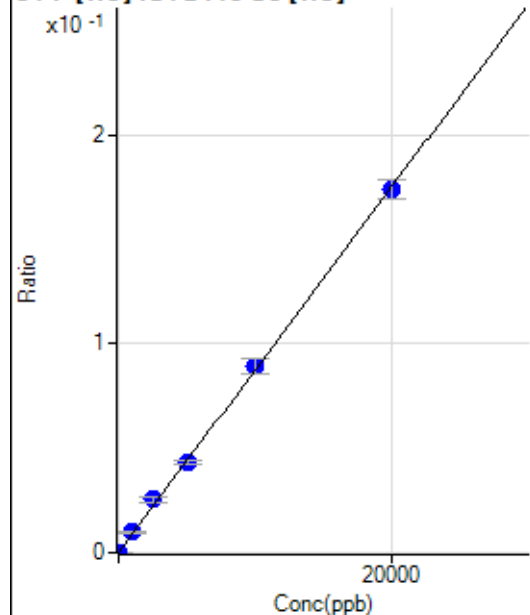
$$R = 0.9998$$

$$DL = 5.037$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	5.375	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	-5.375	0.00	0.0000	P	
4	☐	1000.000	1112.398	566.70	0.0098	P	3.1
5	☐	2500.000	2912.264	1489.04	0.0255	P	11.2
6	☐	5000.000	4987.941	2542.03	0.0437	P	4.4
7	☐	10000.000	10191.402	5184.55	0.0893	P	7.7
8	☐	20000.000	19850.161	10095.74	0.1739	P	5.2
9	☐			16.67	0.0003	P	50.1

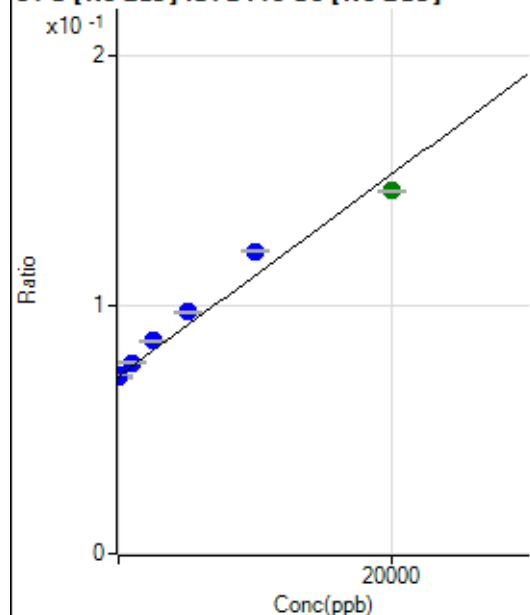
$$y = 8.7560\text{E-}006 * x + 4.7061\text{E-}005$$

$$R = 0.9997$$

$$DL = 13.96$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-158.449	506272.15	0.0708	P	1.2
2	☐	0.000					
3	☐	0.000	158.449	513351.75	0.0721	P	0.7
4	☐	1000.000	1339.276	552349.93	0.0769	P	0.7
5	☐	2500.000	3470.165	611628.44	0.0855	P	0.6
6	☐	5000.000	6359.063	705916.60	0.0972	P	0.5
7	☐	10000.000	12338.727	891168.19	0.1215	P	0.7
8	☐	20000.000	18352.636	1071764.43	0.1459	A	0.7
9	☐			483446.62	0.0668	P	1.0

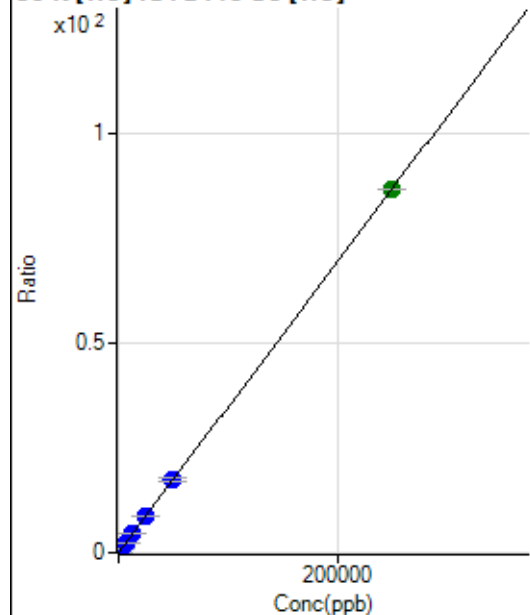
$$y = 4.0594\text{E-}006 * x + 0.0714$$

$$R = 0.9855$$

$$DL = 493.3$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2939.34	0.0498	P	3.4
2	☐	50.000					
3	☐	500.000	476.556	12670.15	0.2146	P	4.3
4	☐	2500.000	2606.066	55050.42	0.9508	P	4.0
5	☐	6250.000	6450.703	132978.89	2.2801	P	1.8
6	☐	12500.000	12801.481	259873.84	4.4758	P	5.4
7	☐	25000.000	25048.957	506059.33	8.7103	P	4.3
8	☐	50000.000	50165.891	1010012.26	17.3943	P	5.3
9	☐	250000.00	249940.82	5298732.54	86.4649	A	0.1

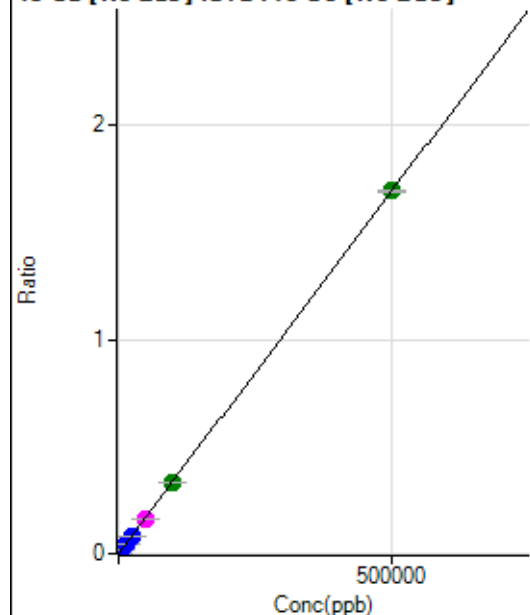
$$y = 3.4574\text{E-}004 * x + 0.0498$$

$$R = 1.0000$$

$$DL = 14.74$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1158.43	0.0002	P	8.0
2	☐	50.000					
3	☐	500.000	462.287	12286.52	0.0017	P	3.1
4	☐	5000.000	4822.521	118349.42	0.0165	P	0.5
5	☐	12500.000	12234.806	297059.23	0.0415	P	0.4
6	☐	25000.000	24025.098	590908.85	0.0814	P	0.6
7	☐	50000.000	48086.947	1193602.52	0.1627	M	0.9
8	☐	100000.00	97411.666	2420149.62	0.3295	A	0.2
9	☐	500000.00	500766.16	12246971.02	1.6932	A	0.3

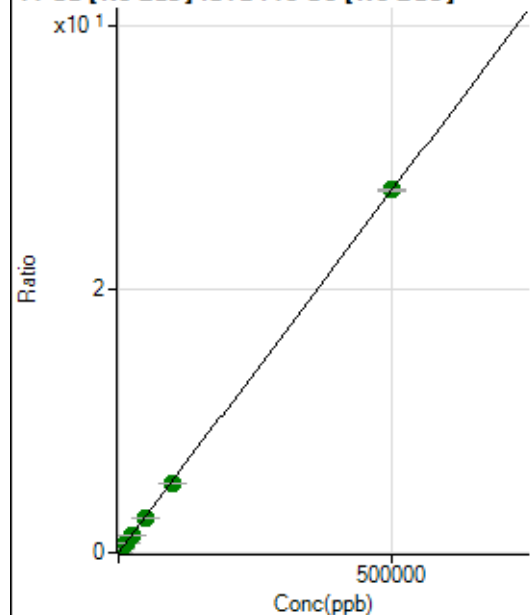
$$y = 3.3808\text{E-}006 * x + 1.6180\text{E-}004$$

$$R = 1.0000$$

$$DL = 11.54$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35582.43	0.0050	P	2.1
2	☐	50.000					
3	☐	500.000	455.865	213758.72	0.0300	P	0.6
4	☐	5000.000	4934.337	1983035.98	0.2759	A	0.7
5	☐	12500.000	12174.489	4817364.86	0.6734	A	1.1
6	☐	25000.000	23860.440	9547852.65	1.3151	A	1.0
7	☐	50000.000	47655.473	19227219.70	2.6216	A	1.7
8	☐	100000.00	95183.729	38422743.22	5.2311	A	0.2
9	☐	500000.00	501263.52	199112546.1	27.5274	A	0.4

$$y = 5.4906\text{E-}005 * x + 0.0050$$

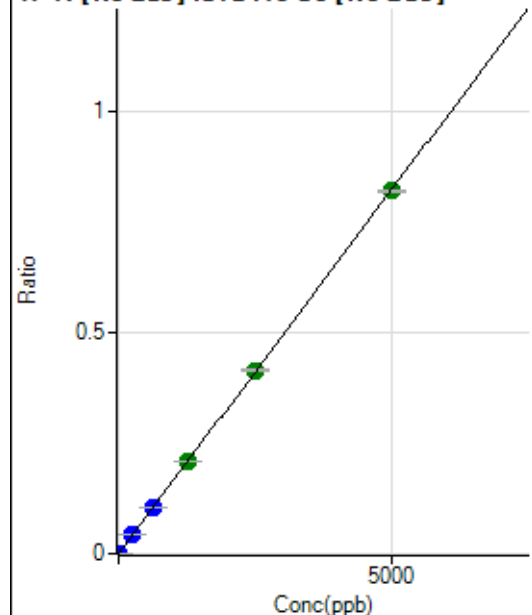
$$R = 0.9999$$

$$DL = 5.737$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.962	6007.12	0.0008	P	5.8
4	☐	250.000	252.016	297828.45	0.0414	P	0.4
5	☐	625.000	631.957	743009.15	0.1039	P	0.5
6	☐	1250.000	1271.954	1517605.73	0.2090	A	0.8
7	☐	2500.000	2514.766	3030884.81	0.4132	A	1.1
8	☐	5000.000	4986.158	6017827.13	0.8193	A	0.3
9	☐			2089.15	0.0003	P	5.0

$$y = 1.6431\text{E-}004 * x + 2.7998\text{E-}005$$

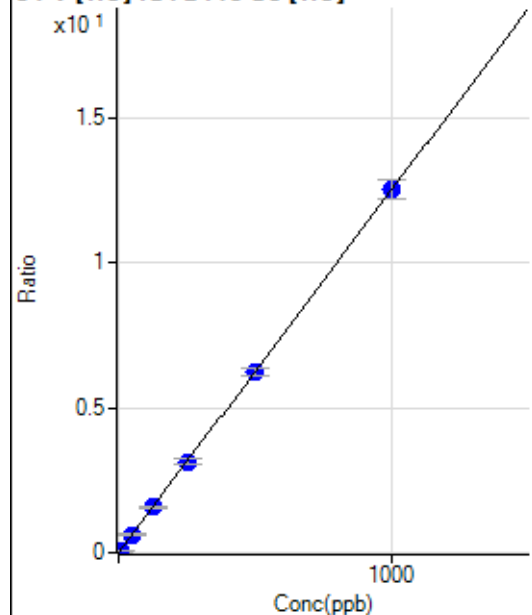
$$R = 1.0000$$

$$DL = 0.08138$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0003	P	0.2
2	☐	0.500					
3	☐	5.000	4.445	3301.57	0.0559	P	1.1
4	☐	50.000	49.903	36177.91	0.6248	P	2.6
5	☐	125.000	125.554	91654.02	1.5715	P	1.8
6	☐	250.000	251.203	182579.37	3.1439	P	4.7
7	☐	500.000	498.455	362449.18	6.2381	P	4.1
8	☐	1000.000	1000.410	726977.40	12.5197	P	5.3
9	☐			426.68	0.0070	P	9.3

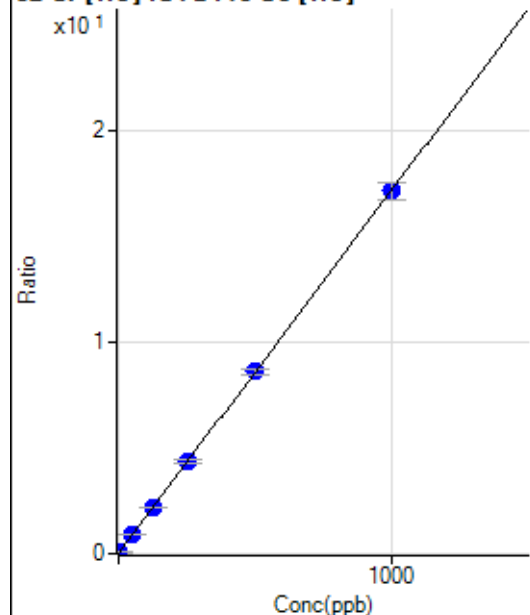
$$y = 0.0125 * x + 2.8235\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.0001574$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	815.59	0.0138	P	1.8
2	☐	0.200					
3	☐	2.000	2.005	2843.67	0.0482	P	0.4
4	☐	50.000	50.660	51039.34	0.8814	P	2.1
5	☐	125.000	126.390	127038.85	2.1783	P	2.4
6	☐	250.000	253.132	252540.47	4.3488	P	4.9
7	☐	500.000	500.424	498756.91	8.5838	P	4.0
8	☐	1000.000	998.798	994172.22	17.1187	P	4.8
9	☐			42663.87	0.6962	P	0.7

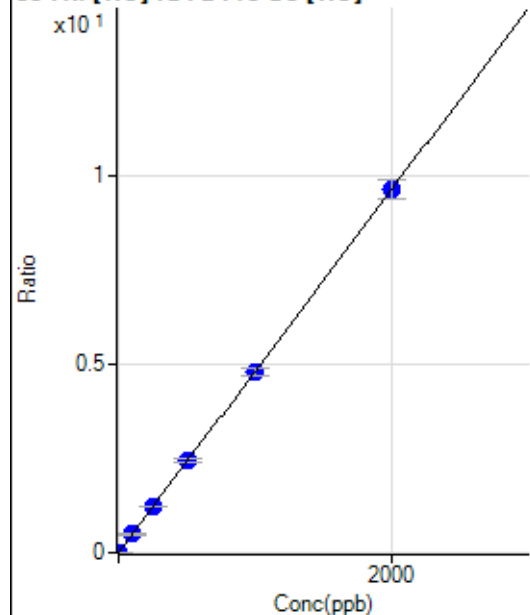
$$y = 0.0171 * x + 0.0138$$

$$R = 1.0000$$

$$DL = 0.04303$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.55	0.0004	P	42.0
2	☐	0.100					
3	☐	1.000	0.986	305.56	0.0052	P	9.1
4	☐	100.000	100.914	28128.59	0.4857	P	1.9
5	☐	250.000	254.237	71332.12	1.2231	P	2.3
6	☐	500.000	509.825	142385.84	2.4522	P	5.3
7	☐	1000.000	994.607	277939.95	4.7836	P	4.1
8	☐	2000.000	1999.665	558429.42	9.6170	P	5.3
9	☐			2536.95	0.0414	P	7.2

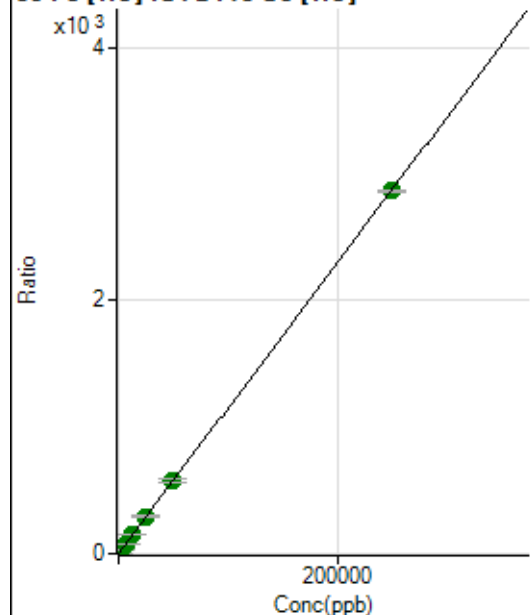
$$y = 0.0048 * x + 4.3291E-004$$

$$R = 1.0000$$

$$DL = 0.1133$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1902.05	0.0322	P	5.4
2	☐	5.000					
3	☐	50.000	47.944	34370.67	0.5820	P	0.8
4	☐	2500.000	2652.893	1763603.34	30.4538	A	1.7
5	☐	6250.000	6472.037	4330411.04	74.2491	A	1.7
6	☐	12500.000	12906.323	8597015.88	148.0330	A	4.7
7	☐	25000.000	25498.503	16991504.43	292.4314	A	4.0
8	☐	50000.000	50811.997	33834411.40	582.7090	A	5.4
9	☐	250000.00	249760.35	175516478.0	2,864.111	A	0.6

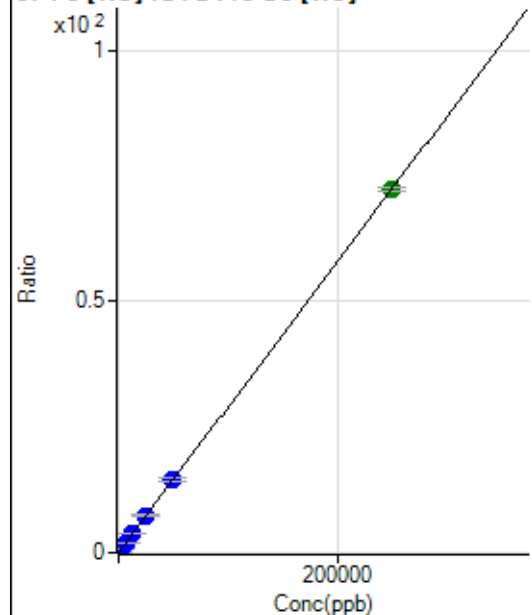
$$y = 0.0115 * x + 0.0322$$

$$R = 1.0000$$

$$DL = 0.4537$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.08	0.0013	P	24.0
2	☐	5.000					
3	☐	50.000	44.682	837.09	0.0142	P	11.4
4	☐	2500.000	2588.209	43414.38	0.7498	P	2.6
5	☐	6250.000	6435.184	108620.05	1.8623	P	1.5
6	☐	12500.000	12984.876	218169.32	3.7565	P	4.5
7	☐	25000.000	25338.717	425791.28	7.3292	P	4.6
8	☐	50000.000	50641.995	850500.36	14.6469	P	5.3
9	☐	250000.00	249807.97	4427334.47	72.2458	A	1.2

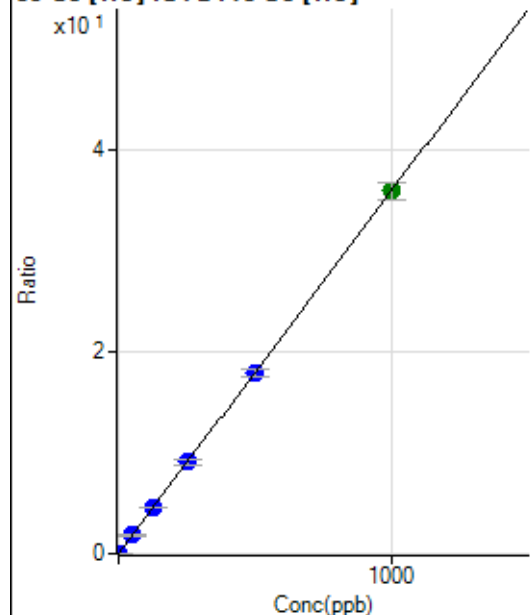
$$y = 2.8920E-004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 3.124$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0014	P	16.2
2	☐	0.100					
3	☐	1.000	0.959	2121.31	0.0359	P	1.6
4	☐	50.000	50.904	106212.20	1.8343	P	2.6
5	☐	125.000	126.186	265063.89	4.5449	P	1.9
6	☐	250.000	251.868	526691.05	9.0702	P	5.1
7	☐	500.000	499.562	1045088.45	17.9888	P	4.5
8	☐	1000.000	999.559	2090187.52	35.9918	A	4.9
9	☐			3571.64	0.0583	P	4.3

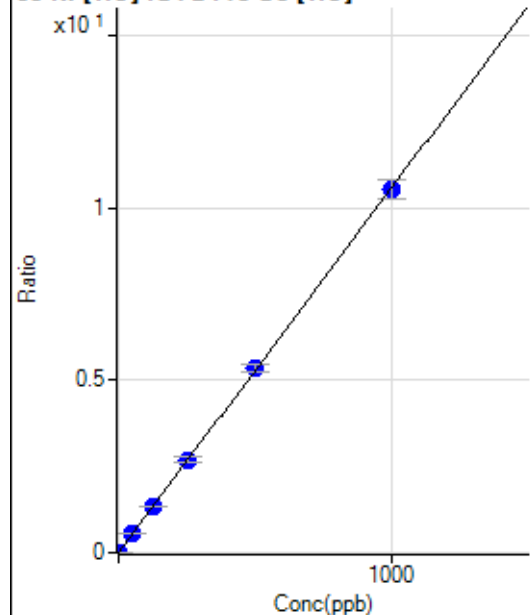
$$y = 0.0360 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.01876$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0013	P	16.9
2	☐	0.100					
3	☐	1.000	1.057	736.70	0.0125	P	11.7
4	☐	50.000	51.770	31831.01	0.5496	P	1.5
5	☐	125.000	127.621	78920.94	1.3531	P	1.0
6	☐	250.000	254.927	156856.70	2.7016	P	5.6
7	☐	500.000	507.130	312150.22	5.3730	P	4.5
8	☐	1000.000	994.787	611961.64	10.5384	P	5.1
9	☐			16155.13	0.2636	P	1.2

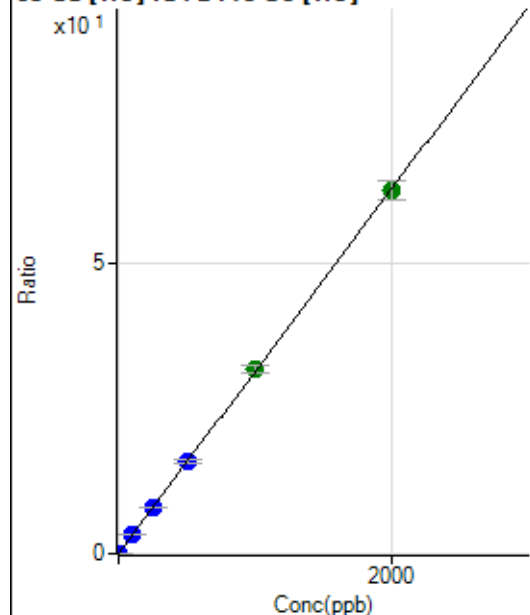
$$y = 0.0106 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.06145$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1173.41	0.0199	P	4.6
2	☐	0.200					
3	☐	2.000	1.893	4687.53	0.0794	P	4.4
4	☐	100.000	101.744	186314.74	3.2172	P	1.5
5	☐	250.000	252.718	464331.90	7.9616	P	2.0
6	☐	500.000	505.931	924515.79	15.9189	P	4.6
7	☐	1000.000	1016.172	1856660.61	31.9533	A	3.9
8	☐	2000.000	1990.005	3632617.65	62.5563	A	5.1
9	☐			6095.88	0.0995	P	2.5

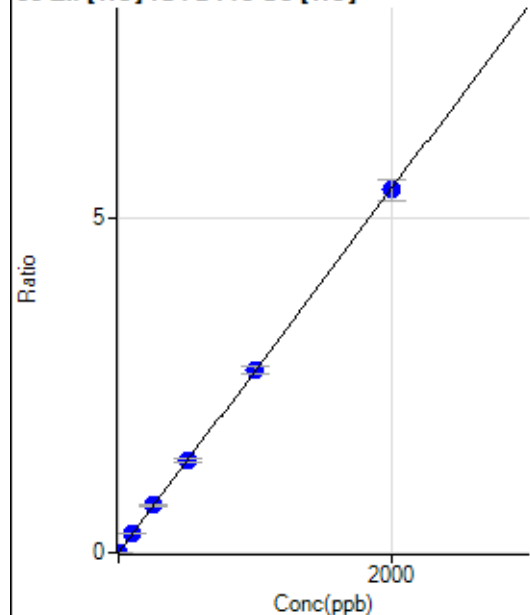
$$y = 0.0314 * x + 0.0199$$

$$R = 0.9999$$

$$DL = 0.08643$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.45	0.0004	P	28.5
2	☐	0.200					
3	☐	2.000	1.893	327.79	0.0055	P	11.0
4	☐	100.000	102.577	16134.05	0.2787	P	3.3
5	☐	250.000	259.192	41030.62	0.7035	P	1.1
6	☐	500.000	508.191	80083.86	1.3789	P	4.4
7	☐	1000.000	1006.650	158664.29	2.7309	P	4.4
8	☐	2000.000	1993.349	313964.42	5.4074	P	5.5
9	☐			1112.29	0.0181	P	6.0

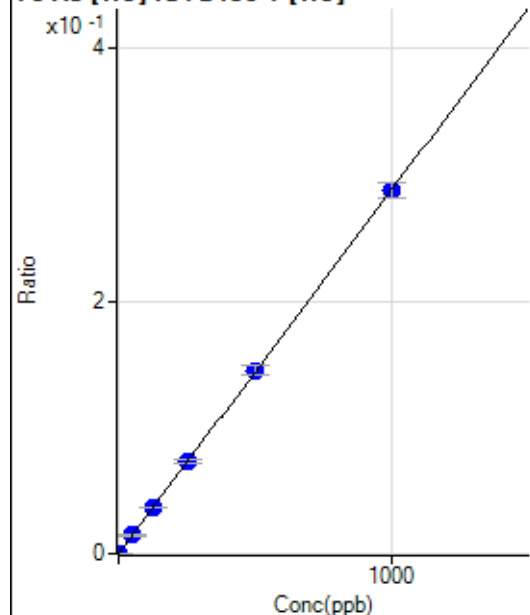
$$y = 0.0027 * x + 4.1419E-004$$

$$R = 1.0000$$

$$DL = 0.1307$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	1.014	116.67	0.0003	P	18.3
4	☐	50.000	50.557	5574.63	0.0146	P	3.0
5	☐	125.000	125.062	13971.34	0.0360	P	0.8
6	☐	250.000	253.945	27935.04	0.0731	P	4.5
7	☐	500.000	502.678	55590.80	0.1447	P	5.4
8	☐	1000.000	997.639	110912.23	0.2872	P	4.2
9	☐			72.84	0.0002	P	8.4

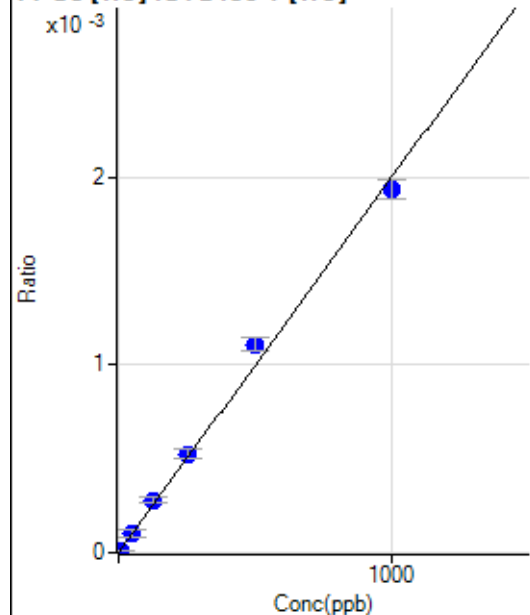
$$y = 2.8791\text{E-}004 * x + 9.6212\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.05009$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.301	3.33	0.0000	P	0.1
4	☐	50.000	50.813	38.89	0.0001	P	46.8
5	☐	125.000	140.342	108.89	0.0003	P	10.1
6	☐	250.000	263.131	201.12	0.0005	P	9.8
7	☐	500.000	555.022	426.68	0.0011	P	6.7
8	☐	1000.000	967.251	747.81	0.0019	P	5.2
9	☐			2.22	0.0000	P	86.6

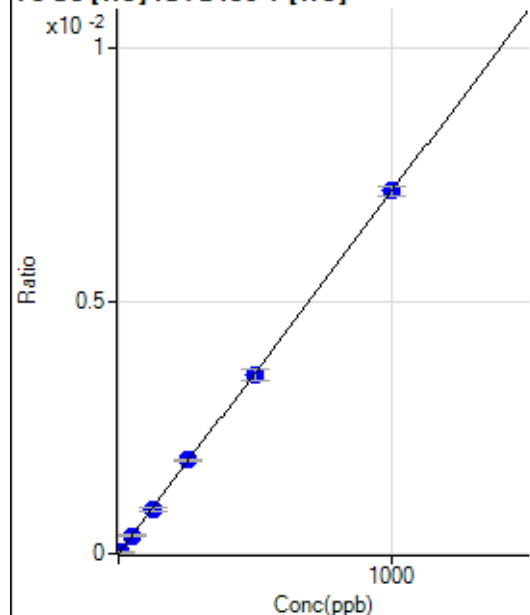
$$y = 2.0005\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9975$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	2.670	8.03	0.0000	P	26.6
4	☐	50.000	49.967	137.66	0.0004	P	4.7
5	☐	125.000	122.080	340.13	0.0009	P	7.4
6	☐	250.000	257.453	706.20	0.0018	P	3.8
7	☐	500.000	494.234	1361.19	0.0035	P	5.7
8	☐	1000.000	1001.398	2773.76	0.0072	P	2.4
9	☐			5.56	0.0000	P	57.6

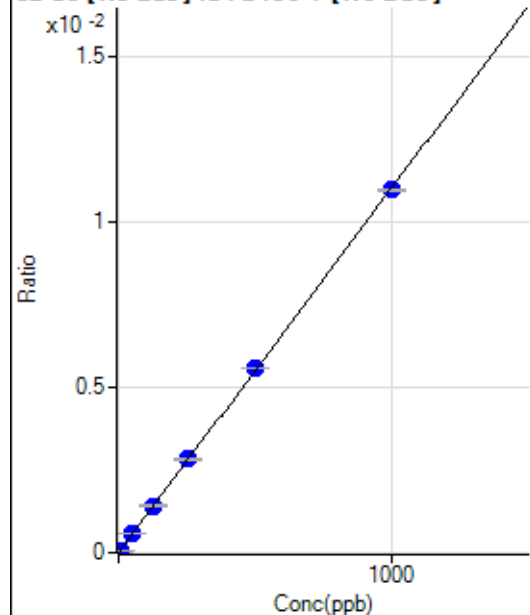
$$y = 7.1680\text{E-}006 * x + 1.6016\text{E-}006$$

$$R = 0.9999$$

$$DL = 1.161$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-67.50	0.0000	P	-98.
2	☐	0.500					
3	☐	5.000	5.047	580.28	0.0000	P	9.2
4	☐	50.000	52.837	6791.57	0.0006	P	1.5
5	☐	125.000	128.567	16669.15	0.0014	P	1.1
6	☐	250.000	256.302	33697.77	0.0028	P	1.3
7	☐	500.000	504.267	67716.68	0.0055	P	0.0
8	☐	1000.000	995.703	135087.44	0.0110	P	0.3
9	☐			102.71	0.0000	P	41.9

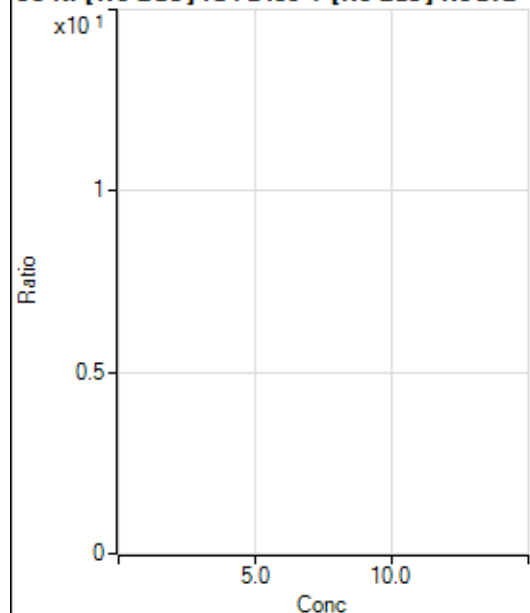
$$y = 1.1007\text{E-}005 * x - 5.7242\text{E-}006$$

$$R = 1.0000$$

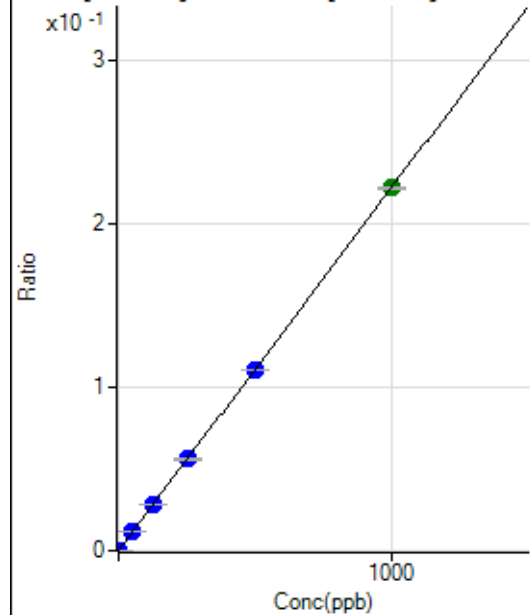
$$DL = 1.532$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			500.02	0.0000	P	8.8
2	☐						
3	☐			488.91	0.0000	P	4.5
4	☐			462.24	0.0000	P	4.8
5	☐			474.47	0.0000	P	0.9
6	☐			506.69	0.0000	P	10.4
7	☐			490.02	0.0000	P	5.9
8	☐			473.35	0.0000	P	4.4
9	☐			524.47	0.0000	P	3.9

86 Sr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	725.05	0.0001	P	15.5
2	☐	0.100					
3	☐	1.000	0.949	3178.29	0.0003	P	4.1
4	☐	50.000	50.990	134422.54	0.0114	P	0.5
5	☐	125.000	128.648	338981.85	0.0287	P	0.3
6	☐	250.000	251.952	671153.87	0.0561	P	1.0
7	☐	500.000	499.017	1355577.16	0.1110	P	0.5
8	☐	1000.000	999.498	2741017.18	0.2223	A	0.3
9	☐			92417.59	0.0077	P	1.2

$$y = 2.2231\text{E-}004 * x + 6.1871\text{E-}005$$

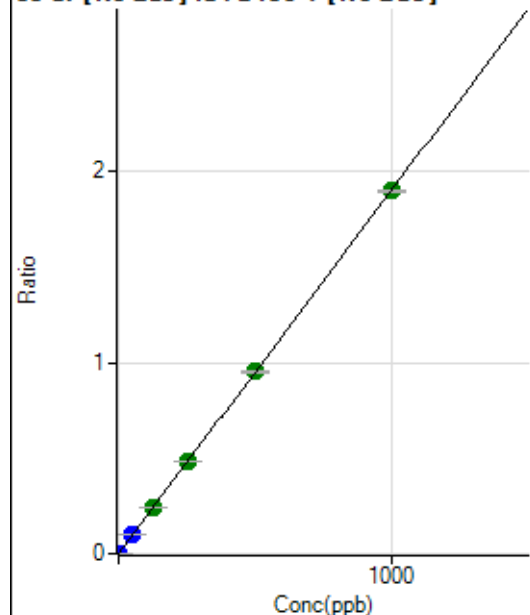
$$R = 1.0000$$

$$DL = 0.1294$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.90	0.0000	P	16.3
2	☐	0.100					
3	☐	1.000	0.996	22138.12	0.0019	P	1.7
4	☐	50.000	51.273	1148753.95	0.0974	P	0.4
5	☐	125.000	128.748	2892396.63	0.2446	A	0.1
6	☐	250.000	253.907	5772692.01	0.4823	A	1.0
7	☐	500.000	500.153	11602333.51	0.9500	A	0.3
8	☐	1000.000	998.415	23387559.55	1.8964	A	0.3
9	☐			796981.90	0.0663	P	0.7

$$y = 0.0019 * x + 9.7359E-006$$

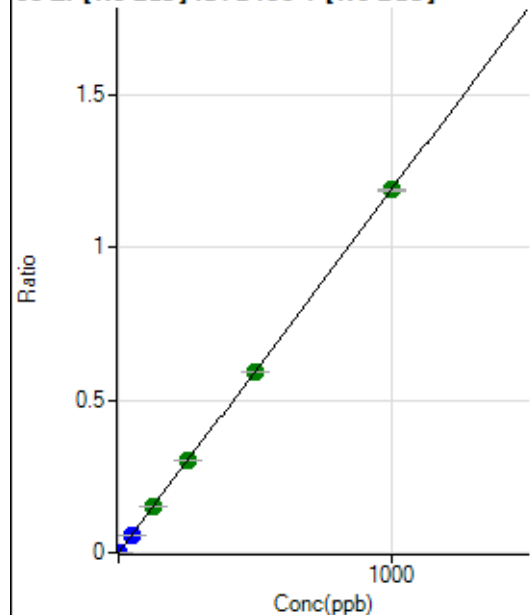
$$R = 1.0000$$

$$DL = 0.002514$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	683.38	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.931	13551.79	0.0012	P	1.0
4	☐	50.000	49.561	694744.78	0.0589	P	0.6
5	☐	125.000	127.640	1793145.53	0.1516	A	0.3
6	☐	250.000	253.826	3608128.81	0.3014	A	1.0
7	☐	500.000	498.034	7222562.14	0.5914	A	0.7
8	☐	1000.000	999.719	14639760.40	1.1871	A	0.3
9	☐			5037.26	0.0004	P	4.4

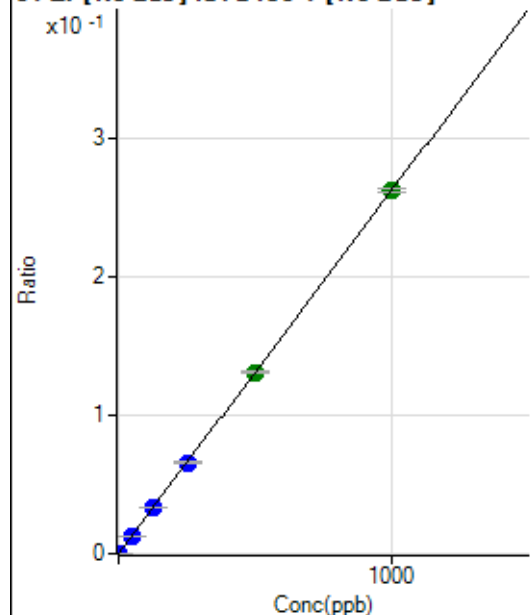
$$y = 0.0012 * x + 5.8329E-005$$

$$R = 1.0000$$

$$DL = 0.01336$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	38.7
2	☐	0.100					
3	☐	1.000	0.913	2942.12	0.0003	P	7.5
4	☐	50.000	49.281	152345.08	0.0129	P	0.6
5	☐	125.000	126.321	391341.04	0.0331	P	0.2
6	☐	250.000	251.079	787031.31	0.0658	P	1.1
7	☐	500.000	500.475	1600439.07	0.1311	A	1.4
8	☐	1000.000	999.364	3227147.81	0.2617	A	1.1
9	☐			1036.21	0.0001	P	0.8

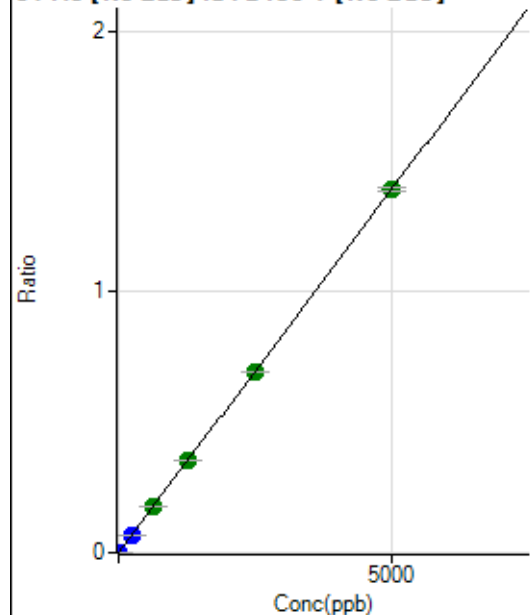
$$y = 2.6183\text{E-}004 * x + 1.3550\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.06011$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.35	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.606	15214.68	0.0013	P	3.4
4	☐	250.000	249.951	820910.20	0.0696	P	0.4
5	☐	625.000	642.524	2115671.25	0.1789	A	0.5
6	☐	1250.000	1270.285	4232778.22	0.3536	A	1.0
7	☐	2500.000	2493.045	8475682.40	0.6940	A	0.7
8	☐	5000.000	4996.219	17152112.71	1.3908	A	1.0
9	☐			23496.23	0.0020	P	3.8

$$y = 2.7837\text{E-}004 * x + 2.4206\text{E-}005$$

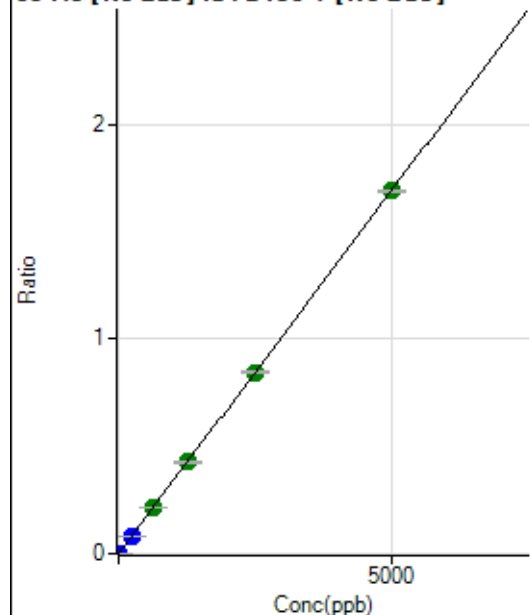
$$R = 1.0000$$

$$DL = 0.04159$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	16.3
2	☐	0.500					
3	☐	5.000	4.692	18541.24	0.0016	P	2.0
4	☐	250.000	250.594	999614.15	0.0848	P	0.3
5	☐	625.000	642.384	2569504.81	0.2173	A	0.5
6	☐	1250.000	1264.732	5119503.07	0.4277	A	1.7
7	☐	2500.000	2494.637	10303206.57	0.8437	A	1.1
8	☐	5000.000	4996.796	20840286.06	1.6899	A	0.7
9	☐			38307.96	0.0032	P	3.9

$$y = 3.3820\text{E-}004 * x + 5.2218\text{E-}006$$

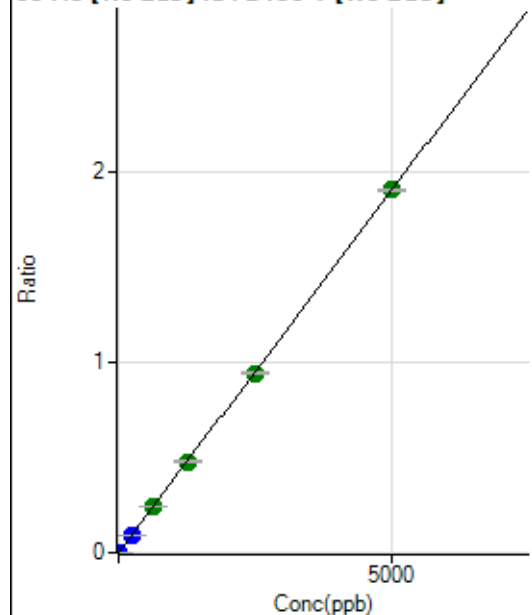
$$R = 1.0000$$

$$DL = 0.007563$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.24	0.0000	P	42.9
2	☐	0.500					
3	☐	5.000	4.713	21106.11	0.0018	P	3.7
4	☐	250.000	249.419	1120714.81	0.0950	P	0.7
5	☐	625.000	633.813	2855533.24	0.2414	A	1.3
6	☐	1250.000	1260.237	5745983.25	0.4801	A	0.6
7	☐	2500.000	2474.718	11511702.08	0.9427	A	1.4
8	☐	5000.000	5009.009	23529956.78	1.9080	A	0.3
9	☐			43253.27	0.0036	P	4.4

$$y = 3.8091\text{E-}004 * x + 1.6893\text{E-}005$$

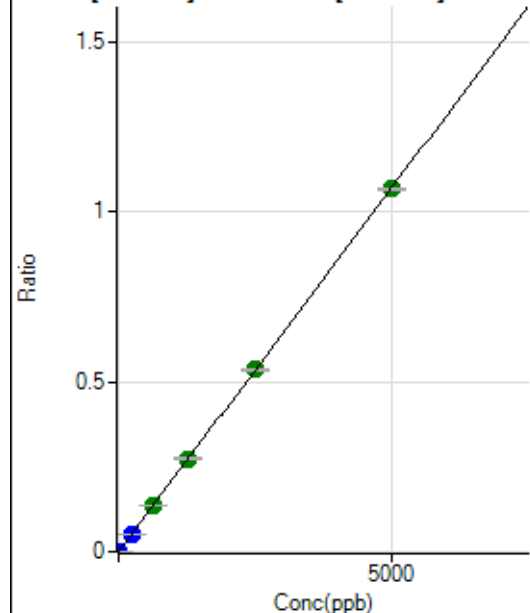
$$R = 1.0000$$

$$DL = 0.05707$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.705	11786.17	0.0010	P	1.5
4	☐	250.000	249.042	627985.59	0.0532	P	1.0
5	☐	625.000	637.410	1611637.89	0.1363	A	1.3
6	☐	1250.000	1282.180	3280877.96	0.2741	A	0.8
7	☐	2500.000	2502.040	6532121.11	0.5349	A	1.0
8	☐	5000.000	4989.432	13154007.33	1.0666	A	0.4
9	☐			23874.79	0.0020	P	3.1

$$y = 2.1378\text{E-}004 * x + 6.1648\text{E-}006$$

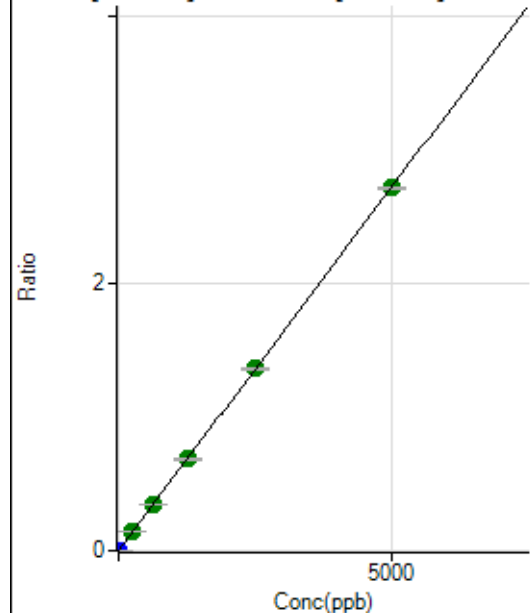
$$R = 1.0000$$

$$DL = 0.01112$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	47.6
2	☐	0.500					
3	☐	5.000	4.729	30064.89	0.0026	P	0.3
4	☐	250.000	253.364	1626358.37	0.1379	A	1.1
5	☐	625.000	637.265	4101861.98	0.3468	A	0.5
6	☐	1250.000	1259.931	8207336.90	0.6857	A	0.7
7	☐	2500.000	2507.283	16664094.30	1.3645	A	0.8
8	☐	5000.000	4992.175	33505535.12	2.7169	A	0.3
9	☐			60184.96	0.0050	P	5.2

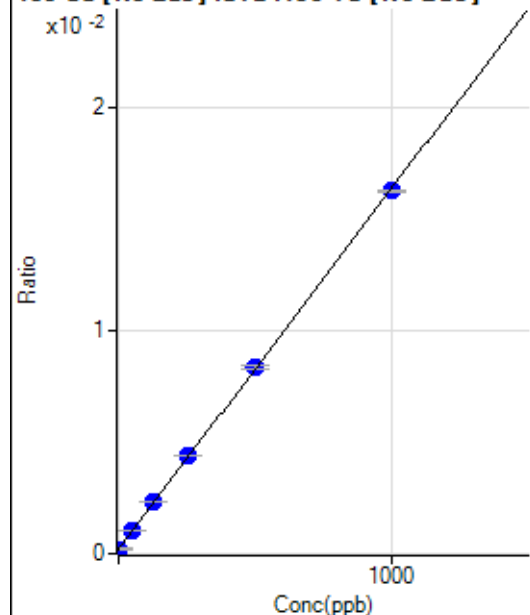
$$y = 5.4422\text{E-}004 * x + 7.8429\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02058$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2580.92	0.0002	P	8.9
2	☐	0.100					
3	☐	1.000	0.425	2717.06	0.0002	P	3.8
4	☐	50.000	50.649	13015.19	0.0010	P	0.7
5	☐	125.000	130.437	29547.34	0.0023	P	0.8
6	☐	250.000	259.633	56993.61	0.0044	P	1.2
7	☐	500.000	505.551	111443.98	0.0084	P	1.7
8	☐	1000.000	994.105	220609.30	0.0162	P	0.5
9	☐			2728.18	0.0002	P	6.8

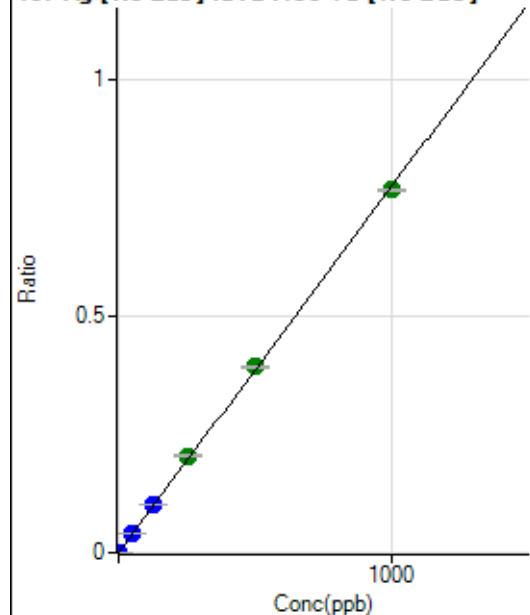
$$y = 1.6130\text{E-}005 * x + 2.0772\text{E-}004$$

$$R = 0.9999$$

$$DL = 3.451$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.986	9740.06	0.0008	P	4.7
4	☐	50.000	52.304	513131.15	0.0404	P	0.2
5	☐	125.000	130.975	1292883.63	0.1011	P	1.0
6	☐	250.000	263.873	2642267.59	0.2038	A	1.5
7	☐	500.000	508.732	5235895.73	0.3929	A	1.2
8	☐	1000.000	991.304	10397541.29	0.7655	A	0.5
9	☐			1088.99	0.0001	P	12.5

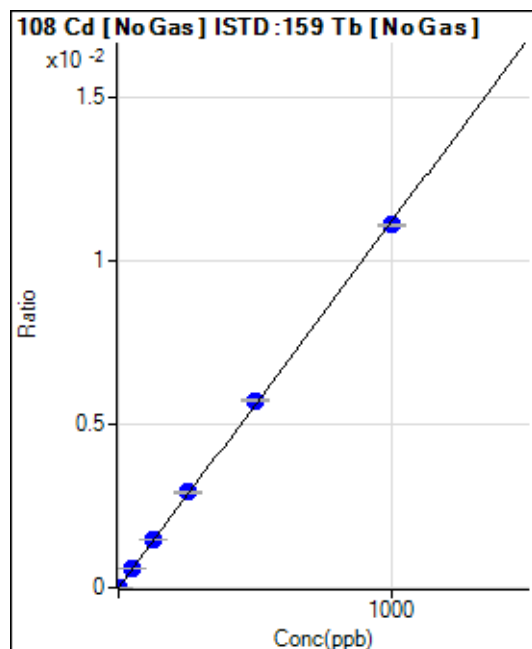
$$y = 7.7221\text{E-}004 * x + 7.5992\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003057$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	47.1
2	☐	0.100					
3	☐	1.000	0.950	148.62	0.0000	P	17.1
4	☐	50.000	52.108	7411.91	0.0006	P	1.7
5	☐	125.000	130.696	18685.46	0.0015	P	1.4
6	☐	250.000	260.761	37803.36	0.0029	P	1.1
7	☐	500.000	510.355	76036.75	0.0057	P	1.0
8	☐	1000.000	991.315	150501.04	0.0111	P	0.3
9	☐			58.33	0.0000	P	19.1

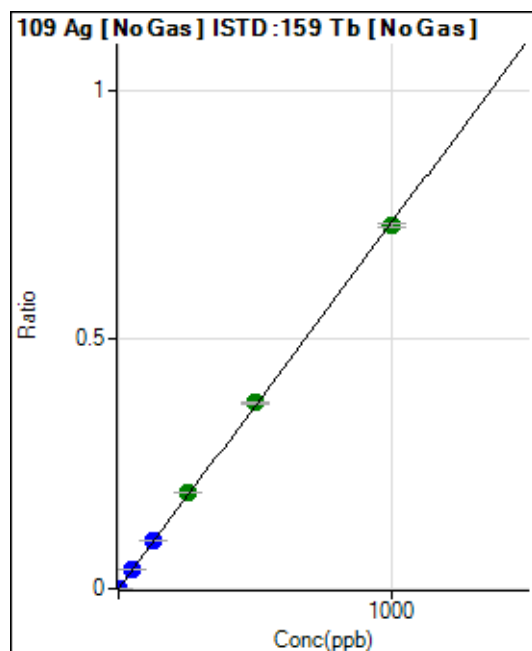
$$y = 1.1176\text{E-}005 * x + 1.1216\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.1417$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.12	0.0000	P	42.0
2	☐	0.100					
3	☐	1.000	1.005	9389.77	0.0007	P	4.2
4	☐	50.000	52.002	484474.64	0.0381	P	0.2
5	☐	125.000	130.285	1221357.47	0.0956	P	0.8
6	☐	250.000	262.548	2496695.33	0.1925	A	0.9
7	☐	500.000	509.311	4978310.61	0.3735	A	1.1
8	☐	1000.000	991.447	9875641.28	0.7271	A	0.9
9	☐			1061.20	0.0001	P	9.5

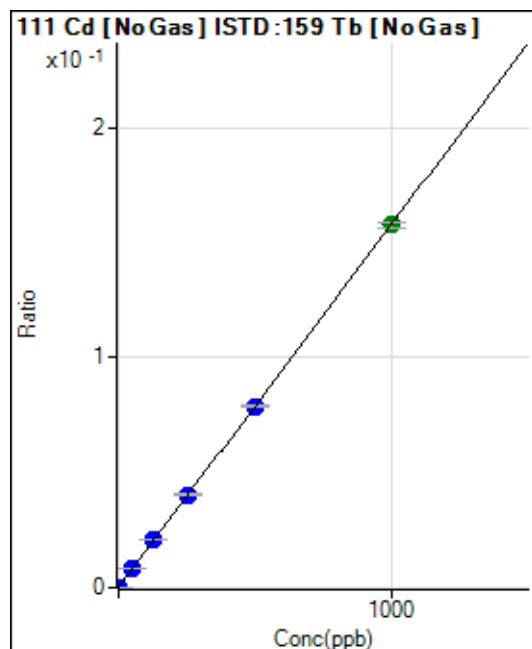
$$y = 7.3337\text{E-}004 * x + 4.9276\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.008476$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1802.48	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	0.902	3639.74	0.0003	P	2.9
4	☐	50.000	51.834	105790.26	0.0083	P	1.7
5	☐	125.000	129.583	263376.96	0.0206	P	0.1
6	☐	250.000	255.897	525767.34	0.0405	P	0.3
7	☐	500.000	498.875	1051687.63	0.0789	P	1.4
8	☐	1000.000	998.424	2143022.20	0.1578	A	1.5
9	☐			2271.69	0.0002	P	9.8

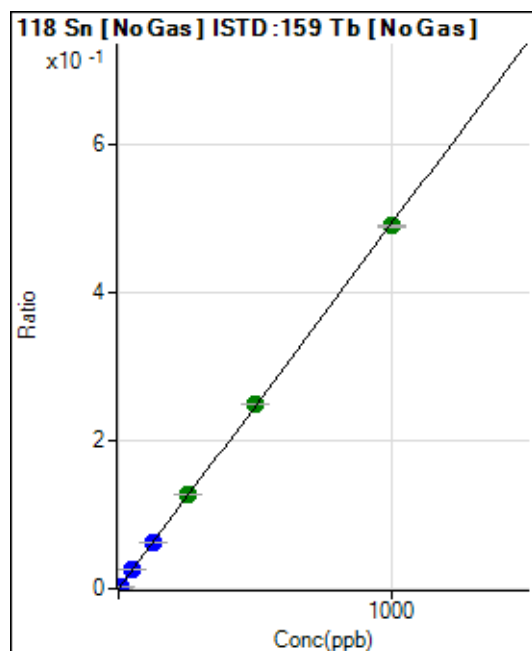
$$y = 1.5789\text{E-}004 * x + 1.4506\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2347$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.82	0.0000	P	11.4
2	☐	0.500					
3	☐	5.000	4.821	30722.44	0.0024	P	0.4
4	☐	50.000	50.897	319751.05	0.0252	P	1.3
5	☐	125.000	127.659	806158.93	0.0631	P	0.5
6	☐	250.000	258.759	1656978.19	0.1278	A	1.0
7	☐	500.000	506.930	3336157.08	0.2503	A	0.5
8	☐	1000.000	993.969	6665597.72	0.4907	A	0.3
9	☐			12865.08	0.0010	P	7.5

$$y = 4.9368\text{E-}004 * x + 4.6526\text{E-}005$$

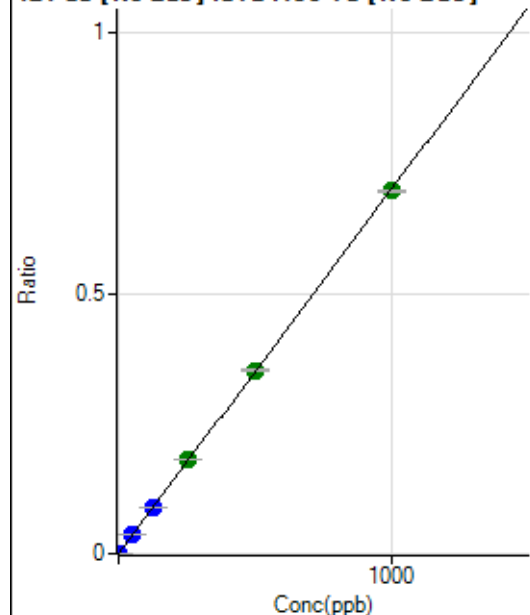
$$R = 0.9999$$

$$DL = 0.03222$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	250.01	0.0000	P	50.4
2	☐	0.200					
3	☐	2.000	1.919	17275.73	0.0014	P	2.1
4	☐	50.000	50.549	449930.57	0.0354	P	0.4
5	☐	125.000	128.112	1147103.39	0.0897	P	1.0
6	☐	250.000	259.239	2354433.69	0.1816	A	0.5
7	☐	500.000	503.298	4698235.09	0.3525	A	0.7
8	☐	1000.000	995.625	9471030.85	0.6973	A	0.7
9	☐			34189.40	0.0027	P	6.6

$$y = 7.0035\text{E-}004 * x + 2.0191\text{E-}005$$

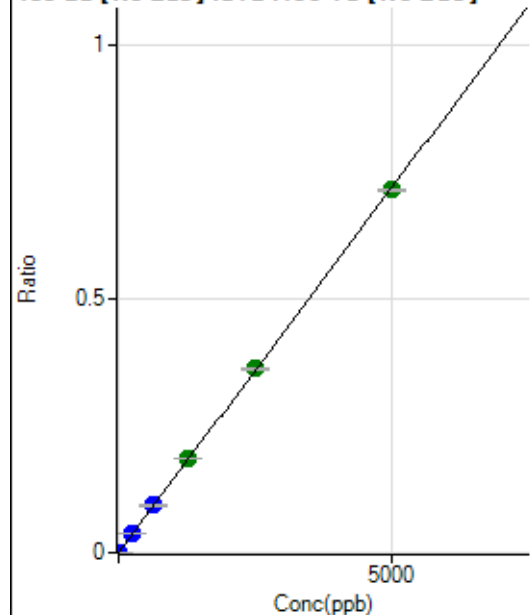
$$R = 0.9999$$

$$DL = 0.0436$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	48.9
2	☐	1.000					
3	☐	10.000	9.490	17286.94	0.0014	P	1.2
4	☐	250.000	256.090	467079.48	0.0368	P	0.9
5	☐	625.000	646.202	1185997.39	0.0928	P	0.8
6	☐	1250.000	1295.769	2412457.52	0.1861	A	0.3
7	☐	2500.000	2520.382	4823322.85	0.3619	A	0.5
8	☐	5000.000	4975.413	9703086.67	0.7144	A	0.7
9	☐			2956.03	0.0002	P	3.2

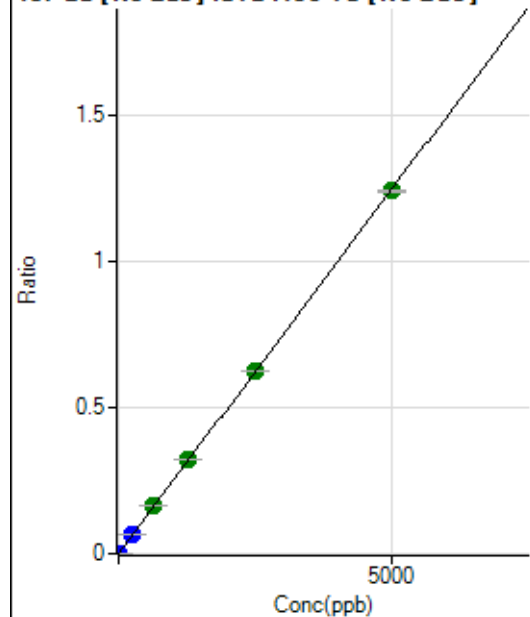
$$y = 1.4358\text{E-}004 * x + 2.6701\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0273$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	38.1
2	☐	1.000					
3	☐	10.000	9.447	29845.86	0.0024	P	3.3
4	☐	250.000	254.708	806103.59	0.0635	P	0.8
5	☐	625.000	652.443	2077852.52	0.1626	A	0.5
6	☐	1250.000	1290.430	4168893.93	0.3215	A	0.3
7	☐	2500.000	2507.723	8327252.44	0.6248	A	0.9
8	☐	5000.000	4982.366	16860520.17	1.2413	A	0.5
9	☐			5101.26	0.0004	P	1.5

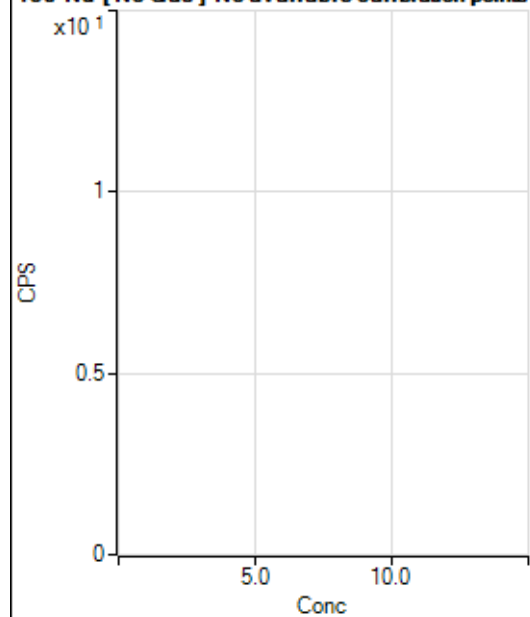
$$y = 2.4915E-004 * x + 3.5640E-006$$

$$R = 1.0000$$

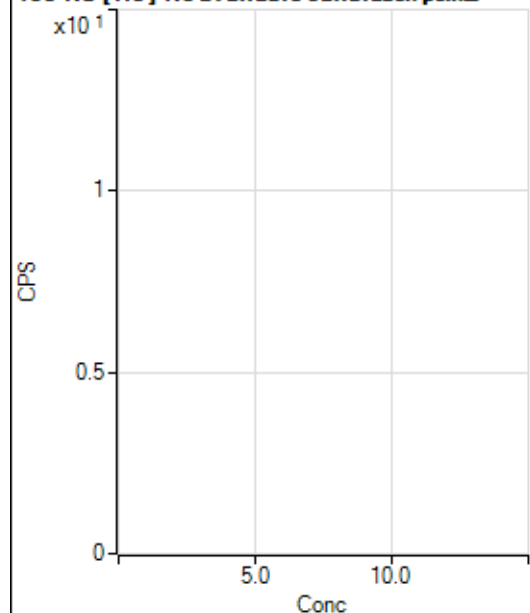
$$DL = 0.01634$$

Weight: <None>

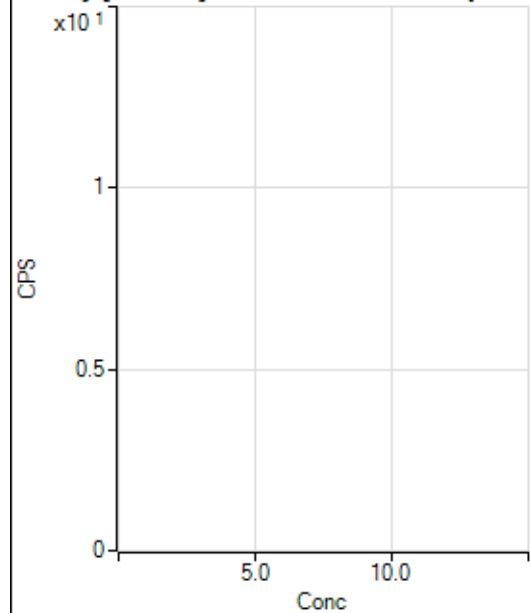
Min Conc: 0

150 Nd [No Gas] No available calibration points

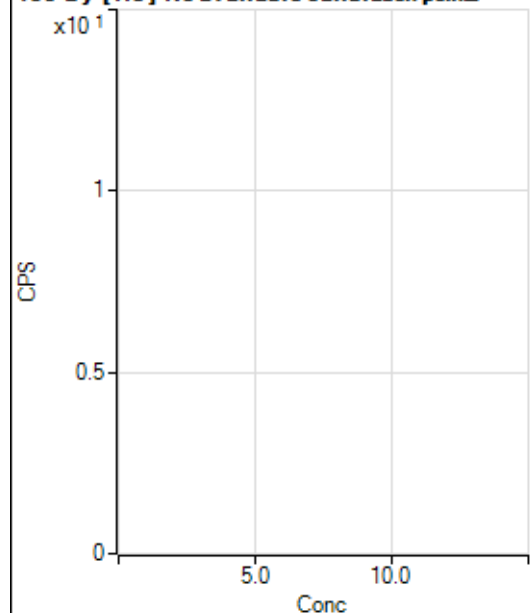
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			6.67		P	100.
4	☐			17.78		P	43.3
5	☐			37.78		P	27.0
6	☐			71.11		P	39.0
7	☐			164.45		P	4.7
8	☐			353.35		P	18.2
9	☐			84.45		P	22.8

150 Nd [He] No available calibration points

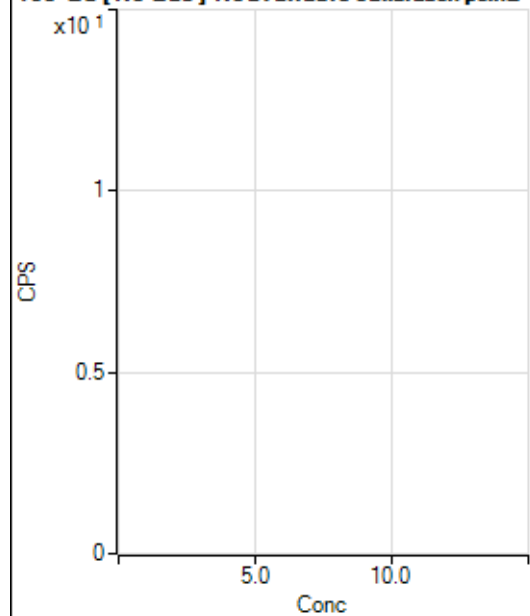
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	173.
5	☐			1.11		P	173.
6	☐			2.22		P	86.6
7	☐			5.55		P	124.
8	☐			20.00		P	33.4
9	☐			16.67		P	34.6

156 Dy [No Gas] No available calibration points

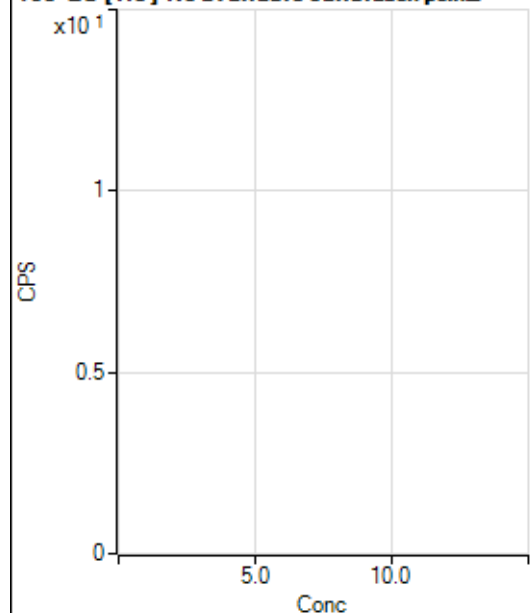
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			16.67		P	50.0
4	☐			30.56		P	95.8
5	☐			33.33		P	25.0
6	☐			30.56		P	31.5
7	☐			50.00		P	16.7
8	☐			111.12		P	28.4
9	☐			69.45		P	48.5

156 Dy [He] No available calibration points

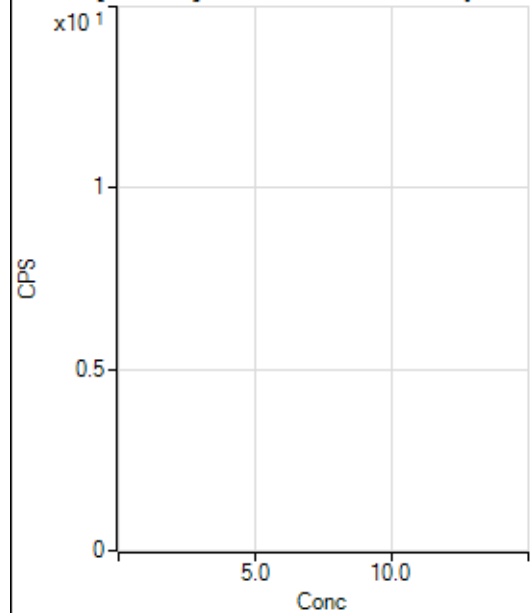
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			0.00		P	
7	☐			12.22		P	41.7
8	☐			6.67		P	100.
9	☐			14.44		P	58.1

160 Gd [No Gas] Noavailable calibration poin_

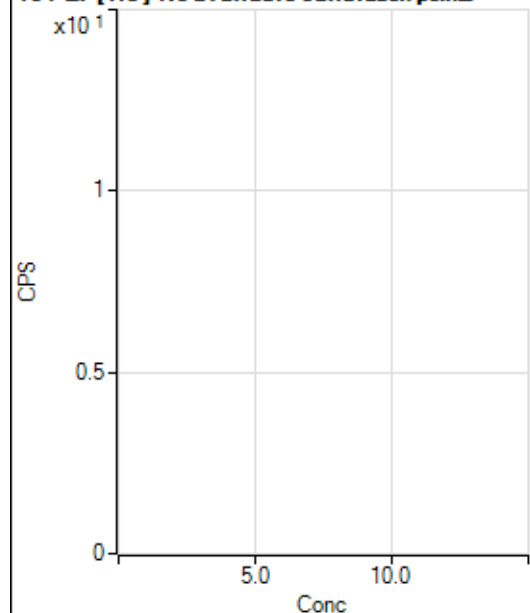
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	26.0
2	☐						
3	☐			122.23		P	30.7
4	☐			63.89		P	54.3
5	☐			77.78		P	22.3
6	☐			116.67		P	18.9
7	☐			91.67		P	31.5
8	☐			147.23		P	14.2
9	☐			150.01		P	9.6

160 Gd [He] No available calibration points

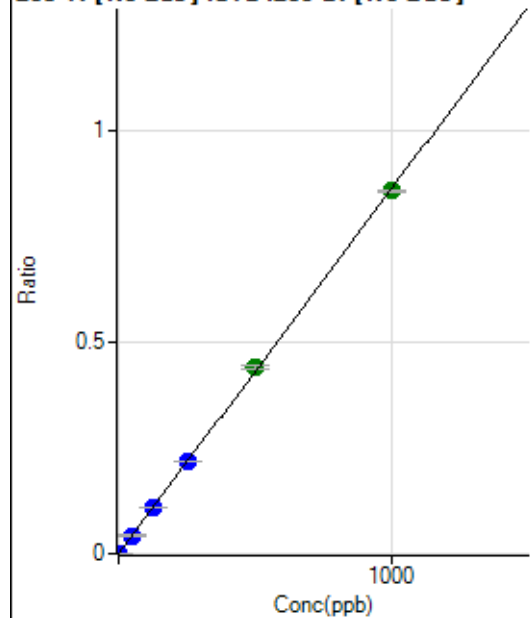
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	17.3
2	☐						
3	☐			12.22		P	41.7
4	☐			17.78		P	54.1
5	☐			16.67		P	20.0
6	☐			7.78		P	65.5
7	☐			12.22		P	41.7
8	☐			22.22		P	37.8
9	☐			34.45		P	11.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	88.8
2	☐						
3	☐			66.67		P	25.0
4	☐			66.67		P	43.3
5	☐			61.11		P	43.8
6	☐			52.78		P	18.2
7	☐			61.11		P	47.9
8	☐			66.67		P	21.6
9	☐			63.89		P	7.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			8.89		P	94.4
4	☐			12.22		P	31.5
5	☐			7.78		P	24.7
6	☐			7.78		P	65.5
7	☐			14.45		P	26.7
8	☐			12.22		P	78.7
9	☐			5.55		P	69.3

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.953	6001.68	0.0008	P	5.1
4	☐	50.000	50.052	310487.63	0.0431	P	1.1
5	☐	125.000	126.058	787924.90	0.1086	P	0.9
6	☐	250.000	251.472	1600401.55	0.2166	P	0.5
7	☐	500.000	509.879	3271049.53	0.4391	A	1.7
8	☐	1000.000	994.558	6523971.72	0.8565	A	0.9
9	☐			3006.07	0.0004	P	3.9

$$y = 8.6121E-004 * x + 1.0608E-005$$

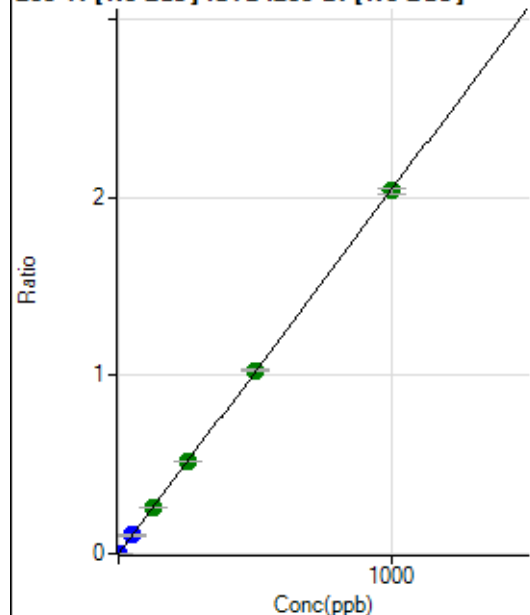
$$R = 0.9999$$

$$DL = 0.008358$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0000	P	5.0
2	☐	0.100					
3	☐	1.000	0.940	14061.20	0.0019	P	1.0
4	☐	50.000	50.264	740089.88	0.1028	P	0.8
5	☐	125.000	128.024	1899355.79	0.2617	A	0.8
6	☐	250.000	254.441	3843555.60	0.5201	A	0.5
7	☐	500.000	503.317	7664742.10	1.0289	A	0.7
8	☐	1000.000	996.840	15519733.86	2.0377	A	1.6
9	☐			7302.51	0.0011	P	6.9

$$y = 0.0020 * x + 2.5918E-005$$

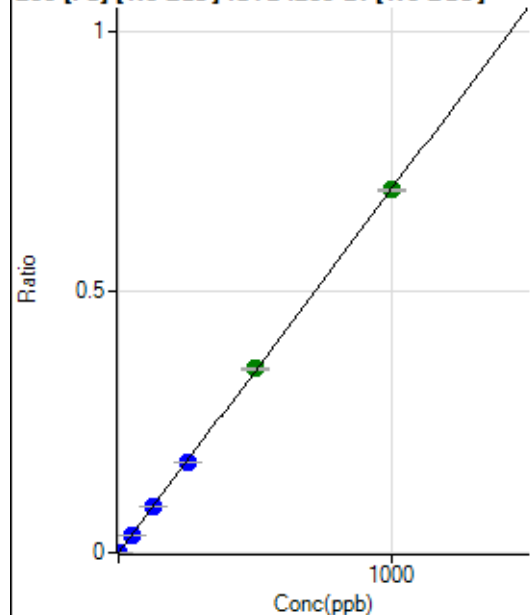
$$R = 1.0000$$

$$DL = 0.001887$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	131.49	0.0000	P	34.5
2	☐	0.100					
3	☐	1.000	0.957	4952.98	0.0007	P	3.1
4	☐	50.000	49.825	250130.75	0.0347	P	0.3
5	☐	125.000	124.775	631073.33	0.0870	P	0.3
6	☐	250.000	247.694	1275398.38	0.1726	P	0.8
7	☐	500.000	505.360	2623431.14	0.3521	A	1.1
8	☐	1000.000	997.933	5296298.50	0.6953	A	0.4
9	☐			9490.85	0.0014	P	1.9

$$y = 6.9675E-004 * x + 1.8596E-005$$

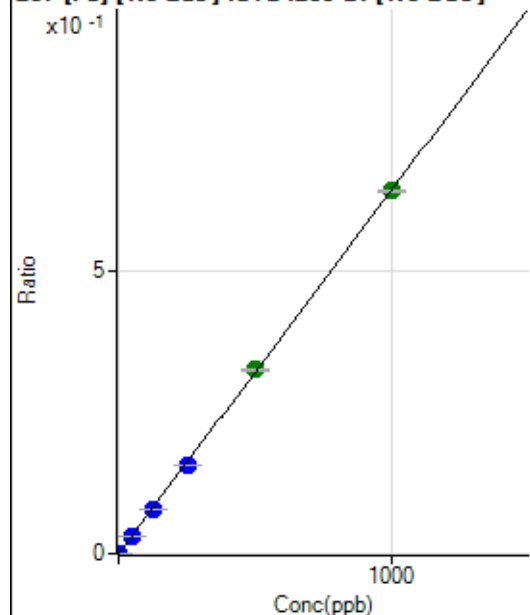
$$R = 1.0000$$

$$DL = 0.02759$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.934	4449.06	0.0006	P	4.7
4	☐	50.000	48.571	224461.23	0.0312	P	0.4
5	☐	125.000	122.523	570433.79	0.0786	P	1.3
6	☐	250.000	245.355	1163040.28	0.1574	P	0.5
7	☐	500.000	505.994	2417995.77	0.3246	A	0.7
8	☐	1000.000	998.545	4878497.33	0.6405	A	0.5
9	☐			8036.11	0.0012	P	3.2

$$y = 6.4139\text{E-}004 * x + 1.6490\text{E-}005$$

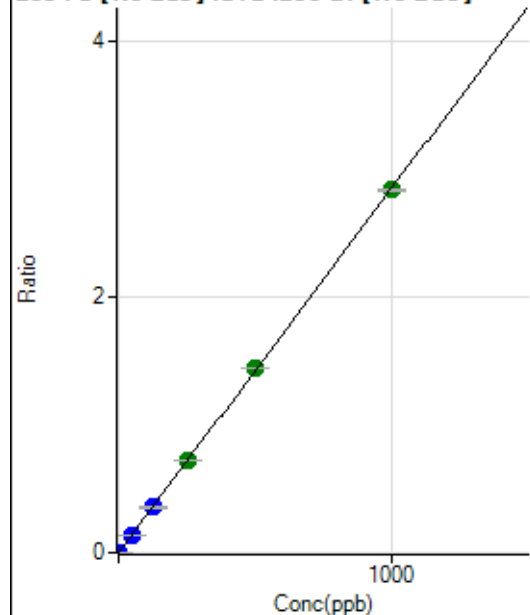
$$R = 1.0000$$

$$DL = 0.007355$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	529.65	0.0001	P	19.1
2	☐	0.100					
3	☐	1.000	0.949	20049.45	0.0028	P	1.3
4	☐	50.000	49.520	1015462.94	0.1410	P	0.4
5	☐	125.000	124.344	2568809.55	0.3540	P	0.7
6	☐	250.000	251.517	5290239.47	0.7159	A	0.3
7	☐	500.000	507.302	10757069.75	1.4439	A	0.4
8	☐	1000.000	996.076	21592958.93	2.8349	A	0.8
9	☐			37404.07	0.0055	P	2.0

$$y = 0.0028 * x + 7.4888\text{E-}005$$

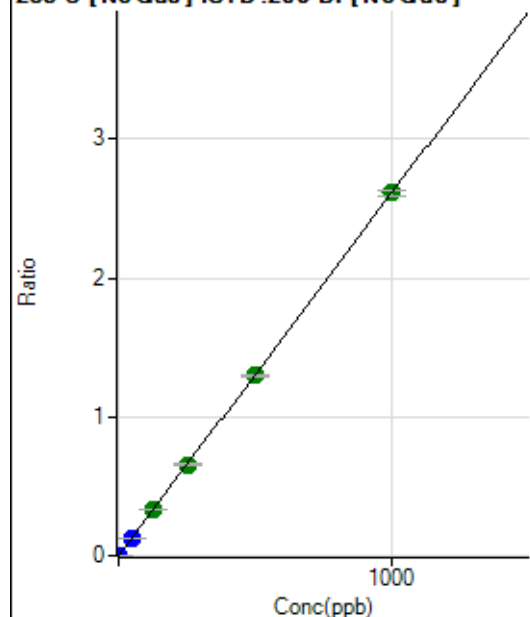
$$R = 1.0000$$

$$DL = 0.01505$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	0.902	17026.25	0.0024	P	2.5
4	☐	50.000	49.047	922048.04	0.1280	P	0.7
5	☐	125.000	127.126	2408452.18	0.3319	A	0.5
6	☐	250.000	250.961	4841029.32	0.6551	A	1.0
7	☐	500.000	496.805	9662218.62	1.2969	A	0.5
8	☐	1000.000	1001.139	19905576.31	2.6135	A	1.5
9	☐			2236.43	0.0003	P	8.3

$$y = 0.0026 * x + 2.7464E-006$$

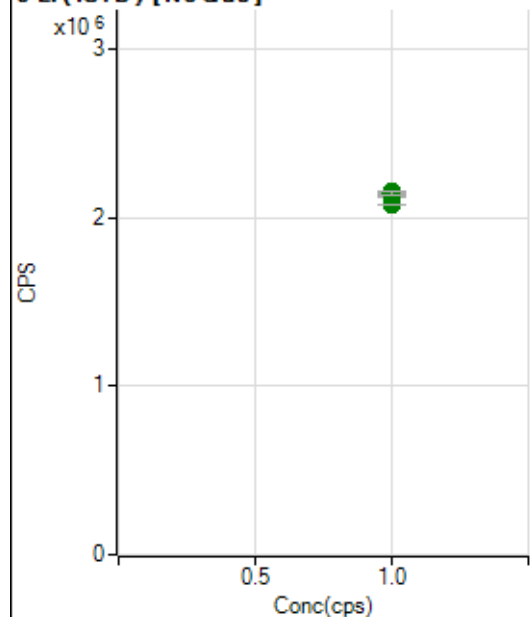
$$R = 1.0000$$

$$DL = 0.0007633$$

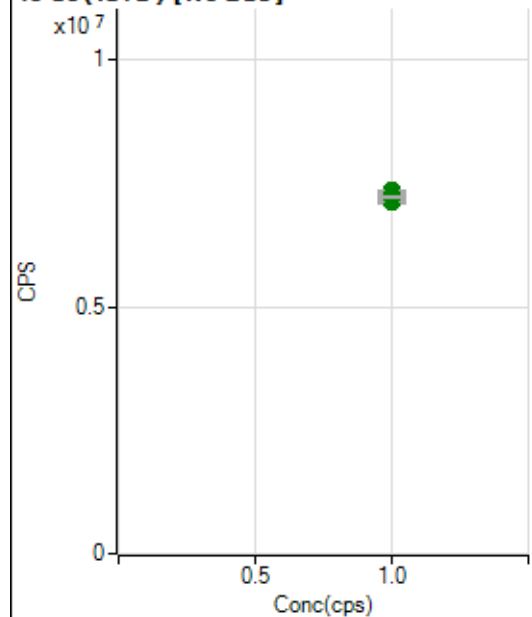
Weight: <None>

Min Conc: 0

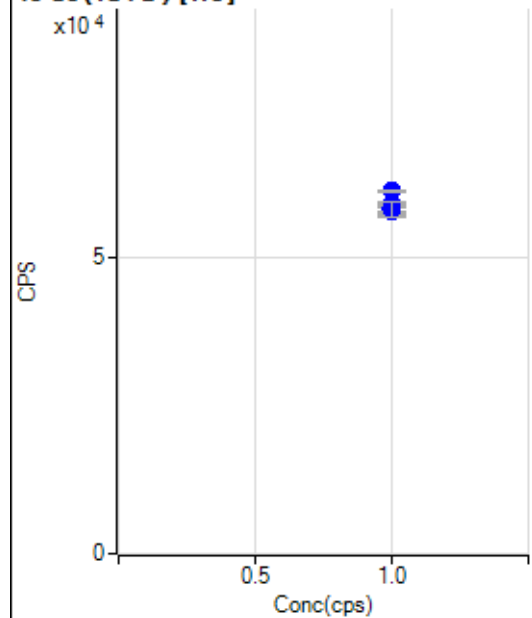
6 Li (ISTD) [No Gas]



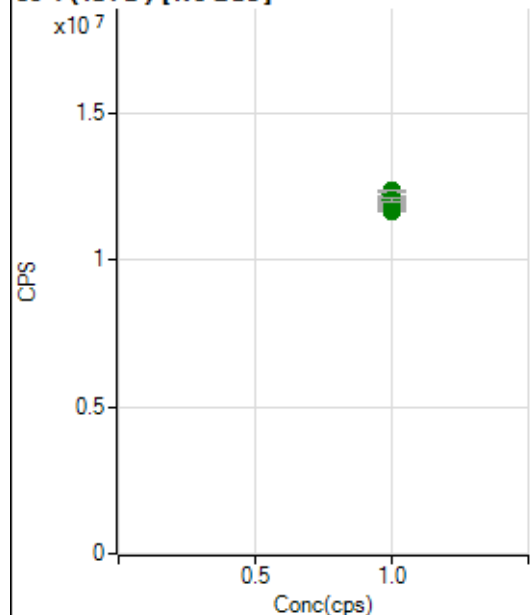
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2145622.69		A	1.0
2	☐	1.000					
3	☐	1.000		2143907.24		A	1.4
4	☐	1.000		2146339.24		A	0.4
5	☐	1.000		2127639.93		A	0.9
6	☐	1.000		2128298.54		A	0.6
7	☐	1.000		2151301.25		A	0.5
8	☐	1.000		2138391.01		A	1.0
9	☐	1.000		2073912.32		A	0.1

45 Sc (ISTD) [No Gas]

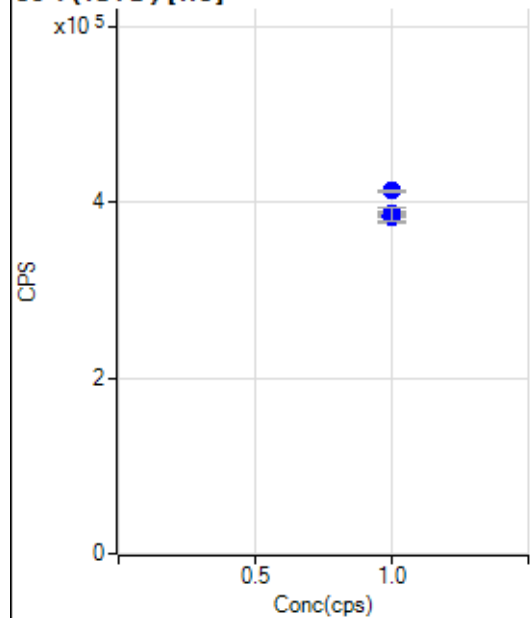
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7154318.48		A	1.5
2	☐	1.000					
3	☐	1.000		7124376.12		A	0.4
4	☐	1.000		7187508.06		A	0.5
5	☐	1.000		7153597.38		A	0.3
6	☐	1.000		7260561.62		A	0.4
7	☐	1.000		7334897.04		A	0.8
8	☐	1.000		7345048.86		A	0.6
9	☐	1.000		7233204.24		A	0.4

45 Sc (ISTD) [He]

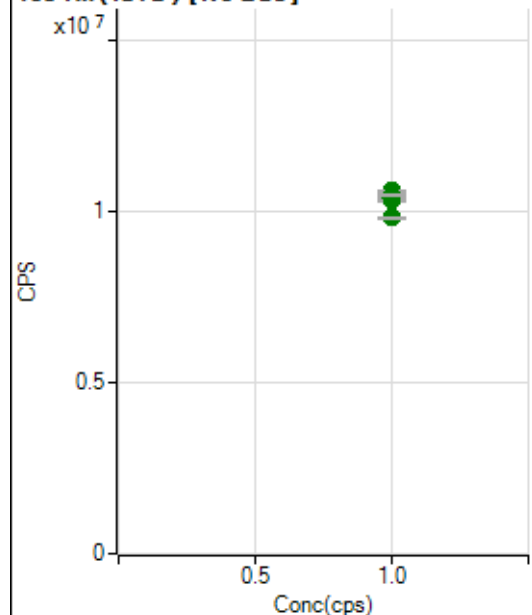
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		59041.41		P	0.2
2	☐	1.000					
3	☐	1.000		59055.80		P	0.3
4	☐	1.000		57922.40		P	1.8
5	☐	1.000		58331.93		P	1.4
6	☐	1.000		58154.74		P	4.4
7	☐	1.000		58163.81		P	3.9
8	☐	1.000		58166.14		P	4.9
9	☐	1.000		61282.05		P	0.3

89 Y (ISTD) [No Gas]

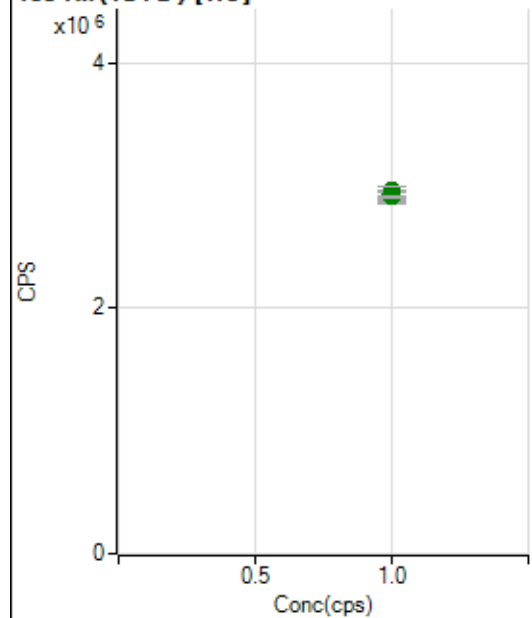
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11711923.71		A	1.1
2	☐	1.000					
3	☐	1.000		11647079.97		A	0.4
4	☐	1.000		11794096.49		A	0.2
5	☐	1.000		11826963.16		A	0.1
6	☐	1.000		11969911.63		A	0.9
7	☐	1.000		12212812.87		A	0.7
8	☐	1.000		12332360.23		A	0.3
9	☐	1.000		12028187.32		A	0.6

89 Y (ISTD) [He]

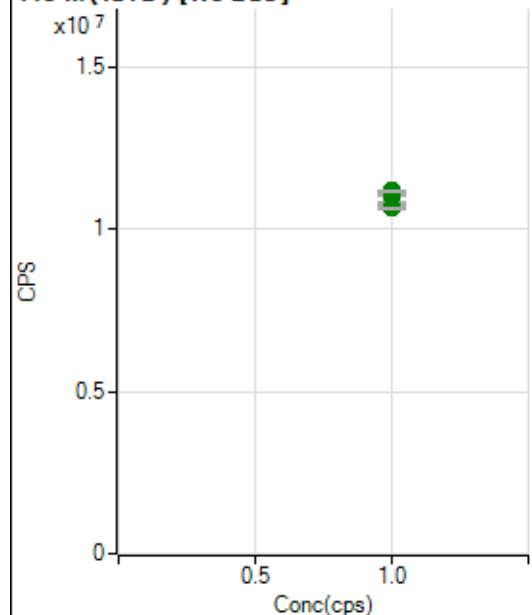
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		384626.97		P	0.3
2	☐	1.000					
3	☐	1.000		387027.77		P	0.1
4	☐	1.000		382874.60		P	2.3
5	☐	1.000		387934.92		P	0.8
6	☐	1.000		382397.82		P	3.2
7	☐	1.000		384721.76		P	4.6
8	☐	1.000		386576.89		P	4.1
9	☐	1.000		413422.57		P	0.5

103 Rh (ISTD) [No Gas]

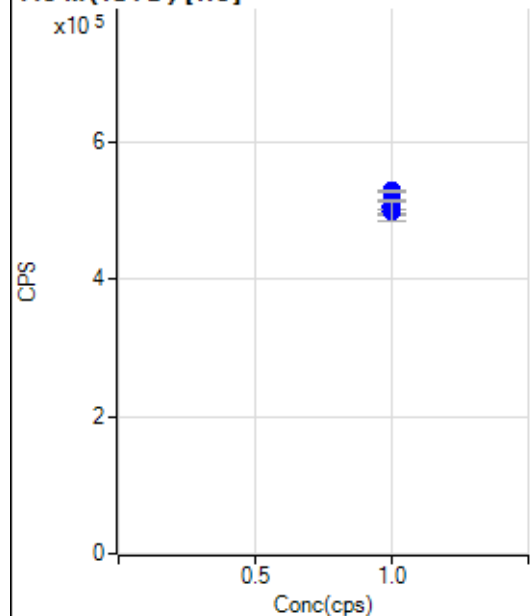
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10315109.35		A	1.0
2	☐	1.000					
3	☐	1.000		10401726.97		A	0.6
4	☐	1.000		10356795.11		A	0.3
5	☐	1.000		10369431.65		A	1.3
6	☐	1.000		10490667.25		A	0.4
7	☐	1.000		10589407.01		A	0.3
8	☐	1.000		10466419.51		A	0.8
9	☐	1.000		9801370.53		A	0.4

103 Rh (ISTD) [He]

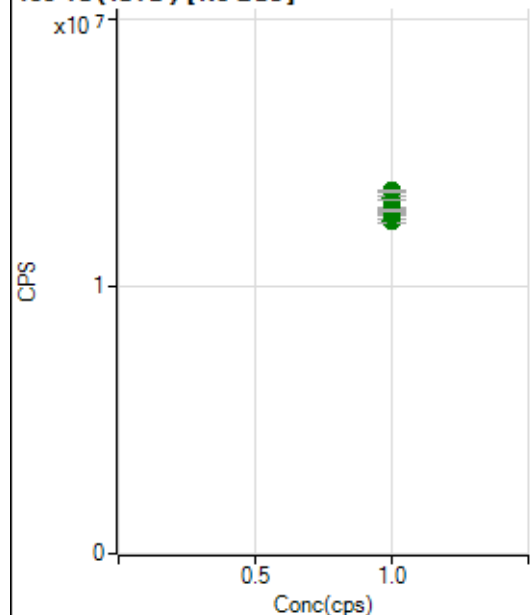
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2946565.09		A	0.4
2	☐	1.000					
3	☐	1.000		2956544.64		A	0.6
4	☐	1.000		2918715.51		A	2.5
5	☐	1.000		2950476.20		A	0.8
6	☐	1.000		2923425.83		A	3.0
7	☐	1.000		2928318.39		A	4.1
8	☐	1.000		2916971.45		A	4.8
9	☐	1.000		2907257.77		A	0.7

115 In (ISTD) [No Gas]

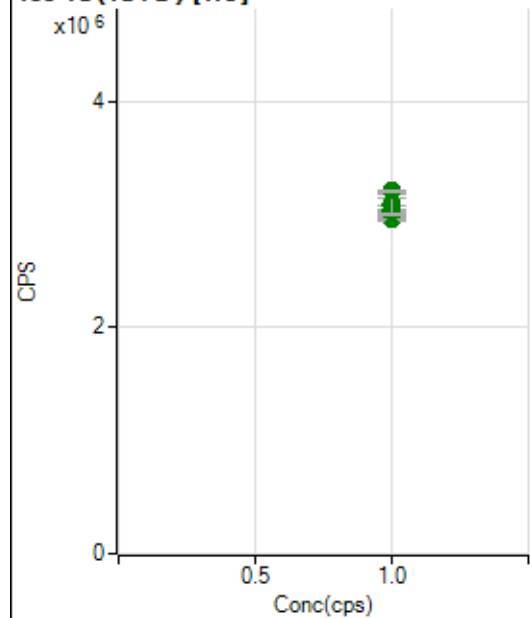
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10699138.11		A	1.2
2	☐	1.000					
3	☐	1.000		10698105.55		A	0.5
4	☐	1.000		10819991.85		A	0.8
5	☐	1.000		10833431.19		A	0.5
6	☐	1.000		11028302.02		A	0.7
7	☐	1.000		11096325.08		A	0.8
8	☐	1.000		11174813.54		A	0.7
9	☐	1.000		10640960.63		A	0.8

115 In (ISTD) [He]

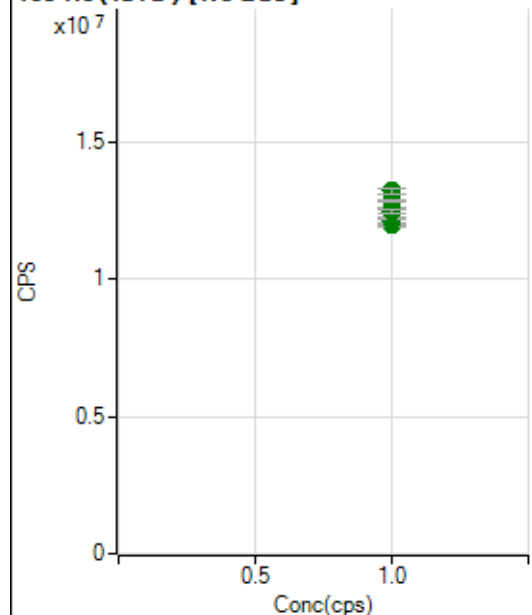
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		513781.64		P	0.3
2	☐	1.000					
3	☐	1.000		513866.08		P	0.4
4	☐	1.000		507809.10		P	2.2
5	☐	1.000		514901.45		P	0.6
6	☐	1.000		504995.03		P	3.5
7	☐	1.000		504254.94		P	4.5
8	☐	1.000		498179.56		P	5.4
9	☐	1.000		528910.78		P	0.6

159 Tb (ISTD) [No Gas]

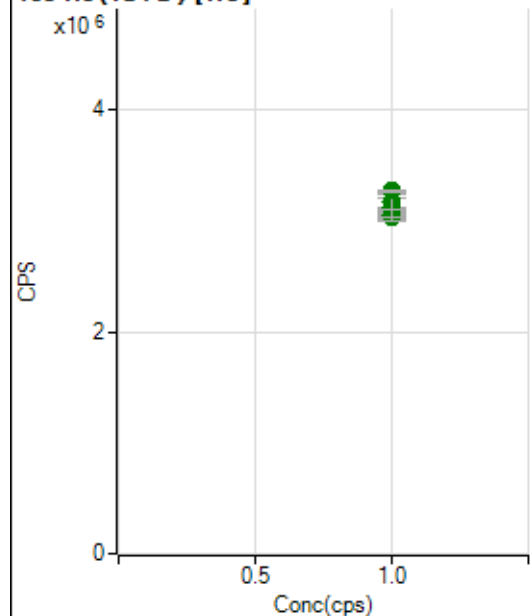
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12431412.45		A	1.3
2	☐	1.000					
3	☐	1.000		12661388.56		A	0.2
4	☐	1.000		12702078.56		A	0.5
5	☐	1.000		12782445.50		A	0.5
6	☐	1.000		12966668.14		A	0.3
7	☐	1.000		13328699.66		A	1.0
8	☐	1.000		13582770.49		A	0.7
9	☐	1.000		12858681.75		A	0.2

159 Tb (ISTD) [He]

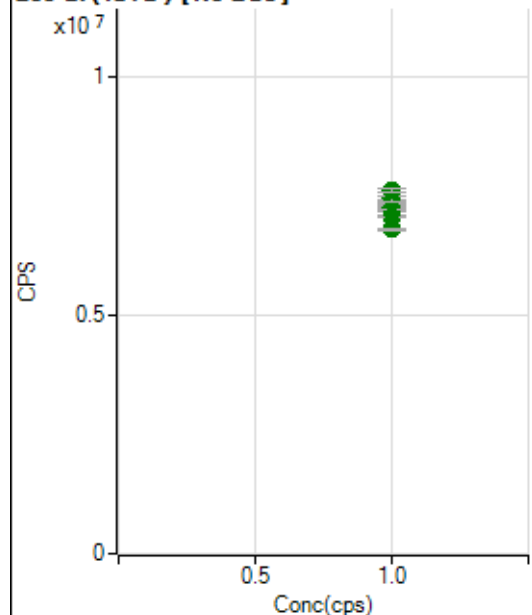
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2957513.71		A	0.9
2	☐	1.000					
3	☐	1.000		2985220.76		A	1.0
4	☐	1.000		2984957.66		A	2.2
5	☐	1.000		3021688.78		A	1.8
6	☐	1.000		3036891.80		A	3.1
7	☐	1.000		3067601.59		A	4.7
8	☐	1.000		3091849.43		A	5.2
9	☐	1.000		3205584.92		A	0.8

165 Ho (ISTD) [No Gas]

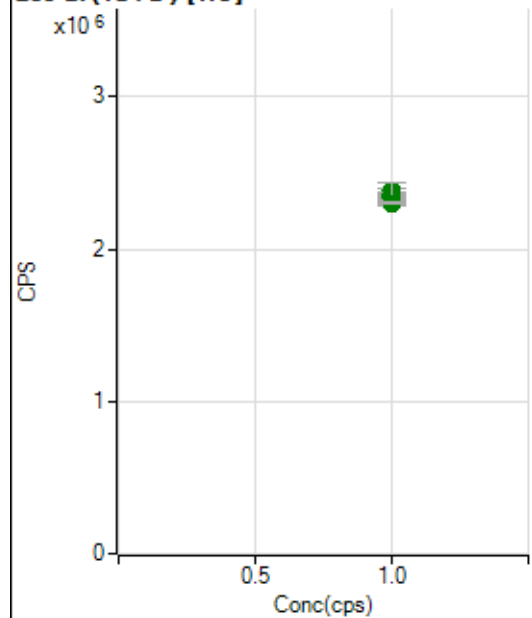
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11950302.52		A	0.5
2	☐	1.000					
3	☐	1.000		12110218.15		A	0.6
4	☐	1.000		12221158.95		A	0.9
5	☐	1.000		12203055.40		A	0.9
6	☐	1.000		12555706.53		A	0.9
7	☐	1.000		12869369.73		A	0.5
8	☐	1.000		13206278.42		A	1.3
9	☐	1.000		12479727.10		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3026761.45		A	0.5
2	☐	1.000					
3	☐	1.000		3040386.38		A	0.1
4	☐	1.000		3052928.46		A	2.0
5	☐	1.000		3092443.77		A	1.7
6	☐	1.000		3045996.55		A	3.3
7	☐	1.000		3120081.52		A	5.3
8	☐	1.000		3169239.89		A	4.3
9	☐	1.000		3267064.78		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7075070.45		A	0.5
2	☐	1.000					
3	☐	1.000		7223054.62		A	0.8
4	☐	1.000		7201302.05		A	0.0
5	☐	1.000		7257520.10		A	0.9
6	☐	1.000		7389611.07		A	0.8
7	☐	1.000		7450212.25		A	1.4
8	☐	1.000		7617101.83		A	0.9
9	☐	1.000		6814037.68		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2326911.16		A	1.1
2	☐	1.000					
3	☐	1.000		2355936.08		A	1.0
4	☐	1.000		2332267.78		A	2.5
5	☐	1.000		2357770.03		A	1.4
6	☐	1.000		2328955.71		A	3.4
7	☐	1.000		2341111.16		A	5.1
8	☐	1.000		2381021.92		A	4.7
9	☐	1.000		2300979.53		A	0.5

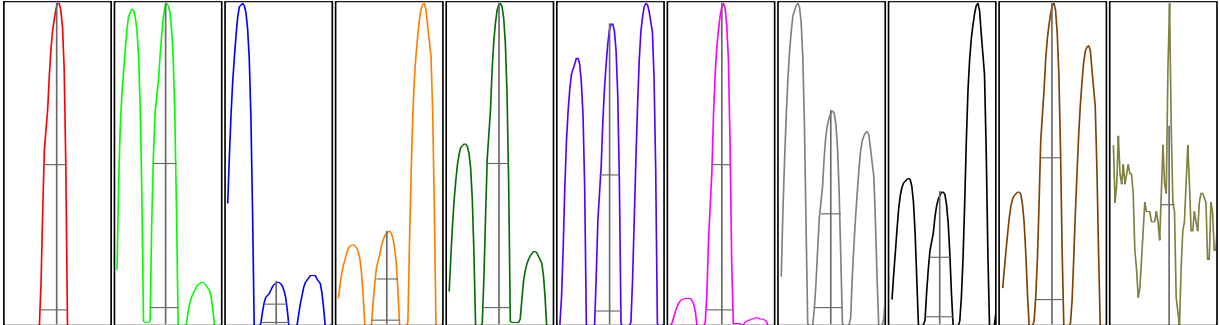
US EPA Tune Check Sample Report

Batch Folder D:\P8050418-MS .bb
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9316	1.12	5.00	
24	63460	1.25	5.00	
25	8503	1.17	5.00	
26	9859	0.92	5.00	
59	97915	1.14	5.00	
113	12271	1.03	5.00	
115	151658	1.46	5.00	
206	30139	0.81	5.00	
207	27721	0.90	5.00	
208	65369	1.06	5.00	
220	1	16.64		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9258	9366	9401	9161	9395
24	63813	63148	63712	62271	64358
25	8563	8470	8526	8349	8607
26	9897	9857	9840	9726	9976
59	97622	98630	97217	96661	99444
113	12318	12301	12303	12052	12379
115	154382	151298	152854	148416	151339
206	30069	30054	30198	29858	30517
207	27565	27889	27850	27358	27943
208	65099	66131	65542	64323	65751
220	1	2	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	16118	9.00	8.9 - 9.1		0.777	0.900	
24	107058	23.95	23.9 - 24.1		0.785	0.900	
25	14393	24.95	24.9 - 25.1		0.785	0.900	
26	16789	25.95	25.9 - 26.1		0.783	0.900	
59	170915	59.00	58.9 - 59.1		0.777	0.900	
113	23122	113.00	112.9 - 113.1		0.731	0.900	
115	285916	115.05	114.9 - 115.1		0.768	0.900	
206	54150	206.00	205.9 - 206.1		0.787	0.900	
207	48832	206.95	206.9 - 207.1		0.779	0.900	
208	118123	208.00	207.9 - 208.1		0.787	0.900	
220	2	220.20	-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.3	V	Deflect	13.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11981	2.20	
89	3532	2.79	
205	16570	2.36	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12141	12090	12038	12123	11515
89	3590	3567	3593	3551	3358
205	16773	16771	16712	16723	15873

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.3	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:14:42	DataFile Name :	003CALB_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	-2.21	1.11	0.00	N/A	ppb
Antimony	121-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Arsenic	75-2	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	0.14	-0.14	0.00	N/A	ppb
Boron	11-1	0.07	0.03	-0.10	0.00	N/A	ppb
Cadmium	111-1	-0.07	-0.01	0.08	0.00	N/A	ppb
Cadmium	106-1	-1.04	-0.19	1.23	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Calcium	43-1	-0.79	4.18	-3.39	0.00	N/A	ppb
Calcium	44-1	-0.41	-1.68	2.08	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	-0.02	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.14	-0.16	0.02	0.00	N/A	ppb
Iron	57-2	-0.76	-0.42	1.19	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	0.95	-0.94	0.00	N/A	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:14:42	DataFile Name :	003CALB_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.02	-0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	10.72	10.78	-5.37	5.37	173.21	ppb
Potassium	39-2	-1.29	5.43	-4.14	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	0.45	-0.22	0.00	N/A	ppb
Selenium	82-1	-0.46	-0.08	0.55	0.00	N/A	ppb
Silicon	28-1	-1.08	-0.86	1.93	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.27	-1.77	2.04	0.00	N/A	ppb
Strontium	86-1	-0.02	0.05	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-20.42	-396.95	-57.98	-158.45		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.01	0.04	-0.05	0.00	N/A	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:14:42	DataFile Name :	003CALB_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.02	0.00	N/A	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:22:26	DataFile Name :	005CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.63	21.02	12.26	16.64	26.32	ppb
Antimony	121-1	1.88	1.91	1.97	1.92	2.16	ppb
Arsenic	75-2	1.20	0.81	1.03	1.01	18.92	ppb
Barium	135-1	9.52	9.36	9.58	9.49	1.20	ppb
Barium	137-1	9.78	9.39	9.17	9.45	3.27	ppb
Beryllium	9-1	0.95	0.98	0.90	0.94	4.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	23.24	25.02	22.80	23.69	4.96	ppb
Boron	11-1	22.91	22.18	22.64	22.58	1.64	ppb
Cadmium	111-1	0.96	0.85	0.90	0.90	5.90	ppb
Cadmium	106-1	0.77	-0.15	0.65	0.43	118.27	ppb
Cadmium	108-1	0.93	1.14	0.78	0.95	18.93	ppb
Calcium	43-1	470.47	472.60	443.79	462.29	3.47	ppb
Calcium	44-1	458.56	457.17	451.87	455.86	0.77	ppb
Chromium	52-2	2.02	2.00	2.00	2.01	0.61	ppb
Cobalt	59-2	0.98	0.94	0.96	0.96	1.67	ppb
Copper	63-2	1.96	1.96	1.77	1.89	5.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	48.40	47.59	47.84	47.94	0.87	ppb
Iron	57-2	38.57	45.95	49.53	44.68	12.51	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.94	0.99	0.96	3.18	ppb
Lead	207-1	0.92	0.90	0.99	0.93	4.88	ppb
Lead	208-1	0.94	0.94	0.96	0.95	1.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	493.29	469.49	482.52	481.77	2.47	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:22:26	DataFile Name :	005CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	0.99	0.89	0.99	9.90	ppb
Molybdenum	94-1	4.72	4.42	4.67	4.61	3.47	ppb
Molybdenum	95-1	4.80	4.60	4.68	4.69	2.05	ppb
Molybdenum	96-1	4.91	4.63	4.59	4.71	3.70	ppb
Molybdenum	97-1	4.77	4.72	4.63	4.70	1.50	ppb
Molybdenum	98-1	4.72	4.74	4.73	4.73	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.97	1.22	1.06	13.02	ppb
Phosphorus	31-2	-5.37	-5.37	-5.37	-5.37		ppb
Potassium	39-2	501.44	448.56	479.67	476.56	5.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.30	4.30	4.30	4.30	0.12	ppb
Selenium	78-2	3.12	1.78	3.11	2.67	28.80	ppb
Selenium	82-1	5.08	4.62	5.45	5.05	8.23	ppb
Silicon	28-1	20.52	20.48	15.59	18.86	15.02	ppb
Silver	109-1	0.96	1.01	1.04	1.00	4.20	ppb
Silver	107-1	1.01	1.02	0.93	0.99	4.78	ppb
Sodium	23-2	499.59	487.94	494.03	493.86	1.18	ppb
Strontium	86-1	1.01	0.92	0.92	0.95	5.27	ppb
Strontium	88-1	0.99	0.98	1.01	1.00	1.68	ppb
Sulfur	34-1	152.98	282.53	39.84	158.45	76.64	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.01	0.92	0.93	0.95	5.21	ppb
Thallium	205-1	0.94	0.93	0.95	0.94	0.97	ppb
Tin	118-1	4.84	4.82	4.80	4.82	0.42	ppb
Titanium	47-1	5.14	5.13	4.62	4.96	5.96	ppb
Uranium	238-1	0.93	0.90	0.88	0.90	2.46	ppb
Vanadium	51-2	4.41	4.50	4.42	4.44	1.07	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2.11	1.90	1.66	1.89	11.88	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:22:26	DataFile Name :	005CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.93	0.94	0.93	1.04	ppb
Zirconium	91-1	0.84	0.92	0.98	0.91	7.91	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:26:07	DataFile Name :	006CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	992.22	1003.33	954.56	983.37	2.60	ppb
Antimony	121-1	50.70	50.31	50.64	50.55	0.41	ppb
Arsenic	75-2	52.00	50.72	48.95	50.56	3.02	ppb
Barium	135-1	258.63	253.98	255.66	256.09	0.92	ppb
Barium	137-1	256.78	252.65	254.70	254.71	0.81	ppb
Beryllium	9-1	50.72	51.56	52.24	51.50	1.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	50.50	49.21	48.55	49.42	2.01	ppb
Boron	11-1	49.24	49.45	51.00	49.90	1.92	ppb
Cadmium	111-1	52.84	51.35	51.31	51.83	1.68	ppb
Cadmium	106-1	50.61	51.09	50.25	50.65	0.83	ppb
Cadmium	108-1	51.84	51.39	53.10	52.11	1.70	ppb
Calcium	43-1	4818.23	4802.69	4846.65	4822.52	0.46	ppb
Calcium	44-1	4927.23	4905.81	4969.97	4934.34	0.66	ppb
Chromium	52-2	51.86	49.85	50.27	50.66	2.09	ppb
Cobalt	59-2	52.44	50.17	50.10	50.90	2.62	ppb
Copper	63-2	103.55	100.76	100.93	101.74	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2705.19	2627.29	2626.20	2652.89	1.71	ppb
Iron	57-2	2665.36	2535.79	2563.47	2588.21	2.64	ppb
Krypton	83-1						cps
Lead	206-1	49.99	49.69	49.80	49.82	0.30	ppb
Lead	207-1	48.37	48.55	48.80	48.57	0.44	ppb
Lead	208-1	49.39	49.44	49.74	49.52	0.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	5560.39	5277.18	5384.34	5407.30	2.64	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:26:07	DataFile Name :	006CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.15	99.83	99.75	100.91	1.92	ppb
Molybdenum	94-1	249.85	250.89	249.11	249.95	0.36	ppb
Molybdenum	95-1	251.53	249.93	250.32	250.59	0.33	ppb
Molybdenum	96-1	249.33	247.82	251.10	249.42	0.66	ppb
Molybdenum	97-1	250.65	246.04	250.44	249.04	1.05	ppb
Molybdenum	98-1	253.47	250.41	256.21	253.36	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.68	51.28	51.35	51.77	1.53	ppb
Phosphorus	31-2	1151.91	1095.46	1089.82	1112.40	3.09	ppb
Potassium	39-2	2728.33	2572.47	2517.41	2606.07	4.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	53.64	73.03	25.77	50.81	46.75	ppb
Selenium	78-2	52.45	47.73	49.72	49.97	4.74	ppb
Selenium	82-1	52.99	53.52	52.01	52.84	1.45	ppb
Silicon	28-1	69.47	68.43	68.71	68.87	0.78	ppb
Silver	109-1	52.10	51.88	52.02	52.00	0.21	ppb
Silver	107-1	52.33	52.20	52.38	52.30	0.17	ppb
Sodium	23-2	5509.41	5321.83	5305.48	5378.91	2.11	ppb
Strontium	86-1	50.78	51.28	50.91	50.99	0.51	ppb
Strontium	88-1	51.50	51.14	51.18	51.27	0.38	ppb
Sulfur	34-1	1458.68	1206.30	1352.84	1339.28	9.46	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	49.45	50.17	50.53	50.05	1.10	ppb
Thallium	205-1	50.14	49.94	50.72	50.26	0.80	ppb
Tin	118-1	51.32	50.12	51.25	50.90	1.33	ppb
Titanium	47-1	252.17	250.91	252.97	252.02	0.41	ppb
Uranium	238-1	48.68	49.18	49.29	49.05	0.66	ppb
Vanadium	51-2	51.41	49.21	49.09	49.90	2.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	106.09	99.42	102.23	102.58	3.26	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:26:07	DataFile Name :	006CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.54	49.26	49.89	49.56	0.63	ppb
Zirconium	91-1	49.56	49.01	49.27	49.28	0.55	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:29:48	DataFile Name :	007CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2401.11	2569.04	2524.75	2498.30	3.48	ppb
Antimony	121-1	127.50	129.58	127.26	128.11	1.00	ppb
Arsenic	75-2	124.79	124.25	126.14	125.06	0.78	ppb
Barium	135-1	642.74	652.14	643.73	646.20	0.80	ppb
Barium	137-1	649.63	656.37	651.33	652.44	0.54	ppb
Beryllium	9-1	128.59	128.21	129.70	128.83	0.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	120.76	124.16	128.25	124.39	3.02	ppb
Boron	11-1	123.26	123.86	127.01	124.71	1.61	ppb
Cadmium	111-1	129.63	129.43	129.69	129.58	0.11	ppb
Cadmium	106-1	129.71	131.81	129.79	130.44	0.91	ppb
Cadmium	108-1	132.48	130.86	128.75	130.70	1.43	ppb
Calcium	43-1	12296.38	12198.85	12209.19	12234.81	0.44	ppb
Calcium	44-1	12243.70	12264.07	12015.70	12174.49	1.13	ppb
Chromium	52-2	123.19	126.67	129.31	126.39	2.43	ppb
Cobalt	59-2	124.60	125.02	128.94	126.19	1.90	ppb
Copper	63-2	249.74	249.98	258.43	252.72	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6370.45	6454.76	6590.90	6472.04	1.72	ppb
Iron	57-2	6429.33	6342.97	6533.26	6435.18	1.48	ppb
Krypton	83-1						cps
Lead	206-1	125.07	124.29	124.96	124.78	0.34	ppb
Lead	207-1	124.16	122.54	120.87	122.52	1.34	ppb
Lead	208-1	125.31	123.96	123.76	124.34	0.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	13270.46	13122.21	13615.53	13336.07	1.90	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:29:48	DataFile Name :	007CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	247.63	256.10	258.99	254.24	2.32	ppb
Molybdenum	94-1	645.87	639.71	642.00	642.52	0.48	ppb
Molybdenum	95-1	645.94	642.19	639.02	642.38	0.54	ppb
Molybdenum	96-1	641.60	625.59	634.25	633.81	1.26	ppb
Molybdenum	97-1	643.17	627.56	641.50	637.41	1.35	ppb
Molybdenum	98-1	641.20	635.36	635.24	637.27	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.55	127.29	129.03	127.62	1.00	ppb
Phosphorus	31-2	2934.42	2573.87	3228.50	2912.26	11.26	ppb
Potassium	39-2	6355.21	6416.50	6580.40	6450.70	1.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	124.10	149.58	147.35	140.34	10.06	ppb
Selenium	78-2	132.47	115.74	118.03	122.08	7.43	ppb
Selenium	82-1	130.02	128.50	127.18	128.57	1.11	ppb
Silicon	28-1	133.58	136.46	132.47	134.17	1.54	ppb
Silver	109-1	130.32	131.37	129.16	130.29	0.85	ppb
Silver	107-1	130.48	132.40	130.04	130.98	0.96	ppb
Sodium	23-2	13510.65	13237.53	13942.85	13563.68	2.62	ppb
Strontium	86-1	128.95	128.76	128.23	128.65	0.29	ppb
Strontium	88-1	128.90	128.56	128.78	128.75	0.14	ppb
Sulfur	34-1	3410.94	3604.64	3394.91	3470.17	3.36	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	127.01	124.76	126.41	126.06	0.92	ppb
Thallium	205-1	128.62	126.92	128.54	128.02	0.75	ppb
Tin	118-1	127.50	128.38	127.09	127.66	0.52	ppb
Titanium	47-1	634.11	633.11	628.66	631.96	0.46	ppb
Uranium	238-1	127.63	126.36	127.39	127.13	0.53	ppb
Vanadium	51-2	123.50	125.25	127.92	125.55	1.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	258.03	257.02	262.52	259.19	1.13	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:29:48	DataFile Name :	007CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.44	128.05	127.43	127.64	0.28	ppb
Zirconium	91-1	126.06	126.50	126.41	126.32	0.18	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:33:21	DataFile Name :	008CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5369.08	4651.32	4817.33	4945.91	7.60	ppb
Antimony	121-1	260.42	257.73	259.57	259.24	0.53	ppb
Arsenic	75-2	267.27	247.27	247.29	253.94	4.54	ppb
Barium	135-1	1298.41	1290.86	1298.04	1295.77	0.33	ppb
Barium	137-1	1293.05	1286.27	1291.97	1290.43	0.28	ppb
Beryllium	9-1	255.36	254.55	257.26	255.72	0.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	250.70	249.80	256.52	252.34	1.45	ppb
Boron	11-1	244.22	250.00	255.65	249.95	2.29	ppb
Cadmium	111-1	256.24	254.98	256.47	255.90	0.31	ppb
Cadmium	106-1	259.68	256.36	262.86	259.63	1.25	ppb
Cadmium	108-1	260.04	258.37	263.87	260.76	1.08	ppb
Calcium	43-1	24175.15	23918.61	23981.53	24025.10	0.56	ppb
Calcium	44-1	24085.36	23878.50	23617.46	23860.44	0.98	ppb
Chromium	52-2	267.57	245.27	246.56	253.13	4.95	ppb
Cobalt	59-2	266.72	242.90	245.98	251.87	5.14	ppb
Copper	63-2	532.64	493.39	491.77	505.93	4.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	13598.64	12627.41	12492.92	12906.32	4.67	ppb
Iron	57-2	13655.62	12706.64	12592.37	12984.88	4.50	ppb
Krypton	83-1						cps
Lead	206-1	245.49	248.56	249.03	247.69	0.78	ppb
Lead	207-1	246.71	244.47	244.89	245.35	0.49	ppb
Lead	208-1	251.95	252.09	250.51	251.52	0.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	28189.23	25825.23	25936.00	26650.15	5.01	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:33:21	DataFile Name :	008CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	541.00	496.22	492.25	509.83	5.31	ppb
Molybdenum	94-1	1269.10	1284.17	1257.58	1270.29	1.05	ppb
Molybdenum	95-1	1240.26	1283.27	1270.66	1264.73	1.75	ppb
Molybdenum	96-1	1256.34	1269.37	1255.01	1260.24	0.63	ppb
Molybdenum	97-1	1281.25	1292.67	1272.61	1282.18	0.78	ppb
Molybdenum	98-1	1254.91	1269.61	1255.27	1259.93	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	271.14	244.70	248.94	254.93	5.57	ppb
Phosphorus	31-2	5047.17	4746.52	5170.14	4987.94	4.37	ppb
Potassium	39-2	13612.16	12428.73	12363.55	12801.48	5.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	271.38	283.70	234.31	263.13	9.77	ppb
Selenium	78-2	257.86	267.03	247.48	257.45	3.80	ppb
Selenium	82-1	256.12	259.70	253.09	256.30	1.29	ppb
Silicon	28-1	261.43	262.77	255.82	260.01	1.42	ppb
Silver	109-1	265.22	261.49	260.94	262.55	0.89	ppb
Silver	107-1	267.42	264.60	259.59	263.87	1.50	ppb
Sodium	23-2	28412.03	26407.65	25980.06	26933.25	4.82	ppb
Strontium	86-1	249.73	254.78	251.34	251.95	1.03	ppb
Strontium	88-1	251.34	256.50	253.87	253.91	1.02	ppb
Sulfur	34-1	6494.91	6335.72	6246.57	6359.06	1.98	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	250.05	251.82	252.54	251.47	0.51	ppb
Thallium	205-1	254.07	253.51	255.74	254.44	0.46	ppb
Tin	118-1	261.58	257.01	257.69	258.76	0.95	ppb
Titanium	47-1	1281.64	1272.89	1261.34	1271.95	0.80	ppb
Uranium	238-1	248.85	250.29	253.75	250.96	1.00	ppb
Vanadium	51-2	264.76	246.52	242.33	251.20	4.75	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	534.24	495.53	494.81	508.19	4.44	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:33:21	DataFile Name :	008CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.40	255.92	251.16	253.83	0.96	ppb
Zirconium	91-1	249.96	254.23	249.05	251.08	1.10	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:36:51	DataFile Name :	009CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9590.29	9414.09	10506.51	9836.96	5.96	ppb
Antimony	121-1	499.69	503.96	506.25	503.30	0.66	ppb
Arsenic	75-2	491.19	483.33	533.52	502.68	5.37	ppb
Barium	135-1	2514.46	2512.59	2534.09	2520.38	0.47	ppb
Barium	137-1	2483.31	2511.96	2527.90	2507.72	0.90	ppb
Beryllium	9-1	505.54	501.94	496.56	501.35	0.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	492.63	504.76	508.26	501.88	1.63	ppb
Boron	11-1	491.02	497.96	503.60	497.53	1.27	ppb
Cadmium	111-1	492.88	497.28	506.47	498.87	1.39	ppb
Cadmium	106-1	495.93	507.69	513.04	505.55	1.73	ppb
Cadmium	108-1	504.51	513.55	513.01	510.36	0.99	ppb
Calcium	43-1	47706.43	48020.74	48533.67	48086.95	0.87	ppb
Calcium	44-1	46886.45	47583.94	48496.04	47655.47	1.69	ppb
Chromium	52-2	491.79	486.16	523.32	500.42	4.00	ppb
Cobalt	59-2	491.06	482.60	525.02	499.56	4.49	ppb
Copper	63-2	1005.31	982.82	1060.39	1016.17	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	25161.75	24692.15	26641.62	25498.50	3.99	ppb
Iron	57-2	25049.50	24336.67	26629.98	25338.72	4.63	ppb
Krypton	83-1						cps
Lead	206-1	506.49	510.18	499.41	505.36	1.08	ppb
Lead	207-1	506.94	509.02	502.02	505.99	0.71	ppb
Lead	208-1	508.02	509.03	504.86	507.30	0.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	54351.35	52585.04	56645.71	54527.37	3.73	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:36:51	DataFile Name :	009CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.96	962.69	1040.17	994.61	4.07	ppb
Molybdenum	94-1	2497.17	2508.52	2473.45	2493.04	0.72	ppb
Molybdenum	95-1	2512.17	2508.11	2463.63	2494.64	1.08	ppb
Molybdenum	96-1	2505.28	2483.37	2435.51	2474.72	1.44	ppb
Molybdenum	97-1	2530.70	2490.01	2485.41	2502.04	1.00	ppb
Molybdenum	98-1	2517.39	2521.04	2483.43	2507.28	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.43	489.02	532.93	507.13	4.52	ppb
Phosphorus	31-2	9469.91	10072.51	11031.79	10191.40	7.73	ppb
Potassium	39-2	24710.02	24166.52	26270.33	25048.96	4.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	512.32	571.75	580.99	555.02	6.71	ppb
Selenium	78-2	474.42	481.49	526.80	494.23	5.75	ppb
Selenium	82-1	504.16	504.26	504.38	504.27	0.02	ppb
Silicon	28-1	501.19	509.12	511.55	507.29	1.07	ppb
Silver	109-1	509.86	503.36	514.72	509.31	1.12	ppb
Silver	107-1	502.44	509.60	514.16	508.73	1.16	ppb
Sodium	23-2	51945.46	50611.20	54886.76	52481.14	4.17	ppb
Strontium	86-1	499.91	500.97	496.17	499.02	0.50	ppb
Strontium	88-1	500.82	501.07	498.57	500.15	0.28	ppb
Sulfur	34-1	12120.63	12398.45	12497.11	12338.73	1.58	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	519.82	502.77	507.05	509.88	1.74	ppb
Thallium	205-1	507.40	500.39	502.16	503.32	0.72	ppb
Tin	118-1	503.79	508.48	508.53	506.93	0.54	ppb
Titanium	47-1	2499.97	2496.97	2547.36	2514.77	1.12	ppb
Uranium	238-1	497.66	498.73	494.02	496.81	0.50	ppb
Vanadium	51-2	489.43	484.08	521.86	498.45	4.10	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	991.58	972.25	1056.12	1006.65	4.36	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:36:51	DataFile Name :	009CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.06	501.05	493.99	498.03	0.73	ppb
Zirconium	91-1	507.22	501.37	492.83	500.47	1.45	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:40:15	DataFile Name :	010CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19277.63	19067.06	21023.80	19789.50	5.43	ppb
Antimony	121-1	994.43	1003.10	989.34	995.63	0.70	ppb
Arsenic	75-2	977.25	969.56	1046.11	997.64	4.23	ppb
Barium	135-1	4990.94	4998.24	4937.06	4975.41	0.67	ppb
Barium	137-1	4972.55	5009.91	4964.64	4982.37	0.49	ppb
Beryllium	9-1	996.13	1013.72	982.18	997.34	1.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	989.75	997.92	1008.17	998.61	0.92	ppb
Boron	11-1	985.63	1013.58	1004.83	1001.35	1.43	ppb
Cadmium	111-1	983.03	1012.20	1000.04	998.42	1.47	ppb
Cadmium	106-1	991.61	999.76	990.94	994.10	0.49	ppb
Cadmium	108-1	992.75	993.05	988.14	991.31	0.28	ppb
Calcium	43-1	97305.40	97611.07	97318.53	97411.67	0.18	ppb
Calcium	44-1	94966.79	95173.65	95410.74	95183.73	0.23	ppb
Chromium	52-2	971.87	969.88	1054.65	998.80	4.84	ppb
Cobalt	59-2	970.33	972.31	1056.04	999.56	4.89	ppb
Copper	63-2	1929.33	1932.84	2107.85	1990.00	5.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	49209.89	49230.75	53995.35	50812.00	5.43	ppb
Iron	57-2	49038.88	49159.42	53727.68	50641.99	5.28	ppb
Krypton	83-1						cps
Lead	206-1	994.36	997.53	1001.91	997.93	0.38	ppb
Lead	207-1	992.92	1003.55	999.16	998.55	0.53	ppb
Lead	208-1	991.23	991.92	1005.07	996.08	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	103242.04	102063.72	112371.91	105892.56	5.33	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:40:15	DataFile Name :	010CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1949.69	1927.82	2121.49	1999.66	5.30	ppb
Molybdenum	94-1	5016.32	5031.03	4941.31	4996.22	0.96	ppb
Molybdenum	95-1	4997.97	5032.81	4959.60	4996.80	0.73	ppb
Molybdenum	96-1	5002.31	5024.34	5000.38	5009.01	0.27	ppb
Molybdenum	97-1	5010.97	4988.91	4968.42	4989.43	0.43	ppb
Molybdenum	98-1	5008.94	4976.72	4990.86	4992.17	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	965.41	965.18	1053.76	994.79	5.13	ppb
Phosphorus	31-2	19363.25	19157.96	21029.27	19850.16	5.17	ppb
Potassium	39-2	48586.47	48650.96	53260.24	50165.89	5.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	911.78	1008.40	981.58	967.25	5.16	ppb
Selenium	78-2	982.88	993.30	1028.01	1001.40	2.36	ppb
Selenium	82-1	992.50	997.04	997.57	995.70	0.28	ppb
Silicon	28-1	993.81	993.33	987.89	991.68	0.33	ppb
Silver	109-1	992.28	1000.28	981.77	991.45	0.94	ppb
Silver	107-1	994.73	993.69	985.48	991.30	0.51	ppb
Sodium	23-2	102043.72	101426.39	110018.33	104496.15	4.59	ppb
Strontium	86-1	1003.22	997.02	998.25	999.50	0.33	ppb
Strontium	88-1	994.98	1000.32	999.94	998.41	0.30	ppb
Sulfur	34-1	18570.98	18067.89	18419.04	18352.64	1.41	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	985.95	994.86	1002.86	994.56	0.85	ppb
Thallium	205-1	984.24	991.66	1014.62	996.84	1.59	ppb
Tin	118-1	991.12	996.91	993.88	993.97	0.29	ppb
Titanium	47-1	4975.20	5000.95	4982.32	4986.16	0.27	ppb
Uranium	238-1	984.11	1005.56	1013.74	1001.14	1.53	ppb
Vanadium	51-2	970.08	969.79	1061.36	1000.41	5.28	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1930.64	1929.23	2120.18	1993.35	5.51	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:40:15	DataFile Name :	010CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1002.85	998.60	997.71	999.72	0.27	ppb
Zirconium	91-1	989.89	996.74	1011.45	999.36	1.10	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:43:33	DataFile Name :	011CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100455.68	99820.70	99907.57	100061.32	0.34	ppb
Antimony	121-1	3.50	3.80	4.00	3.77	6.68	ppb
Arsenic	75-2	0.53	0.63	0.57	0.58	8.93	ppb
Barium	135-1	1.52	1.60	1.62	1.58	3.28	ppb
Barium	137-1	1.58	1.60	1.55	1.58	1.53	ppb
Beryllium	9-1	0.13	0.17	0.11	0.14	20.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	44.06	44.81	38.58	42.48	8.01	ppb
Boron	11-1	45.34	42.33	38.58	42.08	8.04	ppb
Cadmium	111-1	0.18	0.32	0.10	0.20	54.54	ppb
Cadmium	106-1	-0.03	1.28	-0.43	0.27	326.36	ppb
Cadmium	108-1	0.33	0.22	0.36	0.31	25.32	ppb
Calcium	43-1	499138.68	500995.36	502164.44	500766.16	0.30	ppb
Calcium	44-1	502448.67	502232.91	499108.99	501263.52	0.37	ppb
Chromium	52-2	39.53	40.08	39.93	39.85	0.71	ppb
Cobalt	59-2	1.63	1.61	1.50	1.58	4.38	ppb
Copper	63-2	2.47	2.51	2.62	2.53	3.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	250461.38	250733.78	248085.91	249760.35	0.58	ppb
Iron	57-2	248586.30	253221.86	247615.77	249807.97	1.20	ppb
Krypton	83-1						cps
Lead	206-1	2.01	1.98	1.93	1.97	1.95	ppb
Lead	207-1	1.87	1.82	1.75	1.81	3.21	ppb
Lead	208-1	1.94	1.90	1.87	1.90	2.02	ppb
Lithium	6-1				97		%
Magnesium	24-2	499371.54	499049.75	496362.57	498261.29	0.33	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:43:33	DataFile Name :	011CAL5_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.23	8.05	8.28	8.52	7.32	ppb
Molybdenum	94-1	6.63	7.03	7.13	6.93	3.80	ppb
Molybdenum	95-1	9.02	9.45	9.74	9.40	3.87	ppb
Molybdenum	96-1	8.92	9.57	9.70	9.40	4.45	ppb
Molybdenum	97-1	9.00	9.19	9.57	9.26	3.12	ppb
Molybdenum	98-1	8.67	9.24	9.63	9.18	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.74	25.07	24.49	24.77	1.19	ppb
Phosphorus	31-2	25.79	41.25	10.09	25.71	60.59	ppb
Potassium	39-2	250214.08	250013.89	249594.49	249940.82	0.13	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	4.04	4.00	0.00	2.68	86.61	ppb
Selenium	78-2	0.40	2.26	2.28	1.65	65.45	ppb
Selenium	82-1	0.99	1.26	1.64	1.29	25.09	ppb
Silicon	28-1	76.30	104.77	107.56	96.21	17.98	ppb
Silver	109-1	0.12	0.10	0.10	0.11	10.08	ppb
Silver	107-1	0.09	0.12	0.10	0.10	13.75	ppb
Sodium	23-2	498927.42	502240.04	495009.40	498725.62	0.73	ppb
Strontium	86-1	34.60	33.81	34.44	34.28	1.23	ppb
Strontium	88-1	35.12	34.87	34.65	34.88	0.68	ppb
Sulfur	34-1	-1166.39	-1277.10	-938.49	-1127.32		ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.49	0.52	0.48	0.50	3.99	ppb
Thallium	205-1	0.54	0.52	0.47	0.51	7.11	ppb
Tin	118-1	1.79	1.91	2.09	1.93	7.85	ppb
Titanium	47-1	1.68	1.50	1.58	1.59	5.55	ppb
Uranium	238-1	0.13	0.13	0.11	0.12	8.42	ppb
Vanadium	51-2	0.58	0.48	0.54	0.53	9.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	6.30	6.31	7.00	6.54	6.12	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:43:33	DataFile Name :	011CALS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.29	0.31	0.30	5.10	ppb
Zirconium	91-1	0.28	0.27	0.28	0.28	0.92	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:50:02	DataFile Name :	012ICV01_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.50	465.04	523.08	487.54	6.39	ppb
Antimony	121-1	197.17	200.38	199.88	199.14	0.87	ppb
Arsenic	75-2	189.11	195.33	190.73	191.73	1.68	ppb
Barium	135-1	100.82	100.08	101.42	100.77	0.66	ppb
Barium	137-1	99.43	100.50	101.11	100.35	0.85	ppb
Beryllium	9-1	93.32	94.20	96.05	94.52	1.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	551.59	554.99	563.69	556.76	1.12	ppb
Boron	11-1	544.09	543.21	555.53	547.61	1.26	ppb
Cadmium	111-1	101.54	101.80	103.43	102.26	1.00	ppb
Cadmium	106-1	151.47	148.72	155.99	152.06	2.41	ppb
Cadmium	108-1	125.72	125.25	125.17	125.38	0.24	ppb
Calcium	43-1	2124.59	2123.85	2155.81	2134.75	0.85	ppb
Calcium	44-1	2037.95	2022.12	2041.31	2033.79	0.50	ppb
Chromium	52-2	92.24	93.93	94.12	93.43	1.11	ppb
Cobalt	59-2	94.97	95.67	96.10	95.58	0.60	ppb
Copper	63-2	96.53	96.06	97.85	96.81	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	975.13	993.80	993.21	987.38	1.07	ppb
Iron	57-2	941.97	958.93	968.09	956.33	1.39	ppb
Krypton	83-1						cps
Lead	206-1	194.06	198.15	196.34	196.18	1.05	ppb
Lead	207-1	184.02	188.47	185.87	186.12	1.20	ppb
Lead	208-1	194.06	195.65	194.97	194.89	0.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	1188.65	1190.04	1182.27	1186.99	0.35	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:50:02	DataFile Name :	012ICV01_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.87	96.79	95.12	96.26	1.03	ppb
Molybdenum	94-1	1065.68	1052.62	1083.53	1067.28	1.45	ppb
Molybdenum	95-1	489.74	484.10	489.15	487.66	0.64	ppb
Molybdenum	96-1	548.22	553.44	563.19	554.95	1.37	ppb
Molybdenum	97-1	465.04	467.62	481.93	471.53	1.93	ppb
Molybdenum	98-1	483.41	480.02	490.43	484.62	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.37	97.50	98.57	97.48	1.13	ppb
Phosphorus	31-2	-5.37	25.41	10.00	10.01	153.74	ppb
Potassium	39-2	1945.76	1974.24	1973.57	1964.52	0.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	118.06	189.98	168.30	158.78	23.23	ppb
Selenium	78-2	207.44	223.25	205.98	212.22	4.51	ppb
Selenium	82-1	200.63	200.03	201.90	200.86	0.47	ppb
Silicon	28-1	432.97	435.00	439.02	435.66	0.71	ppb
Silver	109-1	99.16	100.41	101.67	100.41	1.25	ppb
Silver	107-1	100.13	101.81	102.71	101.55	1.29	ppb
Sodium	23-2	2053.33	2084.14	2076.98	2071.48	0.78	ppb
Strontium	86-1	474.94	474.39	481.42	476.92	0.82	ppb
Strontium	88-1	478.72	476.08	484.83	479.88	0.94	ppb
Sulfur	34-1	-1032.07	-1266.24	-1202.87	-1167.06		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	197.78	200.96	199.15	199.30	0.80	ppb
Thallium	205-1	201.84	205.45	203.13	203.48	0.90	ppb
Tin	118-1	484.10	496.27	492.97	491.11	1.28	ppb
Titanium	47-1	476.80	476.88	482.25	478.65	0.65	ppb
Uranium	238-1	507.82	508.91	511.02	509.25	0.32	ppb
Vanadium	51-2	93.56	94.47	93.25	93.76	0.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	195.42	193.22	197.25	195.30	1.03	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:50:02	DataFile Name :	012ICV01_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	474.82	477.37	474.05	475.41	0.37	ppb
Zirconium	91-1	486.53	478.00	485.82	483.45	0.98	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:57:09	DataFile Name :	013CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.05	2.12	0.66	192.02	ppb
Antimony	121-1	0.44	0.62	0.71	0.59	23.34	ppb
Arsenic	75-2	0.11	0.11	0.11	0.11	0.81	ppb
Barium	135-1	0.02	0.04	0.03	0.03	22.59	ppb
Barium	137-1	0.03	0.02	0.02	0.02	31.81	ppb
Beryllium	9-1	0.07	0.01	0.03	0.04	91.57	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	9.60	9.47	9.44	9.50	0.89	ppb
Boron	11-1	9.06	9.00	8.62	8.89	2.67	ppb
Cadmium	111-1	-0.05	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-0.98	-0.63	-0.66	-0.75		ppb
Cadmium	108-1	-0.01	-0.01	-0.10	-0.04		ppb
Calcium	43-1	-8.52	-3.24	-5.24	-5.67		ppb
Calcium	44-1	9.75	7.49	11.15	9.46	19.54	ppb
Chromium	52-2	-0.04	0.00	0.08	0.01	488.22	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.07	-0.01	0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	1.07	1.19	0.96	1.07	10.82	ppb
Iron	57-2	0.08	-2.10	-0.83	-0.95		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.04	0.04	20.33	ppb
Lead	207-1	0.03	0.04	0.05	0.04	28.36	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.33	3.86	2.45	2.21	80.26	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:57:09	DataFile Name :	013CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.03	0.01	-0.01		ppb
Molybdenum	94-1	0.36	0.44	0.61	0.47	26.68	ppb
Molybdenum	95-1	0.37	0.54	0.62	0.51	25.51	ppb
Molybdenum	96-1	0.38	0.55	0.60	0.51	22.66	ppb
Molybdenum	97-1	0.31	0.51	0.67	0.50	36.27	ppb
Molybdenum	98-1	0.37	0.52	0.60	0.50	23.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.02	-0.02		ppb
Phosphorus	31-2	-5.37	-5.37	26.25	5.17	353.36	ppb
Potassium	39-2	3.43	16.37	16.58	12.13	62.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.05	1.07	0.42	0.85	43.56	ppb
Selenium	82-1	0.48	1.01	0.40	0.63	52.83	ppb
Silicon	28-1	-14.81	-14.94	-14.34	-14.70		ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.01	ppb
Silver	107-1	0.00	0.00	0.01	0.00	9.09	ppb
Sodium	23-2	54.81	54.40	58.05	55.75	3.59	ppb
Strontium	86-1	0.00	0.03	-0.02	0.00	1281.72	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	61.06	ppb
Sulfur	34-1	-973.73	-923.60	-759.37	-885.57		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.09	0.07	0.08	11.26	ppb
Thallium	205-1	0.08	0.09	0.08	0.09	7.17	ppb
Tin	118-1	0.15	0.21	0.22	0.19	19.77	ppb
Titanium	47-1	0.06	0.05	0.03	0.05	34.27	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	28.26	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.01	-0.01	-0.11	-0.04		ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:57:09	DataFile Name :	013CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.05	0.06	0.06	9.42	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	9.37	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:00:29	DataFile Name :	014ICSA01_P8050418-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91514.71	91285.50	92196.90	91665.70	0.52	ppb
Antimony	121-1	1.47	1.46	1.64	1.52	6.68	ppb
Arsenic	75-2	0.26	0.44	0.33	0.34	27.74	ppb
Barium	135-1	1.70	1.77	1.53	1.67	7.41	ppb
Barium	137-1	1.59	1.57	1.52	1.56	2.37	ppb
Beryllium	9-1	0.29	0.36	0.27	0.31	15.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	9.54	9.66	10.09	9.77	2.97	ppb
Boron	11-1	9.12	8.74	8.60	8.82	3.07	ppb
Cadmium	111-1	0.21	0.18	0.30	0.23	27.66	ppb
Cadmium	106-1	-1.78	-1.67	-1.06	-1.50		ppb
Cadmium	108-1	9.24	9.90	9.69	9.61	3.52	ppb
Calcium	43-1	96964.72	96202.94	96084.16	96417.27	0.50	ppb
Calcium	44-1	95058.34	95543.88	95295.30	95299.17	0.25	ppb
Chromium	52-2	19.28	19.57	19.29	19.38	0.86	ppb
Cobalt	59-2	1.10	1.08	1.14	1.11	2.60	ppb
Copper	63-2	7.51	7.35	7.56	7.48	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	98636.25	97660.44	98028.20	98108.30	0.50	ppb
Iron	57-2	99548.92	98914.83	100031.83	99498.52	0.56	ppb
Krypton	83-1						cps
Lead	206-1	4.90	4.72	4.72	4.78	2.10	ppb
Lead	207-1	4.22	4.14	4.08	4.14	1.76	ppb
Lead	208-1	4.52	4.40	4.38	4.44	1.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	100987.25	102124.36	101954.03	101688.55	0.60	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:00:29	DataFile Name :	014ICSA01_P8050418-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.89	7.27	7.60	7.59	4.10	ppb
Molybdenum	94-1	1358.05	1370.14	1344.24	1357.47	0.95	ppb
Molybdenum	95-1	1912.37	1931.29	1933.70	1925.79	0.61	ppb
Molybdenum	96-1	1848.51	1859.42	1849.60	1852.51	0.32	ppb
Molybdenum	97-1	1948.79	1949.35	1941.85	1946.67	0.21	ppb
Molybdenum	98-1	1928.41	1941.74	1939.50	1936.55	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.01	5.41	5.25	4.02	ppb
Phosphorus	31-2	98642.10	96522.98	98385.36	97850.14	1.18	ppb
Potassium	39-2	101831.81	101143.45	103248.85	102074.70	1.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	4.15	0.00	0.00	1.38	173.21	ppb
Selenium	78-2	0.42	0.42	1.05	0.63	57.79	ppb
Selenium	82-1	0.91	1.20	-0.02	0.70	91.96	ppb
Silicon	28-1	30.49	30.43	31.40	30.78	1.77	ppb
Silver	109-1	0.03	0.06	0.05	0.05	32.66	ppb
Silver	107-1	0.04	0.05	0.06	0.05	21.73	ppb
Sodium	23-2	103280.32	102322.93	103089.53	102897.59	0.49	ppb
Strontium	86-1	33.70	34.25	33.63	33.86	1.00	ppb
Strontium	88-1	34.17	34.22	33.94	34.11	0.44	ppb
Sulfur	34-1	88737.07	88579.85	89085.68	88800.87	0.29	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.18	0.21	0.18	11.88	ppb
Thallium	205-1	0.14	0.17	0.20	0.17	16.05	ppb
Tin	118-1	0.28	0.23	0.30	0.27	14.16	ppb
Titanium	47-1	2047.18	2055.74	2015.66	2039.53	1.03	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	28.93	ppb
Vanadium	51-2	0.15	0.06	0.12	0.11	39.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	11.40	10.51	11.63	11.18	5.27	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:00:29	DataFile Name :	014ICSA01_P8050418-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.44	0.37	0.43	13.23	ppb
Zirconium	91-1	0.44	0.45	0.40	0.43	5.94	ppb

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-04 16:03:45 DataFile Name : 015ICSB_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88963.61	91732.57	90647.40	90447.86	1.54	ppb
Antimony	121-1	21.67	21.81	22.95	22.14	3.17	ppb
Arsenic	75-2	19.54	20.49	19.93	19.99	2.41	ppb
Barium	135-1	22.36	22.64	23.45	22.82	2.49	ppb
Barium	137-1	22.61	22.37	23.24	22.74	1.96	ppb
Beryllium	9-1	18.96	18.74	19.89	19.20	3.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	10-1	58.35	56.88	62.39	59.21	4.82	ppb
Boron	11-1	58.55	59.46	61.25	59.75	2.30	ppb
Cadmium	111-1	20.75	20.52	21.77	21.01	3.16	ppb
Cadmium	106-1	23.43	22.10	23.73	23.09	3.75	ppb
Cadmium	108-1	30.88	30.49	31.77	31.05	2.11	ppb
Calcium	43-1	96502.82	96414.74	103002.35	98639.97	3.83	ppb
Calcium	44-1	95477.00	94766.19	101588.81	97277.34	3.86	ppb
Chromium	52-2	38.72	40.14	39.29	39.38	1.81	ppb
Cobalt	59-2	19.85	20.15	20.29	20.10	1.13	ppb
Copper	63-2	25.86	26.56	26.21	26.21	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	96065.45	98344.16	97589.24	97332.95	1.19	ppb
Iron	57-2	96683.85	99542.57	99216.69	98481.04	1.59	ppb
Krypton	83-1						cps
Lead	206-1	25.37	25.14	26.91	25.81	3.73	ppb
Lead	207-1	23.11	22.93	24.19	23.41	2.90	ppb
Lead	208-1	24.04	23.72	25.39	24.38	3.62	ppb
Lithium	6-1				107		%
Magnesium	24-2	98716.97	102784.84	100302.17	100601.33	2.04	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:03:45	DataFile Name :	015ICSB_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.30	27.11	27.47	26.96	2.22	ppb
Molybdenum	94-1	1441.79	1457.32	1535.34	1478.15	3.39	ppb
Molybdenum	95-1	1960.29	1986.87	2093.22	2013.46	3.49	ppb
Molybdenum	96-1	1877.79	1915.36	2008.03	1933.73	3.47	ppb
Molybdenum	97-1	1965.01	2003.30	2111.51	2026.61	3.75	ppb
Molybdenum	98-1	1960.31	1994.92	2113.95	2023.06	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.47	24.13	25.56	24.72	3.03	ppb
Phosphorus	31-2	95439.08	99013.02	97233.27	97228.46	1.84	ppb
Potassium	39-2	100524.86	102038.65	101112.59	101225.37	0.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	33.05	28.74	29.05	30.28	7.95	ppb
Selenium	78-2	15.15	19.51	19.08	17.91	13.43	ppb
Selenium	82-1	19.94	20.78	19.96	20.23	2.36	ppb
Silicon	28-1	72.44	75.32	103.63	83.79	20.57	ppb
Silver	109-1	19.49	19.64	20.87	20.00	3.79	ppb
Silver	107-1	19.77	19.55	20.67	20.00	2.98	ppb
Sodium	23-2	99363.13	103224.00	100766.50	101117.88	1.93	ppb
Strontium	86-1	81.22	83.03	87.50	83.92	3.86	ppb
Strontium	88-1	84.01	85.17	90.12	86.43	3.75	ppb
Sulfur	34-1	87961.04	89410.05	95230.33	90867.14	4.23	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	20.62	20.65	22.18	21.15	4.20	ppb
Thallium	205-1	20.77	20.87	21.99	21.21	3.20	ppb
Tin	118-1	50.74	50.34	53.71	51.60	3.56	ppb
Titanium	47-1	2092.22	2060.02	2223.77	2125.34	4.08	ppb
Uranium	238-1	48.66	49.21	51.83	49.90	3.39	ppb
Vanadium	51-2	18.22	19.48	19.67	19.12	4.11	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	29.74	30.77	30.26	30.26	1.70	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:03:45	DataFile Name :	015ICSB_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.83	48.85	51.52	49.40	3.86	ppb
Zirconium	91-1	47.82	48.77	50.97	49.19	3.29	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:18:56	DataFile Name :	017CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51074.52	50646.89	50554.48	50758.63	0.55	ppb
Antimony	121-1	521.32	536.27	530.68	529.42	1.43	ppb
Arsenic	75-2	496.43	495.27	498.66	496.79	0.35	ppb
Barium	135-1	2612.63	2700.36	2678.52	2663.84	1.71	ppb
Barium	137-1	2582.60	2684.63	2622.49	2629.90	1.96	ppb
Beryllium	9-1	516.60	506.27	507.93	510.27	1.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	499.98	509.20	524.85	511.34	2.46	ppb
Boron	11-1	503.84	508.99	520.10	510.98	1.63	ppb
Cadmium	111-1	511.61	517.93	509.62	513.05	0.85	ppb
Cadmium	106-1	525.22	517.82	533.64	525.56	1.51	ppb
Cadmium	108-1	521.96	524.21	511.23	519.14	1.34	ppb
Calcium	43-1	244611.34	241023.28	246242.78	243959.13	1.09	ppb
Calcium	44-1	245407.89	243277.96	243181.38	243955.74	0.52	ppb
Chromium	52-2	496.76	493.73	496.27	495.59	0.33	ppb
Cobalt	59-2	468.13	460.87	466.89	465.30	0.84	ppb
Copper	63-2	916.00	892.33	936.88	915.07	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	120377.00	119113.02	119017.98	119502.66	0.63	ppb
Iron	57-2	121124.02	118346.04	121362.80	120277.62	1.39	ppb
Krypton	83-1						cps
Lead	206-1	513.96	520.88	520.18	518.34	0.73	ppb
Lead	207-1	525.17	513.53	514.71	517.81	1.24	ppb
Lead	208-1	524.69	521.43	522.08	522.73	0.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	249283.87	250061.99	248378.24	249241.36	0.34	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:18:56	DataFile Name :	017CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.59	972.85	980.07	977.84	0.44	ppb
Molybdenum	94-1	2526.87	2545.65	2542.66	2538.40	0.40	ppb
Molybdenum	95-1	2512.90	2536.56	2554.87	2534.78	0.83	ppb
Molybdenum	96-1	2532.62	2529.01	2518.95	2526.86	0.28	ppb
Molybdenum	97-1	2527.27	2531.19	2538.30	2532.25	0.22	ppb
Molybdenum	98-1	2528.82	2542.79	2537.37	2536.33	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.65	464.82	471.69	470.39	1.07	ppb
Phosphorus	31-2	10256.95	10789.06	10175.05	10407.02	3.20	ppb
Potassium	39-2	126474.07	125684.87	125987.99	126048.97	0.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	77-2	496.40	538.17	524.39	519.66	4.10	ppb
Selenium	78-2	484.74	469.30	501.48	485.17	3.32	ppb
Selenium	82-1	501.92	513.68	508.09	507.90	1.16	ppb
Silicon	28-1	554.45	564.42	569.43	562.77	1.36	ppb
Silver	109-1	547.37	552.77	535.76	545.30	1.59	ppb
Silver	107-1	548.10	550.52	540.31	546.31	0.98	ppb
Sodium	23-2	249185.83	248174.63	248571.43	248643.96	0.20	ppb
Strontium	86-1	521.86	522.48	521.95	522.10	0.06	ppb
Strontium	88-1	524.12	528.04	524.66	525.61	0.40	ppb
Sulfur	34-1	11246.00	11101.24	11294.67	11213.97	0.90	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	517.97	520.54	522.43	520.32	0.43	ppb
Thallium	205-1	524.69	515.88	521.54	520.70	0.86	ppb
Tin	118-1	535.67	537.59	539.69	537.65	0.37	ppb
Titanium	47-1	2574.16	2557.21	2572.66	2568.01	0.37	ppb
Uranium	238-1	519.50	512.63	520.13	517.42	0.80	ppb
Vanadium	51-2	486.83	485.03	484.00	485.28	0.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	948.51	932.33	931.42	937.42	1.03	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:18:56	DataFile Name :	017CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.00	510.60	512.36	510.32	0.43	ppb
Zirconium	91-1	514.11	519.92	519.32	517.78	0.62	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:24:00	DataFile Name :	018CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.26	-0.12	-2.27	-1.22		ppb
Antimony	121-1	0.87	1.10	1.30	1.09	19.67	ppb
Arsenic	75-2	0.09	0.28	0.19	0.19	50.95	ppb
Barium	135-1	0.05	0.03	0.03	0.04	27.21	ppb
Barium	137-1	0.02	0.03	0.04	0.03	30.35	ppb
Beryllium	9-1	0.07	0.06	0.06	0.07	3.56	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	11.28	11.41	10.93	11.21	2.20	ppb
Boron	11-1	12.10	11.82	11.42	11.78	2.87	ppb
Cadmium	111-1	0.06	-0.04	0.03	0.02	317.86	ppb
Cadmium	106-1	0.59	-0.84	0.08	-0.06		ppb
Cadmium	108-1	-0.04	0.05	0.05	0.02	242.18	ppb
Calcium	43-1	1.30	-2.38	-9.85	-3.64		ppb
Calcium	44-1	16.69	17.42	18.25	17.46	4.47	ppb
Chromium	52-2	0.00	0.00	0.09	0.03	164.31	ppb
Cobalt	59-2	-0.01	0.02	-0.01	0.00		ppb
Copper	63-2	0.03	0.06	0.07	0.05	41.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	1.79	2.02	2.39	2.07	14.65	ppb
Iron	57-2	3.54	1.30	0.29	1.71	97.43	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.07	0.07	11.20	ppb
Lead	207-1	0.10	0.08	0.07	0.08	17.55	ppb
Lead	208-1	0.07	0.08	0.06	0.07	11.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.46	2.32	2.00	1.93	22.69	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:24:00	DataFile Name :	018CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.03	0.00	0.01	203.03	ppb
Molybdenum	94-1	0.62	0.86	1.09	0.86	27.21	ppb
Molybdenum	95-1	0.78	0.99	1.32	1.03	26.31	ppb
Molybdenum	96-1	0.73	0.99	1.19	0.97	23.85	ppb
Molybdenum	97-1	0.74	1.11	1.21	1.02	24.58	ppb
Molybdenum	98-1	0.80	1.03	1.26	1.03	22.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.07	0.02	182.91	ppb
Phosphorus	31-2	9.63	25.66	-5.37	9.97	155.61	ppb
Potassium	39-2	5.09	9.25	14.66	9.67	49.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	4.07	0.00	0.00	1.36	173.21	ppb
Selenium	78-2	2.30	0.41	1.69	1.47	65.60	ppb
Selenium	82-1	0.79	0.07	1.04	0.63	79.19	ppb
Silicon	28-1	-14.58	-15.72	-15.90	-15.40		ppb
Silver	109-1	0.02	0.01	0.01	0.02	16.13	ppb
Silver	107-1	0.02	0.02	0.01	0.02	17.62	ppb
Sodium	23-2	62.78	64.61	61.89	63.09	2.19	ppb
Strontium	86-1	0.02	-0.02	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	87.09	ppb
Sulfur	34-1	-1298.18	-1566.94	-1459.54	-1441.55		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.14	0.16	0.15	4.58	ppb
Thallium	205-1	0.16	0.14	0.14	0.15	6.18	ppb
Tin	118-1	0.22	0.24	0.25	0.24	6.78	ppb
Titanium	47-1	0.10	0.10	0.05	0.09	32.63	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.39	ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.00	0.01	-0.07	-0.02		ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:24:00	DataFile Name :	018CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.10	0.11	0.10	7.67	ppb
Zirconium	91-1	0.10	0.12	0.11	0.11	10.11	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:27:19	DataFile Name :	019SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.39	19.02	19.76	17.73	16.42	ppb
Antimony	121-1	2.34	2.51	2.52	2.46	4.05	ppb
Arsenic	75-2	0.96	1.33	0.97	1.09	19.56	ppb
Barium	135-1	9.82	9.03	9.73	9.53	4.53	ppb
Barium	137-1	9.75	9.81	9.59	9.72	1.16	ppb
Beryllium	9-1	0.98	1.06	0.96	1.00	4.92	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	27.82	31.00	30.74	29.86	5.92	ppb
Boron	11-1	30.55	29.54	31.32	30.47	2.94	ppb
Cadmium	111-1	0.81	0.98	1.00	0.93	11.57	ppb
Cadmium	106-1	-0.31	0.48	-0.05	0.04	1045.32	ppb
Cadmium	108-1	1.29	0.88	0.99	1.05	20.03	ppb
Calcium	43-1	455.80	430.78	438.27	441.61	2.91	ppb
Calcium	44-1	475.65	460.03	461.41	465.69	1.86	ppb
Chromium	52-2	2.09	1.86	2.01	1.99	6.12	ppb
Cobalt	59-2	1.03	0.89	0.96	0.96	6.86	ppb
Copper	63-2	2.02	1.92	1.90	1.95	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	52.71	49.16	48.80	50.23	4.30	ppb
Iron	57-2	48.26	44.95	46.13	46.45	3.61	ppb
Krypton	83-1						cps
Lead	206-1	1.03	0.95	1.00	0.99	4.07	ppb
Lead	207-1	1.00	0.96	0.94	0.96	2.96	ppb
Lead	208-1	0.99	0.95	0.98	0.98	1.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	532.34	480.51	479.93	497.59	6.05	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:27:19	DataFile Name :	019SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	0.91	0.94	0.92	2.15	ppb
Molybdenum	94-1	5.15	5.35	5.39	5.30	2.49	ppb
Molybdenum	95-1	5.13	5.13	5.21	5.16	0.91	ppb
Molybdenum	96-1	5.13	5.19	5.19	5.17	0.68	ppb
Molybdenum	97-1	4.93	5.17	5.08	5.06	2.47	ppb
Molybdenum	98-1	5.04	4.86	5.02	4.97	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.00	0.95	0.97	2.86	ppb
Phosphorus	31-2	-5.37	25.54	-5.37	4.93	362.01	ppb
Potassium	39-2	547.22	491.57	488.36	509.05	6.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	4.27	4.11	0.00	2.80	86.65	ppb
Selenium	78-2	7.73	6.80	4.91	6.48	22.19	ppb
Selenium	82-1	5.34	5.48	5.23	5.35	2.37	ppb
Silicon	28-1	3.21	1.04	1.03	1.76	71.30	ppb
Silver	109-1	1.08	1.02	1.06	1.05	2.96	ppb
Silver	107-1	1.02	1.07	1.00	1.03	3.72	ppb
Sodium	23-2	570.92	537.94	540.37	549.75	3.34	ppb
Strontium	86-1	0.89	0.91	0.94	0.91	2.46	ppb
Strontium	88-1	1.01	0.98	0.99	0.99	1.19	ppb
Sulfur	34-1	-831.44	-1192.12	-1061.34	-1028.30		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.07	1.08	1.02	1.06	2.67	ppb
Thallium	205-1	1.12	1.07	1.00	1.07	5.64	ppb
Tin	118-1	5.03	5.16	4.97	5.05	1.95	ppb
Titanium	47-1	4.78	4.69	5.14	4.87	4.96	ppb
Uranium	238-1	0.87	0.92	0.90	0.90	2.82	ppb
Vanadium	51-2	4.80	4.55	4.75	4.70	2.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	2.01	2.34	1.76	2.04	14.42	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:27:19	DataFile Name :	019SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.22	1.14	1.11	1.16	4.78	ppb
Zirconium	91-1	1.07	1.10	1.13	1.10	3.05	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-01	Instrumnet Name :	P8
Client Sample ID :	MX2C75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:30:39	DataFile Name :	020SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	656.31	575.59	647.25	626.38	7.06	ppb
Antimony	121-1	169.13	177.24	170.79	172.39	2.48	ppb
Arsenic	75-2	44.39	43.38	44.08	43.95	1.17	ppb
Barium	135-1	410.38	424.74	414.20	416.44	1.79	ppb
Barium	137-1	407.56	420.80	412.57	413.64	1.62	ppb
Beryllium	9-1	9.75	10.59	10.29	10.21	4.15	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	7.05	8.07	6.38	7.17	11.91	ppb
Boron	11-1	7.87	7.85	7.31	7.67	4.15	ppb
Cadmium	111-1	20.13	21.15	20.47	20.59	2.53	ppb
Cadmium	106-1	16.25	21.01	17.06	18.11	14.08	ppb
Cadmium	108-1	18.83	20.32	20.76	19.97	5.07	ppb
Calcium	43-1	9685.06	9987.95	9774.18	9815.73	1.59	ppb
Calcium	44-1	9752.35	10097.65	9965.81	9938.60	1.75	ppb
Chromium	52-2	34.17	33.82	33.51	33.83	0.97	ppb
Cobalt	59-2	526.19	512.09	511.97	516.75	1.58	ppb
Copper	63-2	243.11	237.14	234.70	238.32	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	1111.57	1085.71	1070.48	1089.26	1.91	ppb
Iron	57-2	1127.94	1113.69	1056.20	1099.28	3.46	ppb
Krypton	83-1						cps
Lead	206-1	50.43	53.77	51.36	51.85	3.32	ppb
Lead	207-1	44.91	48.40	46.50	46.61	3.75	ppb
Lead	208-1	47.90	50.90	49.20	49.33	3.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	8153.99	7862.99	7822.79	7946.59	2.27	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-01	Instrumnet Name :	P8
Client Sample ID :	MX2C75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:30:39	DataFile Name :	020SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	45.04	43.23	43.66	43.98	2.15	ppb
Molybdenum	94-1	0.34	0.42	0.42	0.40	11.52	ppb
Molybdenum	95-1	0.22	0.30	0.33	0.29	21.15	ppb
Molybdenum	96-1	0.22	0.28	0.38	0.29	27.16	ppb
Molybdenum	97-1	0.19	0.33	0.30	0.28	27.22	ppb
Molybdenum	98-1	0.22	0.26	0.38	0.29	29.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.96	85.42	82.56	84.98	2.63	ppb
Phosphorus	31-2	-5.37	9.71	-5.37	-0.35		ppb
Potassium	39-2	10336.33	10145.94	10059.66	10180.65	1.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	41.26	48.49	65.26	51.67	23.83	ppb
Selenium	78-2	61.84	61.17	68.71	63.91	6.53	ppb
Selenium	82-1	59.02	61.45	58.20	59.56	2.85	ppb
Silicon	28-1	-7.95	-4.96	-6.46	-6.45		ppb
Silver	109-1	25.77	26.72	26.19	26.22	1.81	ppb
Silver	107-1	25.80	27.44	26.70	26.65	3.09	ppb
Sodium	23-2	9569.57	9234.40	9263.29	9355.76	1.99	ppb
Strontium	86-1	0.31	0.43	0.31	0.35	19.62	ppb
Strontium	88-1	0.37	0.38	0.37	0.37	1.60	ppb
Sulfur	34-1	-954.71	-705.12	-836.06	-831.96		ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	78.86	82.99	80.65	80.83	2.57	ppb
Thallium	205-1	79.87	84.09	81.18	81.71	2.65	ppb
Tin	118-1	0.06	0.09	0.08	0.07	21.53	ppb
Titanium	47-1	0.15	0.15	0.12	0.14	10.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.65	ppb
Vanadium	51-2	191.49	186.63	185.41	187.84	1.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	142.67	133.97	136.19	137.61	3.29	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-01	Instrumnet Name :	P8
Client Sample ID :	MX2C75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:30:39	DataFile Name :	020SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.11	0.11	0.11	5.63	ppb
Zirconium	91-1	0.09	0.10	0.13	0.11	19.72	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 16:37:13	DataFile Name :	021SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	273.93	276.60	267.72	272.75	1.67	ppb
Antimony	121-1	47.44	46.55	48.60	47.53	2.16	ppb
Arsenic	75-2	53.22	56.71	52.88	54.27	3.91	ppb
Barium	135-1	263.81	257.69	265.45	262.32	1.56	ppb
Barium	137-1	260.71	258.72	263.16	260.87	0.85	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	11.67	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	7.45	7.65	6.40	7.17	9.31	ppb
Boron	11-1	7.01	6.86	6.87	6.91	1.20	ppb
Cadmium	111-1	6.10	6.37	6.00	6.16	3.14	ppb
Cadmium	106-1	5.48	6.65	5.21	5.78	13.20	ppb
Cadmium	108-1	5.90	6.60	6.46	6.32	5.85	ppb
Calcium	43-1	4597.86	4657.90	4735.35	4663.70	1.48	ppb
Calcium	44-1	4804.72	4824.34	4866.57	4831.88	0.65	ppb
Chromium	52-2	2.12	2.00	1.93	2.02	4.79	ppb
Cobalt	59-2	83.80	89.64	82.14	85.20	4.62	ppb
Copper	63-2	7.68	8.76	7.84	8.09	7.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	2342.61	2442.78	2264.33	2349.90	3.81	ppb
Iron	57-2	2242.69	2378.75	2225.25	2282.23	3.68	ppb
Krypton	83-1						cps
Lead	206-1	28.42	28.83	29.06	28.77	1.13	ppb
Lead	207-1	25.89	25.93	26.29	26.03	0.85	ppb
Lead	208-1	27.02	27.28	27.50	27.27	0.88	ppb
Lithium	6-1				125		%
Magnesium	24-2	92.25	92.94	81.56	88.92	7.17	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 16:37:13	DataFile Name :	021SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.05	24.60	23.20	23.95	2.95	ppb
Molybdenum	94-1	3.44	3.53	3.84	3.60	5.84	ppb
Molybdenum	95-1	0.28	0.35	0.43	0.35	20.78	ppb
Molybdenum	96-1	0.61	0.64	0.74	0.67	10.37	ppb
Molybdenum	97-1	0.29	0.29	0.43	0.34	24.09	ppb
Molybdenum	98-1	0.24	0.31	0.44	0.33	30.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.61	79.64	73.55	76.27	4.06	ppb
Phosphorus	31-2	26.59	11.70	26.25	21.51	39.51	ppb
Potassium	39-2	250.29	221.23	239.30	236.94	6.19	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	4.46	9.59	17.74	10.60	63.17	ppb
Selenium	78-2	10.17	13.89	10.78	11.61	17.18	ppb
Selenium	82-1	8.23	9.89	9.29	9.14	9.20	ppb
Silicon	28-1	295.09	300.91	298.09	298.03	0.98	ppb
Silver	109-1	61.04	60.06	61.67	60.92	1.33	ppb
Silver	107-1	61.05	60.77	61.21	61.01	0.37	ppb
Sodium	23-2	216.71	239.64	209.65	222.00	7.06	ppb
Strontium	86-1	5.65	5.37	5.34	5.45	3.09	ppb
Strontium	88-1	5.62	5.51	5.50	5.54	1.14	ppb
Sulfur	34-1	-530.63	-601.12	-597.15	-576.30		ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	14.19	14.19	14.57	14.32	1.52	ppb
Thallium	205-1	14.14	14.26	14.62	14.34	1.73	ppb
Tin	118-1	0.72	0.77	0.80	0.77	5.36	ppb
Titanium	47-1	2.63	2.85	2.64	2.70	4.59	ppb
Uranium	238-1	0.09	0.08	0.07	0.08	8.25	ppb
Vanadium	51-2	84.58	90.26	82.38	85.74	4.74	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	5.42	5.34	4.64	5.13	8.29	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 16:37:13	DataFile Name :	021SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.08	1.98	2.09	2.05	3.02	ppb
Zirconium	91-1	2.09	2.09	2.04	2.07	1.50	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:41:35	DataFile Name :	022SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1389.03	1295.89	1275.76	1320.23	4.58	ppb
Antimony	121-1	233.69	231.39	232.36	232.48	0.50	ppb
Arsenic	75-2	267.62	265.51	265.89	266.34	0.42	ppb
Barium	135-1	1309.88	1294.22	1304.15	1302.75	0.61	ppb
Barium	137-1	1309.60	1286.06	1294.84	1296.83	0.92	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	2.03	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Boron	10-1	9.60	8.08	8.54	8.74	8.89	ppb
Boron	11-1	7.91	7.81	7.82	7.85	0.74	ppb
Cadmium	111-1	28.84	28.82	29.41	29.02	1.15	ppb
Cadmium	106-1	24.61	25.98	26.82	25.81	4.33	ppb
Cadmium	108-1	28.07	27.80	27.18	27.68	1.64	ppb
Calcium	43-1	23510.51	23867.77	23696.03	23691.44	0.75	ppb
Calcium	44-1	23503.83	23699.48	23596.02	23599.78	0.41	ppb
Chromium	52-2	13.30	12.01	12.46	12.59	5.21	ppb
Cobalt	59-2	447.34	443.03	444.12	444.83	0.50	ppb
Copper	63-2	42.25	41.81	41.97	42.01	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	11956.79	11669.39	11812.41	11812.86	1.22	ppb
Iron	57-2	11770.24	11612.03	11578.72	11653.66	0.88	ppb
Krypton	83-1						cps
Lead	206-1	130.68	135.91	136.35	134.31	2.35	ppb
Lead	207-1	119.23	121.51	122.61	121.12	1.43	ppb
Lead	208-1	125.99	129.14	129.87	128.33	1.61	ppb
Lithium	6-1				220		%
Magnesium	24-2	446.83	424.15	426.08	432.35	2.91	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:41:35	DataFile Name :	022SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	121.25	121.49	120.68	121.14	0.35	ppb
Molybdenum	94-1	16.29	16.41	16.48	16.39	0.60	ppb
Molybdenum	95-1	0.55	0.69	0.74	0.66	14.40	ppb
Molybdenum	96-1	3.26	2.67	2.72	2.88	11.32	ppb
Molybdenum	97-1	0.60	0.76	0.82	0.73	15.40	ppb
Molybdenum	98-1	0.59	0.69	0.78	0.69	13.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	399.84	397.10	396.02	397.65	0.50	ppb
Phosphorus	31-2	32.32	13.30	-5.37	13.41	140.51	ppb
Potassium	39-2	736.45	674.34	661.30	690.69	5.81	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	77-2	50.09	70.50	55.38	58.65	18.05	ppb
Selenium	78-2	42.50	46.62	34.90	41.34	14.38	ppb
Selenium	82-1	41.19	40.79	42.24	41.41	1.81	ppb
Silicon	28-1	1483.51	1451.46	1427.66	1454.21	1.93	ppb
Silver	109-1	304.09	293.92	292.55	296.85	2.12	ppb
Silver	107-1	302.99	299.61	296.64	299.75	1.06	ppb
Sodium	23-2	563.46	524.20	527.60	538.42	4.04	ppb
Strontium	86-1	26.88	27.51	27.78	27.39	1.68	ppb
Strontium	88-1	26.98	27.32	27.56	27.29	1.08	ppb
Sulfur	34-1	-712.27	-942.79	-1452.99	-1036.01		ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	65.44	66.73	67.31	66.49	1.44	ppb
Thallium	205-1	65.80	67.65	67.89	67.11	1.71	ppb
Tin	118-1	5.22	4.81	4.95	4.99	4.08	ppb
Titanium	47-1	13.04	14.18	14.11	13.78	4.66	ppb
Uranium	238-1	0.23	0.22	0.24	0.23	4.99	ppb
Vanadium	51-2	436.14	428.97	430.18	431.76	0.89	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	25.37	25.75	25.22	25.45	1.07	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:41:35	DataFile Name :	022SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	14.68	11.68	10.59	12.32	17.22	ppb
Zirconium	91-1	10.79	10.69	10.27	10.58	2.61	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DL2X10	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 16:47:02	DataFile Name :	023SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143.22	132.32	134.44	136.66	4.23	ppb
Antimony	121-1	22.67	22.68	24.97	23.44	5.64	ppb
Arsenic	75-2	26.30	25.96	26.63	26.30	1.26	ppb
Barium	135-1	127.44	127.24	136.93	130.53	4.24	ppb
Barium	137-1	125.54	126.03	135.19	128.92	4.21	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	32.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	4.21	5.03	5.35	4.87	12.06	ppb
Boron	11-1	4.21	4.48	5.08	4.59	9.68	ppb
Cadmium	111-1	2.88	2.81	2.82	2.84	1.36	ppb
Cadmium	106-1	1.38	-0.20	0.80	0.66	120.97	ppb
Cadmium	108-1	2.71	2.57	2.66	2.65	2.71	ppb
Calcium	43-1	2362.15	2346.87	2511.27	2406.76	3.77	ppb
Calcium	44-1	2378.80	2367.94	2535.36	2427.37	3.86	ppb
Chromium	52-2	0.85	0.85	0.91	0.87	4.28	ppb
Cobalt	59-2	44.39	43.76	43.53	43.89	1.01	ppb
Copper	63-2	4.42	4.53	4.43	4.46	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	1165.73	1152.51	1141.93	1153.39	1.03	ppb
Iron	57-2	1160.30	1150.74	1178.17	1163.07	1.20	ppb
Krypton	83-1						cps
Lead	206-1	13.97	14.48	15.37	14.61	4.84	ppb
Lead	207-1	12.66	12.87	13.91	13.14	5.10	ppb
Lead	208-1	13.37	13.58	14.61	13.85	4.78	ppb
Lithium	6-1				113		%
Magnesium	24-2	40.08	46.37	37.57	41.34	10.96	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DL2X10	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 16:47:02	DataFile Name :	023SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.64	11.73	12.63	12.33	4.25	ppb
Molybdenum	94-1	1.64	1.69	1.80	1.71	4.89	ppb
Molybdenum	95-1	0.13	0.16	0.19	0.16	19.22	ppb
Molybdenum	96-1	0.30	0.30	0.38	0.33	13.70	ppb
Molybdenum	97-1	0.13	0.23	0.26	0.20	32.66	ppb
Molybdenum	98-1	0.13	0.15	0.18	0.15	17.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.19	39.54	38.70	39.14	1.07	ppb
Phosphorus	31-2	11.92	63.17	28.84	34.64	75.37	ppb
Potassium	39-2	99.72	78.62	94.71	91.02	12.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	18.55	18.43	4.62	13.87	57.75	ppb
Selenium	78-2	1.94	4.78	4.08	3.60	41.15	ppb
Selenium	82-1	4.18	4.49	3.96	4.21	6.43	ppb
Silicon	28-1	129.61	128.45	144.70	134.25	6.76	ppb
Silver	109-1	28.36	28.97	30.65	29.33	4.04	ppb
Silver	107-1	28.70	29.12	30.87	29.57	3.89	ppb
Sodium	23-2	107.60	115.58	103.74	108.97	5.54	ppb
Strontium	86-1	2.74	2.74	2.90	2.79	3.38	ppb
Strontium	88-1	2.72	2.76	2.92	2.80	3.76	ppb
Sulfur	34-1	-1437.70	-1527.89	-379.55	-1115.05		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	6.81	6.85	7.44	7.03	5.04	ppb
Thallium	205-1	6.87	7.01	7.34	7.08	3.43	ppb
Tin	118-1	0.31	0.27	0.32	0.30	9.65	ppb
Titanium	47-1	1.22	1.40	1.27	1.30	7.16	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	15.68	ppb
Vanadium	51-2	44.16	43.19	42.80	43.38	1.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	2.77	2.48	2.92	2.72	8.19	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DL2X10	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 16:47:02	DataFile Name :	023SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.06	0.97	1.07	1.03	5.23	ppb
Zirconium	91-1	1.02	1.00	1.16	1.06	8.25	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:53:49	DataFile Name :	024CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50877.71	50119.54	51887.68	50961.64	1.74	ppb
Antimony	121-1	509.19	518.36	502.89	510.15	1.53	ppb
Arsenic	75-2	499.71	490.85	504.29	498.28	1.37	ppb
Barium	135-1	2598.56	2626.67	2559.64	2594.96	1.30	ppb
Barium	137-1	2570.69	2593.91	2510.56	2558.39	1.68	ppb
Beryllium	9-1	532.47	534.07	521.50	529.35	1.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	513.36	541.08	525.20	526.54	2.64	ppb
Boron	11-1	507.57	526.72	520.87	518.39	1.89	ppb
Cadmium	111-1	498.31	497.59	489.56	495.15	0.98	ppb
Cadmium	106-1	500.24	505.07	499.41	501.58	0.61	ppb
Cadmium	108-1	498.96	499.00	487.78	495.24	1.31	ppb
Calcium	43-1	242955.12	247496.82	240307.94	243586.63	1.49	ppb
Calcium	44-1	244304.86	249692.00	242421.81	245472.89	1.54	ppb
Chromium	52-2	511.57	499.90	519.38	510.28	1.92	ppb
Cobalt	59-2	487.41	479.22	497.15	487.93	1.84	ppb
Copper	63-2	974.26	967.00	994.51	978.59	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	123229.32	121023.22	123958.02	122736.85	1.25	ppb
Iron	57-2	123419.25	123157.26	127375.44	124650.65	1.90	ppb
Krypton	83-1						cps
Lead	206-1	528.76	540.57	522.07	530.46	1.77	ppb
Lead	207-1	528.68	533.77	515.28	525.91	1.82	ppb
Lead	208-1	525.92	543.25	519.62	529.59	2.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	257851.84	253297.68	260826.54	257325.35	1.47	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:53:49	DataFile Name :	024CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.07	966.59	1009.35	986.67	2.18	ppb
Molybdenum	94-1	2565.81	2620.59	2469.53	2551.98	3.00	ppb
Molybdenum	95-1	2584.78	2600.61	2455.51	2546.97	3.13	ppb
Molybdenum	96-1	2556.81	2609.80	2430.58	2532.39	3.64	ppb
Molybdenum	97-1	2594.41	2657.27	2482.74	2578.14	3.43	ppb
Molybdenum	98-1	2575.45	2615.24	2491.45	2560.71	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.37	486.69	502.87	494.65	1.64	ppb
Phosphorus	31-2	10435.73	10240.12	9505.85	10060.57	4.87	ppb
Potassium	39-2	127228.60	124711.39	128208.72	126716.24	1.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	527.51	532.34	445.10	501.65	9.77	ppb
Selenium	78-2	475.77	518.13	480.85	491.58	4.71	ppb
Selenium	82-1	503.06	516.33	486.14	501.84	3.01	ppb
Silicon	28-1	524.89	558.32	541.59	541.60	3.09	ppb
Silver	109-1	526.08	527.74	510.56	521.46	1.82	ppb
Silver	107-1	525.21	528.89	512.61	522.24	1.64	ppb
Sodium	23-2	259477.76	254504.20	261266.35	258416.10	1.36	ppb
Strontium	86-1	525.20	534.54	512.57	524.10	2.10	ppb
Strontium	88-1	531.53	539.54	510.71	527.26	2.82	ppb
Sulfur	34-1	10955.62	11501.09	10513.91	10990.21	4.50	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	526.53	543.07	515.32	528.31	2.64	ppb
Thallium	205-1	518.21	535.77	514.25	522.74	2.19	ppb
Tin	118-1	524.76	524.06	508.73	519.18	1.74	ppb
Titanium	47-1	2573.41	2646.43	2536.97	2585.60	2.16	ppb
Uranium	238-1	530.63	542.65	515.27	529.52	2.59	ppb
Vanadium	51-2	505.81	493.26	510.24	503.11	1.75	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	962.97	958.89	981.44	967.77	1.24	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:53:49	DataFile Name :	024CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.34	517.78	497.42	510.18	2.18	ppb
Zirconium	91-1	525.79	529.03	502.61	519.14	2.78	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:07:03	DataFile Name :	025CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	2.18	-1.08	0.72	231.00	ppb
Antimony	121-1	0.35	0.47	0.51	0.44	18.24	ppb
Arsenic	75-2	0.16	0.13	0.20	0.16	19.20	ppb
Barium	135-1	0.00	0.01	0.00	0.01	79.13	ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.03	0.05	0.06	0.04	34.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	4.63	4.85	4.36	4.61	5.30	ppb
Boron	11-1	3.76	4.30	4.12	4.06	6.75	ppb
Cadmium	111-1	-0.17	-0.07	-0.14	-0.13		ppb
Cadmium	106-1	-2.58	-1.06	-2.07	-1.90		ppb
Cadmium	108-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	-11.32	-9.05	-0.99	-7.12		ppb
Calcium	44-1	-0.13	2.13	3.79	1.93	102.01	ppb
Chromium	52-2	-0.06	-0.01	0.02	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.08	0.12	0.09	0.10	18.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	0.50	0.71	0.70	0.64	18.78	ppb
Iron	57-2	0.47	-0.14	1.26	0.53	131.67	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	16.78	ppb
Lead	207-1	0.09	0.04	0.06	0.06	37.80	ppb
Lead	208-1	0.07	0.06	0.05	0.06	11.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.02	2.30	1.94	2.09	8.93	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:07:03	DataFile Name :	025CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.05	0.02	159.44	ppb
Molybdenum	94-1	0.25	0.43	0.52	0.40	33.47	ppb
Molybdenum	95-1	0.31	0.42	0.55	0.43	28.82	ppb
Molybdenum	96-1	0.32	0.41	0.56	0.43	28.46	ppb
Molybdenum	97-1	0.28	0.41	0.57	0.42	34.08	ppb
Molybdenum	98-1	0.26	0.47	0.60	0.44	38.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.01	0.02	0.02	181.35	ppb
Phosphorus	31-2	-5.37	10.62	10.92	5.39	172.97	ppb
Potassium	39-2	-0.73	9.25	23.66	10.72	114.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.00	4.31	0.00	1.44	173.21	ppb
Selenium	78-2	1.10	1.11	1.09	1.10	0.92	ppb
Selenium	82-1	0.94	0.62	0.61	0.72	25.83	ppb
Silicon	28-1	-20.86	-19.93	-20.12	-20.30		ppb
Silver	109-1	0.02	0.03	0.03	0.03	19.92	ppb
Silver	107-1	0.03	0.02	0.01	0.02	45.29	ppb
Sodium	23-2	21.70	21.53	23.26	22.16	4.30	ppb
Strontium	86-1	-0.06	-0.04	-0.05	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	265.24	ppb
Sulfur	34-1	-1424.04	-1084.60	-1092.06	-1200.23		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.07	0.07	0.07	12.50	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	6.78	ppb
Tin	118-1	0.04	0.06	0.12	0.07	58.50	ppb
Titanium	47-1	0.03	0.11	0.08	0.07	53.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	52.07	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	-0.01	0.03	-0.03	0.00		ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:07:03	DataFile Name :	025CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.06	0.06	9.23	ppb
Zirconium	91-1	0.04	0.04	0.06	0.04	27.24	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BL	Instrumnet Name :	P8
Client Sample ID :	PB108922BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:10:23	DataFile Name :	026CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.09	2.19	2.18	1.09	173.27	ppb
Antimony	121-1	0.16	0.21	0.25	0.21	21.56	ppb
Arsenic	75-2	0.02	0.05	0.05	0.04	50.83	ppb
Barium	135-1	-0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.02	0.01	179.06	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	0.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	3.17	3.79	4.14	3.70	13.30	ppb
Boron	11-1	3.61	3.35	3.55	3.50	3.96	ppb
Cadmium	111-1	-0.14	-0.08	0.01	-0.07		ppb
Cadmium	106-1	-2.04	-1.18	-0.02	-1.08		ppb
Cadmium	108-1	-0.07	0.01	-0.10	-0.05		ppb
Calcium	43-1	-4.17	-5.22	-17.07	-8.82		ppb
Calcium	44-1	-1.18	-0.43	2.96	0.45	491.75	ppb
Chromium	52-2	-0.02	-0.02	-0.06	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	0.12	0.15	0.08	0.12	27.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	0.49	0.39	0.57	0.49	18.10	ppb
Iron	57-2	-2.37	-0.46	1.15	-0.56		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.07	0.06	13.17	ppb
Lead	207-1	0.06	0.06	0.07	0.06	9.38	ppb
Lead	208-1	0.05	0.06	0.06	0.06	5.85	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.15	1.60	2.76	2.17	26.68	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BL	Instrumnet Name :	P8
Client Sample ID :	PB108922BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:10:23	DataFile Name :	026CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.03	0.04	0.02	123.67	ppb
Molybdenum	94-1	0.16	0.18	0.23	0.19	19.27	ppb
Molybdenum	95-1	0.12	0.19	0.27	0.19	39.14	ppb
Molybdenum	96-1	0.13	0.19	0.21	0.18	22.60	ppb
Molybdenum	97-1	0.10	0.18	0.25	0.18	42.64	ppb
Molybdenum	98-1	0.11	0.16	0.22	0.16	32.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	-0.01		ppb
Phosphorus	31-2	10.83	10.63	-5.37	5.36	173.38	ppb
Potassium	39-2	3.45	2.03	-0.16	1.77	102.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	0.44	1.09	0.65	57.83	ppb
Selenium	82-1	0.66	0.17	0.01	0.28	120.95	ppb
Silicon	28-1	-21.32	-20.79	-21.37	-21.16		ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.83	ppb
Silver	107-1	0.03	0.02	0.03	0.02	28.81	ppb
Sodium	23-2	20.80	16.89	19.88	19.19	10.64	ppb
Strontium	86-1	-0.03	-0.04	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	144.11	ppb
Sulfur	34-1	-1197.08	-1056.83	-1059.13	-1104.34		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.08	0.08	0.07	17.48	ppb
Thallium	205-1	0.06	0.07	0.05	0.06	19.55	ppb
Tin	118-1	0.00	0.04	0.06	0.03	88.77	ppb
Titanium	47-1	0.03	-0.01	0.07	0.03	140.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.75	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	-0.09	0.05	-0.07	-0.04		ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BL	Instrumnet Name :	P8
Client Sample ID :	PB108922BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:10:23	DataFile Name :	026CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.04	0.04	14.55	ppb
Zirconium	91-1	0.02	0.04	0.05	0.04	45.42	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BS	Instrumnet Name :	P8
Client Sample ID :	PB108922BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:13:43	DataFile Name :	027LCSS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9586.25	9513.76	9484.24	9528.09	0.55	ppb
Antimony	121-1	514.46	530.36	506.39	517.07	2.36	ppb
Arsenic	75-2	494.11	499.97	492.46	495.51	0.80	ppb
Barium	135-1	2574.52	2644.25	2529.41	2582.73	2.24	ppb
Barium	137-1	2554.46	2633.51	2527.80	2571.92	2.14	ppb
Beryllium	9-1	509.04	538.73	505.69	517.82	3.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	483.38	532.38	496.43	504.06	5.03	ppb
Boron	11-1	478.87	515.52	500.20	498.20	3.70	ppb
Cadmium	111-1	506.97	524.37	493.98	508.44	3.00	ppb
Cadmium	106-1	513.16	537.40	501.65	517.41	3.53	ppb
Cadmium	108-1	509.58	531.63	501.50	514.23	3.03	ppb
Calcium	43-1	48723.39	50825.88	49428.52	49659.26	2.15	ppb
Calcium	44-1	47537.36	50552.36	47932.12	48673.95	3.37	ppb
Chromium	52-2	495.41	491.57	484.55	490.51	1.12	ppb
Cobalt	59-2	491.59	487.77	486.01	488.46	0.58	ppb
Copper	63-2	1006.02	996.78	995.14	999.32	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	25018.18	24630.43	24512.82	24720.48	1.07	ppb
Iron	57-2	24690.80	24401.31	24259.67	24450.59	0.90	ppb
Krypton	83-1						cps
Lead	206-1	501.09	524.86	507.07	511.01	2.42	ppb
Lead	207-1	499.98	523.53	506.38	509.96	2.39	ppb
Lead	208-1	503.18	523.76	507.71	511.55	2.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	54030.24	52867.00	52625.00	53174.08	1.41	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BS	Instrumnet Name :	P8
Client Sample ID :	PB108922BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:13:43	DataFile Name :	027LCSS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.19	967.04	958.73	969.32	1.23	ppb
Molybdenum	94-1	2472.54	2588.47	2453.72	2504.91	2.91	ppb
Molybdenum	95-1	2472.80	2576.73	2456.29	2501.94	2.61	ppb
Molybdenum	96-1	2461.90	2561.25	2458.48	2493.88	2.34	ppb
Molybdenum	97-1	2489.49	2602.06	2463.42	2518.32	2.93	ppb
Molybdenum	98-1	2461.35	2588.38	2455.96	2501.90	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.74	492.56	485.60	490.30	0.83	ppb
Phosphorus	31-2	9380.43	8512.45	9385.81	9092.90	5.53	ppb
Potassium	39-2	24790.23	24687.49	24520.67	24666.13	0.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	566.28	575.01	476.12	539.14	10.16	ppb
Selenium	78-2	500.77	506.28	499.84	502.30	0.69	ppb
Selenium	82-1	499.26	519.03	499.88	506.06	2.22	ppb
Silicon	28-1	469.76	503.15	469.23	480.71	4.04	ppb
Silver	109-1	519.47	537.29	506.55	521.10	2.96	ppb
Silver	107-1	518.28	541.80	505.98	522.02	3.49	ppb
Sodium	23-2	52701.34	51914.56	51008.05	51874.65	1.63	ppb
Strontium	86-1	493.96	526.12	495.47	505.18	3.59	ppb
Strontium	88-1	499.46	517.67	499.65	505.59	2.07	ppb
Sulfur	34-1	10562.86	11722.42	10372.37	10885.88	6.71	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	503.87	529.93	507.96	513.92	2.73	ppb
Thallium	205-1	501.74	523.21	506.84	510.60	2.20	ppb
Tin	118-1	515.20	532.17	507.89	518.42	2.40	ppb
Titanium	47-1	2500.71	2640.77	2505.75	2549.08	3.12	ppb
Uranium	238-1	492.96	516.91	491.62	500.49	2.84	ppb
Vanadium	51-2	497.51	493.02	487.44	492.66	1.02	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	987.82	974.65	979.37	980.61	0.68	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BS	Instrumnet Name :	P8
Client Sample ID :	PB108922BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:13:43	DataFile Name :	027LCSS_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.30	518.76	496.74	503.93	2.55	ppb
Zirconium	91-1	499.12	532.24	498.79	510.05	3.77	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:16:54	DataFile Name :	028SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28309.62	29261.14	28879.99	28816.92	1.66	ppb
Antimony	121-1	2.07	2.25	2.52	2.28	9.90	ppb
Arsenic	75-2	6.94	7.34	6.71	6.99	4.52	ppb
Barium	135-1	1313.75	1281.08	1389.99	1328.27	4.21	ppb
Barium	137-1	1284.38	1289.57	1379.10	1317.68	4.04	ppb
Beryllium	9-1	2.89	2.96	3.22	3.02	5.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	43.67	40.47	41.51	41.89	3.89	ppb
Boron	11-1	42.85	38.86	40.96	40.89	4.89	ppb
Cadmium	111-1	0.47	0.43	0.41	0.44	6.93	ppb
Cadmium	106-1	2.65	3.49	2.48	2.87	18.83	ppb
Cadmium	108-1	1.45	1.88	1.90	1.74	14.61	ppb
Calcium	43-1	104600.15	105326.10	113371.90	107766.05	4.52	ppb
Calcium	44-1	103467.32	104550.17	111108.27	106375.25	3.89	ppb
Chromium	52-2	52.49	54.48	54.01	53.66	1.94	ppb
Cobalt	59-2	30.60	31.42	30.90	30.97	1.35	ppb
Copper	63-2	69.58	71.49	70.55	70.54	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	49638.67	50450.83	49574.92	49888.14	0.98	ppb
Iron	57-2	48518.55	50121.08	49719.27	49452.97	1.69	ppb
Krypton	83-1						cps
Lead	206-1	35.69	35.23	37.93	36.28	3.99	ppb
Lead	207-1	31.75	31.17	33.94	32.28	4.53	ppb
Lead	208-1	33.72	33.44	36.15	34.44	4.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	43102.67	43866.77	43560.93	43510.12	0.88	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:16:54	DataFile Name :	028SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3183.22	3264.59	3229.13	3225.65	1.26	ppb
Molybdenum	94-1	24.93	25.90	26.86	25.90	3.72	ppb
Molybdenum	95-1	2.19	2.56	2.95	2.57	14.72	ppb
Molybdenum	96-1	4.93	5.40	5.95	5.43	9.47	ppb
Molybdenum	97-1	2.04	2.33	2.94	2.44	18.88	ppb
Molybdenum	98-1	2.06	2.47	2.80	2.44	15.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.29	80.71	79.52	80.17	0.75	ppb
Phosphorus	31-2	3369.00	2937.53	3010.34	3105.62	7.44	ppb
Potassium	39-2	9437.86	9568.39	9368.37	9458.21	1.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	206.19	131.12	226.87	188.06	26.79	ppb
Selenium	78-2	30.56	26.08	26.75	27.80	8.70	ppb
Selenium	82-1	1.63	2.85	2.38	2.29	26.80	ppb
Silicon	28-1	1068.37	1992.94	1197.28	1419.53	35.28	ppb
Silver	109-1	0.15	0.17	0.15	0.16	8.29	ppb
Silver	107-1	0.15	0.15	0.19	0.17	13.95	ppb
Sodium	23-2	1576.65	1583.54	1590.89	1583.69	0.45	ppb
Strontium	86-1	171.78	171.76	181.42	174.98	3.18	ppb
Strontium	88-1	173.99	175.85	183.52	177.79	2.84	ppb
Sulfur	34-1	-1612.45	-1564.63	-520.00	-1232.36		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.80	0.77	0.89	0.82	7.08	ppb
Thallium	205-1	0.83	0.83	0.80	0.82	2.07	ppb
Tin	118-1	0.72	0.77	0.90	0.80	11.82	ppb
Titanium	47-1	501.05	498.31	524.35	507.91	2.82	ppb
Uranium	238-1	4.58	4.61	4.98	4.72	4.75	ppb
Vanadium	51-2	62.33	62.74	62.83	62.63	0.42	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	133.33	129.23	127.92	130.16	2.17	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:16:54	DataFile Name :	028SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	15.76	15.52	16.47	15.92	3.12	ppb
Zirconium	91-1	15.94	15.79	16.50	16.08	2.33	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:20:10	DataFile Name :	029SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94173.67	101642.48	95140.52	96985.56	4.19	ppb
Antimony	121-1	0.60	0.68	0.83	0.70	16.18	ppb
Arsenic	75-2	20.74	23.05	20.42	21.40	6.70	ppb
Barium	135-1	1460.56	1443.97	1457.08	1453.87	0.60	ppb
Barium	137-1	1429.53	1441.62	1438.36	1436.50	0.44	ppb
Beryllium	9-1	8.27	8.41	8.09	8.25	1.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	72.66	70.93	71.10	71.56	1.34	ppb
Boron	11-1	72.39	70.80	73.44	72.21	1.84	ppb
Cadmium	111-1	1.00	1.15	1.06	1.07	7.11	ppb
Cadmium	106-1	9.63	10.91	9.19	9.91	8.99	ppb
Cadmium	108-1	5.35	5.52	4.58	5.15	9.71	ppb
Calcium	43-1	209344.66	209707.79	209883.41	209645.29	0.13	ppb
Calcium	44-1	208074.13	209477.68	208342.22	208631.34	0.36	ppb
Chromium	52-2	167.47	181.83	173.28	174.19	4.15	ppb
Cobalt	59-2	86.55	93.32	88.93	89.60	3.83	ppb
Copper	63-2	176.97	190.64	179.88	182.50	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	161916.50	174732.89	164026.09	166891.83	4.12	ppb
Iron	57-2	164522.08	176470.92	166420.36	169137.79	3.80	ppb
Krypton	83-1						cps
Lead	206-1	96.38	96.59	97.50	96.83	0.62	ppb
Lead	207-1	86.62	86.22	86.53	86.46	0.24	ppb
Lead	208-1	91.45	91.62	92.13	91.73	0.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	100591.28	109792.10	103280.58	104554.65	4.52	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:20:10	DataFile Name :	029SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5035.68	5511.35	5084.93	5210.65	5.02	ppb
Molybdenum	94-1	74.71	74.64	73.46	74.27	0.95	ppb
Molybdenum	95-1	2.12	2.26	2.38	2.25	5.86	ppb
Molybdenum	96-1	11.37	11.20	11.54	11.37	1.46	ppb
Molybdenum	97-1	2.09	2.01	2.37	2.15	8.83	ppb
Molybdenum	98-1	2.12	2.14	2.41	2.22	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	202.47	219.62	204.58	208.89	4.48	ppb
Phosphorus	31-2	5233.11	5831.56	5606.84	5557.17	5.44	ppb
Potassium	39-2	33186.96	35953.44	33844.59	34328.33	4.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	77-2	387.79	366.48	334.45	362.91	7.40	ppb
Selenium	78-2	49.35	52.70	53.20	51.75	4.04	ppb
Selenium	82-1	4.13	3.44	3.03	3.53	15.86	ppb
Silicon	28-1	6533.66	6159.52	5535.89	6076.36	8.30	ppb
Silver	109-1	0.30	0.28	0.27	0.28	4.73	ppb
Silver	107-1	0.32	0.31	0.32	0.32	2.02	ppb
Sodium	23-2	2304.70	2516.64	2364.82	2395.38	4.56	ppb
Strontium	86-1	477.35	469.12	485.78	477.42	1.74	ppb
Strontium	88-1	471.51	472.44	479.95	474.63	0.98	ppb
Sulfur	34-1	7146.57	7051.13	7061.98	7086.56	0.74	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	2.24	2.32	2.45	2.34	4.46	ppb
Thallium	205-1	2.26	2.33	2.30	2.30	1.55	ppb
Tin	118-1	1.28	1.28	1.34	1.30	2.85	ppb
Titanium	47-1	2115.85	2175.19	2142.99	2144.67	1.39	ppb
Uranium	238-1	9.36	9.20	9.24	9.26	0.89	ppb
Vanadium	51-2	202.88	220.42	208.76	210.69	4.24	ppb
Yttrium	89-1				132		%
Yttrium	89-2				125		%
Zinc	66-2	403.34	433.50	407.98	414.94	3.91	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:20:10	DataFile Name :	029SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.35	47.02	48.18	47.52	1.26	ppb
Zirconium	91-1	48.45	47.82	47.56	47.94	0.95	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:23:25	DataFile Name :	030SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123562.19	124825.62	124919.82	124435.88	0.61	ppb
Antimony	121-1	0.38	0.41	0.51	0.43	15.32	ppb
Arsenic	75-2	35.45	33.76	36.01	35.07	3.34	ppb
Barium	135-1	1830.00	1843.88	1871.79	1848.56	1.15	ppb
Barium	137-1	1819.37	1817.78	1829.78	1822.31	0.36	ppb
Beryllium	9-1	9.57	9.22	9.21	9.33	2.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	74.72	82.76	81.55	79.68	5.44	ppb
Boron	11-1	78.75	79.27	83.55	80.52	3.27	ppb
Cadmium	111-1	1.82	1.63	1.83	1.76	6.50	ppb
Cadmium	106-1	19.44	17.81	20.57	19.27	7.18	ppb
Cadmium	108-1	9.54	9.67	10.11	9.77	3.08	ppb
Calcium	43-1	199965.16	202006.09	201546.66	201172.64	0.53	ppb
Calcium	44-1	199373.05	201761.99	202265.01	201133.35	0.77	ppb
Chromium	52-2	190.58	194.97	196.94	194.16	1.68	ppb
Cobalt	59-2	116.22	118.03	119.15	117.80	1.26	ppb
Copper	63-2	263.03	268.12	268.12	266.42	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	257483.64	261043.47	261719.49	260082.20	0.87	ppb
Iron	57-2	254214.92	259713.59	261486.60	258471.71	1.47	ppb
Krypton	83-1						cps
Lead	206-1	141.52	143.11	143.55	142.73	0.75	ppb
Lead	207-1	127.87	127.51	128.10	127.83	0.23	ppb
Lead	208-1	135.18	136.01	135.59	135.59	0.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	105557.74	104021.86	104723.65	104767.75	0.73	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:23:25	DataFile Name :	030SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5840.32	5966.15	5922.80	5909.76	1.08	ppb
Molybdenum	94-1	143.31	144.18	145.72	144.40	0.85	ppb
Molybdenum	95-1	2.32	2.24	2.40	2.32	3.44	ppb
Molybdenum	96-1	19.78	19.91	20.27	19.98	1.26	ppb
Molybdenum	97-1	2.22	2.14	2.29	2.21	3.38	ppb
Molybdenum	98-1	2.19	2.22	2.36	2.26	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.15	269.99	270.52	268.89	0.89	ppb
Phosphorus	31-2	5208.16	4817.35	5048.71	5024.74	3.91	ppb
Potassium	39-2	26535.82	26395.41	26567.10	26499.44	0.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	343.84	342.72	373.46	353.34	4.93	ppb
Selenium	78-2	52.08	57.00	56.65	55.25	4.97	ppb
Selenium	82-1	3.91	4.33	3.60	3.95	9.33	ppb
Silicon	28-1	6879.76	6901.54	5573.80	6451.70	11.79	ppb
Silver	109-1	0.40	0.41	0.37	0.40	5.19	ppb
Silver	107-1	0.47	0.51	0.46	0.48	5.55	ppb
Sodium	23-2	2256.17	2108.59	2152.10	2172.29	3.49	ppb
Strontium	86-1	576.69	554.65	561.74	564.36	1.99	ppb
Strontium	88-1	554.61	554.58	557.49	555.56	0.30	ppb
Sulfur	34-1	10189.65	10785.66	10484.04	10486.45	2.84	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	1.72	1.72	1.72	1.72	0.06	ppb
Thallium	205-1	1.74	1.77	1.76	1.75	0.97	ppb
Tin	118-1	0.85	0.83	0.88	0.85	3.24	ppb
Titanium	47-1	1092.57	1102.09	1131.72	1108.80	1.84	ppb
Uranium	238-1	8.52	8.58	8.63	8.58	0.67	ppb
Vanadium	51-2	210.99	213.59	215.72	213.43	1.11	ppb
Yttrium	89-1				138		%
Yttrium	89-2				132		%
Zinc	66-2	588.90	597.94	604.82	597.22	1.34	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:23:25	DataFile Name :	030SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	98.70	95.56	96.76	97.01	1.63	ppb
Zirconium	91-1	92.34	93.73	95.36	93.81	1.61	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:26:41	DataFile Name :	031SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28638.99	28084.98	28537.49	28420.49	1.04	ppb
Antimony	121-1	0.21	0.26	0.32	0.26	22.20	ppb
Arsenic	75-2	5.84	6.45	6.17	6.16	5.01	ppb
Barium	135-1	420.27	412.87	424.01	419.05	1.35	ppb
Barium	137-1	424.20	416.59	419.34	420.04	0.92	ppb
Beryllium	9-1	2.82	2.92	2.79	2.84	2.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	31.78	30.53	30.51	30.94	2.35	ppb
Boron	11-1	31.93	30.12	30.64	30.90	3.02	ppb
Cadmium	111-1	0.46	0.30	0.38	0.38	21.31	ppb
Cadmium	106-1	3.87	1.77	3.19	2.94	36.38	ppb
Cadmium	108-1	1.73	1.67	1.81	1.74	4.15	ppb
Calcium	43-1	96683.74	97438.36	99266.89	97796.33	1.36	ppb
Calcium	44-1	96982.19	95747.75	97720.95	96816.96	1.03	ppb
Chromium	52-2	48.25	48.40	48.07	48.24	0.34	ppb
Cobalt	59-2	30.37	29.99	30.04	30.13	0.70	ppb
Copper	63-2	73.00	72.02	72.77	72.60	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	48277.66	46916.60	47591.16	47595.14	1.43	ppb
Iron	57-2	47002.58	46565.50	47183.91	46917.33	0.68	ppb
Krypton	83-1						cps
Lead	206-1	33.73	32.24	32.94	32.97	2.27	ppb
Lead	207-1	29.37	28.46	29.13	28.99	1.61	ppb
Lead	208-1	31.48	30.80	31.21	31.16	1.10	ppb
Lithium	6-1				95		%
Magnesium	24-2	40759.10	40836.83	41455.28	41017.07	0.93	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:26:41	DataFile Name :	031SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3305.36	3266.71	3315.42	3295.83	0.78	ppb
Molybdenum	94-1	23.30	23.30	23.93	23.51	1.54	ppb
Molybdenum	95-1	0.54	0.66	0.78	0.66	17.88	ppb
Molybdenum	96-1	3.51	3.40	3.49	3.47	1.70	ppb
Molybdenum	97-1	0.59	0.66	0.69	0.64	8.27	ppb
Molybdenum	98-1	0.63	0.66	0.72	0.67	6.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.86	83.13	83.80	83.60	0.48	ppb
Phosphorus	31-2	2622.87	2566.93	2536.49	2575.43	1.70	ppb
Potassium	39-2	9219.23	9288.39	9159.62	9222.41	0.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	135.80	151.70	214.18	167.23	24.78	ppb
Selenium	78-2	27.45	25.71	22.72	25.29	9.46	ppb
Selenium	82-1	1.42	1.99	1.68	1.70	16.82	ppb
Silicon	28-1	3509.18	2864.55	2225.70	2866.48	22.39	ppb
Silver	109-1	0.08	0.10	0.11	0.10	16.01	ppb
Silver	107-1	0.12	0.12	0.11	0.12	4.24	ppb
Sodium	23-2	1146.92	1085.33	1119.30	1117.18	2.76	ppb
Strontium	86-1	128.01	128.61	131.18	129.27	1.30	ppb
Strontium	88-1	131.19	132.71	133.32	132.41	0.83	ppb
Sulfur	34-1	-1590.36	-1653.36	-1489.91	-1577.88		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.65	0.68	0.65	0.66	2.69	ppb
Thallium	205-1	0.63	0.64	0.62	0.63	1.46	ppb
Tin	118-1	0.39	0.43	0.48	0.44	10.81	ppb
Titanium	47-1	501.47	522.90	525.20	516.52	2.53	ppb
Uranium	238-1	4.62	4.37	4.57	4.52	2.92	ppb
Vanadium	51-2	54.03	53.88	54.42	54.11	0.52	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	123.94	120.78	121.51	122.07	1.36	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:26:41	DataFile Name :	031SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	14.95	15.00	15.10	15.02	0.52	ppb
Zirconium	91-1	15.04	14.85	16.58	15.49	6.12	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:29:58	DataFile Name :	032SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86558.88	86122.36	86088.57	86256.60	0.30	ppb
Antimony	121-1	0.20	0.25	0.31	0.25	22.10	ppb
Arsenic	75-2	27.77	27.16	27.19	27.37	1.26	ppb
Barium	135-1	1202.64	1204.64	1195.16	1200.81	0.42	ppb
Barium	137-1	1189.98	1197.41	1183.24	1190.21	0.60	ppb
Beryllium	9-1	6.25	6.33	6.28	6.29	0.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	64.20	71.84	72.26	69.43	6.53	ppb
Boron	11-1	66.63	68.58	70.08	68.43	2.52	ppb
Cadmium	111-1	1.63	1.42	1.39	1.48	8.86	ppb
Cadmium	106-1	13.42	11.75	10.35	11.84	13.00	ppb
Cadmium	108-1	5.32	5.61	4.74	5.22	8.53	ppb
Calcium	43-1	258916.29	261016.44	255442.89	258458.54	1.09	ppb
Calcium	44-1	258000.46	256693.93	257624.77	257439.72	0.26	ppb
Chromium	52-2	152.19	149.96	153.32	151.82	1.12	ppb
Cobalt	59-2	87.81	88.21	88.66	88.23	0.48	ppb
Copper	63-2	216.97	217.42	217.12	217.17	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	172975.37	171871.77	173584.45	172810.53	0.50	ppb
Iron	57-2	174582.50	174344.27	175121.50	174682.76	0.23	ppb
Krypton	83-1						cps
Lead	206-1	104.16	105.64	104.39	104.73	0.76	ppb
Lead	207-1	94.51	94.41	93.43	94.12	0.64	ppb
Lead	208-1	99.20	100.06	98.67	99.31	0.71	ppb
Lithium	6-1				95		%
Magnesium	24-2	101701.09	102614.30	102078.88	102131.43	0.45	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:29:58	DataFile Name :	032SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5286.51	5269.61	5316.97	5291.03	0.45	ppb
Molybdenum	94-1	78.04	79.29	80.43	79.26	1.51	ppb
Molybdenum	95-1	2.37	2.42	2.46	2.41	1.84	ppb
Molybdenum	96-1	12.11	12.01	12.11	12.08	0.51	ppb
Molybdenum	97-1	2.37	2.42	2.47	2.42	2.10	ppb
Molybdenum	98-1	2.36	2.39	2.50	2.42	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	206.95	207.89	210.23	208.36	0.81	ppb
Phosphorus	31-2	6159.51	6188.32	6169.06	6172.29	0.24	ppb
Potassium	39-2	23445.65	23448.29	23528.48	23474.14	0.20	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	338.26	289.50	305.57	311.11	7.99	ppb
Selenium	78-2	49.05	48.27	42.06	46.46	8.24	ppb
Selenium	82-1	2.68	3.30	3.47	3.15	13.19	ppb
Silicon	28-1	7688.31	5371.51	5088.11	6049.31	23.58	ppb
Silver	109-1	0.33	0.35	0.31	0.33	5.55	ppb
Silver	107-1	0.38	0.38	0.39	0.38	1.80	ppb
Sodium	23-2	2401.07	2446.45	2463.51	2437.01	1.32	ppb
Strontium	86-1	593.60	595.44	593.07	594.04	0.21	ppb
Strontium	88-1	592.21	592.49	599.96	594.89	0.74	ppb
Sulfur	34-1	13586.43	12788.03	12821.59	13065.35	3.46	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	1.74	1.78	1.72	1.75	1.65	ppb
Thallium	205-1	1.77	1.78	1.73	1.76	1.46	ppb
Tin	118-1	1.08	1.04	1.11	1.08	3.23	ppb
Titanium	47-1	1552.66	1611.90	1542.13	1568.90	2.40	ppb
Uranium	238-1	11.54	11.25	11.27	11.35	1.42	ppb
Vanadium	51-2	182.19	178.78	180.74	180.57	0.95	ppb
Yttrium	89-1				132		%
Yttrium	89-2				130		%
Zinc	66-2	465.25	458.16	463.26	462.22	0.79	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:29:58	DataFile Name :	032SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.95	50.41	50.50	50.28	0.59	ppb
Zirconium	91-1	50.49	50.89	50.88	50.75	0.45	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:33:13	DataFile Name :	033SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102221.34	103853.33	103537.31	103203.99	0.84	ppb
Antimony	121-1	0.16	0.17	0.21	0.18	14.00	ppb
Arsenic	75-2	20.29	21.38	20.70	20.79	2.66	ppb
Barium	135-1	1505.66	1482.19	1493.26	1493.70	0.79	ppb
Barium	137-1	1489.43	1446.01	1472.09	1469.18	1.49	ppb
Beryllium	9-1	9.81	9.62	9.32	9.59	2.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	73.01	75.93	78.84	75.93	3.84	ppb
Boron	11-1	76.07	77.19	80.87	78.04	3.21	ppb
Cadmium	111-1	1.05	1.00	0.93	0.99	5.96	ppb
Cadmium	106-1	11.78	9.53	9.24	10.18	13.66	ppb
Cadmium	108-1	5.28	4.38	5.10	4.92	9.65	ppb
Calcium	43-1	163647.02	162749.00	165135.25	163843.76	0.74	ppb
Calcium	44-1	161746.42	161148.70	162728.19	161874.44	0.49	ppb
Chromium	52-2	173.75	179.45	178.24	177.15	1.69	ppb
Cobalt	59-2	92.08	94.24	94.48	93.60	1.41	ppb
Copper	63-2	152.20	154.84	154.56	153.87	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	156522.57	160181.68	160416.31	159040.18	1.37	ppb
Iron	57-2	157852.19	161332.50	160368.60	159851.09	1.12	ppb
Krypton	83-1						cps
Lead	206-1	130.21	133.81	134.65	132.89	1.77	ppb
Lead	207-1	117.83	120.44	120.25	119.50	1.22	ppb
Lead	208-1	124.72	126.95	127.67	126.45	1.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	91245.33	93265.78	93017.39	92509.50	1.19	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:33:13	DataFile Name :	033SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4514.96	4721.11	4562.29	4599.45	2.35	ppb
Molybdenum	94-1	73.88	75.06	75.41	74.78	1.08	ppb
Molybdenum	95-1	1.46	1.48	1.64	1.53	6.26	ppb
Molybdenum	96-1	10.60	10.70	10.80	10.70	0.92	ppb
Molybdenum	97-1	1.38	1.44	1.51	1.44	4.23	ppb
Molybdenum	98-1	1.42	1.46	1.49	1.46	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	215.25	223.69	218.37	219.10	1.95	ppb
Phosphorus	31-2	4418.11	4105.79	4281.39	4268.43	3.67	ppb
Potassium	39-2	38534.19	39094.59	39082.36	38903.71	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	77-2	386.29	403.66	332.35	374.10	9.94	ppb
Selenium	78-2	55.50	50.46	43.50	49.82	12.10	ppb
Selenium	82-1	3.64	2.59	2.77	3.00	18.74	ppb
Silicon	28-1	6217.64	5514.14	6281.75	6004.51	7.09	ppb
Silver	109-1	0.24	0.22	0.23	0.23	3.07	ppb
Silver	107-1	0.26	0.27	0.26	0.26	1.85	ppb
Sodium	23-2	2221.47	2375.22	2251.79	2282.83	3.57	ppb
Strontium	86-1	401.17	401.83	402.92	401.97	0.22	ppb
Strontium	88-1	401.85	404.13	405.46	403.81	0.45	ppb
Sulfur	34-1	4955.83	4708.58	4709.83	4791.41	2.97	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	2.68	2.64	2.66	2.66	0.68	ppb
Thallium	205-1	2.53	2.71	2.69	2.64	3.73	ppb
Tin	118-1	1.02	1.14	1.09	1.08	5.80	ppb
Titanium	47-1	1783.45	1850.04	1844.13	1825.87	2.02	ppb
Uranium	238-1	9.97	10.24	10.43	10.21	2.26	ppb
Vanadium	51-2	215.14	221.09	218.89	218.37	1.38	ppb
Yttrium	89-1				133		%
Yttrium	89-2				129		%
Zinc	66-2	408.66	418.03	415.72	414.14	1.18	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:33:13	DataFile Name :	033SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.25	47.92	48.80	48.32	0.93	ppb
Zirconium	91-1	48.29	47.96	48.62	48.29	0.69	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:36:27	DataFile Name :	034SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36808.99	36743.40	36659.51	36737.30	0.20	ppb
Antimony	121-1	0.12	0.14	0.15	0.14	11.40	ppb
Arsenic	75-2	8.65	7.99	7.63	8.09	6.37	ppb
Barium	135-1	1554.92	1569.42	1515.85	1546.73	1.79	ppb
Barium	137-1	1531.84	1523.20	1505.17	1520.07	0.90	ppb
Beryllium	9-1	3.29	3.45	3.38	3.37	2.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	31.52	30.13	32.05	31.24	3.17	ppb
Boron	11-1	31.45	31.67	30.90	31.34	1.27	ppb
Cadmium	111-1	0.47	0.45	0.51	0.48	6.78	ppb
Cadmium	106-1	3.36	2.96	4.21	3.51	18.14	ppb
Cadmium	108-1	1.95	1.68	1.90	1.84	7.87	ppb
Calcium	43-1	133314.38	132460.52	131549.25	132441.38	0.67	ppb
Calcium	44-1	132782.98	132507.04	131054.86	132114.96	0.70	ppb
Chromium	52-2	71.76	72.25	72.03	72.01	0.34	ppb
Cobalt	59-2	38.52	38.71	39.37	38.87	1.15	ppb
Copper	63-2	84.85	86.66	85.97	85.83	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	63929.26	63741.89	64389.03	64020.06	0.52	ppb
Iron	57-2	63505.63	63749.04	63515.97	63590.21	0.22	ppb
Krypton	83-1						cps
Lead	206-1	40.39	39.52	39.05	39.65	1.71	ppb
Lead	207-1	35.30	34.71	34.95	34.99	0.85	ppb
Lead	208-1	37.60	37.46	36.88	37.32	1.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	56967.94	57152.18	57821.41	57313.84	0.78	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:36:27	DataFile Name :	034SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3641.34	3671.86	3687.62	3666.94	0.64	ppb
Molybdenum	94-1	20.43	28.97	27.94	25.78	18.07	ppb
Molybdenum	95-1	0.42	0.67	0.66	0.58	24.92	ppb
Molybdenum	96-1	3.02	4.20	4.02	3.75	16.95	ppb
Molybdenum	97-1	0.38	0.71	0.65	0.58	30.78	ppb
Molybdenum	98-1	0.44	0.66	0.67	0.59	22.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.13	104.31	104.46	103.63	1.26	ppb
Phosphorus	31-2	3761.81	3901.72	3471.00	3711.51	5.92	ppb
Potassium	39-2	11895.90	12046.88	11947.07	11963.28	0.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	197.85	157.72	219.87	191.81	16.43	ppb
Selenium	78-2	27.61	31.62	28.76	29.33	7.05	ppb
Selenium	82-1	1.54	1.81	2.06	1.80	14.40	ppb
Silicon	28-1	3767.15	2028.44	2413.90	2736.49	33.37	ppb
Silver	109-1	0.12	0.10	0.12	0.11	8.40	ppb
Silver	107-1	0.13	0.13	0.12	0.13	5.51	ppb
Sodium	23-2	1127.31	1132.25	1138.49	1132.68	0.49	ppb
Strontium	86-1	141.44	201.24	200.84	181.17	18.99	ppb
Strontium	88-1	144.59	203.02	201.47	183.03	18.19	ppb
Sulfur	34-1	-1152.37	-1322.23	-1283.54	-1252.72		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.82	0.82	0.77	0.80	3.87	ppb
Thallium	205-1	0.75	0.77	0.82	0.78	4.31	ppb
Tin	118-1	0.55	0.57	0.55	0.56	2.35	ppb
Titanium	47-1	846.37	829.26	818.96	831.53	1.66	ppb
Uranium	238-1	4.83	4.95	4.82	4.87	1.51	ppb
Vanadium	51-2	83.04	83.49	83.63	83.39	0.37	ppb
Yttrium	89-1				137		%
Yttrium	89-2				118		%
Zinc	66-2	163.11	163.95	162.38	163.15	0.48	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:36:27	DataFile Name :	034SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	13.05	18.20	18.16	16.47	17.98	ppb
Zirconium	91-1	13.27	18.64	18.34	16.75	18.00	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:39:44	DataFile Name :	035SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65198.85	66120.95	66349.10	65889.63	0.92	ppb
Antimony	121-1	0.17	0.16	0.18	0.17	6.51	ppb
Arsenic	75-2	22.02	21.02	21.26	21.43	2.43	ppb
Barium	135-1	1394.40	1438.46	1433.20	1422.02	1.69	ppb
Barium	137-1	1365.39	1418.27	1420.76	1401.48	2.23	ppb
Beryllium	9-1	5.81	5.96	5.99	5.92	1.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	55.29	60.23	61.01	58.85	5.27	ppb
Boron	11-1	55.92	61.04	60.81	59.26	4.88	ppb
Cadmium	111-1	1.05	1.20	1.12	1.12	6.72	ppb
Cadmium	106-1	8.47	9.50	9.03	9.00	5.76	ppb
Cadmium	108-1	4.71	4.27	4.24	4.41	5.92	ppb
Calcium	43-1	218870.74	223642.13	226207.68	222906.85	1.67	ppb
Calcium	44-1	218278.44	222398.88	224696.03	221791.12	1.47	ppb
Chromium	52-2	116.46	118.22	118.40	117.69	0.91	ppb
Cobalt	59-2	69.86	71.59	70.87	70.78	1.23	ppb
Copper	63-2	188.09	194.56	191.30	191.32	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	124965.38	126028.23	126680.63	125891.41	0.69	ppb
Iron	57-2	126024.49	130265.80	130101.96	128797.42	1.87	ppb
Krypton	83-1						cps
Lead	206-1	83.88	85.30	85.75	84.98	1.15	ppb
Lead	207-1	74.75	75.58	74.88	75.07	0.60	ppb
Lead	208-1	79.13	80.91	80.44	80.16	1.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	87842.93	90828.09	89919.44	89530.16	1.71	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:39:44	DataFile Name :	035SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4321.32	4395.04	4384.96	4367.11	0.92	ppb
Molybdenum	94-1	58.29	61.33	61.03	60.22	2.78	ppb
Molybdenum	95-1	1.89	1.97	1.93	1.93	1.92	ppb
Molybdenum	96-1	8.99	9.43	9.24	9.22	2.35	ppb
Molybdenum	97-1	1.86	1.98	1.93	1.93	3.15	ppb
Molybdenum	98-1	1.89	1.92	1.94	1.92	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.48	179.07	179.27	177.61	1.53	ppb
Phosphorus	31-2	6458.61	6379.25	6254.46	6364.10	1.62	ppb
Potassium	39-2	21286.25	21787.83	21727.36	21600.48	1.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	268.94	368.29	249.17	295.47	21.61	ppb
Selenium	78-2	45.65	38.90	37.89	40.81	10.33	ppb
Selenium	82-1	3.28	3.27	3.41	3.32	2.39	ppb
Silicon	28-1	3175.27	3666.93	4258.61	3700.27	14.66	ppb
Silver	109-1	0.23	0.26	0.26	0.25	6.01	ppb
Silver	107-1	0.26	0.26	0.26	0.26	1.26	ppb
Sodium	23-2	1947.88	1960.64	1964.33	1957.62	0.44	ppb
Strontium	86-1	463.83	481.25	470.65	471.91	1.86	ppb
Strontium	88-1	463.37	474.71	473.41	470.50	1.32	ppb
Sulfur	34-1	11864.83	12288.59	12654.87	12269.43	3.22	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.71	1.65	1.67	1.67	1.84	ppb
Thallium	205-1	1.59	1.70	1.65	1.65	3.40	ppb
Tin	118-1	0.82	0.83	0.83	0.83	1.01	ppb
Titanium	47-1	1380.70	1429.07	1441.88	1417.22	2.28	ppb
Uranium	238-1	14.59	14.99	15.00	14.86	1.58	ppb
Vanadium	51-2	147.29	152.90	151.24	150.48	1.92	ppb
Yttrium	89-1				130		%
Yttrium	89-2				128		%
Zinc	66-2	336.33	340.80	346.98	341.37	1.57	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:39:44	DataFile Name :	035SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	38.30	40.14	39.11	39.18	2.35	ppb
Zirconium	91-1	38.15	39.37	39.57	39.03	1.96	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:42:59	DataFile Name :	036CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50996.14	51016.58	50200.20	50737.64	0.92	ppb
Antimony	121-1	519.14	509.28	522.64	517.02	1.34	ppb
Arsenic	75-2	497.68	489.90	491.91	493.16	0.82	ppb
Barium	135-1	2641.64	2621.30	2623.74	2628.89	0.42	ppb
Barium	137-1	2623.82	2593.97	2598.30	2605.36	0.62	ppb
Beryllium	9-1	534.21	529.98	525.11	529.77	0.86	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	527.85	535.36	529.27	530.83	0.75	ppb
Boron	11-1	519.31	534.27	532.99	528.86	1.57	ppb
Cadmium	111-1	504.40	500.64	511.23	505.43	1.06	ppb
Cadmium	106-1	519.86	510.98	524.06	518.30	1.29	ppb
Cadmium	108-1	517.92	508.40	520.80	515.71	1.26	ppb
Calcium	43-1	242304.51	244105.70	244378.42	243596.21	0.46	ppb
Calcium	44-1	242373.89	242931.61	242193.32	242499.61	0.16	ppb
Chromium	52-2	503.67	496.53	493.59	497.93	1.04	ppb
Cobalt	59-2	477.06	472.68	464.14	471.30	1.39	ppb
Copper	63-2	936.28	935.80	914.62	928.90	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	121762.05	120666.49	117981.51	120136.69	1.62	ppb
Iron	57-2	122169.11	122670.51	120973.06	121937.56	0.72	ppb
Krypton	83-1						cps
Lead	206-1	515.17	517.79	513.36	515.44	0.43	ppb
Lead	207-1	521.23	519.35	514.19	518.26	0.70	ppb
Lead	208-1	519.35	517.01	517.16	517.84	0.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	256711.60	254928.25	249511.81	253717.22	1.48	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:42:59	DataFile Name :	036CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.47	985.63	959.30	976.13	1.50	ppb
Molybdenum	94-1	2474.62	2478.84	2526.05	2493.17	1.15	ppb
Molybdenum	95-1	2466.63	2513.26	2510.02	2496.64	1.04	ppb
Molybdenum	96-1	2447.59	2502.52	2520.12	2490.08	1.52	ppb
Molybdenum	97-1	2476.80	2486.42	2521.12	2494.78	0.93	ppb
Molybdenum	98-1	2502.31	2508.00	2496.81	2502.37	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.20	477.83	465.50	474.51	1.66	ppb
Phosphorus	31-2	10237.44	10380.90	10401.26	10339.86	0.86	ppb
Potassium	39-2	128551.75	127264.06	126091.68	127302.49	0.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	495.82	520.00	550.19	522.01	5.22	ppb
Selenium	78-2	511.89	493.17	474.11	493.06	3.83	ppb
Selenium	82-1	491.68	494.34	506.91	497.64	1.64	ppb
Silicon	28-1	519.78	534.88	541.18	531.95	2.07	ppb
Silver	109-1	532.49	527.12	543.44	534.35	1.56	ppb
Silver	107-1	535.23	529.94	546.54	537.24	1.58	ppb
Sodium	23-2	256109.11	252728.23	248615.42	252484.25	1.49	ppb
Strontium	86-1	517.53	520.15	531.52	523.07	1.42	ppb
Strontium	88-1	515.22	515.45	529.55	520.07	1.58	ppb
Sulfur	34-1	10429.12	10530.13	10721.57	10560.27	1.41	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	526.54	523.68	517.93	522.71	0.84	ppb
Thallium	205-1	522.96	518.74	511.69	517.80	1.10	ppb
Tin	118-1	533.19	520.06	528.84	527.36	1.27	ppb
Titanium	47-1	2529.11	2543.86	2542.45	2538.47	0.32	ppb
Uranium	238-1	512.29	510.15	505.70	509.38	0.66	ppb
Vanadium	51-2	494.99	493.01	485.29	491.10	1.04	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	949.87	942.14	924.73	938.91	1.37	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:42:59	DataFile Name :	036CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.46	499.44	505.82	501.24	0.80	ppb
Zirconium	91-1	505.44	503.09	508.65	505.73	0.55	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:46:08	DataFile Name :	037CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.28	0.80	-1.22	1.29	215.99	ppb
Antimony	121-1	1.85	1.86	2.05	1.92	5.77	ppb
Arsenic	75-2	0.30	0.15	0.17	0.21	39.48	ppb
Barium	135-1	0.18	0.16	0.09	0.14	30.65	ppb
Barium	137-1	0.21	0.11	0.11	0.14	41.02	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	7.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	21.78	19.26	15.90	18.98	15.52	ppb
Boron	11-1	19.76	18.20	15.97	17.97	10.60	ppb
Cadmium	111-1	0.03	0.10	0.08	0.07	47.29	ppb
Cadmium	106-1	-0.28	0.62	0.43	0.25	186.63	ppb
Cadmium	108-1	0.11	0.02	-0.01	0.04	162.84	ppb
Calcium	43-1	8.67	5.80	2.39	5.62	55.96	ppb
Calcium	44-1	20.90	18.35	14.57	17.94	17.74	ppb
Chromium	52-2	-0.06	0.00	0.06	0.00	3680.37	ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.13	0.13	0.08	0.12	25.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	7.59	6.66	6.69	6.98	7.58	ppb
Iron	57-2	5.21	5.64	5.87	5.57	5.97	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.06	0.06	17.75	ppb
Lead	207-1	0.08	0.06	0.05	0.06	19.46	ppb
Lead	208-1	0.08	0.06	0.07	0.07	11.13	ppb
Lithium	6-1				98		%
Magnesium	24-2	10.92	7.98	5.36	8.09	34.38	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:46:08	DataFile Name :	037CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.10	0.09	0.12	39.86	ppb
Molybdenum	94-1	1.29	1.45	1.51	1.42	7.90	ppb
Molybdenum	95-1	1.50	1.68	2.06	1.75	16.32	ppb
Molybdenum	96-1	1.53	1.61	1.84	1.66	9.65	ppb
Molybdenum	97-1	1.68	1.73	1.79	1.73	3.39	ppb
Molybdenum	98-1	1.53	1.72	1.92	1.73	11.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.02	0.03	22.08	ppb
Phosphorus	31-2	-5.37	9.60	9.94	4.72	185.22	ppb
Potassium	39-2	35.77	31.29	27.92	31.66	12.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	4.14	4.01	0.00	2.72	86.64	ppb
Selenium	78-2	1.06	0.40	1.66	1.04	60.65	ppb
Selenium	82-1	0.12	0.88	0.52	0.51	75.30	ppb
Silicon	28-1	-12.32	-15.60	-15.35	-14.42		ppb
Silver	109-1	0.06	0.06	0.04	0.05	24.50	ppb
Silver	107-1	0.06	0.05	0.04	0.05	18.76	ppb
Sodium	23-2	67.85	60.11	52.17	60.04	13.06	ppb
Strontium	86-1	0.04	-0.04	0.03	0.01	336.62	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	6.66	ppb
Sulfur	34-1	-1470.57	-1683.44	-1621.63	-1591.88		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.15	0.13	0.15	12.54	ppb
Thallium	205-1	0.14	0.14	0.13	0.13	6.63	ppb
Tin	118-1	0.35	0.41	0.39	0.38	7.34	ppb
Titanium	47-1	0.23	0.23	0.19	0.22	9.20	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	20.70	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	56.64	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.13	0.02	0.03	0.06	105.49	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:46:08	DataFile Name :	037CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.14	0.13	5.99	ppb
Zirconium	91-1	0.12	0.14	0.14	0.14	7.82	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:49:28	DataFile Name :	038SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134587.68	134251.49	134154.87	134331.35	0.17	ppb
Antimony	121-1	0.74	0.91	0.97	0.87	13.60	ppb
Arsenic	75-2	34.44	34.38	33.95	34.25	0.78	ppb
Barium	135-1	1616.10	1629.56	1584.72	1610.13	1.43	ppb
Barium	137-1	1565.41	1608.41	1578.62	1584.15	1.39	ppb
Beryllium	9-1	9.13	8.78	8.67	8.86	2.70	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	94.61	94.96	97.85	95.81	1.85	ppb
Boron	11-1	92.68	94.18	92.19	93.02	1.12	ppb
Cadmium	111-1	2.26	2.34	1.97	2.19	8.91	ppb
Cadmium	106-1	23.34	26.40	20.60	23.45	12.36	ppb
Cadmium	108-1	9.47	10.86	10.85	10.39	7.71	ppb
Calcium	43-1	234719.60	231195.81	234016.52	233310.64	0.80	ppb
Calcium	44-1	231894.85	232687.38	232255.22	232279.15	0.17	ppb
Chromium	52-2	213.56	214.05	212.14	213.25	0.46	ppb
Cobalt	59-2	121.72	122.37	120.80	121.63	0.65	ppb
Copper	63-2	267.91	267.44	265.55	266.97	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	268423.80	268102.78	265755.34	267427.31	0.54	ppb
Iron	57-2	266314.67	270006.17	265331.70	267217.51	0.92	ppb
Krypton	83-1						cps
Lead	206-1	145.16	146.82	144.81	145.59	0.74	ppb
Lead	207-1	128.71	131.81	129.11	129.88	1.30	ppb
Lead	208-1	138.13	139.69	137.58	138.46	0.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	110690.53	111475.07	109317.23	110494.28	0.99	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:49:28	DataFile Name :	038SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6270.98	6331.41	6208.02	6270.14	0.98	ppb
Molybdenum	94-1	146.83	142.65	144.89	144.79	1.45	ppb
Molybdenum	95-1	3.01	3.03	3.07	3.04	1.14	ppb
Molybdenum	96-1	20.63	20.59	20.59	20.60	0.11	ppb
Molybdenum	97-1	2.92	3.05	3.04	3.00	2.40	ppb
Molybdenum	98-1	2.87	2.96	3.09	2.98	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	274.59	274.36	272.42	273.79	0.43	ppb
Phosphorus	31-2	5848.96	5139.99	5096.28	5361.74	7.88	ppb
Potassium	39-2	29503.34	29102.46	29215.03	29273.61	0.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	440.40	414.77	409.73	421.63	3.90	ppb
Selenium	78-2	51.36	62.61	66.25	60.07	12.93	ppb
Selenium	82-1	4.22	3.94	4.54	4.23	7.07	ppb
Silicon	28-1	8472.90	11331.28	10076.86	9960.34	14.38	ppb
Silver	109-1	0.42	0.47	0.45	0.45	4.93	ppb
Silver	107-1	0.52	0.52	0.47	0.51	6.53	ppb
Sodium	23-2	2573.23	2602.51	2504.41	2560.05	1.97	ppb
Strontium	86-1	616.74	624.34	607.71	616.26	1.35	ppb
Strontium	88-1	603.87	607.11	602.46	604.48	0.39	ppb
Sulfur	34-1	12730.96	12594.68	12396.89	12574.18	1.34	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	2.04	2.09	1.92	2.01	4.34	ppb
Thallium	205-1	2.04	2.05	2.02	2.04	0.65	ppb
Tin	118-1	1.34	1.24	1.29	1.29	3.89	ppb
Titanium	47-1	1827.95	1916.85	1861.88	1868.90	2.40	ppb
Uranium	238-1	10.06	10.09	10.02	10.06	0.35	ppb
Vanadium	51-2	239.63	240.27	237.24	239.04	0.67	ppb
Yttrium	89-1				136		%
Yttrium	89-2				137		%
Zinc	66-2	610.38	611.72	598.59	606.89	1.19	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:49:28	DataFile Name :	038SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	95.09	95.08	94.47	94.88	0.38	ppb
Zirconium	91-1	93.08	92.34	93.08	92.83	0.46	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:52:45	DataFile Name :	039SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80908.31	80167.09	80025.54	80366.98	0.59	ppb
Antimony	121-1	0.35	0.48	0.47	0.43	16.79	ppb
Arsenic	75-2	25.16	26.81	25.45	25.81	3.41	ppb
Barium	135-1	1055.81	1123.37	1058.62	1079.27	3.54	ppb
Barium	137-1	1040.87	1131.72	1058.61	1077.07	4.47	ppb
Beryllium	9-1	6.33	6.51	6.53	6.46	1.65	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	57.77	60.97	59.26	59.33	2.70	ppb
Boron	11-1	58.68	63.50	62.83	61.67	4.23	ppb
Cadmium	111-1	1.33	1.22	1.54	1.36	11.70	ppb
Cadmium	106-1	11.10	9.67	13.59	11.45	17.36	ppb
Cadmium	108-1	5.42	5.47	5.64	5.51	2.06	ppb
Calcium	43-1	257534.89	265137.09	253855.72	258842.57	2.22	ppb
Calcium	44-1	255268.72	265877.64	255194.13	258780.16	2.38	ppb
Chromium	52-2	141.62	140.62	140.32	140.85	0.48	ppb
Cobalt	59-2	83.73	85.01	83.78	84.18	0.86	ppb
Copper	63-2	208.98	208.54	207.87	208.46	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	159297.62	157401.43	157234.21	157977.76	0.73	ppb
Iron	57-2	157172.31	159317.49	159938.68	158809.49	0.91	ppb
Krypton	83-1						cps
Lead	206-1	98.74	103.46	98.52	100.24	2.78	ppb
Lead	207-1	88.02	92.90	88.68	89.86	2.95	ppb
Lead	208-1	93.09	98.09	93.88	95.02	2.83	ppb
Lithium	6-1				94		%
Magnesium	24-2	98895.42	100585.53	99651.95	99710.96	0.85	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:52:45	DataFile Name :	039SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5097.83	5071.93	4955.31	5041.69	1.51	ppb
Molybdenum	94-1	72.45	76.35	73.89	74.23	2.66	ppb
Molybdenum	95-1	2.02	2.12	2.28	2.14	6.14	ppb
Molybdenum	96-1	11.15	11.46	10.67	11.09	3.59	ppb
Molybdenum	97-1	2.05	2.17	2.12	2.11	2.97	ppb
Molybdenum	98-1	1.95	2.27	2.12	2.11	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	206.90	207.42	206.81	207.04	0.16	ppb
Phosphorus	31-2	6561.74	6774.72	6668.38	6668.28	1.60	ppb
Potassium	39-2	23304.85	22983.28	23084.11	23124.08	0.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	274.11	332.98	349.26	318.78	12.40	ppb
Selenium	78-2	38.23	48.34	49.84	45.47	13.89	ppb
Selenium	82-1	3.75	3.68	3.28	3.57	7.09	ppb
Silicon	28-1	3463.62	3409.13	3625.00	3499.25	3.21	ppb
Silver	109-1	0.45	0.49	0.44	0.46	6.43	ppb
Silver	107-1	0.48	0.50	0.50	0.49	2.16	ppb
Sodium	23-2	2027.22	1978.89	1976.53	1994.21	1.43	ppb
Strontium	86-1	587.49	603.19	570.05	586.91	2.82	ppb
Strontium	88-1	576.69	598.46	567.46	580.87	2.74	ppb
Sulfur	34-1	12252.15	13285.31	11772.16	12436.54	6.22	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	1.80	1.87	1.86	1.85	2.04	ppb
Thallium	205-1	1.86	1.89	1.86	1.87	0.82	ppb
Tin	118-1	0.95	1.00	1.00	0.99	3.13	ppb
Titanium	47-1	1457.68	1520.25	1467.73	1481.89	2.27	ppb
Uranium	238-1	15.30	16.44	15.96	15.90	3.58	ppb
Vanadium	51-2	169.82	172.69	170.28	170.93	0.90	ppb
Yttrium	89-1				131		%
Yttrium	89-2				132		%
Zinc	66-2	415.25	419.42	422.54	419.07	0.87	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:52:45	DataFile Name :	039SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.11	48.67	47.18	47.65	1.84	ppb
Zirconium	91-1	46.25	48.37	47.31	47.31	2.24	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:56:00	DataFile Name :	040SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79757.13	82691.04	79786.40	80744.86	2.09	ppb
Antimony	121-1	0.22	0.28	0.29	0.26	12.90	ppb
Arsenic	75-2	25.00	25.87	26.33	25.73	2.62	ppb
Barium	135-1	1105.49	1086.63	1058.99	1083.70	2.16	ppb
Barium	137-1	1098.41	1074.36	1066.14	1079.63	1.55	ppb
Beryllium	9-1	6.19	6.28	6.21	6.23	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	59.54	62.48	60.09	60.71	2.58	ppb
Boron	11-1	60.48	62.13	59.22	60.61	2.40	ppb
Cadmium	111-1	1.31	1.30	1.44	1.35	5.69	ppb
Cadmium	106-1	10.16	10.54	12.94	11.21	13.45	ppb
Cadmium	108-1	5.06	4.58	4.84	4.83	4.94	ppb
Calcium	43-1	250345.29	249795.04	248511.40	249550.58	0.38	ppb
Calcium	44-1	252957.17	249545.02	249531.31	250677.83	0.79	ppb
Chromium	52-2	139.59	144.17	141.31	141.69	1.63	ppb
Cobalt	59-2	83.32	85.74	83.97	84.34	1.48	ppb
Copper	63-2	206.69	213.09	206.87	208.88	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	155936.46	159588.60	155137.41	156887.49	1.51	ppb
Iron	57-2	156159.36	161720.80	158036.36	158638.84	1.78	ppb
Krypton	83-1						cps
Lead	206-1	96.33	95.99	96.33	96.22	0.21	ppb
Lead	207-1	87.41	85.76	85.87	86.35	1.07	ppb
Lead	208-1	92.18	91.41	91.31	91.63	0.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	99220.65	101573.01	98740.04	99844.56	1.52	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:56:00	DataFile Name :	040SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5002.41	5138.47	5020.24	5053.71	1.46	ppb
Molybdenum	94-1	72.95	70.59	71.70	71.75	1.64	ppb
Molybdenum	95-1	2.09	2.10	2.05	2.08	1.32	ppb
Molybdenum	96-1	10.72	10.73	10.64	10.69	0.43	ppb
Molybdenum	97-1	1.96	2.05	1.96	1.99	2.51	ppb
Molybdenum	98-1	1.92	1.99	2.06	1.99	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	202.42	209.95	203.40	205.26	1.99	ppb
Phosphorus	31-2	6562.00	6308.17	6546.85	6472.34	2.20	ppb
Potassium	39-2	23163.61	24024.75	23094.85	23427.74	2.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	77-2	267.42	296.58	292.41	285.47	5.52	ppb
Selenium	78-2	46.36	39.42	47.69	44.49	9.99	ppb
Selenium	82-1	2.97	3.45	3.13	3.18	7.67	ppb
Silicon	28-1	3686.87	3865.23	4875.07	4142.39	15.47	ppb
Silver	109-1	0.44	0.44	0.38	0.42	8.07	ppb
Silver	107-1	0.49	0.47	0.42	0.46	7.27	ppb
Sodium	23-2	1992.23	2080.40	2047.43	2040.02	2.18	ppb
Strontium	86-1	561.30	564.10	568.67	564.69	0.66	ppb
Strontium	88-1	555.23	557.37	559.02	557.21	0.34	ppb
Sulfur	34-1	11747.38	11373.65	11524.83	11548.62	1.63	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.77	1.80	1.78	1.78	0.91	ppb
Thallium	205-1	1.71	1.71	1.76	1.73	1.58	ppb
Tin	118-1	1.08	0.97	1.00	1.02	5.59	ppb
Titanium	47-1	1602.53	1460.25	1509.49	1524.09	4.74	ppb
Uranium	238-1	15.24	15.07	15.24	15.19	0.64	ppb
Vanadium	51-2	168.62	175.26	171.61	171.83	1.94	ppb
Yttrium	89-1				132		%
Yttrium	89-2				130		%
Zinc	66-2	419.11	432.10	427.45	426.22	1.54	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:56:00	DataFile Name :	040SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	45.71	45.47	45.75	45.64	0.33	ppb
Zirconium	91-1	46.12	46.66	45.92	46.23	0.83	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 17:59:14	DataFile Name :	041SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16868.07	16615.85	16522.87	16668.93	1.07	ppb
Antimony	121-1	0.10	0.11	0.15	0.12	18.97	ppb
Arsenic	75-2	6.23	6.14	5.88	6.09	2.97	ppb
Barium	135-1	200.54	204.17	212.40	205.70	2.95	ppb
Barium	137-1	202.21	202.68	210.67	205.19	2.32	ppb
Beryllium	9-1	1.31	1.25	1.24	1.27	2.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	16.15	17.17	17.40	16.91	3.92	ppb
Boron	11-1	15.47	15.78	17.38	16.21	6.35	ppb
Cadmium	111-1	0.28	0.26	0.26	0.27	3.90	ppb
Cadmium	106-1	2.11	2.34	2.01	2.15	7.87	ppb
Cadmium	108-1	1.09	1.09	1.17	1.12	3.97	ppb
Calcium	43-1	53638.75	52859.82	56000.00	54166.19	3.02	ppb
Calcium	44-1	52398.70	52707.50	55458.57	53521.59	3.15	ppb
Chromium	52-2	28.95	28.40	28.96	28.77	1.12	ppb
Cobalt	59-2	17.83	17.61	17.48	17.64	1.02	ppb
Copper	63-2	44.35	44.14	43.79	44.09	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	32785.54	32810.04	32409.59	32668.39	0.69	ppb
Iron	57-2	32508.61	32517.93	32300.59	32442.38	0.38	ppb
Krypton	83-1						cps
Lead	206-1	19.11	18.83	19.96	19.30	3.06	ppb
Lead	207-1	16.65	16.98	18.13	17.25	4.50	ppb
Lead	208-1	17.88	17.91	19.08	18.29	3.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	20496.72	20334.45	20068.18	20299.78	1.07	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 17:59:14	DataFile Name :	041SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.11	1026.36	1020.51	1023.66	0.29	ppb
Molybdenum	94-1	16.41	16.49	17.45	16.78	3.45	ppb
Molybdenum	95-1	0.51	0.49	0.64	0.55	15.00	ppb
Molybdenum	96-1	2.53	2.53	2.83	2.63	6.49	ppb
Molybdenum	97-1	0.49	0.59	0.56	0.55	8.99	ppb
Molybdenum	98-1	0.51	0.52	0.55	0.53	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.60	43.74	43.14	43.49	0.72	ppb
Phosphorus	31-2	1563.34	1205.17	1502.21	1423.57	13.46	ppb
Potassium	39-2	4813.22	4765.62	4774.82	4784.55	0.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	64.01	60.24	41.23	55.16	22.14	ppb
Selenium	78-2	17.29	9.70	11.98	12.99	29.98	ppb
Selenium	82-1	0.63	1.41	2.19	1.41	55.50	ppb
Silicon	28-1	636.58	751.24	961.96	783.26	21.07	ppb
Silver	109-1	0.09	0.11	0.10	0.10	7.17	ppb
Silver	107-1	0.10	0.11	0.11	0.11	4.55	ppb
Sodium	23-2	436.89	434.33	431.14	434.12	0.66	ppb
Strontium	86-1	130.83	131.92	137.87	133.54	2.84	ppb
Strontium	88-1	134.20	136.77	141.40	137.46	2.66	ppb
Sulfur	34-1	2001.64	1944.68	3027.73	2324.69	26.22	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	0.35	0.33	0.42	0.37	13.30	ppb
Thallium	205-1	0.35	0.35	0.39	0.36	7.58	ppb
Tin	118-1	0.22	0.16	0.25	0.21	22.75	ppb
Titanium	47-1	288.62	300.49	313.55	300.88	4.14	ppb
Uranium	238-1	2.91	2.91	3.10	2.97	3.75	ppb
Vanadium	51-2	34.95	34.93	35.02	34.97	0.14	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	91.89	87.27	88.56	89.24	2.68	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 17:59:14	DataFile Name :	041SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.54	10.71	11.24	10.83	3.38	ppb
Zirconium	91-1	10.44	10.56	11.43	10.81	5.02	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:02:33	DataFile Name :	042SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98506.88	97925.01	99518.53	98650.14	0.82	ppb
Antimony	121-1	233.66	232.25	235.17	233.69	0.62	ppb
Arsenic	75-2	407.10	411.03	414.21	410.78	0.87	ppb
Barium	135-1	3663.04	3656.41	3695.15	3671.54	0.56	ppb
Barium	137-1	3638.24	3644.74	3637.70	3640.23	0.11	ppb
Beryllium	9-1	519.21	520.30	513.79	517.77	0.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	534.76	539.65	563.24	545.88	2.79	ppb
Boron	11-1	540.59	559.24	554.83	551.55	1.77	ppb
Cadmium	111-1	489.71	494.34	490.24	491.43	0.52	ppb
Cadmium	106-1	517.99	515.91	520.70	518.20	0.46	ppb
Cadmium	108-1	509.29	504.96	512.56	508.94	0.75	ppb
Calcium	43-1	295916.44	291293.81	293389.42	293533.22	0.79	ppb
Calcium	44-1	295637.49	291171.24	292561.69	293123.48	0.78	ppb
Chromium	52-2	620.67	619.43	636.83	625.64	1.55	ppb
Cobalt	59-2	528.73	529.35	542.35	533.48	1.44	ppb
Copper	63-2	1070.71	1065.00	1091.18	1075.63	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	183505.03	183445.78	186787.00	184579.27	1.04	ppb
Iron	57-2	184882.17	182767.69	187639.48	185096.45	1.32	ppb
Krypton	83-1						cps
Lead	206-1	620.56	616.07	633.54	623.39	1.45	ppb
Lead	207-1	619.16	613.88	621.66	618.23	0.64	ppb
Lead	208-1	624.45	616.01	623.24	621.23	0.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	144871.50	145938.37	149908.10	146905.99	1.81	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:02:33	DataFile Name :	042SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5814.72	5827.41	6008.06	5883.40	1.84	ppb
Molybdenum	94-1	2019.82	1986.77	2007.60	2004.73	0.83	ppb
Molybdenum	95-1	1865.65	1864.32	1839.61	1856.53	0.79	ppb
Molybdenum	96-1	1903.60	1847.30	1848.31	1866.41	1.73	ppb
Molybdenum	97-1	1873.17	1873.29	1840.11	1862.19	1.03	ppb
Molybdenum	98-1	1855.79	1870.94	1844.53	1857.09	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	648.93	646.31	668.17	654.47	1.82	ppb
Phosphorus	31-2	6449.30	6619.44	6554.16	6540.97	1.31	ppb
Potassium	39-2	48826.76	48849.50	50063.81	49246.69	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	77-2	662.61	747.68	757.60	722.63	7.23	ppb
Selenium	78-2	416.83	456.91	440.27	438.00	4.60	ppb
Selenium	82-1	382.89	380.40	379.91	381.07	0.42	ppb
Silicon	28-1	9671.91	9352.50	9300.36	9441.59	2.13	ppb
Silver	109-1	62.54	75.32	39.86	59.24	30.31	ppb
Silver	107-1	55.27	39.93	40.58	45.26	19.17	ppb
Sodium	23-2	48501.99	48551.55	50293.53	49115.69	2.08	ppb
Strontium	86-1	948.06	962.50	987.39	965.98	2.06	ppb
Strontium	88-1	968.32	964.38	971.39	968.03	0.36	ppb
Sulfur	34-1	12149.29	10642.79	11732.85	11508.31	6.76	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	529.31	520.37	536.16	528.61	1.50	ppb
Thallium	205-1	524.73	521.60	524.43	523.59	0.33	ppb
Tin	118-1	507.56	506.25	512.08	508.63	0.60	ppb
Titanium	47-1	4558.45	4515.23	4574.05	4549.24	0.67	ppb
Uranium	238-1	531.76	523.51	533.72	529.66	1.02	ppb
Vanadium	51-2	653.61	644.74	661.02	653.13	1.25	ppb
Yttrium	89-1				133		%
Yttrium	89-2				132		%
Zinc	66-2	1257.29	1242.61	1284.73	1261.55	1.69	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:02:33	DataFile Name :	042SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	466.53	453.54	466.06	462.04	1.59	ppb
Zirconium	91-1	468.14	463.71	471.29	467.71	0.81	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:05:45	DataFile Name :	043SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96337.41	95413.63	95789.11	95846.71	0.48	ppb
Antimony	121-1	236.67	238.34	237.50	237.50	0.35	ppb
Arsenic	75-2	411.79	405.35	408.41	408.52	0.79	ppb
Barium	135-1	3615.96	3665.73	3673.45	3651.71	0.85	ppb
Barium	137-1	3604.30	3619.50	3635.39	3619.73	0.43	ppb
Beryllium	9-1	513.07	513.42	507.93	511.47	0.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	541.61	546.35	562.89	550.29	2.03	ppb
Boron	11-1	540.12	554.83	561.35	552.10	1.97	ppb
Cadmium	111-1	482.44	492.37	485.71	486.84	1.04	ppb
Cadmium	106-1	499.38	504.70	518.43	507.50	1.94	ppb
Cadmium	108-1	498.38	506.37	499.13	501.29	0.88	ppb
Calcium	43-1	276723.91	278066.48	279399.83	278063.41	0.48	ppb
Calcium	44-1	278620.64	275266.53	279892.73	277926.63	0.86	ppb
Chromium	52-2	615.23	610.68	613.39	613.10	0.37	ppb
Cobalt	59-2	527.95	516.58	528.28	524.27	1.27	ppb
Copper	63-2	1053.57	1052.67	1062.15	1056.13	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	177724.50	174388.54	177730.65	176614.56	1.09	ppb
Iron	57-2	179629.90	174761.77	175751.75	176714.47	1.46	ppb
Krypton	83-1						cps
Lead	206-1	627.63	618.51	617.10	621.08	0.92	ppb
Lead	207-1	615.73	622.20	608.60	615.51	1.11	ppb
Lead	208-1	619.59	619.09	613.36	617.35	0.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	141504.55	141113.21	142304.49	141640.75	0.43	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:05:45	DataFile Name :	043SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5625.63	5595.86	5620.55	5614.02	0.28	ppb
Molybdenum	94-1	1998.32	1974.67	2002.36	1991.78	0.75	ppb
Molybdenum	95-1	1873.92	1839.43	1893.52	1868.95	1.47	ppb
Molybdenum	96-1	1893.08	1849.59	1887.00	1876.55	1.25	ppb
Molybdenum	97-1	1897.50	1858.37	1874.64	1876.83	1.05	ppb
Molybdenum	98-1	1888.64	1847.14	1883.58	1873.12	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	644.52	640.12	647.90	644.18	0.60	ppb
Phosphorus	31-2	5473.07	6100.22	5497.94	5690.41	6.24	ppb
Potassium	39-2	48842.59	48680.87	49191.97	48905.14	0.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	668.53	743.47	820.64	744.21	10.22	ppb
Selenium	78-2	436.98	421.77	439.19	432.65	2.19	ppb
Selenium	82-1	387.47	381.68	391.16	386.77	1.24	ppb
Silicon	28-1	8520.64	8577.42	8891.84	8663.30	2.31	ppb
Silver	109-1	40.94	41.13	74.03	52.03	36.61	ppb
Silver	107-1	40.82	41.29	41.47	41.19	0.82	ppb
Sodium	23-2	48564.87	48134.10	48578.06	48425.68	0.52	ppb
Strontium	86-1	943.76	933.42	962.95	946.71	1.58	ppb
Strontium	88-1	943.05	934.80	955.37	944.41	1.10	ppb
Sulfur	34-1	10127.14	9606.00	10616.94	10116.69	5.00	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	533.51	532.79	527.32	531.21	0.64	ppb
Thallium	205-1	524.43	525.87	524.06	524.78	0.18	ppb
Tin	118-1	497.04	508.62	505.00	503.55	1.18	ppb
Titanium	47-1	4433.55	4409.88	4446.68	4430.04	0.42	ppb
Uranium	238-1	524.24	520.65	523.79	522.89	0.37	ppb
Vanadium	51-2	645.89	637.15	639.39	640.81	0.71	ppb
Yttrium	89-1				132		%
Yttrium	89-2				131		%
Zinc	66-2	1250.25	1220.31	1236.85	1235.80	1.21	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:05:45	DataFile Name :	043SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	461.19	456.72	459.82	459.24	0.50	ppb
Zirconium	91-1	467.13	452.82	462.37	460.77	1.58	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:08:53	DataFile Name :	044SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98378.17	96164.59	99684.72	98075.83	1.81	ppb
Antimony	121-1	232.63	233.18	247.79	237.87	3.61	ppb
Arsenic	75-2	409.71	408.14	411.72	409.86	0.44	ppb
Barium	135-1	3613.04	3656.16	3854.91	3708.04	3.48	ppb
Barium	137-1	3596.59	3653.93	3817.42	3689.31	3.11	ppb
Beryllium	9-1	511.62	508.11	530.84	516.86	2.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	546.50	562.85	600.49	569.95	4.86	ppb
Boron	11-1	550.69	558.77	591.68	567.05	3.83	ppb
Cadmium	111-1	483.16	480.20	516.42	493.26	4.08	ppb
Cadmium	106-1	505.86	507.07	543.14	518.69	4.08	ppb
Cadmium	108-1	495.41	502.39	532.02	509.94	3.81	ppb
Calcium	43-1	286016.39	288053.54	300013.11	291361.01	2.60	ppb
Calcium	44-1	284715.00	287778.37	299800.61	290764.66	2.74	ppb
Chromium	52-2	624.38	612.16	629.99	622.17	1.47	ppb
Cobalt	59-2	540.38	523.09	539.94	534.47	1.84	ppb
Copper	63-2	1086.61	1052.08	1085.41	1074.70	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	183854.43	178304.74	183902.52	182020.56	1.77	ppb
Iron	57-2	187109.50	177667.16	186530.61	183769.09	2.88	ppb
Krypton	83-1						cps
Lead	206-1	623.94	631.15	663.43	639.51	3.29	ppb
Lead	207-1	607.34	619.54	640.93	622.60	2.73	ppb
Lead	208-1	612.33	624.08	650.48	628.96	3.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	146104.26	143727.69	148734.26	146188.74	1.71	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:08:53	DataFile Name :	044SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5854.53	5726.57	5938.69	5839.93	1.83	ppb
Molybdenum	94-1	1997.80	1990.98	2094.18	2027.65	2.85	ppb
Molybdenum	95-1	1851.79	1858.33	1954.31	1888.14	3.04	ppb
Molybdenum	96-1	1884.79	1873.43	1965.52	1907.92	2.63	ppb
Molybdenum	97-1	1850.81	1878.54	1942.83	1890.73	2.50	ppb
Molybdenum	98-1	1872.28	1868.11	1941.48	1893.96	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	663.42	639.64	659.81	654.29	1.96	ppb
Phosphorus	31-2	6397.30	5737.89	6157.12	6097.44	5.47	ppb
Potassium	39-2	49410.42	48412.67	50186.33	49336.47	1.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	77-2	774.99	738.96	664.91	726.29	7.73	ppb
Selenium	78-2	448.72	447.85	436.65	444.41	1.51	ppb
Selenium	82-1	380.73	378.86	401.39	387.00	3.23	ppb
Silicon	28-1	9407.82	9479.06	9740.36	9542.41	1.83	ppb
Silver	109-1	39.27	39.37	84.66	54.43	48.09	ppb
Silver	107-1	77.45	40.34	43.40	53.73	38.34	ppb
Sodium	23-2	49797.03	47828.91	50014.13	49213.36	2.45	ppb
Strontium	86-1	949.49	952.96	992.88	965.11	2.50	ppb
Strontium	88-1	958.87	955.72	998.11	970.90	2.43	ppb
Sulfur	34-1	10639.14	11656.64	12511.71	11602.50	8.08	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	525.12	538.12	559.84	541.03	3.24	ppb
Thallium	205-1	521.41	532.59	549.96	534.65	2.69	ppb
Tin	118-1	500.30	499.21	532.25	510.58	3.68	ppb
Titanium	47-1	4598.03	4543.58	4731.72	4624.44	2.09	ppb
Uranium	238-1	526.78	525.24	554.40	535.47	3.06	ppb
Vanadium	51-2	659.77	642.00	658.84	653.53	1.53	ppb
Yttrium	89-1				132		%
Yttrium	89-2				131		%
Zinc	66-2	1253.83	1235.36	1272.58	1253.92	1.48	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:08:53	DataFile Name :	044SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	455.71	451.41	482.46	463.19	3.63	ppb
Zirconium	91-1	457.99	462.15	483.96	468.03	2.98	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:23:25	DataFile Name :	045SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14917.19	15177.35	15113.47	15069.34	0.90	ppb
Antimony	121-1	0.06	0.09	0.10	0.08	27.88	ppb
Arsenic	75-2	3.92	3.39	3.63	3.64	7.30	ppb
Barium	135-1	642.86	639.13	641.01	641.00	0.29	ppb
Barium	137-1	654.84	658.49	663.32	658.88	0.65	ppb
Beryllium	9-1	1.51	1.61	1.59	1.57	3.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	15.91	16.73	17.78	16.81	5.58	ppb
Boron	11-1	16.85	17.47	17.21	17.17	1.81	ppb
Cadmium	111-1	0.11	0.11	0.21	0.15	40.48	ppb
Cadmium	106-1	-0.25	-0.52	1.67	0.30	396.41	ppb
Cadmium	108-1	0.94	0.99	0.91	0.95	3.93	ppb
Calcium	43-1	52976.09	54459.68	55640.12	54358.63	2.46	ppb
Calcium	44-1	53269.73	53842.20	53455.26	53522.40	0.55	ppb
Chromium	52-2	27.79	27.33	27.51	27.54	0.84	ppb
Cobalt	59-2	15.42	15.41	15.71	15.51	1.11	ppb
Copper	63-2	35.06	35.45	35.97	35.49	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	25187.76	25211.61	25357.14	25252.17	0.36	ppb
Iron	57-2	24979.78	25076.71	25084.09	25046.86	0.23	ppb
Krypton	83-1						cps
Lead	206-1	17.65	17.47	17.91	17.67	1.25	ppb
Lead	207-1	15.52	15.61	15.95	15.69	1.42	ppb
Lead	208-1	16.76	16.74	16.99	16.83	0.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	21509.46	21513.97	21408.06	21477.16	0.28	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:23:25	DataFile Name :	045SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1635.64	1650.56	1654.80	1647.00	0.61	ppb
Molybdenum	94-1	12.96	12.99	13.17	13.04	0.86	ppb
Molybdenum	95-1	0.63	0.63	0.85	0.70	18.36	ppb
Molybdenum	96-1	2.14	2.18	2.32	2.21	4.30	ppb
Molybdenum	97-1	0.63	0.69	0.78	0.70	10.26	ppb
Molybdenum	98-1	0.62	0.75	0.80	0.72	13.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.38	40.57	41.48	41.14	1.21	ppb
Phosphorus	31-2	1648.05	1599.60	1640.91	1629.52	1.61	ppb
Potassium	39-2	4851.76	4905.69	4870.29	4875.92	0.56	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	57.75	89.03	100.61	82.46	26.89	ppb
Selenium	78-2	14.70	11.78	11.18	12.55	15.01	ppb
Selenium	82-1	1.25	1.06	1.56	1.29	19.70	ppb
Silicon	28-1	508.77	562.91	687.80	586.49	15.65	ppb
Silver	109-1	0.06	0.05	0.06	0.06	13.32	ppb
Silver	107-1	0.08	0.06	0.07	0.07	12.33	ppb
Sodium	23-2	989.77	805.14	811.52	868.81	12.06	ppb
Strontium	86-1	90.81	91.31	91.56	91.23	0.42	ppb
Strontium	88-1	94.10	93.77	94.36	94.07	0.31	ppb
Sulfur	34-1	-971.72	-931.60	-1084.47	-995.93		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.44	0.46	0.47	0.46	2.73	ppb
Thallium	205-1	0.43	0.45	0.47	0.45	4.37	ppb
Tin	118-1	0.24	0.28	0.31	0.27	13.49	ppb
Titanium	47-1	249.02	248.34	258.94	252.10	2.36	ppb
Uranium	238-1	2.25	2.29	2.26	2.27	0.84	ppb
Vanadium	51-2	31.61	31.78	31.49	31.63	0.46	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	64.39	66.96	68.65	66.67	3.22	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:23:25	DataFile Name :	045SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	8.10	8.78	8.28	8.39	4.19	ppb
Zirconium	91-1	8.14	8.41	8.26	8.27	1.67	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:26:42	DataFile Name :	046SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50113.34	50116.31	50420.89	50216.85	0.35	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	4.13	ppb
Arsenic	75-2	12.06	11.70	11.19	11.65	3.77	ppb
Barium	135-1	724.97	731.34	733.60	729.97	0.61	ppb
Barium	137-1	746.98	746.25	746.04	746.42	0.07	ppb
Beryllium	9-1	4.17	4.27	4.25	4.23	1.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	36.97	35.83	38.07	36.96	3.03	ppb
Boron	11-1	36.55	37.07	39.52	37.72	4.20	ppb
Cadmium	111-1	3.86	0.70	0.68	1.75	104.50	ppb
Cadmium	106-1	50.35	6.97	6.25	21.19	119.19	ppb
Cadmium	108-1	2.19	2.37	2.27	2.28	3.88	ppb
Calcium	43-1	110218.17	108648.48	111805.03	110223.89	1.43	ppb
Calcium	44-1	109315.67	109576.12	110714.35	109868.71	0.68	ppb
Chromium	52-2	89.67	89.76	89.05	89.49	0.43	ppb
Cobalt	59-2	46.16	45.33	46.17	45.89	1.05	ppb
Copper	63-2	93.73	93.08	94.09	93.63	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	86444.79	85384.80	86372.60	86067.39	0.69	ppb
Iron	57-2	87084.88	87675.85	86928.14	87229.62	0.45	ppb
Krypton	83-1						cps
Lead	206-1	47.18	49.06	48.93	48.39	2.17	ppb
Lead	207-1	42.72	42.77	43.66	43.05	1.24	ppb
Lead	208-1	45.40	45.94	46.34	45.89	1.03	ppb
Lithium	6-1				98		%
Magnesium	24-2	55307.44	54933.05	54925.16	55055.22	0.40	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:26:42	DataFile Name :	046SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2637.20	2634.95	2652.09	2641.42	0.35	ppb
Molybdenum	94-1	40.24	40.56	41.88	40.89	2.13	ppb
Molybdenum	95-1	1.22	1.14	1.22	1.19	3.89	ppb
Molybdenum	96-1	6.28	5.91	6.21	6.13	3.22	ppb
Molybdenum	97-1	1.13	1.15	1.12	1.13	1.26	ppb
Molybdenum	98-1	1.06	1.15	1.16	1.12	4.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.16	107.11	107.78	107.69	0.49	ppb
Phosphorus	31-2	2534.55	3253.19	2847.79	2878.51	12.52	ppb
Potassium	39-2	17771.09	17708.69	17904.68	17794.82	0.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	176.07	222.39	208.94	202.47	11.77	ppb
Selenium	78-2	22.06	29.17	28.26	26.50	14.60	ppb
Selenium	82-1	2.63	1.43	1.49	1.85	36.39	ppb
Silicon	28-1	2179.52	2961.87	2786.49	2642.63	15.54	ppb
Silver	109-1	0.15	0.14	0.13	0.14	6.56	ppb
Silver	107-1	0.14	0.16	0.16	0.15	6.11	ppb
Sodium	23-2	1227.31	1246.06	1202.46	1225.28	1.78	ppb
Strontium	86-1	263.35	264.92	266.17	264.81	0.53	ppb
Strontium	88-1	265.92	268.21	269.35	267.83	0.65	ppb
Sulfur	34-1	3281.18	3176.96	3414.10	3290.75	3.61	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	1.19	1.23	1.24	1.22	2.02	ppb
Thallium	205-1	1.28	1.24	1.25	1.26	1.69	ppb
Tin	118-1	0.68	0.64	0.64	0.65	3.44	ppb
Titanium	47-1	1150.91	1112.88	1139.96	1134.59	1.73	ppb
Uranium	238-1	4.51	4.57	4.68	4.58	1.86	ppb
Vanadium	51-2	108.47	107.06	108.47	108.00	0.75	ppb
Yttrium	89-1				121		%
Yttrium	89-2				120		%
Zinc	66-2	214.65	214.07	218.67	215.80	1.16	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:26:42	DataFile Name :	046SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	25.94	25.94	26.16	26.01	0.51	ppb
Zirconium	91-1	26.06	25.86	26.22	26.04	0.69	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:29:59	DataFile Name :	047SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65112.16	65083.88	69686.05	66627.37	3.98	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	15.33	ppb
Arsenic	75-2	21.18	20.84	21.79	21.27	2.28	ppb
Barium	135-1	947.54	954.46	949.03	950.34	0.38	ppb
Barium	137-1	949.60	939.43	922.40	937.14	1.47	ppb
Beryllium	9-1	5.19	4.85	4.64	4.90	5.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	41.60	43.82	44.16	43.19	3.22	ppb
Boron	11-1	43.71	41.68	42.81	42.73	2.38	ppb
Cadmium	111-1	0.94	0.91	0.89	0.91	2.50	ppb
Cadmium	106-1	9.96	10.33	10.65	10.31	3.33	ppb
Cadmium	108-1	4.90	4.77	5.71	5.13	9.96	ppb
Calcium	43-1	108321.38	106654.75	107483.48	107486.54	0.78	ppb
Calcium	44-1	106943.04	105440.83	106662.76	106348.88	0.75	ppb
Chromium	52-2	99.32	101.24	103.61	101.39	2.12	ppb
Cobalt	59-2	60.31	62.01	64.88	62.40	3.70	ppb
Copper	63-2	135.99	139.24	147.39	140.87	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	133250.00	136044.67	143557.32	137617.33	3.87	ppb
Iron	57-2	134469.23	138025.77	146446.23	139647.08	4.40	ppb
Krypton	83-1						cps
Lead	206-1	70.51	71.07	71.31	70.96	0.58	ppb
Lead	207-1	63.08	63.72	63.46	63.42	0.51	ppb
Lead	208-1	67.35	67.29	67.23	67.29	0.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	55440.49	55592.33	59022.00	56684.94	3.57	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:29:59	DataFile Name :	047SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2991.75	3034.01	3205.22	3076.99	3.67	ppb
Molybdenum	94-1	81.78	81.48	81.40	81.55	0.25	ppb
Molybdenum	95-1	1.27	1.36	1.24	1.29	4.76	ppb
Molybdenum	96-1	11.14	11.29	11.17	11.20	0.70	ppb
Molybdenum	97-1	1.21	1.30	1.30	1.27	3.99	ppb
Molybdenum	98-1	1.28	1.25	1.32	1.29	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.82	138.41	148.97	141.40	4.67	ppb
Phosphorus	31-2	2282.40	2591.24	2943.89	2605.84	12.70	ppb
Potassium	39-2	13909.98	13911.29	14832.15	14217.81	3.74	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	200.80	176.90	242.62	206.77	16.09	ppb
Selenium	78-2	28.72	38.17	33.40	33.43	14.13	ppb
Selenium	82-1	2.59	2.47	2.59	2.55	2.72	ppb
Silicon	28-1	4443.24	3207.65	3938.97	3863.29	16.08	ppb
Silver	109-1	0.20	0.18	0.21	0.20	6.49	ppb
Silver	107-1	0.27	0.25	0.25	0.26	5.18	ppb
Sodium	23-2	1083.75	1138.64	1180.70	1134.36	4.29	ppb
Strontium	86-1	315.89	312.96	309.46	312.77	1.03	ppb
Strontium	88-1	319.84	315.27	312.49	315.87	1.17	ppb
Sulfur	34-1	5173.72	4888.30	4932.42	4998.15	3.07	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.93	0.85	0.92	0.90	5.18	ppb
Thallium	205-1	0.91	0.92	0.92	0.92	0.51	ppb
Tin	118-1	0.46	0.45	0.46	0.46	1.52	ppb
Titanium	47-1	605.50	578.20	553.52	579.07	4.49	ppb
Uranium	238-1	4.32	4.25	4.22	4.26	1.19	ppb
Vanadium	51-2	110.06	110.28	117.62	112.65	3.82	ppb
Yttrium	89-1				124		%
Yttrium	89-2				121		%
Zinc	66-2	313.19	315.14	336.55	321.62	4.03	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:29:59	DataFile Name :	047SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.53	52.82	52.79	53.05	0.79	ppb
Zirconium	91-1	53.36	52.95	52.39	52.90	0.92	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:40:17	DataFile Name :	050CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49605.75	50502.35	49799.24	49969.11	0.94	ppb
Antimony	121-1	509.50	519.21	515.94	514.88	0.96	ppb
Arsenic	75-2	479.48	477.25	488.53	481.75	1.24	ppb
Barium	135-1	2590.10	2620.63	2562.50	2591.08	1.12	ppb
Barium	137-1	2541.87	2576.02	2532.46	2550.12	0.90	ppb
Beryllium	9-1	521.70	511.24	512.00	514.98	1.13	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	529.18	524.78	533.98	529.31	0.87	ppb
Boron	11-1	524.66	522.59	529.74	525.66	0.70	ppb
Cadmium	111-1	498.63	496.44	493.24	496.10	0.55	ppb
Cadmium	106-1	513.10	512.46	508.45	511.34	0.49	ppb
Cadmium	108-1	508.49	499.98	505.97	504.81	0.87	ppb
Calcium	43-1	241950.94	241560.58	238768.51	240760.01	0.72	ppb
Calcium	44-1	242468.35	238570.98	237997.78	239679.04	1.01	ppb
Chromium	52-2	483.12	488.50	485.06	485.56	0.56	ppb
Cobalt	59-2	455.42	462.88	457.40	458.57	0.84	ppb
Copper	63-2	904.37	912.61	917.92	911.63	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	115905.21	117066.84	116623.02	116531.69	0.50	ppb
Iron	57-2	117334.93	120206.50	119794.89	119112.11	1.30	ppb
Krypton	83-1						cps
Lead	206-1	502.93	508.41	509.11	506.82	0.67	ppb
Lead	207-1	505.20	510.90	510.48	508.86	0.62	ppb
Lead	208-1	505.03	508.81	515.40	509.75	1.03	ppb
Lithium	6-1				98		%
Magnesium	24-2	246857.57	250009.49	249452.43	248773.16	0.68	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:40:17	DataFile Name :	050CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	956.18	961.77	959.85	959.27	0.30	ppb
Molybdenum	94-1	2448.16	2449.18	2446.18	2447.84	0.06	ppb
Molybdenum	95-1	2446.06	2423.96	2403.82	2424.61	0.87	ppb
Molybdenum	96-1	2439.70	2437.84	2426.18	2434.58	0.30	ppb
Molybdenum	97-1	2479.01	2431.12	2456.94	2455.69	0.98	ppb
Molybdenum	98-1	2479.73	2466.68	2425.83	2457.41	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.45	462.59	461.01	462.35	0.27	ppb
Phosphorus	31-2	8677.14	9536.78	9713.34	9309.09	5.95	ppb
Potassium	39-2	125807.16	127847.54	126690.31	126781.67	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	565.56	476.39	501.82	514.59	8.93	ppb
Selenium	78-2	465.25	494.61	478.17	479.35	3.07	ppb
Selenium	82-1	489.87	480.23	486.22	485.44	1.00	ppb
Silicon	28-1	529.24	532.21	538.64	533.37	0.90	ppb
Silver	109-1	534.14	529.17	529.90	531.07	0.51	ppb
Silver	107-1	534.47	526.41	526.47	529.12	0.88	ppb
Sodium	23-2	245822.26	249922.16	248273.30	248005.91	0.83	ppb
Strontium	86-1	522.40	508.78	510.12	513.77	1.46	ppb
Strontium	88-1	516.12	506.76	514.31	512.40	0.97	ppb
Sulfur	34-1	10807.76	10292.83	10380.26	10493.62	2.63	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	506.73	514.43	527.64	516.27	2.05	ppb
Thallium	205-1	504.51	509.26	517.56	510.44	1.29	ppb
Tin	118-1	524.18	523.60	522.03	523.27	0.21	ppb
Titanium	47-1	2505.83	2463.07	2493.52	2487.47	0.88	ppb
Uranium	238-1	494.34	491.23	502.65	496.07	1.19	ppb
Vanadium	51-2	476.06	480.89	475.73	477.56	0.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	920.53	933.48	912.68	922.23	1.14	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:40:17	DataFile Name :	050CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.39	491.82	501.00	496.74	0.93	ppb
Zirconium	91-1	501.65	493.80	500.57	498.67	0.85	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:43:26	DataFile Name :	051CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	-0.27	-0.18	0.77	223.82	ppb
Antimony	121-1	1.84	2.18	2.15	2.06	9.28	ppb
Arsenic	75-2	0.30	0.20	0.26	0.25	21.17	ppb
Barium	135-1	0.14	0.10	0.09	0.11	22.32	ppb
Barium	137-1	0.10	0.10	0.08	0.09	13.25	ppb
Beryllium	9-1	0.15	0.15	0.15	0.15	0.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	23.01	21.00	20.25	21.42	6.64	ppb
Boron	11-1	23.38	20.84	19.78	21.33	8.66	ppb
Cadmium	111-1	0.05	-0.10	0.04	0.00		ppb
Cadmium	106-1	-0.17	-2.07	0.12	-0.70		ppb
Cadmium	108-1	0.02	0.05	0.05	0.04	50.12	ppb
Calcium	43-1	12.79	-4.66	-4.27	1.28	775.90	ppb
Calcium	44-1	12.01	10.59	9.75	10.78	10.57	ppb
Chromium	52-2	-0.11	-0.01	-0.07	-0.06		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.03	0.04	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	5.86	5.83	6.16	5.95	3.09	ppb
Iron	57-2	3.71	4.61	3.97	4.10	11.29	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.07	0.09	17.73	ppb
Lead	207-1	0.07	0.10	0.07	0.08	17.15	ppb
Lead	208-1	0.10	0.09	0.08	0.09	13.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	9.74	8.03	6.42	8.06	20.60	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:43:26	DataFile Name :	051CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.09	0.07	0.07	31.48	ppb
Molybdenum	94-1	1.19	1.42	1.67	1.43	16.55	ppb
Molybdenum	95-1	1.51	1.61	2.01	1.71	15.67	ppb
Molybdenum	96-1	1.43	1.70	1.97	1.70	15.86	ppb
Molybdenum	97-1	1.44	1.81	2.05	1.77	17.57	ppb
Molybdenum	98-1	1.61	1.81	1.99	1.80	10.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.10	0.10	0.09	19.53	ppb
Phosphorus	31-2	9.39	38.96	9.86	19.40	87.29	ppb
Potassium	39-2	52.04	34.91	53.29	46.75	21.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.00	2.23	1.01	1.41	50.03	ppb
Selenium	82-1	0.86	0.74	0.49	0.70	26.66	ppb
Silicon	28-1	-9.87	-11.14	-12.68	-11.23		ppb
Silver	109-1	0.04	0.03	0.03	0.04	22.09	ppb
Silver	107-1	0.04	0.05	0.04	0.04	8.99	ppb
Sodium	23-2	84.52	80.26	76.38	80.39	5.06	ppb
Strontium	86-1	-0.04	0.00	0.01	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.08	ppb
Sulfur	34-1	-1533.01	-1649.56	-1695.69	-1626.09		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.22	0.22	0.23	8.64	ppb
Thallium	205-1	0.26	0.21	0.20	0.23	14.33	ppb
Tin	118-1	0.37	0.44	0.54	0.45	19.47	ppb
Titanium	47-1	0.29	0.23	0.20	0.24	19.02	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	21.92	ppb
Vanadium	51-2	0.02	0.01	-0.01	0.01	179.94	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	-0.02	-0.06	-0.05	-0.04		ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:43:26	DataFile Name :	051CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.13	0.14	0.13	10.23	ppb
Zirconium	91-1	0.13	0.11	0.11	0.12	10.67	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:46:46	DataFile Name :	052SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14610.61	14364.60	14455.92	14477.05	0.86	ppb
Antimony	121-1	0.73	0.82	0.94	0.83	13.07	ppb
Arsenic	75-2	2.89	3.45	3.38	3.24	9.39	ppb
Barium	135-1	219.46	219.95	217.39	218.93	0.62	ppb
Barium	137-1	218.20	219.05	215.47	217.57	0.86	ppb
Beryllium	9-1	1.67	1.48	1.56	1.57	6.00	ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	20.90	21.40	22.87	21.72	4.71	ppb
Boron	11-1	21.87	21.61	24.27	22.58	6.48	ppb
Cadmium	111-1	0.26	0.19	0.20	0.22	17.62	ppb
Cadmium	106-1	2.17	0.90	0.73	1.27	62.22	ppb
Cadmium	108-1	0.80	0.82	0.46	0.69	28.62	ppb
Calcium	43-1	49383.04	50960.00	50463.05	50268.70	1.60	ppb
Calcium	44-1	49204.67	50141.80	49179.77	49508.75	1.11	ppb
Chromium	52-2	24.44	24.24	24.56	24.41	0.65	ppb
Cobalt	59-2	15.15	15.03	15.15	15.11	0.45	ppb
Copper	63-2	35.60	35.74	36.14	35.83	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	56-2	24229.57	23995.74	24289.44	24171.58	0.64	ppb
Iron	57-2	23987.61	23658.78	23615.68	23754.02	0.86	ppb
Krypton	83-1						cps
Lead	206-1	16.35	17.11	16.65	16.70	2.31	ppb
Lead	207-1	14.24	14.91	14.80	14.65	2.47	ppb
Lead	208-1	15.41	16.01	15.73	15.71	1.90	ppb
Lithium	6-1				97		%
Magnesium	24-2	20590.99	20327.08	20564.94	20494.34	0.71	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:46:46	DataFile Name :	052SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1700.20	1694.24	1688.19	1694.21	0.35	ppb
Molybdenum	94-1	11.91	12.59	12.90	12.47	4.07	ppb
Molybdenum	95-1	0.68	0.87	1.10	0.88	23.91	ppb
Molybdenum	96-1	2.15	2.37	2.51	2.34	7.71	ppb
Molybdenum	97-1	0.82	0.82	1.03	0.89	13.64	ppb
Molybdenum	98-1	0.71	0.90	1.01	0.87	17.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.42	41.57	42.94	42.31	1.64	ppb
Phosphorus	31-2	1296.34	1416.81	1303.63	1338.93	5.04	ppb
Potassium	39-2	4951.87	4755.57	4729.65	4812.36	2.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	76.10	117.48	124.03	105.87	24.55	ppb
Selenium	78-2	15.12	17.40	13.76	15.43	11.94	ppb
Selenium	82-1	0.97	2.02	0.59	1.20	61.71	ppb
Silicon	28-1	1065.48	1151.97	1162.92	1126.79	4.74	ppb
Silver	109-1	0.06	0.06	0.07	0.06	6.35	ppb
Silver	107-1	0.08	0.07	0.05	0.07	20.96	ppb
Sodium	23-2	624.42	607.72	620.38	617.50	1.41	ppb
Strontium	86-1	67.05	69.58	69.62	68.75	2.14	ppb
Strontium	88-1	71.06	70.54	71.70	71.10	0.82	ppb
Sulfur	34-1	-1877.92	-1776.47	-1962.81	-1872.40		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.45	0.40	0.44	0.43	6.86	ppb
Thallium	205-1	0.43	0.45	0.40	0.43	5.55	ppb
Tin	118-1	0.42	0.40	0.41	0.41	2.38	ppb
Titanium	47-1	250.84	260.39	248.22	253.15	2.53	ppb
Uranium	238-1	2.15	2.22	2.16	2.18	1.68	ppb
Vanadium	51-2	28.06	27.04	27.52	27.54	1.86	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	65.08	64.20	62.52	63.94	2.03	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:46:46	DataFile Name :	052SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.74	7.76	7.80	7.76	0.38	ppb
Zirconium	91-1	7.41	7.69	8.03	7.71	4.03	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:50:04	DataFile Name :	053SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46016.07	45708.08	45811.81	45845.32	0.34	ppb
Antimony	121-1	0.34	0.43	0.54	0.43	23.37	ppb
Arsenic	75-2	14.71	14.53	15.13	14.79	2.07	ppb
Barium	135-1	620.25	614.22	642.57	625.68	2.39	ppb
Barium	137-1	627.06	630.16	652.82	636.68	2.21	ppb
Beryllium	9-1	3.25	3.17	3.37	3.26	3.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	36.94	40.30	44.11	40.45	8.86	ppb
Boron	11-1	37.95	39.14	41.26	39.45	4.25	ppb
Cadmium	111-1	0.81	0.85	0.74	0.80	7.15	ppb
Cadmium	106-1	6.73	6.77	6.05	6.52	6.22	ppb
Cadmium	108-1	3.36	2.97	3.19	3.17	6.05	ppb
Calcium	43-1	137111.13	137833.26	143125.37	139356.59	2.36	ppb
Calcium	44-1	135827.40	136956.74	143856.67	138880.27	3.13	ppb
Chromium	52-2	79.04	77.53	79.35	78.64	1.24	ppb
Cobalt	59-2	45.72	45.59	45.95	45.75	0.40	ppb
Copper	63-2	112.43	111.86	112.86	112.38	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	89767.71	90689.75	90435.69	90297.72	0.53	ppb
Iron	57-2	90996.85	90881.17	91919.70	91265.91	0.62	ppb
Krypton	83-1						cps
Lead	206-1	52.25	52.25	54.56	53.02	2.52	ppb
Lead	207-1	46.39	46.81	49.09	47.43	3.06	ppb
Lead	208-1	49.64	49.76	51.90	50.43	2.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	53603.96	54083.34	54364.20	54017.17	0.71	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:50:04	DataFile Name :	053SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2709.72	2715.75	2724.77	2716.75	0.28	ppb
Molybdenum	94-1	44.08	44.20	46.25	44.84	2.73	ppb
Molybdenum	95-1	1.52	1.62	1.75	1.63	6.93	ppb
Molybdenum	96-1	6.77	6.75	7.26	6.93	4.18	ppb
Molybdenum	97-1	1.52	1.43	1.79	1.58	12.05	ppb
Molybdenum	98-1	1.53	1.60	1.73	1.62	6.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.91	108.60	109.73	108.74	0.84	ppb
Phosphorus	31-2	3311.62	2961.05	3106.87	3126.51	5.63	ppb
Potassium	39-2	12611.82	12445.66	12315.36	12457.61	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	136.99	237.11	132.90	169.00	34.93	ppb
Selenium	78-2	23.74	30.05	32.31	28.70	15.48	ppb
Selenium	82-1	2.71	2.17	2.20	2.36	12.86	ppb
Silicon	28-1	2393.00	2648.29	3510.50	2850.60	20.54	ppb
Silver	109-1	0.19	0.19	0.19	0.19	0.64	ppb
Silver	107-1	0.21	0.20	0.22	0.21	6.27	ppb
Sodium	23-2	1301.65	1342.90	1269.32	1304.62	2.83	ppb
Strontium	86-1	333.34	330.57	345.90	336.61	2.43	ppb
Strontium	88-1	338.86	336.76	346.90	340.84	1.57	ppb
Sulfur	34-1	8559.71	8498.84	9713.48	8924.01	7.67	ppb
Terbium	159-1				103		%
Terbium	159-2				110		%
Thallium	203-1	0.95	0.86	1.06	0.96	10.30	ppb
Thallium	205-1	0.92	0.94	0.99	0.95	3.88	ppb
Tin	118-1	0.64	0.69	0.69	0.68	4.12	ppb
Titanium	47-1	821.10	797.89	826.55	815.18	1.87	ppb
Uranium	238-1	5.64	5.56	5.86	5.69	2.70	ppb
Vanadium	51-2	93.47	93.64	94.33	93.81	0.49	ppb
Yttrium	89-1				120		%
Yttrium	89-2				124		%
Zinc	66-2	243.74	242.51	246.81	244.35	0.91	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:50:04	DataFile Name :	053SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	27.86	28.12	29.26	28.41	2.62	ppb
Zirconium	91-1	28.00	28.39	29.20	28.53	2.15	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:53:21	DataFile Name :	054SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54095.96	54649.57	54352.49	54366.01	0.51	ppb
Antimony	121-1	0.23	0.28	0.36	0.29	24.03	ppb
Arsenic	75-2	12.27	11.62	11.88	11.92	2.77	ppb
Barium	135-1	743.70	750.53	808.82	767.69	4.66	ppb
Barium	137-1	766.01	776.96	830.24	791.07	4.34	ppb
Beryllium	9-1	4.96	4.93	5.43	5.11	5.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	43.21	42.04	48.67	44.64	7.93	ppb
Boron	11-1	43.07	43.11	50.22	45.47	9.06	ppb
Cadmium	111-1	0.53	0.48	0.52	0.51	5.16	ppb
Cadmium	106-1	5.62	4.71	5.51	5.28	9.40	ppb
Cadmium	108-1	3.16	2.90	2.66	2.91	8.57	ppb
Calcium	43-1	88734.62	88183.69	93604.82	90174.38	3.31	ppb
Calcium	44-1	86562.63	86713.46	91477.84	88251.31	3.17	ppb
Chromium	52-2	92.37	91.04	93.49	92.30	1.33	ppb
Cobalt	59-2	48.47	48.15	49.00	48.54	0.88	ppb
Copper	63-2	79.77	80.23	80.93	80.31	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	83220.92	82579.13	83762.03	83187.36	0.71	ppb
Iron	57-2	84420.68	83757.27	83910.17	84029.37	0.41	ppb
Krypton	83-1						cps
Lead	206-1	65.29	64.88	71.81	67.32	5.78	ppb
Lead	207-1	59.53	58.81	63.57	60.64	4.22	ppb
Lead	208-1	62.86	62.28	67.43	64.19	4.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	49539.20	49114.85	49598.65	49417.57	0.53	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:53:21	DataFile Name :	054SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2381.50	2374.58	2406.83	2387.64	0.71	ppb
Molybdenum	94-1	40.99	41.28	43.98	42.08	3.93	ppb
Molybdenum	95-1	1.00	1.00	1.14	1.05	7.86	ppb
Molybdenum	96-1	6.06	6.10	6.35	6.17	2.53	ppb
Molybdenum	97-1	0.96	0.94	1.03	0.98	5.00	ppb
Molybdenum	98-1	0.90	0.97	1.03	0.97	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.74	113.26	116.16	114.72	1.26	ppb
Phosphorus	31-2	2335.45	2466.05	2223.16	2341.56	5.19	ppb
Potassium	39-2	20348.99	20474.45	20783.42	20535.62	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	207.99	169.64	171.40	183.01	11.83	ppb
Selenium	78-2	27.57	24.98	31.34	27.96	11.42	ppb
Selenium	82-1	1.63	1.48	1.99	1.70	15.33	ppb
Silicon	28-1	2850.32	3267.92	3351.52	3156.59	8.51	ppb
Silver	109-1	0.13	0.12	0.15	0.13	14.55	ppb
Silver	107-1	0.15	0.14	0.15	0.15	5.34	ppb
Sodium	23-2	1207.33	1186.69	1198.96	1197.66	0.87	ppb
Strontium	86-1	224.19	226.40	242.10	230.90	4.23	ppb
Strontium	88-1	228.02	229.27	246.56	234.62	4.42	ppb
Sulfur	34-1	1884.27	1690.63	2619.81	2064.91	23.74	ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	1.36	1.30	1.46	1.37	6.09	ppb
Thallium	205-1	1.27	1.31	1.43	1.34	6.20	ppb
Tin	118-1	0.56	0.58	0.68	0.60	10.23	ppb
Titanium	47-1	903.38	920.74	1008.26	944.13	5.95	ppb
Uranium	238-1	5.00	4.96	5.48	5.14	5.61	ppb
Vanadium	51-2	113.39	112.57	112.52	112.83	0.43	ppb
Yttrium	89-1				119		%
Yttrium	89-2				122		%
Zinc	66-2	213.25	213.89	217.78	214.97	1.14	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:53:21	DataFile Name :	054SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	26.45	26.56	28.53	27.18	4.32	ppb
Zirconium	91-1	26.71	26.49	28.46	27.22	3.96	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:56:38	DataFile Name :	055SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18829.49	18677.63	18737.72	18748.28	0.41	ppb
Antimony	121-1	0.15	0.20	0.24	0.19	23.49	ppb
Arsenic	75-2	4.22	4.19	4.58	4.33	5.00	ppb
Barium	135-1	816.96	757.94	758.98	777.96	4.34	ppb
Barium	137-1	833.98	777.91	773.37	795.09	4.25	ppb
Beryllium	9-1	1.88	1.82	1.68	1.79	5.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Boron	10-1	19.43	17.65	18.34	18.47	4.86	ppb
Boron	11-1	19.49	18.64	18.83	18.98	2.36	ppb
Cadmium	111-1	0.16	0.19	0.32	0.22	39.40	ppb
Cadmium	106-1	0.28	1.25	3.11	1.55	93.08	ppb
Cadmium	108-1	0.94	0.93	0.77	0.88	11.36	ppb
Calcium	43-1	72233.20	68130.46	68683.14	69682.27	3.20	ppb
Calcium	44-1	71425.60	67511.99	67894.77	68944.12	3.13	ppb
Chromium	52-2	35.20	35.95	36.56	35.90	1.89	ppb
Cobalt	59-2	19.62	20.14	19.61	19.79	1.53	ppb
Copper	63-2	43.12	43.27	43.64	43.34	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	32189.66	32333.60	32815.07	32446.11	1.01	ppb
Iron	57-2	32066.36	32276.17	32226.97	32189.83	0.34	ppb
Krypton	83-1						cps
Lead	206-1	21.25	19.67	19.26	20.06	5.24	ppb
Lead	207-1	18.85	17.56	17.08	17.83	5.13	ppb
Lead	208-1	20.17	18.62	18.40	19.06	5.06	ppb
Lithium	6-1				96		%
Magnesium	24-2	28351.85	29084.63	28581.58	28672.69	1.31	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:56:38	DataFile Name :	055SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1874.07	1868.28	1889.89	1877.42	0.60	ppb
Molybdenum	94-1	16.65	15.22	15.13	15.67	5.46	ppb
Molybdenum	95-1	0.42	0.46	0.53	0.47	11.53	ppb
Molybdenum	96-1	2.45	2.31	2.44	2.40	3.35	ppb
Molybdenum	97-1	0.49	0.45	0.52	0.49	7.17	ppb
Molybdenum	98-1	0.44	0.49	0.54	0.49	10.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.59	51.72	52.34	52.22	0.85	ppb
Phosphorus	31-2	2065.76	2002.77	1766.80	1945.11	8.10	ppb
Potassium	39-2	6035.20	6001.12	6009.84	6015.39	0.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	82.76	138.03	94.20	104.99	27.78	ppb
Selenium	78-2	15.52	13.66	19.05	16.08	17.04	ppb
Selenium	82-1	1.24	1.19	1.93	1.45	28.43	ppb
Silicon	28-1	1025.91	1014.49	992.50	1010.97	1.68	ppb
Silver	109-1	0.06	0.06	0.08	0.07	13.21	ppb
Silver	107-1	0.10	0.08	0.08	0.09	11.32	ppb
Sodium	23-2	590.67	589.03	617.85	599.18	2.70	ppb
Strontium	86-1	113.22	106.55	106.46	108.74	3.56	ppb
Strontium	88-1	117.43	111.31	109.44	112.73	3.70	ppb
Sulfur	34-1	-412.01	-1425.24	-1427.80	-1088.35		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.43	0.45	0.45	0.44	2.91	ppb
Thallium	205-1	0.50	0.45	0.42	0.46	8.47	ppb
Tin	118-1	0.32	0.29	0.32	0.31	4.89	ppb
Titanium	47-1	449.97	421.37	412.68	428.01	4.56	ppb
Uranium	238-1	2.55	2.45	2.40	2.46	3.14	ppb
Vanadium	51-2	41.73	41.98	42.44	42.05	0.86	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	84.03	82.43	84.84	83.77	1.46	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:56:38	DataFile Name :	055SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.65	9.94	9.61	10.06	5.28	ppb
Zirconium	91-1	10.59	9.81	9.73	10.04	4.69	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:59:56	DataFile Name :	056SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33854.68	34453.04	34679.94	34329.22	1.24	ppb
Antimony	121-1	0.17	0.19	0.23	0.20	16.20	ppb
Arsenic	75-2	12.20	12.38	11.64	12.07	3.21	ppb
Barium	135-1	695.30	690.45	682.02	689.26	0.98	ppb
Barium	137-1	710.60	701.94	697.70	703.41	0.93	ppb
Beryllium	9-1	2.79	2.98	2.91	2.89	3.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	31.49	32.86	30.71	31.69	3.44	ppb
Boron	11-1	32.83	32.33	32.54	32.57	0.77	ppb
Cadmium	111-1	0.54	0.59	0.60	0.58	5.52	ppb
Cadmium	106-1	3.95	5.08	4.67	4.57	12.61	ppb
Cadmium	108-1	2.05	2.02	2.09	2.05	1.80	ppb
Calcium	43-1	115725.39	116614.19	113000.39	115113.32	1.64	ppb
Calcium	44-1	114743.49	114210.98	112280.13	113744.87	1.14	ppb
Chromium	52-2	59.13	59.35	59.82	59.43	0.59	ppb
Cobalt	59-2	36.06	35.74	36.78	36.19	1.47	ppb
Copper	63-2	96.50	97.75	99.17	97.81	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	64395.11	64248.91	66015.22	64886.41	1.51	ppb
Iron	57-2	63806.31	64026.32	64861.77	64231.47	0.87	ppb
Krypton	83-1						cps
Lead	206-1	41.08	41.26	41.11	41.15	0.23	ppb
Lead	207-1	36.89	37.10	36.58	36.86	0.71	ppb
Lead	208-1	39.11	39.10	38.93	39.05	0.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	47065.36	46712.83	47756.16	47178.12	1.12	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:59:56	DataFile Name :	056SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2227.39	2236.32	2281.07	2248.26	1.28	ppb
Molybdenum	94-1	33.15	33.74	33.52	33.47	0.89	ppb
Molybdenum	95-1	1.13	1.09	1.23	1.15	6.19	ppb
Molybdenum	96-1	5.24	5.13	5.29	5.22	1.55	ppb
Molybdenum	97-1	1.20	1.25	1.22	1.22	2.02	ppb
Molybdenum	98-1	1.14	1.19	1.19	1.17	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.85	90.00	92.84	90.90	1.85	ppb
Phosphorus	31-2	3608.36	3385.08	3267.22	3420.22	5.07	ppb
Potassium	39-2	10911.93	11141.89	11155.11	11069.64	1.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	167.76	186.87	216.23	190.29	12.83	ppb
Selenium	78-2	26.92	17.05	18.77	20.91	25.21	ppb
Selenium	82-1	2.10	2.21	2.20	2.17	2.92	ppb
Silicon	28-1	1717.29	1690.94	1932.40	1780.21	7.44	ppb
Silver	109-1	0.11	0.13	0.12	0.12	8.21	ppb
Silver	107-1	0.14	0.13	0.12	0.13	4.53	ppb
Sodium	23-2	1035.12	1034.71	1062.31	1044.05	1.52	ppb
Strontium	86-1	258.42	251.46	252.16	254.02	1.51	ppb
Strontium	88-1	261.18	255.33	256.98	257.83	1.17	ppb
Sulfur	34-1	5404.23	5399.17	5207.73	5337.04	2.10	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.83	0.85	0.86	0.84	1.71	ppb
Thallium	205-1	0.86	0.88	0.82	0.85	3.96	ppb
Tin	118-1	0.43	0.46	0.44	0.45	4.09	ppb
Titanium	47-1	700.83	705.10	686.32	697.41	1.41	ppb
Uranium	238-1	7.09	7.16	7.23	7.16	0.95	ppb
Vanadium	51-2	77.41	77.35	77.10	77.29	0.21	ppb
Yttrium	89-1				119		%
Yttrium	89-2				120		%
Zinc	66-2	179.16	175.52	178.60	177.76	1.10	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:59:56	DataFile Name :	056SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	21.64	21.10	21.34	21.36	1.27	ppb
Zirconium	91-1	21.30	21.48	21.03	21.27	1.05	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:03:13	DataFile Name :	057SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72584.99	80455.81	71753.74	74931.51	6.41	ppb
Antimony	121-1	0.12	0.18	0.16	0.15	18.88	ppb
Arsenic	75-2	19.87	22.53	19.06	20.48	8.88	ppb
Barium	135-1	774.61	800.91	807.60	794.38	2.20	ppb
Barium	137-1	797.10	809.33	806.12	804.19	0.79	ppb
Beryllium	9-1	4.59	4.38	4.58	4.52	2.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	53.35	53.43	46.58	51.12	7.69	ppb
Boron	11-1	47.82	49.67	50.25	49.25	2.57	ppb
Cadmium	111-1	0.90	0.98	0.91	0.93	4.83	ppb
Cadmium	106-1	8.87	10.56	8.83	9.42	10.49	ppb
Cadmium	108-1	4.80	4.45	5.55	4.93	11.38	ppb
Calcium	43-1	125321.45	124286.62	124441.53	124683.20	0.45	ppb
Calcium	44-1	122642.44	122842.93	123013.05	122832.81	0.15	ppb
Chromium	52-2	113.53	124.00	111.63	116.39	5.72	ppb
Cobalt	59-2	64.57	70.58	63.87	66.34	5.56	ppb
Copper	63-2	142.96	157.14	141.28	147.13	5.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	141499.09	156252.00	139038.34	145596.48	6.39	ppb
Iron	57-2	144293.72	159628.58	142479.05	148800.45	6.33	ppb
Krypton	83-1						cps
Lead	206-1	72.00	73.47	73.79	73.09	1.31	ppb
Lead	207-1	65.61	65.27	65.62	65.50	0.30	ppb
Lead	208-1	68.55	69.28	69.73	69.19	0.86	ppb
Lithium	6-1				99		%
Magnesium	24-2	60207.40	65823.03	59626.09	61885.51	5.53	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:03:13	DataFile Name :	057SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3229.34	3578.63	3206.68	3338.22	6.25	ppb
Molybdenum	94-1	81.61	82.79	82.64	82.35	0.78	ppb
Molybdenum	95-1	1.60	1.67	1.62	1.63	2.40	ppb
Molybdenum	96-1	11.21	11.80	11.65	11.55	2.64	ppb
Molybdenum	97-1	1.48	1.57	1.60	1.55	3.86	ppb
Molybdenum	98-1	1.60	1.63	1.58	1.60	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.70	158.60	144.49	149.60	5.23	ppb
Phosphorus	31-2	2392.85	3144.30	3169.87	2902.34	15.21	ppb
Potassium	39-2	15417.14	17120.10	15352.84	15963.36	6.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	77-2	209.21	265.01	207.19	227.13	14.45	ppb
Selenium	78-2	35.40	34.99	42.61	37.67	11.37	ppb
Selenium	82-1	3.24	2.77	2.12	2.71	20.71	ppb
Silicon	28-1	4116.82	3339.11	4145.32	3867.08	11.83	ppb
Silver	109-1	0.22	0.22	0.25	0.23	9.34	ppb
Silver	107-1	0.26	0.26	0.31	0.28	11.08	ppb
Sodium	23-2	1343.99	1463.67	1327.79	1378.48	5.38	ppb
Strontium	86-1	341.91	339.94	348.56	343.47	1.32	ppb
Strontium	88-1	345.07	344.35	351.32	346.91	1.11	ppb
Sulfur	34-1	5711.19	5514.48	5843.47	5689.71	2.91	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.06	1.01	1.08	1.05	3.21	ppb
Thallium	205-1	1.00	1.01	0.99	1.00	1.09	ppb
Tin	118-1	0.56	0.61	0.61	0.60	5.25	ppb
Titanium	47-1	982.51	993.74	998.38	991.54	0.82	ppb
Uranium	238-1	5.01	4.96	5.08	5.01	1.22	ppb
Vanadium	51-2	125.60	137.97	124.67	129.41	5.74	ppb
Yttrium	89-1				126		%
Yttrium	89-2				122		%
Zinc	66-2	326.22	362.87	324.07	337.72	6.46	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:03:13	DataFile Name :	057SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.01	52.21	53.10	52.44	1.11	ppb
Zirconium	91-1	52.07	52.23	52.71	52.33	0.64	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:06:29	DataFile Name :	058SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44490.22	42016.05	42084.88	42863.71	3.29	ppb
Antimony	121-1	0.10	0.12	0.13	0.11	11.80	ppb
Arsenic	75-2	14.85	14.14	14.50	14.50	2.47	ppb
Barium	135-1	527.58	529.28	527.30	528.05	0.20	ppb
Barium	137-1	534.47	538.54	532.55	535.19	0.57	ppb
Beryllium	9-1	3.07	3.11	3.34	3.17	4.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	30.90	33.00	32.05	31.98	3.30	ppb
Boron	11-1	31.11	32.05	32.14	31.77	1.79	ppb
Cadmium	111-1	0.59	0.67	0.73	0.66	10.66	ppb
Cadmium	106-1	4.87	5.87	6.39	5.71	13.50	ppb
Cadmium	108-1	2.46	2.77	2.58	2.60	5.91	ppb
Calcium	43-1	133559.73	132295.26	133421.71	133092.23	0.52	ppb
Calcium	44-1	132433.19	130378.25	132198.76	131670.07	0.85	ppb
Chromium	52-2	77.16	73.09	73.46	74.57	3.02	ppb
Cobalt	59-2	46.67	43.87	44.28	44.94	3.37	ppb
Copper	63-2	114.86	109.24	108.75	110.95	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	86233.15	81772.10	81568.58	83191.28	3.17	ppb
Iron	57-2	88108.14	82305.34	82168.51	84194.00	4.03	ppb
Krypton	83-1						cps
Lead	206-1	49.54	49.29	49.60	49.47	0.33	ppb
Lead	207-1	44.87	44.39	44.55	44.60	0.54	ppb
Lead	208-1	47.02	46.79	46.94	46.91	0.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	55564.55	52650.32	52490.18	53568.35	3.23	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:06:29	DataFile Name :	058SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2714.37	2568.31	2558.58	2613.75	3.34	ppb
Molybdenum	94-1	40.16	43.64	40.33	41.37	4.74	ppb
Molybdenum	95-1	1.12	1.17	1.18	1.15	2.88	ppb
Molybdenum	96-1	6.18	6.02	5.87	6.02	2.51	ppb
Molybdenum	97-1	1.11	1.17	1.19	1.16	3.50	ppb
Molybdenum	98-1	1.10	1.11	1.18	1.13	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.36	107.02	107.97	109.78	3.64	ppb
Phosphorus	31-2	3992.86	3243.42	3299.99	3512.09	11.88	ppb
Potassium	39-2	12964.31	12223.48	12228.19	12471.99	3.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	142.96	137.25	211.12	163.78	25.09	ppb
Selenium	78-2	30.47	31.97	24.33	28.92	14.00	ppb
Selenium	82-1	2.29	1.54	2.23	2.02	20.69	ppb
Silicon	28-1	1770.54	2224.19	1798.37	1931.03	13.17	ppb
Silver	109-1	0.23	0.22	0.21	0.22	3.38	ppb
Silver	107-1	0.26	0.23	0.25	0.25	5.59	ppb
Sodium	23-2	1110.59	1069.68	1032.68	1070.98	3.64	ppb
Strontium	86-1	314.88	312.70	314.89	314.16	0.40	ppb
Strontium	88-1	320.60	322.53	316.97	320.03	0.88	ppb
Sulfur	34-1	7881.01	7225.52	7784.80	7630.44	4.64	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.89	0.93	0.94	0.92	2.90	ppb
Thallium	205-1	0.96	0.97	0.92	0.95	2.42	ppb
Tin	118-1	0.45	0.48	0.50	0.48	5.14	ppb
Titanium	47-1	730.27	723.17	755.31	736.25	2.29	ppb
Uranium	238-1	7.88	7.69	7.85	7.81	1.32	ppb
Vanadium	51-2	94.99	88.82	89.09	90.97	3.83	ppb
Yttrium	89-1				122		%
Yttrium	89-2				121		%
Zinc	66-2	232.82	223.88	224.15	226.95	2.24	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:06:29	DataFile Name :	058SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	26.41	26.01	26.25	26.22	0.76	ppb
Zirconium	91-1	25.76	25.86	25.78	25.80	0.21	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:09:45	DataFile Name :	059SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41416.79	41498.18	41273.66	41396.21	0.27	ppb
Antimony	121-1	0.08	0.10	0.12	0.10	18.34	ppb
Arsenic	75-2	13.43	14.39	14.05	13.96	3.50	ppb
Barium	135-1	534.93	537.41	534.08	535.47	0.32	ppb
Barium	137-1	541.14	547.92	537.45	542.17	0.98	ppb
Beryllium	9-1	3.37	3.12	3.04	3.18	5.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	29.59	32.10	34.65	32.11	7.87	ppb
Boron	11-1	30.86	32.99	33.74	32.53	4.58	ppb
Cadmium	111-1	0.61	0.62	0.72	0.65	9.47	ppb
Cadmium	106-1	4.69	5.18	5.44	5.10	7.50	ppb
Cadmium	108-1	2.10	2.42	2.62	2.38	11.04	ppb
Calcium	43-1	132403.76	131439.00	131139.18	131660.65	0.50	ppb
Calcium	44-1	130421.02	131440.46	129501.08	130454.19	0.74	ppb
Chromium	52-2	71.94	72.28	71.46	71.90	0.57	ppb
Cobalt	59-2	43.30	43.53	43.41	43.41	0.26	ppb
Copper	63-2	106.96	107.81	107.97	107.58	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	80089.06	80403.86	79625.98	80039.63	0.49	ppb
Iron	57-2	79659.25	80611.72	80959.04	80410.01	0.84	ppb
Krypton	83-1						cps
Lead	206-1	47.36	48.96	48.34	48.22	1.67	ppb
Lead	207-1	42.41	44.28	43.63	43.44	2.19	ppb
Lead	208-1	44.91	46.55	46.10	45.85	1.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	52405.49	52110.50	52041.61	52185.87	0.37	ppb

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : J2730-10DUPDLX2 Instrumnet Name : P8
 Client Sample ID : EPE-F-6A(90-92)DUPDL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-04 19:09:45 DataFile Name : 059SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2538.18	2536.20	2539.99	2538.12	0.07	ppb
Molybdenum	94-1	39.05	38.99	39.49	39.18	0.70	ppb
Molybdenum	95-1	1.18	1.13	1.12	1.14	3.00	ppb
Molybdenum	96-1	5.97	5.72	5.92	5.87	2.22	ppb
Molybdenum	97-1	1.08	1.18	1.10	1.12	4.59	ppb
Molybdenum	98-1	1.14	1.14	1.13	1.14	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.34	105.68	107.81	106.28	1.26	ppb
Phosphorus	31-2	3145.37	2907.66	3338.02	3130.35	6.89	ppb
Potassium	39-2	12017.62	11975.29	12032.09	12008.33	0.25	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	153.04	175.75	167.30	165.36	6.94	ppb
Selenium	78-2	27.37	22.02	23.51	24.30	11.35	ppb
Selenium	82-1	2.41	1.94	1.42	1.92	25.66	ppb
Silicon	28-1	1701.84	2549.54	1780.30	2010.56	23.30	ppb
Silver	109-1	0.21	0.23	0.19	0.21	7.87	ppb
Silver	107-1	0.24	0.24	0.25	0.25	2.68	ppb
Sodium	23-2	1071.35	1035.47	1043.14	1049.99	1.80	ppb
Strontium	86-1	306.16	307.26	310.83	308.08	0.79	ppb
Strontium	88-1	313.41	310.02	312.66	312.03	0.57	ppb
Sulfur	34-1	7559.31	7610.32	7127.26	7432.30	3.57	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.81	0.97	0.92	0.90	9.10	ppb
Thallium	205-1	0.89	0.92	0.93	0.91	2.26	ppb
Tin	118-1	0.53	0.49	0.53	0.52	4.14	ppb
Titanium	47-1	720.73	745.60	712.00	726.11	2.40	ppb
Uranium	238-1	7.58	7.55	7.52	7.55	0.46	ppb
Vanadium	51-2	86.30	86.87	87.01	86.73	0.43	ppb
Yttrium	89-1				121		%
Yttrium	89-2				121		%
Zinc	66-2	217.82	220.59	223.67	220.70	1.32	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:09:45	DataFile Name :	059SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	25.76	25.21	25.41	25.46	1.09	ppb
Zirconium	91-1	25.24	26.90	26.48	26.21	3.30	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 19:13:01	DataFile Name :	060SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8832.13	8653.64	8692.66	8726.15	1.08	ppb
Antimony	121-1	0.03	0.06	0.07	0.05	31.67	ppb
Arsenic	75-2	2.89	3.10	3.05	3.01	3.61	ppb
Barium	135-1	106.03	102.44	107.45	105.31	2.46	ppb
Barium	137-1	104.07	102.00	105.60	103.89	1.74	ppb
Beryllium	9-1	0.67	0.76	0.76	0.73	6.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	10.59	10.02	9.38	10.00	6.07	ppb
Boron	11-1	10.21	9.67	10.12	10.00	2.89	ppb
Cadmium	111-1	0.08	0.04	0.14	0.09	58.93	ppb
Cadmium	106-1	0.22	-0.28	1.38	0.44	192.39	ppb
Cadmium	108-1	0.35	0.50	0.63	0.49	28.32	ppb
Calcium	43-1	27068.89	27169.61	27105.22	27114.57	0.19	ppb
Calcium	44-1	27404.39	27413.68	27435.99	27418.02	0.06	ppb
Chromium	52-2	14.92	15.36	15.17	15.15	1.47	ppb
Cobalt	59-2	9.27	9.19	9.24	9.23	0.48	ppb
Copper	63-2	22.79	22.99	23.02	22.93	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	17060.51	16959.79	17168.35	17062.88	0.61	ppb
Iron	57-2	16743.91	16853.53	17032.85	16876.76	0.86	ppb
Krypton	83-1						cps
Lead	206-1	9.53	9.58	9.56	9.56	0.27	ppb
Lead	207-1	8.68	8.45	8.70	8.61	1.65	ppb
Lead	208-1	9.11	9.13	9.21	9.15	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	10567.34	10647.13	10564.22	10592.90	0.44	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 19:13:01	DataFile Name :	060SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	531.91	536.60	532.32	533.61	0.49	ppb
Molybdenum	94-1	8.76	8.60	8.75	8.70	1.04	ppb
Molybdenum	95-1	0.29	0.28	0.31	0.29	5.82	ppb
Molybdenum	96-1	1.42	1.33	1.39	1.38	3.28	ppb
Molybdenum	97-1	0.28	0.31	0.28	0.29	5.57	ppb
Molybdenum	98-1	0.25	0.28	0.27	0.27	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.83	22.52	22.42	22.59	0.94	ppb
Phosphorus	31-2	788.32	584.51	660.63	677.82	15.19	ppb
Potassium	39-2	2501.39	2573.63	2465.92	2513.65	2.18	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	34.26	34.76	26.78	31.93	14.00	ppb
Selenium	78-2	7.45	3.37	8.08	6.30	40.60	ppb
Selenium	82-1	0.63	1.16	1.58	1.12	42.46	ppb
Silicon	28-1	527.41	350.88	280.18	386.16	32.97	ppb
Silver	109-1	0.05	0.05	0.05	0.05	6.28	ppb
Silver	107-1	0.06	0.06	0.03	0.05	30.24	ppb
Sodium	23-2	221.41	222.31	237.55	227.09	3.99	ppb
Strontium	86-1	67.90	68.26	68.54	68.23	0.47	ppb
Strontium	88-1	72.26	70.13	71.28	71.22	1.50	ppb
Sulfur	34-1	202.51	228.79	377.98	269.76	35.08	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.22	0.19	0.21	0.21	6.64	ppb
Thallium	205-1	0.22	0.18	0.19	0.20	11.32	ppb
Tin	118-1	0.11	0.13	0.12	0.12	8.92	ppb
Titanium	47-1	151.39	148.33	148.86	149.52	1.09	ppb
Uranium	238-1	1.53	1.50	1.53	1.52	0.95	ppb
Vanadium	51-2	18.05	18.51	18.42	18.33	1.35	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	47.66	46.12	47.08	46.95	1.65	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 19:13:01	DataFile Name :	060SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.54	5.56	5.60	5.57	0.51	ppb
Zirconium	91-1	5.75	5.63	5.46	5.61	2.55	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:16:21	DataFile Name :	061SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51495.41	51635.19	52439.22	51856.61	0.98	ppb
Antimony	121-1	117.19	113.94	117.06	116.06	1.59	ppb
Arsenic	75-2	229.67	228.72	230.82	229.74	0.46	ppb
Barium	135-1	1930.45	1830.08	1874.62	1878.38	2.68	ppb
Barium	137-1	1861.49	1829.70	1848.26	1846.48	0.86	ppb
Beryllium	9-1	269.00	268.22	263.25	266.82	1.17	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	275.74	268.93	276.97	273.88	1.58	ppb
Boron	11-1	272.54	291.87	282.56	282.33	3.42	ppb
Cadmium	111-1	254.13	245.18	249.53	249.61	1.79	ppb
Cadmium	106-1	264.20	248.35	255.54	256.03	3.10	ppb
Cadmium	108-1	259.27	247.74	260.73	255.91	2.78	ppb
Calcium	43-1	154496.26	153553.99	152796.34	153615.53	0.55	ppb
Calcium	44-1	154956.35	152550.73	152626.67	153377.92	0.89	ppb
Chromium	52-2	324.18	323.79	325.07	324.35	0.20	ppb
Cobalt	59-2	280.03	279.99	282.18	280.73	0.45	ppb
Copper	63-2	550.04	553.80	559.68	554.51	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	95895.74	96641.97	97055.99	96531.23	0.61	ppb
Iron	57-2	97160.13	96901.55	98808.55	97623.41	1.06	ppb
Krypton	83-1						cps
Lead	206-1	305.93	306.70	306.62	306.42	0.14	ppb
Lead	207-1	295.50	295.94	296.15	295.86	0.11	ppb
Lead	208-1	310.38	306.66	306.64	307.89	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	77154.49	76879.65	77311.54	77115.23	0.28	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:16:21	DataFile Name :	061SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3007.54	3029.37	3030.14	3022.35	0.42	ppb
Molybdenum	94-1	1130.12	1117.67	1123.45	1123.75	0.55	ppb
Molybdenum	95-1	1052.31	1028.22	1047.58	1042.70	1.22	ppb
Molybdenum	96-1	1057.96	1042.23	1059.54	1053.24	0.91	ppb
Molybdenum	97-1	1062.38	1033.86	1059.29	1051.84	1.49	ppb
Molybdenum	98-1	1047.32	1029.08	1048.69	1041.70	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	346.92	344.99	344.47	345.46	0.37	ppb
Phosphorus	31-2	3403.99	3221.74	3448.66	3358.13	3.58	ppb
Potassium	39-2	25769.73	25764.14	25487.91	25673.93	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	379.24	444.43	403.54	409.07	8.05	ppb
Selenium	78-2	255.86	250.26	236.88	247.66	3.94	ppb
Selenium	82-1	219.68	215.17	215.87	216.90	1.12	ppb
Silicon	28-1	4025.61	5215.90	3997.98	4413.17	15.76	ppb
Silver	109-1	26.32	25.45	26.02	25.93	1.70	ppb
Silver	107-1	26.68	25.87	37.54	30.03	21.71	ppb
Sodium	23-2	25960.56	25423.65	26086.40	25823.54	1.36	ppb
Strontium	86-1	552.12	538.61	540.14	543.62	1.36	ppb
Strontium	88-1	544.87	542.38	541.14	542.80	0.35	ppb
Sulfur	34-1	8020.29	7513.25	7661.77	7731.77	3.37	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	256.97	262.37	259.99	259.78	1.04	ppb
Thallium	205-1	263.45	267.39	263.92	264.92	0.81	ppb
Tin	118-1	256.02	251.95	257.20	255.06	1.08	ppb
Titanium	47-1	2425.49	2344.45	2372.59	2380.84	1.73	ppb
Uranium	238-1	265.36	260.61	264.95	263.64	1.00	ppb
Vanadium	51-2	338.67	340.89	341.45	340.33	0.43	ppb
Yttrium	89-1				120		%
Yttrium	89-2				122		%
Zinc	66-2	665.38	666.50	675.45	669.11	0.82	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:16:21	DataFile Name :	061SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	261.73	258.75	259.17	259.89	0.62	ppb
Zirconium	91-1	256.29	254.88	254.03	255.07	0.45	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:19:32	DataFile Name :	062CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50274.45	49294.86	50153.50	49907.60	1.07	ppb
Antimony	121-1	513.41	539.85	513.60	522.29	2.91	ppb
Arsenic	75-2	489.58	478.77	473.35	480.57	1.72	ppb
Barium	135-1	2609.93	2747.56	2595.24	2650.91	3.17	ppb
Barium	137-1	2592.61	2738.99	2582.86	2638.15	3.32	ppb
Beryllium	9-1	531.13	546.67	520.89	532.90	2.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Boron	10-1	535.43	579.23	541.51	552.05	4.30	ppb
Boron	11-1	520.89	563.11	538.17	540.72	3.93	ppb
Cadmium	111-1	490.33	529.14	497.05	505.51	4.10	ppb
Cadmium	106-1	503.79	545.54	511.04	520.13	4.29	ppb
Cadmium	108-1	505.88	530.97	512.49	516.44	2.52	ppb
Calcium	43-1	242104.16	248797.46	237937.62	242946.41	2.26	ppb
Calcium	44-1	241136.70	249334.56	242424.07	244298.44	1.80	ppb
Chromium	52-2	492.53	485.44	481.84	486.60	1.12	ppb
Cobalt	59-2	461.14	455.49	457.49	458.04	0.63	ppb
Copper	63-2	917.18	903.69	895.54	905.47	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	118312.69	115736.70	116326.53	116791.98	1.16	ppb
Iron	57-2	120500.11	117665.09	118269.90	118811.70	1.26	ppb
Krypton	83-1						cps
Lead	206-1	516.10	528.65	517.88	520.88	1.30	ppb
Lead	207-1	508.41	528.66	509.13	515.40	2.23	ppb
Lead	208-1	511.15	530.22	515.27	518.88	1.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	250561.42	244217.21	247371.51	247383.38	1.28	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:19:32	DataFile Name :	062CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	971.15	953.87	965.98	963.67	0.92	ppb
Molybdenum	94-1	2473.77	2543.76	2466.76	2494.76	1.71	ppb
Molybdenum	95-1	2456.07	2558.31	2493.85	2502.74	2.07	ppb
Molybdenum	96-1	2469.34	2537.14	2467.30	2491.26	1.60	ppb
Molybdenum	97-1	2460.90	2549.32	2464.73	2491.65	2.01	ppb
Molybdenum	98-1	2483.25	2577.20	2488.40	2516.28	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.12	458.82	455.48	460.47	1.30	ppb
Phosphorus	31-2	9444.13	9457.95	9541.35	9481.15	0.55	ppb
Potassium	39-2	127443.84	125017.32	126527.63	126329.60	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	77-2	482.18	501.04	497.86	493.70	2.05	ppb
Selenium	78-2	481.00	478.84	454.17	471.33	3.16	ppb
Selenium	82-1	483.62	503.49	491.64	492.92	2.03	ppb
Silicon	28-1	517.60	546.55	536.93	533.69	2.76	ppb
Silver	109-1	522.07	562.53	530.02	538.21	3.98	ppb
Silver	107-1	525.72	563.78	531.74	540.41	3.79	ppb
Sodium	23-2	248416.24	243371.23	244615.11	245467.53	1.07	ppb
Strontium	86-1	515.24	531.43	517.96	521.54	1.66	ppb
Strontium	88-1	516.83	529.30	516.12	520.75	1.42	ppb
Sulfur	34-1	10262.36	11385.53	10249.18	10632.36	6.14	ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	511.49	524.87	526.45	520.94	1.58	ppb
Thallium	205-1	507.55	525.65	516.32	516.51	1.75	ppb
Tin	118-1	520.75	553.61	520.07	531.48	3.61	ppb
Titanium	47-1	2480.69	2598.33	2500.37	2526.46	2.49	ppb
Uranium	238-1	499.28	514.88	498.71	504.29	1.82	ppb
Vanadium	51-2	487.13	475.76	478.89	480.59	1.22	ppb
Yttrium	89-1				107		%
Yttrium	89-2				114		%
Zinc	66-2	926.57	907.11	919.22	917.63	1.07	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:19:32	DataFile Name :	062CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.71	509.82	503.56	501.70	1.83	ppb
Zirconium	91-1	508.25	524.11	512.18	514.85	1.60	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:22:40	DataFile Name :	063CCBE_P8050418-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.34	2.61	-1.34	-0.35		ppb
Antimony	121-1	1.84	1.79	2.15	1.93	10.16	ppb
Arsenic	75-2	0.14	0.25	0.22	0.20	26.97	ppb
Barium	135-1	0.17	0.12	0.11	0.13	21.96	ppb
Barium	137-1	0.14	0.07	0.09	0.10	33.55	ppb
Beryllium	9-1	0.10	0.11	0.09	0.10	8.54	ppb
Bismuth	209-1				96		%
Bismuth	209-2				106		%
Boron	10-1	20.98	19.06	17.68	19.24	8.62	ppb
Boron	11-1	20.93	18.61	17.67	19.07	8.80	ppb
Cadmium	111-1	0.06	-0.05	0.09	0.03	217.19	ppb
Cadmium	106-1	0.05	-1.21	0.88	-0.09		ppb
Cadmium	108-1	0.20	-0.10	0.22	0.11	168.94	ppb
Calcium	43-1	4.79	-6.04	7.69	2.15	337.33	ppb
Calcium	44-1	3.77	5.53	16.56	8.62	80.37	ppb
Chromium	52-2	-0.07	-0.09	-0.12	-0.09		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	-0.02	-0.06	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				111		%
Iron	56-2	5.87	5.63	5.28	5.59	5.34	ppb
Iron	57-2	8.12	5.53	2.96	5.54	46.65	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.11	0.09	23.47	ppb
Lead	207-1	0.07	0.08	0.07	0.08	8.63	ppb
Lead	208-1	0.08	0.08	0.09	0.09	9.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	9.35	8.96	7.55	8.62	10.96	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:22:40	DataFile Name :	063CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.16	0.06	0.13	0.12	46.22	ppb
Molybdenum	94-1	1.31	1.42	1.59	1.44	9.66	ppb
Molybdenum	95-1	1.42	1.69	2.09	1.73	19.66	ppb
Molybdenum	96-1	1.32	1.52	1.97	1.60	20.88	ppb
Molybdenum	97-1	1.38	1.52	2.17	1.69	24.84	ppb
Molybdenum	98-1	1.28	1.61	2.00	1.63	22.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.07	-0.03	0.02	298.97	ppb
Phosphorus	31-2	-5.37	-5.37	-5.37	-5.37		ppb
Potassium	39-2	41.44	51.99	29.92	41.12	26.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				111		%
Scandium	45-1				107		%
Scandium	45-2				112		%
Selenium	77-2	3.80	3.85	0.00	2.55	86.61	ppb
Selenium	78-2	0.37	2.17	2.18	1.57	66.44	ppb
Selenium	82-1	0.25	0.97	0.28	0.50	81.28	ppb
Silicon	28-1	-12.57	-13.18	1.61	-8.05		ppb
Silver	109-1	0.02	0.04	0.03	0.03	32.25	ppb
Silver	107-1	0.03	0.03	0.04	0.03	16.52	ppb
Sodium	23-2	63.34	56.16	68.92	62.81	10.18	ppb
Strontium	86-1	-0.05	0.01	0.04	0.00	2414.49	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	10.12	ppb
Sulfur	34-1	-1750.74	-1869.39	-479.49	-1366.54		ppb
Terbium	159-1				98		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.30	0.25	0.26	10.72	ppb
Thallium	205-1	0.26	0.24	0.25	0.25	4.67	ppb
Tin	118-1	0.34	0.38	0.47	0.40	15.88	ppb
Titanium	47-1	0.28	0.13	0.25	0.22	34.63	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	7.55	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	190.08	ppb
Yttrium	89-1				105		%
Yttrium	89-2				113		%
Zinc	66-2	0.07	0.00	0.09	0.05	95.50	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:22:40	DataFile Name :	063CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.13	0.14	0.13	7.12	ppb
Zirconium	91-1	0.14	0.10	0.10	0.11	20.56	ppb

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : J2730-10MSDDLX2 Instrumnet Name : P8
 Client Sample ID : EPE-F-6A(90-92)MSDDL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-04 19:26:00 DataFile Name : 064SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51226.87	50794.62	50853.82	50958.44	0.46	ppb
Antimony	121-1	120.82	119.30	119.93	120.02	0.64	ppb
Arsenic	75-2	227.83	226.29	228.97	227.70	0.59	ppb
Barium	135-1	1932.50	1844.89	1872.57	1883.32	2.38	ppb
Barium	137-1	1859.12	1850.53	1866.62	1858.75	0.43	ppb
Beryllium	9-1	267.59	262.12	262.01	263.91	1.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				104		%
Boron	10-1	279.96	284.48	291.28	285.24	2.00	ppb
Boron	11-1	279.06	280.27	285.01	281.45	1.12	ppb
Cadmium	111-1	252.02	251.14	250.37	251.18	0.33	ppb
Cadmium	106-1	263.89	256.90	256.87	259.22	1.56	ppb
Cadmium	108-1	259.15	257.34	257.56	258.02	0.38	ppb
Calcium	43-1	145454.63	145050.54	146476.25	145660.47	0.50	ppb
Calcium	44-1	144343.54	145785.26	144491.06	144873.29	0.55	ppb
Chromium	52-2	322.16	318.26	318.18	319.53	0.71	ppb
Cobalt	59-2	277.92	272.93	274.89	275.24	0.91	ppb
Copper	63-2	547.29	538.08	542.10	542.49	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	93186.15	91677.89	92591.46	92485.17	0.82	ppb
Iron	57-2	95423.39	93140.05	93928.43	94163.95	1.23	ppb
Krypton	83-1						cps
Lead	206-1	302.46	302.97	297.90	301.11	0.93	ppb
Lead	207-1	291.91	294.57	291.41	292.63	0.58	ppb
Lead	208-1	302.17	305.37	304.96	304.17	0.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	76348.05	75813.63	76033.20	76064.96	0.35	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:26:00	DataFile Name :	064SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2949.62	2895.13	2899.04	2914.60	1.04	ppb
Molybdenum	94-1	1120.09	1128.39	1104.40	1117.63	1.09	ppb
Molybdenum	95-1	1044.31	1045.55	1030.78	1040.21	0.79	ppb
Molybdenum	96-1	1049.86	1057.55	1043.29	1050.24	0.68	ppb
Molybdenum	97-1	1054.53	1057.35	1050.13	1054.00	0.35	ppb
Molybdenum	98-1	1037.79	1054.45	1029.15	1040.46	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	340.78	337.43	336.70	338.30	0.64	ppb
Phosphorus	31-2	3109.75	3236.93	3203.46	3183.38	2.07	ppb
Potassium	39-2	26096.27	25890.07	25942.19	25976.18	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	510.69	424.35	410.00	448.35	12.15	ppb
Selenium	78-2	219.00	241.75	251.34	237.36	7.00	ppb
Selenium	82-1	215.20	215.43	217.35	215.99	0.55	ppb
Silicon	28-1	4544.77	4354.22	4816.29	4571.76	5.08	ppb
Silver	109-1	24.95	24.81	25.32	25.03	1.05	ppb
Silver	107-1	25.30	24.94	25.52	25.25	1.15	ppb
Sodium	23-2	25953.68	25133.72	25701.19	25596.20	1.64	ppb
Strontium	86-1	528.69	528.59	527.20	528.16	0.16	ppb
Strontium	88-1	526.01	525.94	522.45	524.80	0.39	ppb
Sulfur	34-1	6065.78	6072.16	6264.36	6134.10	1.84	ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	253.63	257.94	254.42	255.33	0.90	ppb
Thallium	205-1	265.03	262.23	258.60	261.95	1.23	ppb
Tin	118-1	258.13	255.57	260.01	257.90	0.87	ppb
Titanium	47-1	2315.13	2364.34	2325.74	2335.07	1.11	ppb
Uranium	238-1	260.38	256.10	259.18	258.55	0.85	ppb
Vanadium	51-2	335.80	330.88	333.55	333.41	0.74	ppb
Yttrium	89-1				120		%
Yttrium	89-2				124		%
Zinc	66-2	669.26	655.05	653.96	659.42	1.29	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:26:00	DataFile Name :	064SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.63	255.85	251.01	252.83	1.04	ppb
Zirconium	91-1	251.71	250.80	248.67	250.39	0.62	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:29:12	DataFile Name :	065SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52002.04	51691.10	51892.36	51861.83	0.30	ppb
Antimony	121-1	119.11	127.05	119.54	121.90	3.66	ppb
Arsenic	75-2	232.10	227.72	226.98	228.93	1.21	ppb
Barium	135-1	1893.37	2015.10	1891.68	1933.38	3.66	ppb
Barium	137-1	1862.03	1984.07	1867.23	1904.44	3.62	ppb
Beryllium	9-1	270.58	278.31	262.37	270.42	2.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				106		%
Boron	10-1	288.35	300.03	297.75	295.38	2.10	ppb
Boron	11-1	285.22	304.10	294.64	294.65	3.20	ppb
Cadmium	111-1	251.91	268.10	253.77	257.92	3.43	ppb
Cadmium	106-1	255.03	280.62	266.91	267.52	4.79	ppb
Cadmium	108-1	257.64	275.72	258.70	264.02	3.84	ppb
Calcium	43-1	151943.20	161232.70	151408.83	154861.58	3.57	ppb
Calcium	44-1	151406.40	158695.72	149433.02	153178.38	3.19	ppb
Chromium	52-2	326.31	321.51	325.86	324.56	0.82	ppb
Cobalt	59-2	282.23	277.03	282.69	280.65	1.12	ppb
Copper	63-2	558.36	547.83	555.29	553.83	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	95952.53	95131.25	95771.52	95618.43	0.45	ppb
Iron	57-2	96901.48	95577.67	97233.26	96570.80	0.91	ppb
Krypton	83-1						cps
Lead	206-1	305.50	325.91	309.12	313.51	3.47	ppb
Lead	207-1	296.63	314.79	295.10	302.17	3.63	ppb
Lead	208-1	305.84	328.11	308.53	314.16	3.87	ppb
Lithium	6-1				95		%
Magnesium	24-2	77142.09	76361.91	77128.40	76877.47	0.58	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:29:12	DataFile Name :	065SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3018.32	2992.51	3002.40	3004.41	0.43	ppb
Molybdenum	94-1	1119.75	1175.95	1107.57	1134.42	3.22	ppb
Molybdenum	95-1	1046.98	1099.41	1032.11	1059.50	3.34	ppb
Molybdenum	96-1	1042.56	1096.49	1044.34	1061.13	2.89	ppb
Molybdenum	97-1	1054.06	1111.49	1053.28	1072.94	3.11	ppb
Molybdenum	98-1	1036.97	1073.37	1025.04	1045.13	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	348.28	339.11	345.95	344.45	1.38	ppb
Phosphorus	31-2	3298.64	3162.10	3124.88	3195.21	2.86	ppb
Potassium	39-2	26161.52	25755.15	25989.56	25968.74	0.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	452.96	393.85	391.05	412.62	8.47	ppb
Selenium	78-2	251.21	229.04	254.10	244.79	5.60	ppb
Selenium	82-1	214.90	227.91	216.49	219.77	3.23	ppb
Silicon	28-1	4789.70	5230.89	5011.28	5010.62	4.40	ppb
Silver	109-1	42.40	30.81	26.66	33.29	24.51	ppb
Silver	107-1	27.10	28.30	27.19	27.53	2.43	ppb
Sodium	23-2	26048.57	25679.84	25869.22	25865.88	0.71	ppb
Strontium	86-1	536.25	568.94	531.58	545.59	3.73	ppb
Strontium	88-1	539.32	564.96	531.90	545.39	3.18	ppb
Sulfur	34-1	6788.91	8205.91	6610.21	7201.68	12.14	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	257.39	278.64	264.06	266.70	4.08	ppb
Thallium	205-1	264.77	286.36	268.07	273.07	4.26	ppb
Tin	118-1	259.12	272.68	256.26	262.69	3.34	ppb
Titanium	47-1	2378.62	2596.21	2355.05	2443.29	5.44	ppb
Uranium	238-1	264.01	283.61	261.65	269.76	4.47	ppb
Vanadium	51-2	340.85	336.38	340.29	339.17	0.72	ppb
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	672.12	667.54	671.74	670.47	0.38	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:29:12	DataFile Name :	065SMPL_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	258.12	269.83	256.32	261.42	2.81	ppb
Zirconium	91-1	253.97	268.67	254.20	258.94	3.25	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:45:31	DataFile Name :	069CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50470.69	50792.37	50148.30	50470.45	0.64	ppb
Antimony	121-1	507.21	502.94	498.31	502.82	0.89	ppb
Arsenic	75-2	488.45	478.41	481.45	482.77	1.07	ppb
Barium	135-1	2596.81	2551.48	2582.77	2577.02	0.90	ppb
Barium	137-1	2573.85	2529.33	2546.64	2549.94	0.88	ppb
Beryllium	9-1	528.15	520.11	513.20	520.49	1.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	552.37	548.97	540.17	547.17	1.15	ppb
Boron	11-1	543.87	548.46	546.92	546.42	0.43	ppb
Cadmium	111-1	485.22	481.44	484.44	483.70	0.41	ppb
Cadmium	106-1	493.09	493.47	503.20	496.58	1.15	ppb
Cadmium	108-1	493.50	487.53	500.30	493.77	1.29	ppb
Calcium	43-1	241685.58	242514.40	241692.18	241964.05	0.20	ppb
Calcium	44-1	238330.56	241526.18	240057.53	239971.42	0.67	ppb
Chromium	52-2	489.85	494.23	488.94	491.01	0.58	ppb
Cobalt	59-2	465.20	470.17	465.45	466.94	0.60	ppb
Copper	63-2	922.62	931.43	924.64	926.23	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	118106.93	118730.15	117948.43	118261.84	0.35	ppb
Iron	57-2	119384.31	120931.59	119699.22	120005.04	0.68	ppb
Krypton	83-1						cps
Lead	206-1	519.78	514.63	511.22	515.21	0.84	ppb
Lead	207-1	505.18	518.85	517.65	513.89	1.47	ppb
Lead	208-1	514.32	515.74	517.23	515.76	0.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	251644.14	251411.64	249399.09	250818.29	0.49	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:45:31	DataFile Name :	069CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.81	974.30	963.63	970.58	0.62	ppb
Molybdenum	94-1	2474.48	2441.64	2457.98	2458.04	0.67	ppb
Molybdenum	95-1	2434.66	2448.95	2436.25	2439.95	0.32	ppb
Molybdenum	96-1	2461.38	2444.62	2446.22	2450.74	0.38	ppb
Molybdenum	97-1	2446.98	2445.98	2431.63	2441.53	0.35	ppb
Molybdenum	98-1	2461.47	2464.95	2463.76	2463.39	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.53	471.71	470.92	470.38	0.35	ppb
Phosphorus	31-2	9200.86	9486.31	9865.30	9517.49	3.50	ppb
Potassium	39-2	125039.11	125505.61	124773.44	125106.05	0.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	548.26	504.28	413.06	488.53	14.12	ppb
Selenium	78-2	485.88	468.92	483.40	479.40	1.91	ppb
Selenium	82-1	480.59	481.73	483.83	482.05	0.34	ppb
Silicon	28-1	505.66	513.63	522.94	514.08	1.68	ppb
Silver	109-1	521.60	516.68	513.90	517.39	0.75	ppb
Silver	107-1	520.44	509.22	517.51	515.72	1.13	ppb
Sodium	23-2	248485.76	250854.89	248406.44	249249.03	0.56	ppb
Strontium	86-1	510.14	504.77	512.63	509.18	0.79	ppb
Strontium	88-1	508.10	508.48	505.13	507.24	0.36	ppb
Sulfur	34-1	10258.22	10505.21	10426.74	10396.72	1.21	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	509.85	524.86	517.98	517.57	1.45	ppb
Thallium	205-1	504.45	512.89	511.31	509.55	0.88	ppb
Tin	118-1	513.75	515.54	511.16	513.48	0.43	ppb
Titanium	47-1	2490.81	2488.02	2474.88	2484.57	0.34	ppb
Uranium	238-1	505.44	501.09	509.95	505.49	0.88	ppb
Vanadium	51-2	484.68	487.84	484.01	485.51	0.42	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%
Zinc	66-2	922.87	926.88	926.53	925.43	0.24	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:45:31	DataFile Name :	069CCV_P8050418-MS .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.71	490.37	491.28	491.79	0.35	ppb
Zirconium	91-1	502.65	502.83	501.82	502.44	0.11	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:48:39	DataFile Name :	070CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	7.86	-0.33	3.48	118.64	ppb
Antimony	121-1	1.81	1.79	1.95	1.85	4.60	ppb
Arsenic	75-2	0.34	0.25	0.31	0.30	14.47	ppb
Barium	135-1	0.12	0.14	0.07	0.11	29.19	ppb
Barium	137-1	0.13	0.11	0.25	0.16	45.32	ppb
Beryllium	9-1	0.15	0.14	0.16	0.15	8.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	30.73	28.14	28.61	29.16	4.72	ppb
Boron	11-1	29.39	28.51	25.25	27.72	7.88	ppb
Cadmium	111-1	0.01	-0.06	-0.04	-0.03		ppb
Cadmium	106-1	-0.77	-1.57	-1.14	-1.16		ppb
Cadmium	108-1	0.13	0.24	0.01	0.13	89.25	ppb
Calcium	43-1	3.34	-1.71	8.55	3.39	151.18	ppb
Calcium	44-1	10.51	5.25	27.83	14.53	81.32	ppb
Chromium	52-2	-0.06	-0.13	-0.16	-0.12		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.18	0.10	0.03	0.10	72.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	7.24	6.02	5.74	6.33	12.66	ppb
Iron	57-2	5.40	4.60	4.45	4.82	10.58	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.13	0.09	38.36	ppb
Lead	207-1	0.08	0.06	0.09	0.08	23.80	ppb
Lead	208-1	0.08	0.07	0.11	0.09	21.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	12.00	9.52	10.13	10.55	12.25	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:48:39	DataFile Name :	070CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.04	0.04	0.06	65.85	ppb
Molybdenum	94-1	1.16	1.39	1.47	1.34	12.06	ppb
Molybdenum	95-1	1.37	1.73	2.10	1.73	21.27	ppb
Molybdenum	96-1	1.30	1.62	1.91	1.61	18.72	ppb
Molybdenum	97-1	1.46	1.66	1.99	1.70	15.60	ppb
Molybdenum	98-1	1.47	1.76	1.95	1.73	13.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.09	0.10	0.08	34.11	ppb
Phosphorus	31-2	-5.37	-5.37	9.13	-0.54		ppb
Potassium	39-2	39.24	38.88	33.11	37.08	9.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.25	0.38	-0.22	0.80	160.91	ppb
Selenium	82-1	1.16	1.81	1.44	1.47	22.09	ppb
Silicon	28-1	-14.99	-17.09	-17.09	-16.39		ppb
Silver	109-1	0.05	0.06	0.06	0.06	8.91	ppb
Silver	107-1	0.06	0.06	0.05	0.06	14.50	ppb
Sodium	23-2	85.56	67.99	65.45	73.00	15.00	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	342.55	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.82	ppb
Sulfur	34-1	-1445.38	-1654.04	-1551.59	-1550.34		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.14	0.16	0.21	0.17	18.99	ppb
Thallium	205-1	0.19	0.16	0.22	0.19	14.04	ppb
Tin	118-1	0.40	0.42	0.41	0.41	1.58	ppb
Titanium	47-1	0.21	0.13	0.39	0.24	55.20	ppb
Uranium	238-1	0.04	0.03	0.07	0.05	42.45	ppb
Vanadium	51-2	0.02	0.01	-0.01	0.00	344.93	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	0.04	-0.02	0.13	0.05	147.38	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:48:39	DataFile Name :	070CCBE_P8050418-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.13	0.13	0.14	11.68	ppb
Zirconium	91-1	0.17	0.16	0.13	0.15	10.69	ppb

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:14:42	DataFile Name :	003CALB_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	33	25	57.74	cps
Antimony	121-1	183	175	392	250	49.10	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	33	50	17	33	50.00	cps
Barium	137-1	50	58	25	44	39.04	cps
Beryllium	9-1	17	11	22	17	33.33	cps
Bismuth	209-1	7115682	7056631	7052899	7075070	0.50	cps
Bismuth	209-2	2331582	2298859	2350292	2326911	1.12	cps
Boron	10-1	75	100	50	75	33.34	cps
Boron	11-1	425	392	283	367	20.20	cps
Cadmium	111-1	1662	1805	1940	1802	7.70	cps
Cadmium	106-1	2375	2575	2792	2581	8.08	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	1142	1275	1058	1158	9.44	cps
Calcium	44-1	35529	35388	35830	35582	0.64	cps
Chromium	52-2	800	823	823	816	1.65	cps
Cobalt	59-2	90	67	90	82	16.38	cps
Copper	63-2	1143	1140	1237	1173	4.68	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	92	8	42	47	88.83	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	100	83	58	81	26.03	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Holmium	165-1	11969851	11996914	11884143	11950303	0.49	cps
Holmium	165-2	3020495	3017256	3042534	3026761	0.45	cps
Indium	115-1	10758247	10788880	10550287	10699138	1.21	cps
Indium	115-2	513306	512773	515266	513782	0.26	cps
Iron	56-2	2000	1789	1917	1902	5.59	cps
Iron	57-2	61	67	94	74	24.11	cps
Krypton	83-1	550	497	453	500	9.68	cps
Lead	206-1	106	106	183	131	34.15	cps
Lead	207-1	117	128	106	117	9.52	cps
Lead	208-1	472	472	644	530	18.77	cps
Lithium	6-1	2141881	2169201	2125786	2145623	1.02	cps
Magnesium	24-2	150	183	117	150	22.22	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:14:42	DataFile Name :	003CALB_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	30	13	26	41.94	cps
Molybdenum	94-1	233	317	300	283	15.56	cps
Molybdenum	95-1	50	67	67	61	15.75	cps
Molybdenum	96-1	158	142	292	197	41.69	cps
Molybdenum	97-1	67	83	67	72	13.33	cps
Molybdenum	98-1	42	117	117	92	47.24	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	90	70	76	16.70	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2917	3042	2859	2939	3.19	cps
Rhodium	103-1	10330324	10406491	10208513	10315109	0.97	cps
Rhodium	103-2	2959024	2937936	2942735	2946565	0.38	cps
Scandium	45-1	7174372	7247766	7040817	7154318	1.47	cps
Scandium	45-2	59121	58883	59121	59041	0.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-128	-78	3	-67	-98.18	cps
Silicon	28-1	532992	539353	535272	535872	0.60	cps
Silver	109-1	83	33	67	61	41.66	cps
Silver	107-1	83	100	100	94	10.19	cps
Sodium	23-2	6377	6227	6568	6391	2.68	cps
Strontium	86-1	675	858	642	725	16.09	cps
Strontium	88-1	108	100	133	114	15.23	cps
Sulfur	34-1	511753	505910	501153	506272	1.05	cps
Terbium	159-1	12441725	12586623	12265890	12431412	1.29	cps
Terbium	159-2	2950538	2936397	2985606	2957514	0.86	cps
Thallium	203-1	58	75	92	75	22.22	cps
Thallium	205-1	175	192	183	183	4.55	cps
Tin	118-1	583	517	633	578	10.13	cps
Titanium	47-1	183	183	233	200	14.44	cps
Uranium	238-1	25	17	17	19	24.73	cps
Vanadium	51-2	17	17	17	17	0.00	cps
Yttrium	89-1	11794988	11775721	11565062	11711924	1.09	cps
Yttrium	89-2	385528	385038	383314	384627	0.30	cps
Zinc	66-2	27	30	17	24	28.38	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:14:42	DataFile Name :	003CALB_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	758	633	683	9.68	cps
Zirconium	91-1	92	175	208	158	37.95	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:22:26	DataFile Name :	005CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	183	117	150	22.22	cps
Antimony	121-1	16995	17128	17704	17276	2.18	cps
Arsenic	75-2	137	94	119	117	18.30	cps
Barium	135-1	17370	17012	17479	17287	1.41	cps
Barium	137-1	30937	29601	29000	29846	3.32	cps
Beryllium	9-1	1411	1456	1372	1413	2.95	cps
Bismuth	209-1	7158665	7240154	7270344	7223055	0.80	cps
Bismuth	209-2	2373640	2365925	2328242	2355936	1.03	cps
Boron	10-1	3984	4276	4001	4087	4.01	cps
Boron	11-1	18379	17770	18588	18246	2.33	cps
Cadmium	111-1	3757	3530	3633	3640	3.12	cps
Cadmium	106-1	2792	2592	2767	2717	4.01	cps
Cadmium	108-1	146	175	125	149	16.90	cps
Calcium	43-1	12456	12506	11897	12287	2.75	cps
Calcium	44-1	214322	213764	213191	213759	0.26	cps
Chromium	52-2	2860	2844	2827	2844	0.59	cps
Cobalt	59-2	2160	2097	2107	2121	1.60	cps
Copper	63-2	4811	4818	4434	4688	4.68	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	125	158	83	122	30.74	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	12031736	12124507	12174411	12110218	0.60	cps
Holmium	165-2	3044832	3037690	3038637	3040386	0.13	cps
Indium	115-1	10634467	10742756	10717094	10698106	0.53	cps
Indium	115-2	515987	512285	513326	513866	0.37	cps
Iron	56-2	34710	34220	34182	34371	0.86	cps
Iron	57-2	733	861	917	837	11.23	cps
Krypton	83-1	510	470	487	489	4.11	cps
Lead	206-1	4834	4862	5162	4953	3.67	cps
Lead	207-1	4334	4295	4718	4449	5.25	cps
Lead	208-1	19695	19974	20479	20049	1.98	cps
Lithium	6-1	2128859	2124843	2178019	2143907	1.38	cps
Magnesium	24-2	17703	16886	17244	17278	2.37	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:22:26	DataFile Name :	005CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	333	307	277	306	9.28	cps
Molybdenum	94-1	15551	14692	15401	15215	3.02	cps
Molybdenum	95-1	18889	18280	18455	18541	1.69	cps
Molybdenum	96-1	21927	20842	20550	21106	3.44	cps
Molybdenum	97-1	11906	11872	11580	11786	1.52	cps
Molybdenum	98-1	29901	30285	30009	30065	0.66	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	690	687	833	737	11.37	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	13190	12131	12690	12670	4.18	cps
Rhodium	103-1	10363077	10371851	10470254	10401727	0.57	cps
Rhodium	103-2	2955562	2975311	2938761	2956545	0.62	cps
Scandium	45-1	7107980	7107499	7157649	7124376	0.40	cps
Scandium	45-2	59107	59211	58849	59056	0.32	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	9	6	9	8	26.61	cps
Selenium	82-1	583	528	631	580	8.89	cps
Silicon	28-1	616417	616198	600422	611012	1.50	cps
Silver	109-1	8987	9420	9762	9390	4.14	cps
Silver	107-1	9988	10012	9220	9740	4.62	cps
Sodium	23-2	47924	47038	47255	47405	0.97	cps
Strontium	86-1	3317	3109	3109	3178	3.78	cps
Strontium	88-1	21877	22002	22536	22138	1.58	cps
Sulfur	34-1	512021	515724	512311	513352	0.40	cps
Terbium	159-1	12680410	12627156	12676599	12661389	0.23	cps
Terbium	159-2	2997560	3005652	2952451	2985221	0.96	cps
Thallium	203-1	6302	5810	5893	6002	4.39	cps
Thallium	205-1	13983	13942	14259	14061	1.22	cps
Tin	118-1	30904	30619	30644	30722	0.51	cps
Titanium	47-1	6202	6185	5635	6007	5.37	cps
Uranium	238-1	17313	17021	16745	17026	1.67	cps
Vanadium	51-2	3280	3350	3274	3302	1.29	cps
Yttrium	89-1	11610440	11698989	11631811	11647080	0.40	cps
Yttrium	89-2	386725	386799	387559	387028	0.12	cps
Zinc	66-2	363	330	290	328	11.20	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:22:26	DataFile Name :	005CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13382	13599	13674	13552	1.12	cps
Zirconium	91-1	2700	2984	3142	2942	7.61	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:26:07	DataFile Name :	006CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7185	7527	7094	7269	3.14	cps
Antimony	121-1	448930	447899	452962	449931	0.59	cps
Arsenic	75-2	5585	5668	5472	5575	1.77	cps
Barium	135-1	469303	463300	468636	467079	0.70	cps
Barium	137-1	808497	799704	810110	806104	0.69	cps
Beryllium	9-1	75314	76586	77016	76305	1.16	cps
Bismuth	209-1	7199398	7201040	7203468	7201302	0.03	cps
Bismuth	209-2	2264592	2357798	2374413	2332268	2.54	cps
Boron	10-1	8661	8445	8269	8458	2.32	cps
Boron	11-1	39497	39681	40600	39926	1.48	cps
Cadmium	111-1	107262	104843	105265	105790	1.22	cps
Cadmium	106-1	12940	13107	12998	13015	0.65	cps
Cadmium	108-1	7335	7310	7590	7412	2.09	cps
Calcium	43-1	117532	118312	119204	118349	0.71	cps
Calcium	44-1	1968290	1979213	2001604	1983036	0.86	cps
Chromium	52-2	51183	50999	50936	51039	0.25	cps
Cobalt	59-2	107235	106292	105110	106212	1.00	cps
Copper	63-2	185784	187330	185831	186315	0.47	cps
Dysprosium	156-1	33	58	0	31	95.79	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	50	50	67	43.30	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	75	92	64	54.31	cps
Gadolinium	160-2	23	7	23	18	54.11	cps
Holmium	165-1	12103481	12304337	12255659	12221159	0.86	cps
Holmium	165-2	2982129	3077367	3099289	3052928	2.04	cps
Indium	115-1	10858735	10719635	10881605	10819992	0.81	cps
Indium	115-2	495065	515466	512897	507809	2.19	cps
Iron	56-2	1762215	1773192	1755403	1763603	0.51	cps
Iron	57-2	43814	43189	43240	43414	0.80	cps
Krypton	83-1	437	473	477	462	4.80	cps
Lead	206-1	250869	249464	250059	250131	0.28	cps
Lead	207-1	223462	224348	225574	224461	0.47	cps
Lead	208-1	1012435	1013731	1020223	1015463	0.41	cps
Lithium	6-1	2151214	2151988	2135816	2146339	0.42	cps
Magnesium	24-2	190105	186930	188889	188641	0.85	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:26:07	DataFile Name :	006CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28175	28252	27958	28129	0.54	cps
Molybdenum	94-1	820999	822581	819150	820910	0.21	cps
Molybdenum	95-1	1003839	995273	999730	999614	0.43	cps
Molybdenum	96-1	1120879	1111649	1129617	1120715	0.80	cps
Molybdenum	97-1	632350	619339	632268	627986	1.19	cps
Molybdenum	98-1	1627847	1604621	1646607	1626358	1.29	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	31740	32007	31746	31831	0.48	cps
Phosphorus	31-2	575	567	558	567	1.47	cps
Potassium	39-2	56355	55218	53578	55050	2.54	cps
Rhodium	103-1	10321417	10362539	10386429	10356795	0.32	cps
Rhodium	103-2	2839094	2983899	2933154	2918716	2.52	cps
Scandium	45-1	7144171	7214621	7203732	7187508	0.53	cps
Scandium	45-2	56748	58792	58227	57922	1.82	cps
Selenium	77-2	40	57	20	39	47.21	cps
Selenium	78-2	141	133	139	138	2.80	cps
Selenium	82-1	6815	6868	6692	6792	1.33	cps
Silicon	28-1	820834	824634	824545	823338	0.26	cps
Silver	109-1	482886	483442	487096	484475	0.47	cps
Silver	107-1	510789	512199	516406	513131	0.57	cps
Sodium	23-2	445805	446359	440727	444297	0.70	cps
Strontium	86-1	133934	134961	134373	134423	0.38	cps
Strontium	88-1	1154388	1143776	1148098	1148754	0.46	cps
Sulfur	34-1	552494	550551	554005	552350	0.31	cps
Terbium	159-1	12636970	12703859	12765406	12702079	0.51	cps
Terbium	159-2	2907664	3024783	3022426	2984958	2.24	cps
Thallium	203-1	306668	311234	313561	310488	1.13	cps
Thallium	205-1	738035	735272	746962	740090	0.83	cps
Tin	118-1	320767	314908	323579	319751	1.38	cps
Titanium	47-1	296214	297636	299635	297828	0.58	cps
Uranium	238-1	914836	924482	926826	922048	0.69	cps
Vanadium	51-2	36528	36220	35786	36178	1.03	cps
Yttrium	89-1	11799990	11773976	11808324	11794096	0.15	cps
Yttrium	89-2	372784	387891	387948	382875	2.28	cps
Zinc	66-2	16353	15879	16170	16134	1.48	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:26:07	DataFile Name :	006CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	694781	689331	700123	694745	0.78	cps
Zirconium	91-1	153273	151257	152506	152345	0.67	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:29:48	DataFile Name :	007CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18020	19197	18454	18557	3.21	cps
Antimony	121-1	1144289	1153560	1143461	1147103	0.49	cps
Arsenic	75-2	13994	13952	13968	13971	0.15	cps
Barium	135-1	1182424	1189987	1185581	1185997	0.32	cps
Barium	137-1	2073738	2078284	2081536	2077853	0.19	cps
Beryllium	9-1	188140	190128	189295	189188	0.53	cps
Bismuth	209-1	7196542	7331747	7244272	7257520	0.94	cps
Bismuth	209-2	2387455	2364776	2321079	2357770	1.43	cps
Boron	10-1	20307	21158	21509	20991	2.94	cps
Boron	11-1	96884	98663	99569	98372	1.39	cps
Cadmium	111-1	264091	261537	264503	263377	0.61	cps
Cadmium	106-1	29467	29659	29517	29547	0.34	cps
Cadmium	108-1	18984	18601	18471	18685	1.43	cps
Calcium	43-1	298779	295293	297105	297059	0.59	cps
Calcium	44-1	4848384	4837954	4765757	4817365	0.93	cps
Chromium	52-2	125126	128096	127894	127039	1.31	cps
Cobalt	59-2	264448	264205	266539	265064	0.48	cps
Copper	63-2	463630	462110	467256	464332	0.57	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	92	42	50	61	43.83	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	83	58	92	78	22.30	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	12155304	12122086	12331776	12203055	0.92	cps
Holmium	165-2	3098591	3142312	3036429	3092444	1.72	cps
Indium	115-1	10881527	10840567	10778199	10833431	0.48	cps
Indium	115-2	518556	512832	513316	514901	0.62	cps
Iron	56-2	4306578	4344987	4339668	4330411	0.48	cps
Iron	57-2	109639	107708	108513	108620	0.89	cps
Krypton	83-1	470	477	477	474	0.81	cps
Lead	206-1	627287	635048	630885	631073	0.62	cps
Lead	207-1	573200	576364	561738	570434	1.35	cps
Lead	208-1	2567158	2587213	2552058	2568810	0.69	cps
Lithium	6-1	2119843	2148458	2114619	2127640	0.86	cps
Magnesium	24-2	470914	463674	470590	468393	0.87	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:29:48	DataFile Name :	007CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70199	72289	71508	71332	1.48	cps
Molybdenum	94-1	2128808	2107608	2110598	2115671	0.54	cps
Molybdenum	95-1	2586294	2570207	2552013	2569505	0.67	cps
Molybdenum	96-1	2893486	2820101	2853013	2855533	1.29	cps
Molybdenum	97-1	1627832	1587645	1619437	1611638	1.32	cps
Molybdenum	98-1	4131324	4091927	4082335	4101862	0.63	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	79063	79187	78513	78921	0.45	cps
Phosphorus	31-2	1517	1325	1625	1489	10.20	cps
Potassium	39-2	132411	133091	133436	132979	0.39	cps
Rhodium	103-1	10504192	10361002	10243101	10369432	1.26	cps
Rhodium	103-2	2939319	2978045	2934065	2950476	0.81	cps
Scandium	45-1	7159150	7131967	7169675	7153597	0.27	cps
Scandium	45-2	58926	58676	57394	58332	1.41	cps
Selenium	77-2	97	117	113	109	9.84	cps
Selenium	78-2	370	324	326	340	7.71	cps
Selenium	82-1	16876	16670	16462	16669	1.24	cps
Silicon	28-1	1086750	1094457	1083779	1088329	0.51	cps
Silver	109-1	1224597	1224406	1215069	1221357	0.45	cps
Silver	107-1	1291057	1299458	1288136	1292884	0.45	cps
Sodium	23-2	1125948	1098622	1131548	1118706	1.57	cps
Strontium	86-1	340116	339482	337348	338982	0.43	cps
Strontium	88-1	2898798	2889810	2888581	2892397	0.19	cps
Sulfur	34-1	610388	613678	610819	611628	0.29	cps
Terbium	159-1	12812239	12708342	12826756	12782446	0.51	cps
Terbium	159-2	3050616	3057164	2957286	3021689	1.85	cps
Thallium	203-1	787220	787824	788731	787925	0.10	cps
Thallium	205-1	1892247	1902262	1903558	1899356	0.33	cps
Tin	118-1	807070	806038	805369	806159	0.11	cps
Titanium	47-1	746118	742114	740795	743009	0.37	cps
Uranium	238-1	2397769	2418484	2409104	2408452	0.43	cps
Vanadium	51-2	91087	91983	91892	91654	0.54	cps
Yttrium	89-1	11838803	11833772	11808314	11826963	0.14	cps
Yttrium	89-2	389404	389887	384513	387935	0.77	cps
Zinc	66-2	41268	40930	40894	41031	0.50	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:29:48	DataFile Name :	007CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1792159	1799930	1787347	1793146	0.35	cps
Zirconium	91-1	390919	392121	390983	391341	0.17	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:33:21	DataFile Name :	008CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37717	35220	36648	36529	3.43	cps
Antimony	121-1	2359697	2349774	2353830	2354434	0.21	cps
Arsenic	75-2	28351	27602	27852	27935	1.37	cps
Barium	135-1	2411760	2412628	2412985	2412458	0.03	cps
Barium	137-1	4167650	4171565	4167467	4168894	0.06	cps
Beryllium	9-1	372962	376170	377760	375631	0.65	cps
Bismuth	209-1	7456479	7352869	7359485	7389611	0.78	cps
Bismuth	209-2	2236899	2371218	2378750	2328956	3.43	cps
Boron	10-1	42004	42347	43208	42520	1.46	cps
Boron	11-1	191265	198099	201278	196881	2.60	cps
Cadmium	111-1	525240	525924	526138	525767	0.09	cps
Cadmium	106-1	56871	56528	57582	56994	0.94	cps
Cadmium	108-1	37611	37603	38196	37803	0.90	cps
Calcium	43-1	592541	588227	591958	590909	0.40	cps
Calcium	44-1	9604408	9554084	9485066	9547853	0.63	cps
Chromium	52-2	253698	250709	253214	252540	0.64	cps
Cobalt	59-2	530189	520392	529492	526691	1.04	cps
Copper	63-2	925031	923598	924918	924516	0.09	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	108	100	142	117	18.89	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	12637717	12598978	12430425	12555707	0.88	cps
Holmium	165-2	2929689	3115647	3092654	3045997	3.33	cps
Indium	115-1	11090845	11057048	10937014	11028302	0.73	cps
Indium	115-2	484469	513944	516572	504995	3.53	cps
Iron	56-2	8609505	8616502	8565041	8597016	0.32	cps
Iron	57-2	218062	218694	217752	218169	0.22	cps
Krypton	83-1	453	550	517	507	9.69	cps
Lead	206-1	1275528	1273562	1277105	1275398	0.14	cps
Lead	207-1	1180017	1153046	1156058	1163040	1.27	cps
Lead	208-1	5347347	5275810	5247561	5290239	0.97	cps
Lithium	6-1	2116154	2141181	2127561	2128299	0.59	cps
Magnesium	24-2	936889	925086	933444	931806	0.65	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:33:21	DataFile Name :	008CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143636	141996	141525	142386	0.78	cps
Molybdenum	94-1	4255253	4236230	4206852	4232778	0.58	cps
Molybdenum	95-1	5051985	5142718	5163807	5119503	1.16	cps
Molybdenum	96-1	5763893	5729611	5744445	5745983	0.30	cps
Molybdenum	97-1	3298947	3274580	3269106	3280878	0.48	cps
Molybdenum	98-1	8225594	8187534	8208882	8207337	0.23	cps
Neodymium	150-1	40	80	93	71	39.03	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	158603	154276	157691	156857	1.45	cps
Phosphorus	31-2	2442	2475	2709	2542	5.72	cps
Potassium	39-2	262532	258607	258483	259874	0.89	cps
Rhodium	103-1	10518865	10439444	10513693	10490667	0.42	cps
Rhodium	103-2	2824459	2962477	2983341	2923426	2.95	cps
Scandium	45-1	7235453	7259659	7286572	7260562	0.35	cps
Scandium	45-2	55199	59492	59773	58155	4.41	cps
Selenium	77-2	200	220	183	201	9.13	cps
Selenium	78-2	682	743	694	706	4.56	cps
Selenium	82-1	33884	33804	33405	33698	0.76	cps
Silicon	28-1	1630776	1641859	1618767	1630468	0.71	cps
Silver	109-1	2516253	2496250	2477584	2496695	0.77	cps
Silver	107-1	2671575	2659812	2595416	2642268	1.55	cps
Sodium	23-2	2211435	2215734	2190265	2205812	0.62	cps
Strontium	86-1	669392	671904	672165	671154	0.23	cps
Strontium	88-1	5750129	5773374	5794574	5772692	0.39	cps
Sulfur	34-1	707474	705149	705127	705917	0.19	cps
Terbium	159-1	12936434	13016838	12946733	12966668	0.34	cps
Terbium	159-2	2934009	3062110	3114556	3036892	3.06	cps
Thallium	203-1	1605800	1594721	1600683	1600402	0.35	cps
Thallium	205-1	3872638	3810535	3847494	3843556	0.81	cps
Tin	118-1	1671168	1652147	1647619	1656978	0.75	cps
Titanium	47-1	1523899	1518557	1510361	1517606	0.45	cps
Uranium	238-1	4843837	4804175	4875076	4841029	0.73	cps
Vanadium	51-2	182907	183548	181283	182579	0.64	cps
Yttrium	89-1	12044068	11849518	12016149	11969912	0.88	cps
Yttrium	89-2	368396	387658	391139	382398	3.20	cps
Zinc	66-2	80013	79989	80250	80084	0.18	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:33:21	DataFile Name :	008CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3638827	3601418	3584142	3608129	0.77	cps
Zirconium	91-1	788422	788938	783734	787031	0.36	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:36:51	DataFile Name :	009CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71958	71731	74363	72684	2.01	cps
Antimony	121-1	4706458	4710481	4677766	4698235	0.38	cps
Arsenic	75-2	55660	55159	55953	55591	0.72	cps
Barium	135-1	4855145	4814579	4800244	4823323	0.59	cps
Barium	137-1	8320379	8352255	8309123	8327252	0.27	cps
Beryllium	9-1	746250	745760	741054	744355	0.39	cps
Bismuth	209-1	7334983	7521368	7494285	7450212	1.35	cps
Bismuth	209-2	2414039	2404620	2204674	2341111	5.05	cps
Boron	10-1	83350	85956	86938	85414	2.17	cps
Boron	11-1	388307	396348	402620	395758	1.81	cps
Cadmium	111-1	1048454	1049734	1056875	1051688	0.43	cps
Cadmium	106-1	110365	112055	111912	111444	0.84	cps
Cadmium	108-1	75841	76612	75657	76037	0.67	cps
Calcium	43-1	1193715	1190768	1196324	1193603	0.23	cps
Calcium	44-1	19070858	19179998	19430803	19227220	0.96	cps
Chromium	52-2	497499	499432	499340	498757	0.22	cps
Cobalt	59-2	1042805	1040728	1051732	1045088	0.56	cps
Copper	63-2	1864255	1850837	1854890	1856661	0.37	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	33	92	58	61	47.89	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	75	125	75	92	31.50	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	12826727	12947383	12833999	12869370	0.53	cps
Holmium	165-2	3182901	3243836	2933508	3120082	5.27	cps
Indium	115-1	11197242	11066287	11025446	11096325	0.81	cps
Indium	115-2	517807	516853	478104	504255	4.49	cps
Iron	56-2	17017856	16959183	16997474	16991504	0.18	cps
Iron	57-2	427295	421573	428506	425791	0.87	cps
Krypton	83-1	490	517	463	490	5.44	cps
Lead	206-1	2588619	2673763	2607911	2623431	1.70	cps
Lead	207-1	2385086	2455701	2413200	2417996	1.47	cps
Lead	208-1	10605828	10896777	10768605	10757070	1.36	cps
Lithium	6-1	2138828	2152749	2162327	2151301	0.55	cps
Magnesium	24-2	1929774	1896010	1897249	1907678	1.00	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:36:51	DataFile Name :	009CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	278231	277284	278305	277940	0.20	cps
Molybdenum	94-1	8433413	8516016	8477617	8475682	0.49	cps
Molybdenum	95-1	10307076	10344192	10258352	10303207	0.42	cps
Molybdenum	96-1	11577100	11535793	11422212	11511702	0.70	cps
Molybdenum	97-1	6563238	6491433	6541692	6532121	0.56	cps
Molybdenum	98-1	16620493	16731514	16640276	16664094	0.36	cps
Neodymium	150-1	160	160	173	164	4.68	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	312054	310286	314110	312150	0.61	cps
Phosphorus	31-2	4893	5285	5376	5185	4.95	cps
Potassium	39-2	506761	503364	508053	506059	0.48	cps
Rhodium	103-1	10605692	10607240	10555289	10589407	0.28	cps
Rhodium	103-2	2996765	2998748	2789442	2928318	4.11	cps
Scandium	45-1	7393728	7327250	7283713	7334897	0.76	cps
Scandium	45-2	58973	59887	55631	58164	3.85	cps
Selenium	77-2	403	453	423	427	5.90	cps
Selenium	78-2	1339	1369	1376	1361	1.44	cps
Selenium	82-1	67252	67616	68282	67717	0.77	cps
Silicon	28-1	2686811	2696113	2690285	2691070	0.17	cps
Silver	109-1	5028407	4926488	4980037	4978311	1.02	cps
Silver	107-1	5217755	5251774	5238158	5235896	0.33	cps
Sodium	23-2	4314298	4268814	4299899	4294337	0.54	cps
Strontium	86-1	1348994	1358901	1358837	1355577	0.42	cps
Strontium	88-1	11540551	11606760	11659689	11602334	0.51	cps
Sulfur	34-1	891799	892044	889661	891168	0.15	cps
Terbium	159-1	13447854	13345434	13192811	13328700	0.96	cps
Terbium	159-2	3125194	3173337	2904274	3067602	4.68	cps
Thallium	203-1	3283784	3256738	3272626	3271050	0.42	cps
Thallium	205-1	7607918	7693453	7692855	7664742	0.64	cps
Tin	118-1	3345200	3350626	3312646	3336157	0.62	cps
Titanium	47-1	3037346	3006437	3048872	3030885	0.72	cps
Uranium	238-1	9529255	9792386	9665015	9662219	1.36	cps
Vanadium	51-2	361217	362808	363323	362449	0.30	cps
Yttrium	89-1	12131516	12194875	12312048	12212813	0.75	cps
Yttrium	89-2	393556	396363	364247	384722	4.62	cps
Zinc	66-2	158642	157961	159390	158664	0.45	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:36:51	DataFile Name :	009CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7189483	7255835	7222368	7222562	0.46	cps
Zirconium	91-1	1611336	1601063	1588918	1600439	0.70	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-04 15:40:15 DataFile Name : 010CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146827	144850	146837	146171	0.78	cps
Antimony	121-1	9491432	9462128	9459533	9471031	0.19	cps
Arsenic	75-2	111072	110711	110954	110912	0.17	cps
Barium	135-1	9765900	9665780	9677579	9703087	0.56	cps
Barium	137-1	16883559	16811437	16886564	16860520	0.25	cps
Beryllium	9-1	1480897	1478283	1456135	1471771	0.92	cps
Bismuth	209-1	7672305	7638759	7540242	7617102	0.90	cps
Bismuth	209-2	2466282	2422300	2254484	2381022	4.69	cps
Boron	10-1	168579	166724	171242	168848	1.35	cps
Boron	11-1	784641	791475	797715	791277	0.83	cps
Cadmium	111-1	2117125	2154391	2157550	2143022	1.05	cps
Cadmium	106-1	220798	219987	221042	220609	0.25	cps
Cadmium	108-1	151220	149497	150786	150501	0.60	cps
Calcium	43-1	2433644	2416959	2409846	2420150	0.50	cps
Calcium	44-1	38591241	38289831	38387157	38422743	0.40	cps
Chromium	52-2	997347	992744	992425	994172	0.28	cps
Cobalt	59-2	2091951	2090822	2087789	2090188	0.10	cps
Copper	63-2	3631308	3628558	3637987	3632618	0.13	cps
Dysprosium	156-1	125	75	133	111	28.39	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	83	58	58	67	21.65	cps
Erbium	164-2	7	23	7	12	78.69	cps
Gadolinium	160-1	150	125	167	147	14.24	cps
Gadolinium	160-2	13	30	23	22	37.76	cps
Holmium	165-1	13005151	13319625	13294059	13206278	1.32	cps
Holmium	165-2	3255405	3241076	3011239	3169240	4.32	cps
Indium	115-1	11153629	11258901	11111912	11174814	0.68	cps
Indium	115-2	514051	513581	466906	498180	5.44	cps
Iron	56-2	33788936	33716289	33998009	33834411	0.43	cps
Iron	57-2	849207	849105	853189	850500	0.27	cps
Krypton	83-1	483	487	450	473	4.28	cps
Lead	206-1	5315718	5309335	5263843	5296298	0.53	cps
Lead	207-1	4886247	4916936	4832310	4878497	0.88	cps
Lead	208-1	21644701	21565093	21569083	21592959	0.21	cps
Lithium	6-1	2154079	2112950	2148145	2138391	1.04	cps
Magnesium	24-2	3721504	3669566	3714459	3701843	0.76	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:40:15	DataFile Name :	010CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	561413	553687	560188	558429	0.74	cps
Molybdenum	94-1	17268515	17209035	16978788	17152113	0.89	cps
Molybdenum	95-1	20902606	20914509	20703743	20840286	0.57	cps
Molybdenum	96-1	23563091	23516396	23510383	23529957	0.12	cps
Molybdenum	97-1	13246996	13104841	13110185	13154007	0.61	cps
Molybdenum	98-1	33710067	33280312	33526226	33505535	0.64	cps
Neodymium	150-1	400	380	280	353	18.20	cps
Neodymium	150-2	27	20	13	20	33.35	cps
Nickel	60-2	612346	610625	612914	611962	0.19	cps
Phosphorus	31-2	10154	10021	10112	10096	0.68	cps
Potassium	39-2	1008763	1007499	1013775	1010012	0.33	cps
Rhodium	103-1	10459162	10385534	10554563	10466420	0.81	cps
Rhodium	103-2	3013169	2982816	2754930	2916971	4.84	cps
Scandium	45-1	7394040	7320360	7320747	7345049	0.58	cps
Scandium	45-2	59874	59720	54905	58166	4.86	cps
Selenium	77-2	720	800	723	748	6.05	cps
Selenium	78-2	2782	2824	2715	2774	1.99	cps
Selenium	82-1	135023	134779	135461	135087	0.26	cps
Silicon	28-1	4783528	4733816	4711131	4742825	0.78	cps
Silver	109-1	9917206	9880197	9829521	9875641	0.45	cps
Silver	107-1	10468305	10335010	10389310	10397541	0.64	cps
Sodium	23-2	8598348	8524382	8500556	8541096	0.60	cps
Strontium	86-1	2758752	2724288	2740011	2741017	0.63	cps
Strontium	88-1	23371129	23347330	23444220	23387560	0.22	cps
Sulfur	34-1	1085445	1059679	1070170	1071764	1.21	cps
Terbium	159-1	13627869	13468451	13651991	13582770	0.73	cps
Terbium	159-2	3187321	3181941	2906286	3091849	5.20	cps
Thallium	203-1	6514685	6544846	6512384	6523972	0.28	cps
Thallium	205-1	15436090	15484513	15638598	15519734	0.68	cps
Tin	118-1	6668654	6629121	6699018	6665598	0.53	cps
Titanium	47-1	6044697	6015439	5993345	6017827	0.43	cps
Uranium	238-1	19710425	20052003	19954300	19905576	0.88	cps
Vanadium	51-2	726871	724786	729275	726977	0.31	cps
Yttrium	89-1	12366199	12287581	12343300	12332360	0.33	cps
Yttrium	89-2	394755	396595	368380	386577	4.08	cps
Zinc	66-2	313573	312539	315781	313964	0.53	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:40:15	DataFile Name :	010CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14725781	14570221	14623279	14639760	0.54	cps
Zirconium	91-1	3205347	3207011	3269085	3227148	1.13	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:43:33	DataFile Name :	011CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	780582	777561	781638	779927	0.27	cps
Antimony	121-1	31822	34521	36225	34189	6.49	cps
Arsenic	75-2	67	80	72	73	8.93	cps
Barium	135-1	2850	2992	3025	2956	3.14	cps
Barium	137-1	5110	5185	5010	5101	1.72	cps
Beryllium	9-1	200	256	178	211	18.98	cps
Bismuth	209-1	6846036	6807683	6788394	6814038	0.43	cps
Bismuth	209-2	2297384	2314521	2291034	2300980	0.53	cps
Boron	10-1	7294	7411	6402	7035	7.84	cps
Boron	11-1	35086	32755	29940	32594	7.90	cps
Cadmium	111-1	2232	2515	2069	2272	9.94	cps
Cadmium	106-1	2667	2942	2575	2728	7.00	cps
Cadmium	108-1	63	46	67	58	18.90	cps
Calcium	43-1	12266845	12219248	12254819	12246971	0.20	cps
Calcium	44-1	200556275	198952338	197829025	199112546	0.69	cps
Chromium	52-2	42204	42879	42909	42664	0.93	cps
Cobalt	59-2	3671	3634	3410	3572	3.94	cps
Copper	63-2	5958	6041	6288	6096	2.82	cps
Dysprosium	156-1	33	100	75	69	48.50	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	142	167	142	150	9.63	cps
Gadolinium	160-2	37	37	30	34	11.18	cps
Holmium	165-1	12509509	12631638	12298034	12479727	1.35	cps
Holmium	165-2	3244793	3286317	3270084	3267065	0.64	cps
Indium	115-1	10662649	10708346	10551887	10640961	0.76	cps
Indium	115-2	530533	531199	525000	528911	0.64	cps
Iron	56-2	175466598	176090559	174992276	175516478	0.31	cps
Iron	57-2	4392089	4485022	4404893	4427334	1.14	cps
Krypton	83-1	547	510	517	524	3.72	cps
Lead	206-1	9710	9498	9265	9491	2.34	cps
Lead	207-1	8309	8064	7736	8036	3.58	cps
Lead	208-1	38368	37278	36566	37404	2.43	cps
Lithium	6-1	2073759	2072058	2075920	2073912	0.09	cps
Magnesium	24-2	18366362	18399785	18380675	18382274	0.09	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:43:33	DataFile Name :	011CAL5_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2737	2397	2477	2537	7.01	cps
Molybdenum	94-1	22428	23738	24323	23496	4.13	cps
Molybdenum	95-1	36634	38338	39952	38308	4.33	cps
Molybdenum	96-1	40946	43864	44950	43253	4.79	cps
Molybdenum	97-1	23154	23622	24849	23875	3.67	cps
Molybdenum	98-1	56694	60319	63541	60185	5.69	cps
Neodymium	150-1	73	107	73	84	22.79	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	16090	16343	16033	16155	1.02	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	5288124	5296924	5311150	5298733	0.22	cps
Rhodium	103-1	9775915	9777705	9850491	9801371	0.43	cps
Rhodium	103-2	2912107	2925660	2884006	2907258	0.73	cps
Scandium	45-1	7268507	7213474	7217632	7233204	0.42	cps
Scandium	45-2	61092	61243	61511	61282	0.35	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	7	7	6	57.77	cps
Selenium	82-1	62	97	149	103	42.48	cps
Silicon	28-1	863720	975370	987531	942207	7.24	cps
Silver	109-1	1175	983	1025	1061	9.50	cps
Silver	107-1	975	1242	1050	1089	12.63	cps
Sodium	23-2	42870365	43261368	42824947	42985560	0.56	cps
Strontium	86-1	92992	90793	93468	92418	1.54	cps
Strontium	88-1	800120	793777	797049	796982	0.40	cps
Sulfur	34-1	484655	477744	487940	483447	1.08	cps
Terbium	159-1	12867684	12880439	12827923	12858682	0.21	cps
Terbium	159-2	3177895	3229885	3208975	3205585	0.82	cps
Thallium	203-1	2984	3134	2900	3006	3.93	cps
Thallium	205-1	7803	7369	6736	7303	7.35	cps
Tin	118-1	11989	12748	13858	12865	7.30	cps
Titanium	47-1	2209	1984	2075	2089	5.42	cps
Uranium	238-1	2317	2375	2017	2236	8.60	cps
Vanadium	51-2	460	383	437	427	9.21	cps
Yttrium	89-1	11992566	11981989	12110006	12028187	0.59	cps
Yttrium	89-2	412067	415870	412330	413423	0.51	cps
Zinc	66-2	1070	1073	1193	1112	6.32	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:43:33	DataFile Name :	011CALS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5226	4784	5101	5037	4.52	cps
Zirconium	91-1	1042	1025	1042	1036	0.93	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:50:02	DataFile Name :	012ICV01_P8050418-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3826	3684	4142	3884	6.04	cps
Antimony	121-1	1807112	1825516	1819968	1817532	0.52	cps
Arsenic	75-2	22290	22695	22296	22427	1.03	cps
Barium	135-1	189453	186938	189327	188573	0.75	cps
Barium	137-1	324184	325718	327521	325808	0.51	cps
Beryllium	9-1	142622	145175	145949	144582	1.20	cps
Bismuth	209-1	7418377	7326713	7389068	7378052	0.63	cps
Bismuth	209-2	2466186	2433457	2500971	2466871	1.37	cps
Boron	10-1	96608	98017	98151	97592	0.88	cps
Boron	11-1	445407	448412	452118	448645	0.75	cps
Cadmium	111-1	211674	210941	214158	212258	0.79	cps
Cadmium	106-1	34687	33902	35406	34665	2.17	cps
Cadmium	108-1	18400	18221	18200	18274	0.60	cps
Calcium	43-1	53829	54264	54657	54250	0.76	cps
Calcium	44-1	856534	857335	858747	857539	0.13	cps
Chromium	52-2	100310	100337	100581	100409	0.15	cps
Cobalt	59-2	215344	213111	214175	214210	0.52	cps
Copper	63-2	192203	187916	191486	190535	1.21	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	83	142	125	117	25.75	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	12408719	12457965	12476325	12447670	0.28	cps
Holmium	165-2	3211819	3219852	3230069	3220580	0.28	cps
Indium	115-1	10918117	10990817	11104904	11004613	0.86	cps
Indium	115-2	542935	533977	531317	536077	1.14	cps
Iron	56-2	705944	706760	706687	706464	0.06	cps
Iron	57-2	17228	17228	17400	17285	0.58	cps
Krypton	83-1	497	467	430	464	7.19	cps
Lead	206-1	1003194	1011697	1010947	1008613	0.47	cps
Lead	207-1	875725	885788	881010	880841	0.57	cps
Lead	208-1	4097779	4080293	4100659	4092910	0.27	cps
Lithium	6-1	2214256	2232800	2201359	2216138	0.71	cps
Magnesium	24-2	45206	44462	44195	44621	1.17	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:50:02	DataFile Name :	012ICV01_P8050418-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29354	28813	28329	28832	1.78	cps
Molybdenum	94-1	3614375	3599666	3640330	3618124	0.57	cps
Molybdenum	95-1	2017862	2011146	1996497	2008502	0.54	cps
Molybdenum	96-1	2544239	2589724	2589118	2574360	1.01	cps
Molybdenum	97-1	1211198	1228024	1243399	1227540	1.31	cps
Molybdenum	98-1	3205144	3209063	3221148	3211785	0.26	cps
Neodymium	150-1	7	47	7	20	115.45	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	64338	63949	64679	64322	0.57	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	45483	45291	45299	45358	0.24	cps
Rhodium	103-1	10568930	10650974	10673611	10631172	0.52	cps
Rhodium	103-2	3168899	3080746	3062541	3104062	1.83	cps
Scandium	45-1	7328920	7390717	7336258	7351965	0.46	cps
Scandium	45-2	62950	61842	61872	62222	1.01	cps
Selenium	77-2	97	153	137	129	22.60	cps
Selenium	78-2	609	646	600	619	3.96	cps
Selenium	82-1	26834	26975	26750	26853	0.42	cps
Silicon	28-1	2375482	2404140	2403435	2394353	0.68	cps
Silver	109-1	951598	957821	969329	959583	0.94	cps
Silver	107-1	1011845	1022694	1031127	1021889	0.95	cps
Sodium	23-2	188583	187943	187412	187979	0.31	cps
Strontium	86-1	1287062	1296207	1292342	1291871	0.36	cps
Strontium	88-1	11077852	11108080	11113874	11099935	0.17	cps
Sulfur	34-1	492680	489808	488087	490192	0.47	cps
Terbium	159-1	13084927	13006518	12999083	13030176	0.37	cps
Terbium	159-2	3171125	3175372	3154296	3166931	0.35	cps
Thallium	203-1	1263629	1268091	1267382	1266367	0.19	cps
Thallium	205-1	3060968	3077168	3068306	3068814	0.26	cps
Tin	118-1	3127763	3187154	3164168	3159695	0.95	cps
Titanium	47-1	574383	579324	581527	578411	0.63	cps
Uranium	238-1	9834392	9733617	9857221	9808410	0.67	cps
Vanadium	51-2	73719	73126	72222	73023	1.03	cps
Yttrium	89-1	12182691	12283682	12068148	12178174	0.89	cps
Yttrium	89-2	409316	403483	405946	406248	0.72	cps
Zinc	66-2	33394	32438	33130	32987	1.50	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:50:02	DataFile Name :	012ICV01_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6869120	6963318	6793526	6875322	1.24	cps
Zirconium	91-1	1552118	1537540	1535274	1541644	0.59	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:57:09	DataFile Name :	013CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	4184	5810	6669	5554	22.72	cps
Arsenic	75-2	17	17	17	17	0.00	cps
Barium	135-1	75	100	92	89	14.33	cps
Barium	137-1	142	100	108	117	18.89	cps
Beryllium	9-1	122	28	61	70	68.07	cps
Bismuth	209-1	7230683	7424564	7329129	7328125	1.32	cps
Bismuth	209-2	2457633	2410859	2435205	2434565	0.96	cps
Boron	10-1	1709	1734	1725	1722	0.74	cps
Boron	11-1	7569	7736	7411	7572	2.15	cps
Cadmium	111-1	1749	1797	1797	1781	1.55	cps
Cadmium	106-1	2434	2525	2525	2495	2.12	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Calcium	43-1	975	1108	1050	1045	6.40	cps
Calcium	44-1	40393	39574	40719	40228	1.47	cps
Chromium	52-2	797	827	917	847	7.38	cps
Cobalt	59-2	77	87	87	83	6.93	cps
Copper	63-2	1067	1173	1223	1155	6.93	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	42	33	25	88.19	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	92	100	67	86	20.15	cps
Gadolinium	160-2	30	7	17	18	65.83	cps
Holmium	165-1	12268498	12351999	12423978	12348158	0.63	cps
Holmium	165-2	3211098	3176029	3166364	3184497	0.74	cps
Indium	115-1	10882448	11061280	10943332	10962353	0.83	cps
Indium	115-2	536987	531519	533664	534057	0.52	cps
Iron	56-2	2706	2750	2600	2686	2.87	cps
Iron	57-2	78	39	61	59	32.92	cps
Krypton	83-1	440	413	533	462	13.63	cps
Lead	206-1	389	311	350	350	11.11	cps
Lead	207-1	244	322	350	306	17.91	cps
Lead	208-1	1328	1422	1406	1385	3.64	cps
Lithium	6-1	2152672	2212664	2208706	2191347	1.53	cps
Magnesium	24-2	167	292	242	233	26.96	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:57:09	DataFile Name :	013CCBE_P8050418-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	17	30	24	28.38	cps
Molybdenum	94-1	1483	1775	2342	1867	23.38	cps
Molybdenum	95-1	1534	2300	2609	2148	25.78	cps
Molybdenum	96-1	1917	2759	2975	2550	21.93	cps
Molybdenum	97-1	858	1400	1809	1356	35.16	cps
Molybdenum	98-1	2492	3501	4051	3348	23.61	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	50	67	62	17.22	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3100	3326	3342	3256	4.15	cps
Rhodium	103-1	10555447	10698248	10541406	10598367	0.82	cps
Rhodium	103-2	3109898	3093966	3095585	3099816	0.28	cps
Scandium	45-1	7331147	7348082	7288394	7322541	0.42	cps
Scandium	45-2	60824	59977	60198	60333	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-5	66	-16	15	301.65	cps
Silicon	28-1	486692	487270	485807	486590	0.15	cps
Silver	109-1	142	142	133	139	3.46	cps
Silver	107-1	142	142	150	144	3.33	cps
Sodium	23-2	11272	11080	11430	11261	1.56	cps
Strontium	86-1	725	825	700	750	8.82	cps
Strontium	88-1	192	142	225	186	22.54	cps
Sulfur	34-1	494566	497203	498024	496597	0.36	cps
Terbium	159-1	12681479	12779031	12809826	12756779	0.53	cps
Terbium	159-2	3159042	3104029	3102295	3121789	1.03	cps
Thallium	203-1	550	642	525	572	10.73	cps
Thallium	205-1	1442	1617	1417	1492	7.31	cps
Tin	118-1	1525	1909	1992	1809	13.76	cps
Titanium	47-1	283	267	242	264	7.95	cps
Uranium	238-1	183	292	317	264	26.86	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	11861056	12139572	12124363	12041664	1.30	cps
Yttrium	89-2	403827	399174	399863	400954	0.63	cps
Zinc	66-2	27	23	7	19	56.72	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 15:57:09	DataFile Name :	013CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1625	1500	1567	1564	4.00	cps
Zirconium	91-1	350	325	342	339	3.76	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-04 16:00:29 DataFile Name : 014ICSA01_P8050418-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	709823	713135	715505	712821	0.40	cps
Antimony	121-1	13199	12957	14509	13555	6.16	cps
Arsenic	75-2	33	56	43	44	25.48	cps
Barium	135-1	3109	3192	2759	3020	7.62	cps
Barium	137-1	5035	4926	4751	4904	2.92	cps
Beryllium	9-1	467	594	444	502	16.13	cps
Bismuth	209-1	6776209	6762203	6700467	6746293	0.60	cps
Bismuth	209-2	2283246	2260543	2268629	2270806	0.51	cps
Boron	10-1	1759	1842	1909	1836	4.09	cps
Boron	11-1	7886	7844	7669	7800	1.47	cps
Cadmium	111-1	2240	2164	2398	2267	5.27	cps
Cadmium	106-1	2250	2250	2367	2289	2.94	cps
Cadmium	108-1	1313	1392	1358	1354	2.94	cps
Calcium	43-1	2423346	2412425	2405953	2413908	0.36	cps
Calcium	44-1	38600031	38927827	38770326	38766061	0.42	cps
Chromium	52-2	20973	21433	20996	21134	1.23	cps
Cobalt	59-2	2490	2484	2587	2520	2.30	cps
Copper	63-2	15602	15415	15712	15577	0.96	cps
Dysprosium	156-1	58	17	83	53	63.81	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	108	108	58	92	31.49	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	133	117	67	106	32.87	cps
Gadolinium	160-2	10	10	27	16	61.87	cps
Holmium	165-1	12081596	12157780	11883629	12041002	1.18	cps
Holmium	165-2	3214106	3140194	3165924	3173408	1.18	cps
Indium	115-1	10843502	10723139	10741352	10769331	0.60	cps
Indium	115-2	517623	520969	521955	520182	0.44	cps
Iron	56-2	68978167	68786707	68590403	68785092	0.28	cps
Iron	57-2	1755722	1757079	1765202	1759334	0.29	cps
Krypton	83-1	423	450	540	471	12.98	cps
Lead	206-1	23250	22387	22175	22604	2.52	cps
Lead	207-1	18458	18047	17629	18045	2.30	cps
Lead	208-1	87759	85252	84055	85689	2.21	cps
Lithium	6-1	2228036	2307831	2291999	2275955	1.86	cps
Magnesium	24-2	3707612	3776309	3745149	3743024	0.92	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:00:29	DataFile Name :	014ICSA01_P8050418-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2340	2174	2257	2257	3.69	cps
Molybdenum	94-1	4568602	4603501	4509621	4560575	1.04	cps
Molybdenum	95-1	7815551	7882972	7880845	7859789	0.49	cps
Molybdenum	96-1	8508822	8548273	8490237	8515778	0.35	cps
Molybdenum	97-1	5034364	5029469	5002539	5022124	0.34	cps
Molybdenum	98-1	12682214	12753779	12719766	12718586	0.28	cps
Neodymium	150-1	60	33	53	49	28.39	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	3517	3337	3574	3476	3.56	cps
Phosphorus	31-2	52674	51913	52565	52384	0.79	cps
Potassium	39-2	2150062	2150900	2181130	2160697	0.82	cps
Rhodium	103-1	10119945	10179975	10117259	10139060	0.35	cps
Rhodium	103-2	2955937	2964879	2974871	2965229	0.32	cps
Scandium	45-1	7388608	7413523	7402769	7401633	0.17	cps
Scandium	45-2	60982	61420	61015	61139	0.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	52	91	-72	24	361.51	cps
Silicon	28-1	683171	685197	688353	685573	0.38	cps
Silver	109-1	342	608	558	503	28.19	cps
Silver	107-1	450	617	625	564	17.51	cps
Sodium	23-2	8863552	8844573	8852024	8853383	0.11	cps
Strontium	86-1	91280	92640	90843	91588	1.02	cps
Strontium	88-1	784449	784656	776966	782024	0.56	cps
Sulfur	34-1	3189142	3195164	3205730	3196679	0.26	cps
Terbium	159-1	12572196	12448199	12415905	12478767	0.66	cps
Terbium	159-2	3016524	3037199	3070247	3041323	0.89	cps
Thallium	203-1	1025	1142	1267	1145	10.56	cps
Thallium	205-1	2175	2567	2909	2550	14.39	cps
Tin	118-1	2350	1967	2400	2239	10.59	cps
Titanium	47-1	2485546	2504355	2451969	2480623	1.07	cps
Uranium	238-1	250	400	433	361	27.04	cps
Vanadium	51-2	133	67	110	103	32.74	cps
Yttrium	89-1	12084121	12068941	12050656	12067906	0.14	cps
Yttrium	89-2	401029	403948	406837	403938	0.72	cps
Zinc	66-2	1910	1777	1950	1879	4.83	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:00:29	DataFile Name :	014ICSA01_P8050418-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7552	7035	5943	6844	12.00	cps
Zirconium	91-1	1559	1575	1425	1520	5.41	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:03:45	DataFile Name :	015ICSB_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	716936	718305	716679	717307	0.12	cps
Antimony	121-1	185969	188455	187890	187438	0.70	cps
Arsenic	75-2	2272	2398	2308	2326	2.79	cps
Barium	135-1	39326	40087	39351	39588	1.09	cps
Barium	137-1	68990	68731	67640	68453	1.05	cps
Beryllium	9-1	30255	30243	30527	30342	0.53	cps
Bismuth	209-1	6536179	6571427	6140038	6415881	3.73	cps
Bismuth	209-2	2236407	2206018	2212991	2218472	0.72	cps
Boron	10-1	10738	10588	11038	10788	2.13	cps
Boron	11-1	50373	51727	50674	50925	1.40	cps
Cadmium	111-1	41869	41710	41824	41801	0.20	cps
Cadmium	106-1	7169	6952	6894	7005	2.07	cps
Cadmium	108-1	4238	4213	4159	4204	0.96	cps
Calcium	43-1	2436063	2428141	2431993	2432066	0.16	cps
Calcium	44-1	39159769	38777491	38971096	38969452	0.49	cps
Chromium	52-2	42889	43167	42685	42914	0.56	cps
Cobalt	59-2	45367	44755	45508	45210	0.89	cps
Copper	63-2	52747	52609	52432	52596	0.30	cps
Dysprosium	156-1	33	50	58	47	26.97	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	108	67	50	75	40.06	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	83	75	100	86	14.78	cps
Gadolinium	160-2	23	23	0	16	86.60	cps
Holmium	165-1	11889095	11633784	11150635	11557838	3.24	cps
Holmium	165-2	3091708	3062913	3058531	3071051	0.59	cps
Indium	115-1	10665571	10597469	9947369	10403470	3.81	cps
Indium	115-2	518117	518469	515734	517440	0.29	cps
Iron	56-2	69799238	69430432	69564396	69598022	0.27	cps
Iron	57-2	1771666	1772369	1783667	1775901	0.38	cps
Krypton	83-1	457	443	543	481	11.29	cps
Lead	206-1	115667	115212	115231	115370	0.22	cps
Lead	207-1	97008	96762	95362	96377	0.92	cps
Lead	208-1	447742	444193	444077	445337	0.47	cps
Lithium	6-1	2310926	2336842	2222748	2290172	2.61	cps
Magnesium	24-2	3765546	3809629	3753601	3776259	0.78	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-04 16:03:45 DataFile Name : 015ICSB_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8042	8052	8239	8111	1.37	cps
Molybdenum	94-1	4898563	4890914	4885776	4891751	0.13	cps
Molybdenum	95-1	8091089	8100747	8092202	8094679	0.07	cps
Molybdenum	96-1	8729565	8795608	8743377	8756183	0.40	cps
Molybdenum	97-1	5126748	5162880	5159820	5149816	0.39	cps
Molybdenum	98-1	13020194	13088428	13150838	13086486	0.50	cps
Neodymium	150-1	13	53	60	42	59.78	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	16503	15813	16910	16409	3.38	cps
Phosphorus	31-2	52950	53377	52925	53084	0.48	cps
Potassium	39-2	2205246	2174990	2176141	2185459	0.78	cps
Rhodium	103-1	10156707	9986793	9520281	9887927	3.33	cps
Rhodium	103-2	2947306	2978259	2955530	2960365	0.54	cps
Scandium	45-1	7462913	7445437	6980532	7296294	3.75	cps
Scandium	45-2	63359	61564	62160	62361	1.47	cps
Selenium	77-2	27	23	23	24	7.89	cps
Selenium	78-2	44	57	56	52	13.37	cps
Selenium	82-1	2609	2688	2446	2581	4.78	cps
Silicon	28-1	870214	880531	939281	896675	4.15	cps
Silver	109-1	175052	177523	178785	177120	1.07	cps
Silver	107-1	186923	186146	186501	186523	0.21	cps
Sodium	23-2	8860052	8943289	8815041	8872794	0.73	cps
Strontium	86-1	221108	223271	223069	222483	0.54	cps
Strontium	88-1	1947544	1950386	1956762	1951564	0.24	cps
Sulfur	34-1	3197704	3234011	3197001	3209572	0.66	cps
Terbium	159-1	12239921	12322185	11676117	12079408	2.91	cps
Terbium	159-2	3022293	3016624	3015923	3018280	0.12	cps
Thallium	203-1	116137	116952	117323	116804	0.52	cps
Thallium	205-1	277657	280450	276159	278089	0.78	cps
Tin	118-1	307175	306800	310119	308031	0.59	cps
Titanium	47-1	2565776	2520377	2550821	2545658	0.91	cps
Uranium	238-1	830257	844266	830749	835090	0.95	cps
Vanadium	51-2	14464	15025	15315	14935	2.90	cps
Yttrium	89-1	12204320	12055448	11430851	11896873	3.45	cps
Yttrium	89-2	403329	405839	401458	403542	0.54	cps
Zinc	66-2	5138	5164	5128	5143	0.37	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:03:45	DataFile Name :	015ICSB_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	693766	699937	699877	697860	0.51	cps
Zirconium	91-1	152962	154122	152716	153267	0.49	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:18:56	DataFile Name :	017CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418218	418148	416095	417487	0.29	cps
Antimony	121-1	4485651	4600860	4603166	4563226	1.47	cps
Arsenic	75-2	59016	59167	58856	59013	0.26	cps
Barium	135-1	4608558	4749491	4763063	4707038	1.82	cps
Barium	137-1	7904943	8193384	8092068	8063465	1.81	cps
Beryllium	9-1	749561	739890	746330	745260	0.66	cps
Bismuth	209-1	6534561	6547770	6516236	6532856	0.24	cps
Bismuth	209-2	2213378	2222079	2254798	2230085	0.98	cps
Boron	10-1	83149	85294	88388	85610	3.08	cps
Boron	11-1	391631	398495	409392	399839	2.24	cps
Cadmium	111-1	994145	1003487	998296	998643	0.47	cps
Cadmium	106-1	106628	104856	109173	106886	2.03	cps
Cadmium	108-1	71681	71782	70777	71413	0.78	cps
Calcium	43-1	6170013	6091295	6205728	6155679	0.95	cps
Calcium	44-1	100547113	99867717	99548136	99987655	0.51	cps
Chromium	52-2	548560	549727	550844	549710	0.21	cps
Cobalt	59-2	1085202	1077197	1087917	1083439	0.51	cps
Copper	63-2	1854394	1821446	1906415	1860752	2.30	cps
Dysprosium	156-1	92	108	83	94	13.48	cps
Dysprosium	156-2	27	27	7	20	57.73	cps
Erbium	164-1	92	67	92	83	17.32	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	108	117	117	114	4.22	cps
Gadolinium	160-2	27	27	27	27	0.00	cps
Holmium	165-1	11785973	11920405	11916189	11874189	0.64	cps
Holmium	165-2	3204091	3124986	3146841	3158639	1.29	cps
Indium	115-1	10583940	10551167	10589046	10574718	0.19	cps
Indium	115-2	522835	523355	521972	522720	0.13	cps
Iron	56-2	88867444	88661949	88317433	88615608	0.31	cps
Iron	57-2	2255134	2221647	2271236	2249339	1.12	cps
Krypton	83-1	493	507	463	488	4.55	cps
Lead	206-1	2340180	2376483	2361861	2359508	0.77	cps
Lead	207-1	2201218	2156786	2151311	2169772	1.26	cps
Lead	208-1	9758420	9717305	9682591	9719439	0.39	cps
Lithium	6-1	2102323	2117528	2128987	2116279	0.63	cps
Magnesium	24-2	9661342	9771690	9675901	9702978	0.62	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:18:56	DataFile Name :	017CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303609	303705	305016	304110	0.26	cps
Molybdenum	94-1	8509270	8480216	8446573	8478686	0.37	cps
Molybdenum	95-1	10280504	10265578	10310817	10285633	0.22	cps
Molybdenum	96-1	11669914	11527826	11449846	11549195	0.97	cps
Molybdenum	97-1	6535531	6475201	6475251	6495328	0.54	cps
Molybdenum	98-1	16648104	16559867	16478391	16562121	0.51	cps
Neodymium	150-1	213	187	227	209	9.75	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	323744	319668	323385	322266	0.70	cps
Phosphorus	31-2	5785	6135	5768	5896	3.51	cps
Potassium	39-2	2818227	2823835	2821890	2821317	0.10	cps
Rhodium	103-1	9882112	9828698	9908488	9873099	0.41	cps
Rhodium	103-2	2945730	2958489	2912193	2938804	0.81	cps
Scandium	45-1	7459328	7473768	7452809	7461968	0.14	cps
Scandium	45-2	64377	64909	64709	64665	0.42	cps
Selenium	77-2	410	447	430	429	4.28	cps
Selenium	78-2	1435	1396	1474	1435	2.71	cps
Selenium	82-1	66761	67591	66668	67007	0.76	cps
Silicon	28-1	2939340	2987908	3001048	2976099	1.09	cps
Silver	109-1	4931689	4965803	4866146	4921213	1.03	cps
Silver	107-1	5199802	5207582	5167450	5191611	0.41	cps
Sodium	23-2	22565788	22660206	22626286	22617427	0.21	cps
Strontium	86-1	1404142	1390690	1385386	1393406	0.69	cps
Strontium	88-1	12042819	12002384	11892092	11979098	0.65	cps
Sulfur	34-1	873228	870526	873937	872564	0.21	cps
Terbium	159-1	12285244	12249581	12384757	12306527	0.57	cps
Terbium	159-2	3118891	3076472	3125672	3107012	0.86	cps
Thallium	203-1	2915022	2935380	2931886	2927429	0.37	cps
Thallium	205-1	7008673	6904958	6947027	6953553	0.75	cps
Tin	118-1	3249361	3251561	3300295	3267072	0.88	cps
Titanium	47-1	3155226	3140525	3150636	3148796	0.24	cps
Uranium	238-1	8861953	8762316	8847853	8824041	0.61	cps
Vanadium	51-2	392220	394000	391950	392723	0.28	cps
Yttrium	89-1	12096722	11966502	11933057	11998760	0.72	cps
Yttrium	89-2	412883	414906	409921	412570	0.61	cps
Zinc	66-2	165656	164178	163511	164448	0.67	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:18:56	DataFile Name :	017CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7297295	7255593	7260340	7271076	0.31	cps
Zirconium	91-1	1628526	1629199	1622780	1626835	0.22	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:24:00	DataFile Name :	018CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	8	17	50.01	cps
Antimony	121-1	7686	9654	11380	9573	19.31	cps
Arsenic	75-2	15	37	26	26	42.87	cps
Barium	135-1	117	92	83	97	17.84	cps
Barium	137-1	108	150	167	142	21.21	cps
Beryllium	9-1	117	111	111	113	2.84	cps
Bismuth	209-1	6797188	6818227	6752397	6789271	0.50	cps
Bismuth	209-2	2347817	2359249	2347211	2351426	0.29	cps
Boron	10-1	1967	2000	1909	1959	2.37	cps
Boron	11-1	9846	9687	9320	9618	2.80	cps
Cadmium	111-1	1881	1690	1837	1803	5.56	cps
Cadmium	106-1	2642	2375	2550	2523	5.37	cps
Cadmium	108-1	8	21	21	17	43.31	cps
Calcium	43-1	1225	1150	958	1111	12.38	cps
Calcium	44-1	43427	44364	44572	44121	1.38	cps
Chromium	52-2	880	847	960	896	6.50	cps
Cobalt	59-2	63	123	67	84	39.94	cps
Copper	63-2	1317	1343	1377	1346	2.23	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	67	67	100	78	24.74	cps
Gadolinium	160-2	23	3	3	10	115.51	cps
Holmium	165-1	11692969	11568498	11578994	11613487	0.59	cps
Holmium	165-2	3152744	3116041	3096304	3121696	0.92	cps
Indium	115-1	10775138	10797361	10897695	10823398	0.60	cps
Indium	115-2	534142	537707	535413	535754	0.34	cps
Iron	56-2	3345	3401	3717	3488	5.76	cps
Iron	57-2	144	100	83	109	28.91	cps
Krypton	83-1	447	507	437	463	8.17	cps
Lead	206-1	422	494	439	452	8.37	cps
Lead	207-1	533	467	406	469	13.64	cps
Lead	208-1	1895	2006	1672	1858	9.14	cps
Lithium	6-1	2122484	2135445	2122951	2126960	0.35	cps
Magnesium	24-2	217	242	233	231	5.52	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:24:00	DataFile Name :	018CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	37	27	30	19.24	cps
Molybdenum	94-1	2367	3184	3917	3156	24.57	cps
Molybdenum	95-1	3234	4101	5401	4245	25.70	cps
Molybdenum	96-1	3534	4751	5635	4640	22.73	cps
Molybdenum	97-1	1959	2950	3176	2695	24.03	cps
Molybdenum	98-1	5310	6885	8278	6824	21.76	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	70	123	94	28.53	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3267	3251	3417	3312	2.77	cps
Rhodium	103-1	10347045	10438559	10476921	10420842	0.64	cps
Rhodium	103-2	3071129	3079835	3085603	3078856	0.24	cps
Scandium	45-1	7371757	7479595	7457709	7436354	0.77	cps
Scandium	45-2	63382	61350	62294	62342	1.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	2	6	5	57.32	cps
Selenium	82-1	36	-60	68	15	448.35	cps
Silicon	28-1	490344	492630	490428	491134	0.26	cps
Silver	109-1	225	192	183	200	11.03	cps
Silver	107-1	242	258	208	236	10.78	cps
Sodium	23-2	12456	12214	12164	12278	1.27	cps
Strontium	86-1	800	700	692	731	8.25	cps
Strontium	88-1	158	208	125	164	25.59	cps
Sulfur	34-1	487596	486569	488396	487520	0.19	cps
Terbium	159-1	12163681	12234656	12204808	12201048	0.29	cps
Terbium	159-2	3090023	3018091	3009976	3039363	1.45	cps
Thallium	203-1	967	908	975	950	3.82	cps
Thallium	205-1	2350	2142	2117	2203	5.82	cps
Tin	118-1	1892	2000	2092	1995	5.02	cps
Titanium	47-1	333	333	275	314	10.73	cps
Uranium	238-1	217	242	158	206	20.80	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	11966353	12112774	11957711	12012280	0.73	cps
Yttrium	89-2	409211	404907	405499	406539	0.57	cps
Zinc	66-2	27	27	13	22	34.66	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:24:00	DataFile Name :	018CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2000	2184	2209	2131	5.34	cps
Zirconium	91-1	467	542	500	503	7.47	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:27:19	DataFile Name :	019SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	175	183	164	16.34	cps
Antimony	121-1	20066	21627	21927	21207	4.71	cps
Arsenic	75-2	111	159	117	129	20.42	cps
Barium	135-1	17078	15827	17195	16700	4.54	cps
Barium	137-1	29417	29826	29417	29554	0.80	cps
Beryllium	9-1	1450	1589	1428	1489	5.86	cps
Bismuth	209-1	6718043	6859149	6876844	6818012	1.28	cps
Bismuth	209-2	2221481	2342925	2363076	2309161	3.32	cps
Boron	10-1	4734	5360	5226	5107	6.45	cps
Boron	11-1	24280	23896	24897	24358	2.07	cps
Cadmium	111-1	3292	3661	3720	3558	6.52	cps
Cadmium	106-1	2450	2625	2542	2539	3.45	cps
Cadmium	108-1	188	133	150	157	17.68	cps
Calcium	43-1	12523	12081	12239	12281	1.82	cps
Calcium	44-1	228650	225705	225705	226687	0.75	cps
Chromium	52-2	2940	2807	3010	2919	3.54	cps
Cobalt	59-2	2270	2070	2254	2198	5.05	cps
Copper	63-2	4934	4944	4978	4952	0.46	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	42	33	53	50.76	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	75	108	83	89	19.52	cps
Gadolinium	160-2	10	20	17	16	32.73	cps
Holmium	165-1	11616183	11628051	11705528	11649920	0.42	cps
Holmium	165-2	2948040	3076376	3116289	3046902	2.89	cps
Indium	115-1	10690451	10759027	10728226	10725901	0.32	cps
Indium	115-2	509954	533419	531018	524797	2.46	cps
Iron	56-2	37674	36699	36949	37107	1.36	cps
Iron	57-2	900	878	911	896	1.89	cps
Krypton	83-1	433	420	463	439	5.06	cps
Lead	206-1	4934	4657	4907	4833	3.17	cps
Lead	207-1	4401	4334	4256	4331	1.67	cps
Lead	208-1	19395	19123	19785	19434	1.71	cps
Lithium	6-1	2119587	2156451	2120451	2132163	0.99	cps
Magnesium	24-2	19114	17970	18196	18427	3.29	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:27:19	DataFile Name :	019SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283	297	310	297	4.49	cps
Molybdenum	94-1	17279	18138	18380	17932	3.23	cps
Molybdenum	95-1	20625	20850	21292	20922	1.62	cps
Molybdenum	96-1	23371	23864	24039	23758	1.46	cps
Molybdenum	97-1	12565	13324	13165	13018	3.08	cps
Molybdenum	98-1	32607	31755	32983	32448	1.94	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	730	707	703	4.05	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	14141	13532	13649	13774	2.35	cps
Rhodium	103-1	10401555	10553689	10549549	10501598	0.83	cps
Rhodium	103-2	2946459	3075257	3051101	3024273	2.26	cps
Scandium	45-1	7354349	7465536	7446888	7422258	0.80	cps
Scandium	45-2	59172	61581	62428	61060	2.77	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	22	20	15	19	20.16	cps
Selenium	82-1	630	654	624	636	2.50	cps
Silicon	28-1	564489	563717	562260	563489	0.20	cps
Silver	109-1	9679	9195	9579	9484	2.69	cps
Silver	107-1	9629	10204	9587	9807	3.52	cps
Sodium	23-2	53911	53250	54196	53786	0.90	cps
Strontium	86-1	3092	3159	3259	3170	2.65	cps
Strontium	88-1	22762	22486	22712	22653	0.65	cps
Sulfur	34-1	500379	497013	499725	499039	0.36	cps
Terbium	159-1	12091142	12182031	12288196	12187123	0.81	cps
Terbium	159-2	2904830	3008920	3036021	2983257	2.32	cps
Thallium	203-1	6252	6427	6135	6271	2.34	cps
Thallium	205-1	15602	15168	14284	15018	4.47	cps
Tin	118-1	30586	31614	30720	30973	1.80	cps
Titanium	47-1	5977	5960	6502	6146	5.01	cps
Uranium	238-1	15310	16537	16186	16011	3.95	cps
Vanadium	51-2	3574	3524	3731	3609	2.99	cps
Yttrium	89-1	11858626	11977296	12047065	11960996	0.80	cps
Yttrium	89-2	389564	404594	402390	398849	2.03	cps
Zinc	66-2	347	417	323	362	13.41	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:27:19	DataFile Name :	019SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17837	16953	16578	17123	3.78	cps
Zirconium	91-1	3476	3626	3742	3615	3.70	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-01	Instrumnet Name :	P8
Client Sample ID :	MX2C75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:30:39	DataFile Name :	020SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5168	4643	5235	5015	6.46	cps
Antimony	121-1	1439762	1459501	1451824	1450363	0.69	cps
Arsenic	75-2	5164	5155	5188	5169	0.33	cps
Barium	135-1	716107	716983	721765	718285	0.42	cps
Barium	137-1	1234053	1232571	1247480	1238035	0.66	cps
Beryllium	9-1	14424	15036	15058	14840	2.42	cps
Bismuth	209-1	6827449	6504895	6712605	6681650	2.45	cps
Bismuth	209-2	2324538	2361725	2332685	2339649	0.84	cps
Boron	10-1	1267	1383	1142	1264	9.56	cps
Boron	11-1	6585	6310	6077	6324	4.03	cps
Cadmium	111-1	40393	40971	40982	40782	0.83	cps
Cadmium	106-1	5710	6427	5860	5999	6.30	cps
Cadmium	108-1	2571	2684	2830	2695	4.81	cps
Calcium	43-1	242128	244626	243056	243270	0.52	cps
Calcium	44-1	3976712	4033157	4041513	4017127	0.88	cps
Chromium	52-2	36895	37387	37183	37155	0.66	cps
Cobalt	59-2	1167122	1162718	1166249	1165363	0.20	cps
Copper	63-2	471828	471149	467847	470275	0.45	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	92	33	53	63.82	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	58	133	67	86	47.74	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	11802024	11132163	11468343	11467510	2.92	cps
Holmium	165-2	3102072	3161981	3098974	3121009	1.14	cps
Indium	115-1	10617304	10421905	10577840	10539016	0.98	cps
Indium	115-2	529054	537284	531282	532540	0.80	cps
Iron	56-2	787154	787068	778608	784277	0.63	cps
Iron	57-2	20171	20388	19403	19987	2.59	cps
Krypton	83-1	463	463	470	466	0.83	cps
Lead	206-1	240008	243810	240351	241390	0.87	cps
Lead	207-1	196796	202058	200298	199717	1.34	cps
Lead	208-1	931222	942749	940381	938117	0.65	cps
Lithium	6-1	2140670	2055612	2117848	2104710	2.09	cps
Magnesium	24-2	302530	298636	298087	299751	0.81	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-01	Instrumnet Name :	P8
Client Sample ID :	MX2C75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:30:39	DataFile Name :	020SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13370	13136	13310	13272	0.91	cps
Molybdenum	94-1	1425	1642	1675	1581	8.59	cps
Molybdenum	95-1	942	1250	1408	1200	19.78	cps
Molybdenum	96-1	1200	1442	1917	1520	24.00	cps
Molybdenum	97-1	558	892	842	764	23.53	cps
Molybdenum	98-1	1533	1725	2567	1942	28.31	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	56819	57130	55407	56452	1.63	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	223199	224325	223176	223567	0.29	cps
Rhodium	103-1	10267771	9995925	10408781	10224159	2.05	cps
Rhodium	103-2	3010885	3108655	3107668	3075736	1.83	cps
Scandium	45-1	7358304	7209822	7319474	7295867	1.06	cps
Scandium	45-2	61598	63054	63261	62638	1.45	cps
Selenium	77-2	33	40	53	42	24.12	cps
Selenium	78-2	180	181	202	188	6.57	cps
Selenium	82-1	7670	7742	7548	7653	1.28	cps
Silicon	28-1	517552	519507	521110	519390	0.34	cps
Silver	109-1	229727	230398	233126	231084	0.78	cps
Silver	107-1	242199	249224	250320	247248	1.78	cps
Sodium	23-2	835607	825642	830929	830726	0.60	cps
Strontium	86-1	1567	1817	1550	1645	9.08	cps
Strontium	88-1	8445	8445	8553	8481	0.74	cps
Sulfur	34-1	496966	494242	497869	496359	0.38	cps
Terbium	159-1	12152711	11756113	12135650	12014825	1.87	cps
Terbium	159-2	3063244	3093035	3061410	3072563	0.58	cps
Thallium	203-1	463735	464991	466289	465005	0.27	cps
Thallium	205-1	1114817	1118315	1114128	1115753	0.20	cps
Tin	118-1	900	1042	1050	997	8.45	cps
Titanium	47-1	383	375	350	369	4.70	cps
Uranium	238-1	83	75	50	69	24.98	cps
Vanadium	51-2	147624	147284	146802	147237	0.28	cps
Yttrium	89-1	11912083	11542458	11890335	11781625	1.76	cps
Yttrium	89-2	403779	412365	408501	408215	1.05	cps
Zinc	66-2	23864	22939	23397	23400	1.98	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-01	Instrumnet Name :	P8
Client Sample ID :	MX2C75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:30:39	DataFile Name :	020SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2142	2142	2309	2197	4.38	cps
Zirconium	91-1	442	458	567	489	13.88	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : J2606-13DLX5 Instrumnet Name : P8
 Client Sample ID : MX2C79 Dilution Factor : 5
 Date & Time Acquired :: 2018-05-04 16:37:13 DataFile Name : 021SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2100	1984	2075	2053	2.99	cps
Antimony	121-1	361195	359191	369706	363364	1.54	cps
Arsenic	75-2	5716	5683	5723	5707	0.38	cps
Barium	135-1	411612	407395	413745	410917	0.79	cps
Barium	137-1	705831	709756	711730	709106	0.42	cps
Beryllium	9-1	128	111	117	119	7.16	cps
Bismuth	209-1	6069318	6015888	5930996	6005401	1.16	cps
Bismuth	209-2	2051332	1909651	2075275	2012086	4.45	cps
Boron	10-1	1625	1725	1492	1614	7.25	cps
Boron	11-1	7194	7302	7469	7322	1.89	cps
Cadmium	111-1	12033	12679	11864	12192	3.53	cps
Cadmium	106-1	3217	3467	3167	3284	4.90	cps
Cadmium	108-1	729	825	796	783	6.27	cps
Calcium	43-1	112616	113633	114036	113428	0.64	cps
Calcium	44-1	1927198	1927478	1919343	1924673	0.24	cps
Chromium	52-2	2987	2674	2824	2828	5.54	cps
Cobalt	59-2	179793	179908	178133	179278	0.55	cps
Copper	63-2	15556	16447	16033	16012	2.78	cps
Dysprosium	156-1	858	683	1000	847	18.72	cps
Dysprosium	156-2	197	187	220	201	8.51	cps
Erbium	164-1	683	533	567	594	13.25	cps
Erbium	164-2	217	180	167	188	13.79	cps
Gadolinium	160-1	817	900	767	828	8.14	cps
Gadolinium	160-2	223	283	253	253	11.84	cps
Holmium	165-1	10411237	10484677	10496111	10464008	0.44	cps
Holmium	165-2	2770385	2636734	2790775	2732632	3.06	cps
Indium	115-1	10085762	9858223	9821035	9921673	1.44	cps
Indium	115-2	474482	447520	484836	468946	4.11	cps
Iron	56-2	1601881	1562469	1565037	1576463	1.40	cps
Iron	57-2	38704	38398	38816	38639	0.56	cps
Krypton	83-1	517	440	470	476	8.13	cps
Lead	206-1	120298	120955	120209	120487	0.34	cps
Lead	207-1	100888	100132	100103	100374	0.44	cps
Lead	208-1	467259	467577	464718	466518	0.34	cps
Lithium	6-1	2606474	2699282	2757336	2687697	2.83	cps
Magnesium	24-2	3459	3259	3109	3276	5.36	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 16:37:13	DataFile Name :	021SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6915	6615	6742	6757	2.23	cps
Molybdenum	94-1	10988	11176	12018	11394	4.81	cps
Molybdenum	95-1	1117	1383	1642	1381	19.02	cps
Molybdenum	96-1	2800	2900	3301	3000	8.82	cps
Molybdenum	97-1	767	758	1083	870	21.31	cps
Molybdenum	98-1	1550	1934	2717	2067	28.78	cps
Neodymium	150-1	1520	1360	1533	1471	6.56	cps
Neodymium	150-2	207	273	247	242	13.85	cps
Nickel	60-2	47779	47073	46976	47276	0.93	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	8119	7035	7978	7711	7.64	cps
Rhodium	103-1	9670550	9562667	9647829	9627015	0.59	cps
Rhodium	103-2	2804045	2676701	2861459	2780735	3.40	cps
Scandium	45-1	7170081	7142492	7051767	7121447	0.87	cps
Scandium	45-2	59559	55714	60198	58491	4.15	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	28	35	30	31	12.49	cps
Selenium	82-1	951	1147	1062	1053	9.29	cps
Silicon	28-1	1754966	1772151	1738194	1755103	0.97	cps
Silver	109-1	486432	485021	490959	487471	0.64	cps
Silver	107-1	512362	516748	513160	514090	0.45	cps
Sodium	23-2	24597	24806	24263	24555	1.11	cps
Strontium	86-1	14759	13949	13749	14152	3.78	cps
Strontium	88-1	119648	116468	115075	117064	2.00	cps
Sulfur	34-1	496597	492642	486498	491912	1.03	cps
Terbium	159-1	10865762	11010124	10854638	10910175	0.80	cps
Terbium	159-2	2721371	2589943	2730653	2680655	2.94	cps
Thallium	203-1	74251	73572	74468	74097	0.63	cps
Thallium	205-1	175595	175502	177359	176152	0.59	cps
Tin	118-1	4384	4701	4818	4634	4.84	cps
Titanium	47-1	3301	3542	3251	3364	4.64	cps
Uranium	238-1	1375	1283	1142	1267	9.28	cps
Vanadium	51-2	63055	62947	62080	62694	0.85	cps
Yttrium	89-1	11205524	11111092	11003096	11106571	0.91	cps
Yttrium	89-2	372846	347818	375688	365451	4.20	cps
Zinc	66-2	900	830	783	838	7.01	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 16:37:13	DataFile Name :	021SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	28322	26736	27929	27662	2.99	cps
Zirconium	91-1	6277	6243	6018	6179	2.28	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:41:35	DataFile Name :	022SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8945	8420	8194	8520	4.52	cps
Antimony	121-1	1692368	1795406	1870805	1786193	5.01	cps
Arsenic	75-2	25631	25301	25344	25425	0.71	cps
Barium	135-1	1944580	2058519	2152461	2051853	5.07	cps
Barium	137-1	3373552	3549454	3708315	3543774	4.73	cps
Beryllium	9-1	317	317	333	322	2.99	cps
Bismuth	209-1	5988055	6243018	6676108	6302394	5.52	cps
Bismuth	209-2	2113888	2166258	2190061	2156736	1.81	cps
Boron	10-1	3642	3192	3434	3423	6.58	cps
Boron	11-1	14208	14483	14800	14497	2.04	cps
Cadmium	111-1	48582	52005	55034	51874	6.22	cps
Cadmium	106-1	6252	6944	7361	6852	8.18	cps
Cadmium	108-1	3255	3455	3505	3405	3.89	cps
Calcium	43-1	525797	539014	542283	535698	1.63	cps
Calcium	44-1	8552223	8707837	8785636	8681899	1.37	cps
Chromium	52-2	12206	11185	11448	11613	4.56	cps
Cobalt	59-2	813639	812859	805543	810680	0.55	cps
Copper	63-2	68072	67962	67442	67826	0.50	cps
Dysprosium	156-1	3751	4526	4551	4276	10.64	cps
Dysprosium	156-2	1073	963	1017	1018	5.40	cps
Erbium	164-1	2742	2917	2842	2834	3.10	cps
Erbium	164-2	683	737	727	716	3.96	cps
Gadolinium	160-1	3067	3959	3842	3623	13.38	cps
Gadolinium	160-2	1297	1207	1223	1242	3.86	cps
Holmium	165-1	9822769	10569328	10963967	10452021	5.55	cps
Holmium	165-2	2726979	2700923	2776806	2734903	1.41	cps
Indium	115-1	9363618	9704959	10066401	9711659	3.62	cps
Indium	115-2	442728	442181	440723	441877	0.23	cps
Iron	56-2	6927216	6819888	6824549	6857218	0.88	cps
Iron	57-2	171999	171172	168730	170634	1.00	cps
Krypton	83-1	627	697	620	648	6.56	cps
Lead	206-1	545333	591297	634352	590327	7.54	cps
Lead	207-1	458004	486654	525143	489933	6.88	cps
Lead	208-1	2147552	2294971	2468057	2303527	6.96	cps
Lithium	6-1	4591326	4739342	4837592	4722753	2.62	cps
Magnesium	24-2	13716	13140	13048	13301	2.72	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:41:35	DataFile Name :	022SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29475	29792	29254	29507	0.92	cps
Molybdenum	94-1	47384	49166	50830	49127	3.51	cps
Molybdenum	95-1	2000	2559	2800	2453	16.73	cps
Molybdenum	96-1	13075	11064	11606	11915	8.73	cps
Molybdenum	97-1	1408	1800	2009	1739	17.52	cps
Molybdenum	98-1	3442	4109	4776	4109	16.23	cps
Neodymium	150-1	6862	7329	7229	7140	3.44	cps
Neodymium	150-2	1203	1213	1233	1217	1.26	cps
Nickel	60-2	213991	214380	211355	213242	0.77	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	15376	14416	14024	14605	4.76	cps
Rhodium	103-1	8961285	9117211	9615871	9231456	3.70	cps
Rhodium	103-2	2716579	2669608	2689539	2691909	0.88	cps
Scandium	45-1	6601588	6666429	6755367	6674461	1.16	cps
Scandium	45-2	50510	50952	50370	50611	0.60	cps
Selenium	77-2	33	47	37	39	17.85	cps
Selenium	78-2	102	111	83	99	14.32	cps
Selenium	82-1	4655	4746	5060	4820	4.41	cps
Silicon	28-1	6131621	6068878	6057302	6085934	0.66	cps
Silver	109-1	2305822	2387787	2466235	2386615	3.36	cps
Silver	107-1	2419204	2562997	2633153	2538451	4.30	cps
Sodium	23-2	45490	43075	42824	43796	3.36	cps
Strontium	86-1	62770	66152	68740	65888	4.54	cps
Strontium	88-1	532864	555929	577093	555296	3.98	cps
Sulfur	34-1	452356	450561	442581	448499	1.16	cps
Terbium	159-1	10339197	11077465	11494780	10970481	5.33	cps
Terbium	159-2	2657409	2714979	2726673	2699687	1.37	cps
Thallium	203-1	337525	358867	387068	361153	6.88	cps
Thallium	205-1	805547	863464	926698	865236	7.00	cps
Tin	118-1	27104	26845	28640	27529	3.53	cps
Titanium	47-1	14325	15721	15851	15299	5.53	cps
Uranium	238-1	3609	3601	4251	3820	9.76	cps
Vanadium	51-2	275699	273535	271176	273470	0.83	cps
Yttrium	89-1	10396645	10709331	11020320	10708765	2.91	cps
Yttrium	89-2	332612	330936	331024	331524	0.28	cps
Zinc	66-2	3497	3581	3467	3515	1.67	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:41:35	DataFile Name :	022SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	181882	149209	139153	156748	14.25	cps
Zirconium	91-1	29519	30113	29783	29805	1.00	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DL2X10	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 16:47:02	DataFile Name :	023SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	958	975	986	3.52	cps
Antimony	121-1	198166	197678	205736	200527	2.25	cps
Arsenic	75-2	2723	2706	2765	2731	1.12	cps
Barium	135-1	228096	227084	231104	228761	0.91	cps
Barium	137-1	389898	390290	395899	392029	0.86	cps
Beryllium	9-1	78	111	67	85	27.15	cps
Bismuth	209-1	7018939	7003469	6597356	6873255	3.48	cps
Bismuth	209-2	2230317	2245017	2234030	2236455	0.34	cps
Boron	10-1	900	1067	1075	1014	9.74	cps
Boron	11-1	4226	4501	4809	4512	6.47	cps
Cadmium	111-1	7476	7309	6945	7243	3.75	cps
Cadmium	106-1	2867	2542	2592	2667	6.56	cps
Cadmium	108-1	392	371	363	375	4.01	cps
Calcium	43-1	58105	58188	58122	58138	0.08	cps
Calcium	44-1	966904	970178	968567	968550	0.17	cps
Chromium	52-2	1557	1580	1640	1592	2.70	cps
Cobalt	59-2	87972	87603	87301	87625	0.38	cps
Copper	63-2	8733	9016	8860	8870	1.60	cps
Dysprosium	156-1	467	517	567	517	9.68	cps
Dysprosium	156-2	120	110	87	106	16.20	cps
Erbium	164-1	342	342	283	322	10.45	cps
Erbium	164-2	67	77	73	72	7.05	cps
Gadolinium	160-1	458	542	458	486	9.90	cps
Gadolinium	160-2	130	137	137	134	2.86	cps
Holmium	165-1	11855308	12011792	11106218	11657773	4.15	cps
Holmium	165-2	2912904	2945314	2907643	2921953	0.70	cps
Indium	115-1	10756836	10783490	10114882	10551736	3.59	cps
Indium	115-2	475161	474474	473012	474216	0.23	cps
Iron	56-2	736961	735988	730478	734476	0.48	cps
Iron	57-2	18524	18557	19030	18704	1.51	cps
Krypton	83-1	507	517	500	508	1.65	cps
Lead	206-1	68445	70803	70759	70002	1.93	cps
Lead	207-1	57101	57917	58965	57994	1.61	cps
Lead	208-1	267674	271241	274801	271239	1.31	cps
Lithium	6-1	2445854	2464743	2347841	2419479	2.59	cps
Magnesium	24-2	1467	1692	1400	1520	10.06	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DL2X10	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 16:47:02	DataFile Name :	023SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3367	3157	3404	3309	4.02	cps
Molybdenum	94-1	5693	5827	5877	5799	1.64	cps
Molybdenum	95-1	575	717	775	689	14.93	cps
Molybdenum	96-1	1567	1534	1792	1631	8.62	cps
Molybdenum	97-1	400	642	683	575	26.60	cps
Molybdenum	98-1	900	1050	1175	1042	13.22	cps
Neodymium	150-1	913	840	960	905	6.69	cps
Neodymium	150-2	137	103	117	119	14.11	cps
Nickel	60-2	22902	23336	22882	23040	1.11	cps
Phosphorus	31-2	8	33	17	19	65.48	cps
Potassium	39-2	4634	4276	4593	4501	4.36	cps
Rhodium	103-1	10292334	10441497	9747096	10160309	3.60	cps
Rhodium	103-2	2882237	2885604	2862649	2876830	0.43	cps
Scandium	45-1	7131317	7187084	6717700	7012034	3.66	cps
Scandium	45-2	54997	55553	55646	55399	0.63	cps
Selenium	77-2	13	13	3	10	57.75	cps
Selenium	78-2	6	13	11	10	38.99	cps
Selenium	82-1	476	517	422	472	10.04	cps
Silicon	28-1	1066206	1069752	1062739	1066232	0.33	cps
Silver	109-1	259292	264140	264207	262546	1.07	cps
Silver	107-1	276371	279607	280278	278752	0.75	cps
Sodium	23-2	14274	15042	14141	14486	3.36	cps
Strontium	86-1	7928	7928	7894	7917	0.24	cps
Strontium	88-1	61138	61959	61933	61676	0.76	cps
Sulfur	34-1	467654	468679	469385	468573	0.19	cps
Terbium	159-1	12463938	12428285	11752996	12215073	3.28	cps
Terbium	159-2	2843025	2828162	2854841	2842009	0.47	cps
Thallium	203-1	41210	41410	42355	41659	1.47	cps
Thallium	205-1	98758	100572	99213	99515	0.95	cps
Tin	118-1	2517	2217	2400	2378	6.36	cps
Titanium	47-1	1633	1859	1592	1695	8.47	cps
Uranium	238-1	417	558	500	492	14.48	cps
Vanadium	51-2	30410	30042	29819	30090	0.99	cps
Yttrium	89-1	11827671	11811737	11165243	11601550	3.26	cps
Yttrium	89-2	359147	361516	360241	360301	0.33	cps
Zinc	66-2	437	397	463	432	7.76	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2606-13DL2X10	Instrumnet Name :	P8
Client Sample ID :	MX2C79	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 16:47:02	DataFile Name :	023SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15529	14333	14892	14918	4.01	cps
Zirconium	91-1	3317	3267	3552	3379	4.51	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:53:49	DataFile Name :	024CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377611	380861	382454	380309	0.65	cps
Antimony	121-1	4668424	4707123	4706609	4694052	0.47	cps
Arsenic	75-2	55449	55299	55990	55580	0.65	cps
Barium	135-1	4884170	4889822	4911077	4895023	0.29	cps
Barium	137-1	8384228	8379103	8358418	8373917	0.16	cps
Beryllium	9-1	752696	750763	754138	752532	0.23	cps
Bismuth	209-1	7141351	6895337	7217831	7084840	2.38	cps
Bismuth	209-2	2304267	2295308	2228640	2276071	1.82	cps
Boron	10-1	83174	87174	87047	85798	2.65	cps
Boron	11-1	384377	396640	403505	394841	2.45	cps
Cadmium	111-1	1031814	1020480	1034814	1029036	0.73	cps
Cadmium	106-1	108342	108317	110417	109025	1.11	cps
Cadmium	108-1	73013	72322	72862	72733	0.50	cps
Calcium	43-1	5963590	5969699	5991231	5974840	0.24	cps
Calcium	44-1	97405958	97826669	98172904	97801844	0.39	cps
Chromium	52-2	512012	512289	516237	513512	0.46	cps
Cobalt	59-2	1024125	1030955	1037391	1030824	0.64	cps
Copper	63-2	1787657	1816680	1812216	1805518	0.87	cps
Dysprosium	156-1	58	58	100	72	33.31	cps
Dysprosium	156-2	17	27	17	20	28.86	cps
Erbium	164-1	17	75	58	50	60.09	cps
Erbium	164-2	30	0	7	12	128.87	cps
Gadolinium	160-1	108	150	108	122	19.68	cps
Gadolinium	160-2	7	40	33	27	66.13	cps
Holmium	165-1	12631671	12646774	12779622	12686022	0.64	cps
Holmium	165-2	3115861	3147167	3083935	3115654	1.01	cps
Indium	115-1	10887023	10622527	11027484	10845678	1.90	cps
Indium	115-2	499486	492998	498027	496837	0.69	cps
Iron	56-2	82457896	82914169	82374130	82582065	0.35	cps
Iron	57-2	2082783	2127957	2134737	2115159	1.34	cps
Krypton	83-1	503	497	447	482	6.42	cps
Lead	206-1	2631093	2597196	2625626	2617972	0.70	cps
Lead	207-1	2421698	2360767	2385563	2389343	1.28	cps
Lead	208-1	10689478	10661394	10674599	10675157	0.13	cps
Lithium	6-1	2048207	2036806	2095295	2060103	1.51	cps
Magnesium	24-2	9058004	9110355	9099386	9089248	0.30	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:53:49	DataFile Name :	024CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	276169	277736	281312	278406	0.95	cps
Molybdenum	94-1	8610219	8639872	8545345	8598479	0.56	cps
Molybdenum	95-1	10537680	10416318	10322562	10425520	1.03	cps
Molybdenum	96-1	11740234	11773444	11508368	11674015	1.24	cps
Molybdenum	97-1	6685742	6727677	6597316	6670245	1.00	cps
Molybdenum	98-1	16895912	16856136	16854111	16868720	0.14	cps
Neodymium	150-1	193	233	173	200	15.27	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	305634	308064	308745	307481	0.53	cps
Phosphorus	31-2	5335	5360	4826	5173	5.82	cps
Potassium	39-2	2569659	2578983	2571595	2573412	0.19	cps
Rhodium	103-1	9974511	9931977	10285456	10063982	1.92	cps
Rhodium	103-2	2897751	2872481	2886847	2885693	0.44	cps
Scandium	45-1	7258909	7133030	7372870	7254936	1.65	cps
Scandium	45-2	58351	59743	57949	58681	1.60	cps
Selenium	77-2	407	417	343	389	10.23	cps
Selenium	78-2	1315	1454	1330	1366	5.58	cps
Selenium	82-1	66679	67239	66442	66787	0.61	cps
Silicon	28-1	2736864	2826635	2850676	2804725	2.14	cps
Silver	109-1	5050459	5018015	5003426	5023967	0.48	cps
Silver	107-1	5309219	5295382	5289622	5298074	0.19	cps
Sodium	23-2	21298118	21388496	21297164	21327926	0.25	cps
Strontium	86-1	1408199	1408099	1417176	1411158	0.37	cps
Strontium	88-1	12170481	12137371	12058245	12122032	0.48	cps
Sulfur	34-1	841209	842416	841196	841607	0.08	cps
Terbium	159-1	13090445	12965335	13362704	13139495	1.55	cps
Terbium	159-2	3047482	3063233	3079885	3063533	0.53	cps
Thallium	203-1	3238351	3225020	3203356	3222242	0.55	cps
Thallium	205-1	7564887	7551724	7587475	7568029	0.24	cps
Tin	118-1	3391820	3354930	3356655	3367802	0.62	cps
Titanium	47-1	3069560	3101909	3073608	3081692	0.57	cps
Uranium	238-1	9892354	9767918	9708841	9789704	0.96	cps
Vanadium	51-2	369371	368801	370039	369404	0.17	cps
Yttrium	89-1	12054506	11843169	12430093	12109256	2.45	cps
Yttrium	89-2	385383	391277	385612	387424	0.86	cps
Zinc	66-2	152440	155416	154293	154050	0.98	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 16:53:49	DataFile Name :	024CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7376833	7281782	7342233	7333616	0.66	cps
Zirconium	91-1	1659719	1640644	1635990	1645451	0.76	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:07:03	DataFile Name :	025CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	17	31	41.66	cps
Antimony	121-1	3484	4459	4893	4279	16.86	cps
Arsenic	75-2	22	19	26	22	16.67	cps
Barium	135-1	42	58	42	47	20.38	cps
Barium	137-1	25	67	42	44	47.19	cps
Beryllium	9-1	56	83	100	80	28.19	cps
Bismuth	209-1	7399801	7379179	7304937	7361306	0.68	cps
Bismuth	209-2	2379790	2380795	2416793	2392459	0.88	cps
Boron	10-1	850	892	817	853	4.41	cps
Boron	11-1	3309	3751	3642	3567	6.45	cps
Cadmium	111-1	1533	1727	1607	1623	6.04	cps
Cadmium	106-1	2167	2450	2267	2295	6.26	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	925	967	1167	1020	12.67	cps
Calcium	44-1	37200	37518	38162	37627	1.30	cps
Chromium	52-2	767	810	830	802	4.04	cps
Cobalt	59-2	87	60	73	73	18.18	cps
Copper	63-2	1343	1397	1327	1356	2.70	cps
Dysprosium	156-1	8	42	0	17	132.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	67	42	42	60.00	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	100	42	108	83	43.59	cps
Gadolinium	160-2	23	13	10	16	44.60	cps
Holmium	165-1	12485416	12229614	12318324	12344451	1.05	cps
Holmium	165-2	3116593	3144328	3115500	3125474	0.52	cps
Indium	115-1	11422709	11200710	11077692	11233704	1.56	cps
Indium	115-2	518380	514255	519791	517476	0.56	cps
Iron	56-2	2272	2400	2350	2341	2.75	cps
Iron	57-2	83	72	94	83	13.33	cps
Krypton	83-1	430	480	477	462	6.05	cps
Lead	206-1	456	511	400	456	12.20	cps
Lead	207-1	528	306	406	413	26.95	cps
Lead	208-1	1967	1861	1656	1828	8.66	cps
Lithium	6-1	2120572	2131999	2151380	2134650	0.73	cps
Magnesium	24-2	225	233	217	225	3.70	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:07:03	DataFile Name :	025CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	30	40	31	26.97	cps
Molybdenum	94-1	1183	1775	2059	1672	26.70	cps
Molybdenum	95-1	1358	1809	2350	1839	27.00	cps
Molybdenum	96-1	1725	2109	2817	2217	24.99	cps
Molybdenum	97-1	825	1158	1558	1181	31.10	cps
Molybdenum	98-1	1867	3251	4059	3059	36.24	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	67	87	87	23.08	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2967	3151	3384	3167	6.60	cps
Rhodium	103-1	10903607	10624367	10729827	10752600	1.31	cps
Rhodium	103-2	3081819	3068117	3077380	3075772	0.23	cps
Scandium	45-1	7489033	7368527	7363475	7407012	0.96	cps
Scandium	45-2	59900	59462	58378	59247	1.32	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	58	14	12	28	92.41	cps
Silicon	28-1	471106	467444	466327	468293	0.53	cps
Silver	109-1	267	317	367	317	15.79	cps
Silver	107-1	442	342	225	336	32.26	cps
Sodium	23-2	8311	8236	8228	8258	0.56	cps
Strontium	86-1	617	650	617	628	3.07	cps
Strontium	88-1	208	167	67	147	49.45	cps
Sulfur	34-1	491527	493771	493210	492836	0.24	cps
Terbium	159-1	13042676	12856119	12998697	12965831	0.75	cps
Terbium	159-2	3056108	3000561	3043769	3033479	0.96	cps
Thallium	203-1	608	508	500	539	11.19	cps
Thallium	205-1	1100	1175	1042	1106	6.05	cps
Tin	118-1	858	983	1392	1078	25.88	cps
Titanium	47-1	250	342	300	297	15.44	cps
Uranium	238-1	42	83	92	72	37.09	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	12446881	12255306	12219768	12307318	0.99	cps
Yttrium	89-2	390569	386564	392342	389825	0.76	cps
Zinc	66-2	23	30	20	24	20.83	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:07:03	DataFile Name :	025CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1558	1684	1550	1597	4.68	cps
Zirconium	91-1	283	292	350	308	11.78	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BL	Instrumnet Name :	P8
Client Sample ID :	PB108922BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:10:23	DataFile Name :	026CCBE_P8050418-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	1742	2175	2542	2153	18.60	cps
Arsenic	75-2	6	9	9	8	26.61	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	50	42	117	69	59.19	cps
Beryllium	9-1	61	61	61	61	0.00	cps
Bismuth	209-1	7434156	7360532	7389674	7394787	0.50	cps
Bismuth	209-2	2438839	2436201	2418915	2431318	0.45	cps
Boron	10-1	617	717	783	706	11.89	cps
Boron	11-1	3251	3017	3209	3159	3.94	cps
Cadmium	111-1	1616	1734	1901	1751	8.17	cps
Cadmium	106-1	2284	2459	2692	2478	8.27	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	1100	1075	775	983	18.39	cps
Calcium	44-1	36566	36925	38245	37245	2.37	cps
Chromium	52-2	790	797	763	783	2.25	cps
Cobalt	59-2	77	83	40	67	35.00	cps
Copper	63-2	1390	1460	1340	1397	4.32	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	75	8	33	39	86.61	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	108	83	108	100	14.43	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	12683372	12681620	12575286	12646759	0.49	cps
Holmium	165-2	3139011	3124107	3110003	3124374	0.46	cps
Indium	115-1	11264352	11263615	11114876	11214281	0.77	cps
Indium	115-2	518161	518274	517863	518099	0.04	cps
Iron	56-2	2222	2184	2306	2237	2.79	cps
Iron	57-2	33	67	94	65	47.21	cps
Krypton	83-1	413	490	517	473	11.33	cps
Lead	206-1	411	478	483	457	8.79	cps
Lead	207-1	389	400	439	409	6.41	cps
Lead	208-1	1695	1817	1772	1761	3.51	cps
Lithium	6-1	2161650	2145069	2163306	2156675	0.47	cps
Magnesium	24-2	225	208	250	228	9.20	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BL	Instrumnet Name :	P8
Client Sample ID :	PB108922BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:10:23	DataFile Name :	026CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	33	37	31	22.31	cps
Molybdenum	94-1	858	908	1100	956	13.35	cps
Molybdenum	95-1	558	867	1192	872	36.31	cps
Molybdenum	96-1	825	1092	1183	1033	18.02	cps
Molybdenum	97-1	342	550	742	544	36.75	cps
Molybdenum	98-1	858	1175	1575	1203	29.86	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	73	73	71	5.41	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2992	3000	2959	2984	0.74	cps
Rhodium	103-1	10787687	10691317	10863212	10780739	0.80	cps
Rhodium	103-2	3056591	3072963	3066669	3065408	0.27	cps
Scandium	45-1	7447588	7458131	7445134	7450284	0.09	cps
Scandium	45-2	58692	59429	59495	59205	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	19	-47	-70	-33	-140.91	cps
Silicon	28-1	466525	469444	466136	467368	0.39	cps
Silver	109-1	283	283	275	281	1.71	cps
Silver	107-1	367	250	358	325	20.03	cps
Sodium	23-2	8069	7844	8103	8005	1.76	cps
Strontium	86-1	683	642	642	656	3.67	cps
Strontium	88-1	192	100	167	153	31.01	cps
Sulfur	34-1	495668	500616	499674	498653	0.53	cps
Terbium	159-1	13062876	13028546	12975799	13022407	0.34	cps
Terbium	159-2	3094880	3071370	3098560	3088270	0.48	cps
Thallium	203-1	458	583	608	550	14.61	cps
Thallium	205-1	1125	1267	917	1103	15.96	cps
Tin	118-1	625	842	1008	825	23.30	cps
Titanium	47-1	250	192	292	244	20.55	cps
Uranium	238-1	75	67	33	58	37.80	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	12343429	12295706	12347051	12328729	0.23	cps
Yttrium	89-2	394022	389375	392914	392104	0.62	cps
Zinc	66-2	10	33	13	19	66.81	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BL	Instrumnet Name :	P8
Client Sample ID :	PB108922BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:10:23	DataFile Name :	026CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1200	1358	1283	1281	6.19	cps
Zirconium	91-1	233	283	342	286	18.95	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : PB108922BS Instrumnet Name : P8
 Client Sample ID : PB108922BS Dilution Factor : 1
 Date & Time Acquired :: 2018-05-04 17:13:43 DataFile Name : 027LCSS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73851	73860	74002	73904	0.11	cps
Antimony	121-1	4870954	4870675	4904741	4882123	0.40	cps
Arsenic	75-2	56935	57569	57069	57191	0.58	cps
Barium	135-1	4997152	4978379	5022427	4999319	0.44	cps
Barium	137-1	8603608	8603500	8709454	8638854	0.71	cps
Beryllium	9-1	763312	769661	764972	765982	0.43	cps
Bismuth	209-1	7609081	7313528	7524034	7482215	2.03	cps
Bismuth	209-2	2467524	2458236	2450184	2458648	0.35	cps
Boron	10-1	83081	87173	86075	85443	2.48	cps
Boron	11-1	384696	394550	405368	394871	2.62	cps
Cadmium	111-1	1084023	1087499	1080560	1084027	0.32	cps
Cadmium	106-1	114701	116382	114769	115284	0.83	cps
Cadmium	108-1	77006	77924	77525	77485	0.59	cps
Calcium	43-1	1253081	1249040	1273059	1258393	1.02	cps
Calcium	44-1	19873461	20192875	20067516	20044617	0.80	cps
Chromium	52-2	514557	514518	509743	512939	0.54	cps
Cobalt	59-2	1071845	1071735	1073268	1072283	0.08	cps
Copper	63-2	1915468	1912577	1919050	1915698	0.17	cps
Dysprosium	156-1	108	67	42	72	46.63	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	100	42	58	62.27	cps
Erbium	164-2	13	3	30	16	86.63	cps
Gadolinium	160-1	83	58	100	81	26.03	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	13107950	12601142	13158769	12955953	2.38	cps
Holmium	165-2	3273396	3230261	3237595	3247084	0.71	cps
Indium	115-1	11480597	11013528	11550295	11348140	2.57	cps
Indium	115-2	520548	522670	523341	522186	0.28	cps
Iron	56-2	17373226	17236408	17240530	17283388	0.45	cps
Iron	57-2	432439	430678	430336	431151	0.26	cps
Krypton	83-1	507	497	563	522	6.88	cps
Lead	206-1	2656770	2674659	2658415	2663281	0.37	cps
Lead	207-1	2440233	2455913	2443816	2446654	0.34	cps
Lead	208-1	10897148	10902247	10872432	10890609	0.15	cps
Lithium	6-1	2172680	2070037	2191850	2144856	3.05	cps
Magnesium	24-2	1969671	1942189	1943039	1951633	0.80	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BS	Instrumnet Name :	P8
Client Sample ID :	PB108922BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:13:43	DataFile Name :	027LCSS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	286031	283799	282778	284203	0.59	cps
Molybdenum	94-1	8753450	8791398	8658346	8734398	0.78	cps
Molybdenum	95-1	10635423	10631997	10529774	10599065	0.57	cps
Molybdenum	96-1	11925980	11902970	11870365	11899772	0.23	cps
Molybdenum	97-1	6768106	6786611	6675254	6743324	0.88	cps
Molybdenum	98-1	17035162	17186218	16942139	17054506	0.72	cps
Neodymium	150-1	167	180	180	176	4.39	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	316103	318439	315523	316688	0.49	cps
Phosphorus	31-2	4976	4551	5043	4857	5.49	cps
Potassium	39-2	521991	523865	522967	522941	0.18	cps
Rhodium	103-1	10827293	10437958	10713395	10659549	1.88	cps
Rhodium	103-2	3043425	3082505	3071269	3065733	0.66	cps
Scandium	45-1	7599596	7262029	7610720	7490782	2.65	cps
Scandium	45-2	60550	61019	61326	60965	0.64	cps
Selenium	77-2	453	460	383	432	9.83	cps
Selenium	78-2	1437	1452	1443	1444	0.52	cps
Selenium	82-1	69813	69630	69671	69705	0.14	cps
Silicon	28-1	2624148	2647148	2625656	2632317	0.49	cps
Silver	109-1	5150072	5166711	5137342	5151375	0.29	cps
Silver	107-1	5410415	5486133	5403420	5433323	0.84	cps
Sodium	23-2	4494024	4461304	4405600	4453643	1.00	cps
Strontium	86-1	1397302	1427733	1396990	1407342	1.25	cps
Strontium	88-1	12064915	11996711	12030062	12030563	0.28	cps
Sulfur	34-1	868574	864175	863960	865570	0.30	cps
Terbium	159-1	13518334	13112385	13828977	13486565	2.66	cps
Terbium	159-2	3149216	3147448	3127450	3141371	0.38	cps
Thallium	203-1	3301927	3337841	3291536	3310435	0.73	cps
Thallium	205-1	7804178	7821936	7795410	7807175	0.17	cps
Tin	118-1	3438882	3445484	3467995	3450787	0.44	cps
Titanium	47-1	3122851	3151263	3133725	3135946	0.46	cps
Uranium	238-1	9791897	9868773	9656172	9772280	1.10	cps
Vanadium	51-2	376996	376493	374107	375865	0.41	cps
Yttrium	89-1	12717281	12200391	12675581	12531084	2.29	cps
Yttrium	89-2	400194	399913	402482	400863	0.35	cps
Zinc	66-2	162267	161342	162940	162183	0.49	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	PB108922BS	Instrumnet Name :	P8
Client Sample ID :	PB108922BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:13:43	DataFile Name :	027LCSS_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7494992	7515659	7476951	7495868	0.26	cps
Zirconium	91-1	1662163	1700403	1655594	1672720	1.45	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:16:54	DataFile Name :	028SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219404	220299	220295	219999	0.23	cps
Antimony	121-1	19473	20976	22328	20926	6.82	cps
Arsenic	75-2	876	917	856	883	3.53	cps
Barium	135-1	2498340	2421754	2498307	2472800	1.79	cps
Barium	137-1	4238258	4230126	4301145	4256509	0.91	cps
Beryllium	9-1	4156	4317	4445	4306	3.36	cps
Bismuth	209-1	7159748	7350489	6848499	7119579	3.56	cps
Bismuth	209-2	2363220	2366316	2361437	2363658	0.10	cps
Boron	10-1	7227	6819	6610	6885	4.56	cps
Boron	11-1	33166	30625	30500	31430	4.79	cps
Cadmium	111-1	2912	2812	2633	2786	5.06	cps
Cadmium	106-1	3317	3476	3101	3298	5.71	cps
Cadmium	108-1	229	292	279	267	12.40	cps
Calcium	43-1	2656560	2679760	2716090	2684137	1.12	cps
Calcium	44-1	42694137	43217519	43246607	43052754	0.72	cps
Chromium	52-2	55607	56038	56299	55982	0.62	cps
Cobalt	59-2	67205	67040	66796	67014	0.31	cps
Copper	63-2	134432	134143	134140	134239	0.13	cps
Dysprosium	156-1	125389	123034	125542	124655	1.13	cps
Dysprosium	156-2	31354	31505	34054	32304	4.70	cps
Erbium	164-1	99303	99453	100714	99823	0.78	cps
Erbium	164-2	22947	22867	22977	22930	0.25	cps
Gadolinium	160-1	117729	119496	119563	118929	0.87	cps
Gadolinium	160-2	37932	37460	38376	37923	1.21	cps
Holmium	165-1	12666272	12632385	12180624	12493094	2.17	cps
Holmium	165-2	3210636	3156382	3170103	3179041	0.89	cps
Indium	115-1	10958773	11128407	10492773	10859984	3.03	cps
Indium	115-2	511701	504983	511589	509425	0.76	cps
Iron	56-2	34683558	34243892	34092836	34340095	0.89	cps
Iron	57-2	854994	857998	862336	858443	0.43	cps
Krypton	83-1	643	563	623	610	6.82	cps
Lead	206-1	178174	180559	181142	179958	0.87	cps
Lead	207-1	145903	147065	149195	147388	1.13	cps
Lead	208-1	687660	700196	705027	697628	1.28	cps
Lithium	6-1	2073004	2108563	1993509	2058359	2.86	cps
Magnesium	24-2	1581148	1563201	1572760	1572370	0.57	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:16:54	DataFile Name :	028SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	932734	929248	931267	931083	0.19	cps
Molybdenum	94-1	95249	99437	98474	97720	2.24	cps
Molybdenum	95-1	10213	11981	13157	11783	12.58	cps
Molybdenum	96-1	25892	28497	29984	28125	7.36	cps
Molybdenum	97-1	6052	6927	8336	7105	16.22	cps
Molybdenum	98-1	15434	18588	20107	18043	13.21	cps
Neodymium	150-1	203568	207211	204977	205252	0.90	cps
Neodymium	150-2	31187	31187	31040	31138	0.27	cps
Nickel	60-2	51893	50675	50588	51052	1.43	cps
Phosphorus	31-2	1800	1525	1583	1636	8.86	cps
Potassium	39-2	201846	198750	197222	199273	1.18	cps
Rhodium	103-1	10481419	10553467	9830699	10288528	3.87	cps
Rhodium	103-2	2986965	2999595	2984617	2990393	0.27	cps
Scandium	45-1	7508685	7522078	7083218	7371327	3.39	cps
Scandium	45-2	60928	59187	59967	60028	1.45	cps
Selenium	77-2	180	113	200	164	27.59	cps
Selenium	78-2	96	81	85	88	8.80	cps
Selenium	82-1	168	353	269	263	35.18	cps
Silicon	28-1	5179920	9192236	5411996	6594717	34.16	cps
Silver	109-1	1509	1734	1458	1567	9.35	cps
Silver	107-1	1650	1650	1950	1750	9.90	cps
Sodium	23-2	141683	138208	140650	140180	1.27	cps
Strontium	86-1	523134	525750	530237	526374	0.68	cps
Strontium	88-1	4519922	4591764	4576197	4562628	0.83	cps
Sulfur	34-1	487074	489403	490886	489121	0.39	cps
Terbium	159-1	13244423	13165760	12517819	12976001	3.07	cps
Terbium	159-2	3077239	3071792	3114511	3087848	0.75	cps
Thallium	203-1	5035	4968	5293	5098	3.37	cps
Thallium	205-1	12298	12590	11339	12076	5.42	cps
Tin	118-1	5318	5610	6152	5693	7.43	cps
Titanium	47-1	618391	616107	610463	614987	0.66	cps
Uranium	238-1	85568	88397	89034	87666	2.10	cps
Vanadium	51-2	47544	46487	47166	47066	1.14	cps
Yttrium	89-1	13676321	13746873	13127137	13516777	2.51	cps
Yttrium	89-2	436393	432097	440691	436394	0.98	cps
Zinc	66-2	22061	20773	20832	21222	3.43	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:16:54	DataFile Name :	028SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	256721	254157	257552	256143	0.69	cps
Zirconium	91-1	57272	57021	56894	57062	0.34	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:20:10	DataFile Name :	029SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	759596	761084	757345	759342	0.25	cps
Antimony	121-1	5968	6752	8195	6972	16.20	cps
Arsenic	75-2	2930	3082	2904	2972	3.23	cps
Barium	135-1	2840167	2806533	2866001	2837567	1.05	cps
Barium	137-1	4823616	4862034	4909242	4864964	0.88	cps
Beryllium	9-1	11661	12083	11694	11813	1.99	cps
Bismuth	209-1	7279019	7310958	7342849	7310942	0.44	cps
Bismuth	209-2	2352974	2158924	2366003	2292633	5.06	cps
Boron	10-1	11789	11731	11830	11783	0.42	cps
Boron	11-1	54907	54747	57115	55590	2.38	cps
Cadmium	111-1	4111	4432	4282	4275	3.76	cps
Cadmium	106-1	4918	5193	4876	4996	3.45	cps
Cadmium	108-1	825	850	717	797	8.89	cps
Calcium	43-1	5639708	5641629	5693995	5658444	0.54	cps
Calcium	44-1	91053952	91540365	91812608	91468975	0.42	cps
Chromium	52-2	182748	184137	186584	184490	1.05	cps
Cobalt	59-2	197722	197892	200490	198701	0.78	cps
Copper	63-2	353926	353865	355021	354271	0.18	cps
Dysprosium	156-1	260806	257457	260979	259747	0.76	cps
Dysprosium	156-2	67308	67952	67262	67507	0.57	cps
Erbium	164-1	211340	215509	218119	214990	1.59	cps
Erbium	164-2	49142	49812	49209	49388	0.75	cps
Gadolinium	160-1	256277	251360	255761	254466	1.06	cps
Gadolinium	160-2	80151	80855	80590	80532	0.44	cps
Holmium	165-1	12965900	13021961	13263408	13083756	1.21	cps
Holmium	165-2	3207516	2985813	3253704	3149011	4.55	cps
Indium	115-1	11029252	11132948	11191300	11117833	0.74	cps
Indium	115-2	508160	466464	503874	492833	4.65	cps
Iron	56-2	117748619	117962478	117720636	117810578	0.11	cps
Iron	57-2	3017383	3004579	3012226	3011396	0.21	cps
Krypton	83-1	703	703	790	732	6.83	cps
Lead	206-1	488956	492175	498985	493372	1.04	cps
Lead	207-1	404510	404442	407663	405538	0.45	cps
Lead	208-1	1895102	1906935	1925841	1909293	0.81	cps
Lithium	6-1	2040316	2079661	2092341	2070773	1.31	cps
Magnesium	24-2	3840454	3891320	3891486	3874420	0.76	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:20:10	DataFile Name :	029SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1535758	1560368	1530471	1542199	1.03	cps
Molybdenum	94-1	318722	326056	318101	320959	1.38	cps
Molybdenum	95-1	11038	12064	12590	11898	6.63	cps
Molybdenum	96-1	66568	67159	68541	67423	1.50	cps
Molybdenum	97-1	6919	6819	7961	7233	8.75	cps
Molybdenum	98-1	17779	18355	20500	18878	7.59	cps
Neodymium	150-1	393438	397912	401611	397654	1.03	cps
Neodymium	150-2	58530	60137	59987	59551	1.49	cps
Nickel	60-2	136087	137026	135703	136272	0.50	cps
Phosphorus	31-2	2909	3009	3075	2998	2.80	cps
Potassium	39-2	730796	734734	735456	733662	0.34	cps
Rhodium	103-1	10315982	10490573	10469590	10425381	0.91	cps
Rhodium	103-2	2922497	2705600	2927622	2851906	4.44	cps
Scandium	45-1	7966556	7955473	8022600	7981543	0.45	cps
Scandium	45-2	63416	58871	62585	61624	3.93	cps
Selenium	77-2	380	340	330	350	7.56	cps
Selenium	78-2	174	176	189	180	4.49	cps
Selenium	82-1	609	504	429	514	17.64	cps
Silicon	28-1	30556867	28801130	26164389	28507462	7.76	cps
Silver	109-1	3034	2825	2817	2892	4.25	cps
Silver	107-1	3442	3359	3534	3445	2.54	cps
Sodium	23-2	212394	214719	214903	214005	0.65	cps
Strontium	86-1	1625343	1635700	1678983	1646675	1.73	cps
Strontium	88-1	13709234	14066326	14165514	13980358	1.72	cps
Sulfur	34-1	800034	795839	802908	799594	0.44	cps
Terbium	159-1	13543127	13536518	13698900	13592848	0.68	cps
Terbium	159-2	3139900	2909932	3148260	3066031	4.41	cps
Thallium	203-1	14125	14709	15560	14798	4.88	cps
Thallium	205-1	33847	35058	34724	34543	1.81	cps
Tin	118-1	9170	9170	9712	9351	3.35	cps
Titanium	47-1	2769855	2843573	2825120	2812849	1.36	cps
Uranium	238-1	177799	175556	177088	176814	0.65	cps
Vanadium	51-2	161027	162404	163518	162316	0.77	cps
Yttrium	89-1	15307136	15674707	15538198	15506680	1.20	cps
Yttrium	89-2	489853	463778	493246	482292	3.34	cps
Zinc	66-2	69406	69249	69285	69313	0.12	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:20:10	DataFile Name :	029SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	861496	876008	889894	875799	1.62	cps
Zirconium	91-1	194385	196473	193702	194853	0.74	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:23:25	DataFile Name :	030SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1015738	1009004	999452	1008064	0.81	cps
Antimony	121-1	3942	4168	5118	4409	14.15	cps
Arsenic	75-2	5247	4919	5233	5133	3.61	cps
Barium	135-1	3588782	3597690	3650689	3612387	0.93	cps
Barium	137-1	6191167	6154404	6192573	6179382	0.35	cps
Beryllium	9-1	13935	13429	13373	13579	2.28	cps
Bismuth	209-1	7312207	7242499	7292335	7282347	0.49	cps
Bismuth	209-2	2376606	2337129	2365207	2359647	0.86	cps
Boron	10-1	12514	13866	13615	13332	5.39	cps
Boron	11-1	61641	62102	65200	62981	3.07	cps
Cadmium	111-1	5908	5462	5894	5755	4.40	cps
Cadmium	106-1	7119	6727	7327	7058	4.32	cps
Cadmium	108-1	1471	1483	1550	1502	2.83	cps
Calcium	43-1	5513342	5508926	5528671	5516980	0.19	cps
Calcium	44-1	89292842	89377902	90126710	89599151	0.51	cps
Chromium	52-2	211834	213079	213026	212646	0.33	cps
Cobalt	59-2	270551	270171	269961	270228	0.11	cps
Copper	63-2	535506	536736	531270	534504	0.54	cps
Dysprosium	156-1	281978	275280	281542	279600	1.34	cps
Dysprosium	156-2	74953	74282	73773	74336	0.80	cps
Erbium	164-1	239775	243250	243075	242033	0.81	cps
Erbium	164-2	56060	56140	55571	55924	0.55	cps
Gadolinium	160-1	276602	277179	285431	279737	1.77	cps
Gadolinium	160-2	89309	88564	88175	88683	0.65	cps
Holmium	165-1	12994075	12939843	13016339	12983419	0.30	cps
Holmium	165-2	3253839	3182946	3201838	3212875	1.14	cps
Indium	115-1	11143836	11053657	11228105	11141866	0.78	cps
Indium	115-2	513805	507247	510058	510370	0.64	cps
Iron	56-2	190834993	190245365	188789893	189956751	0.55	cps
Iron	57-2	4751707	4773491	4756990	4760729	0.24	cps
Krypton	83-1	787	700	787	758	6.60	cps
Lead	206-1	721146	722316	729486	724316	0.62	cps
Lead	207-1	599842	592441	599269	597184	0.69	cps
Lead	208-1	2813684	2803954	2814543	2810727	0.21	cps
Lithium	6-1	2106639	2108557	2100999	2105398	0.19	cps
Magnesium	24-2	4107314	3980024	3965950	4017763	1.94	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:23:25	DataFile Name :	030SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1815295	1823465	1791727	1810162	0.91	cps
Molybdenum	94-1	644190	650885	651638	648904	0.63	cps
Molybdenum	95-1	12765	12364	13115	12748	2.95	cps
Molybdenum	96-1	121884	123160	124207	123084	0.94	cps
Molybdenum	97-1	7761	7502	7944	7736	2.87	cps
Molybdenum	98-1	19356	19673	20758	19929	3.69	cps
Neodymium	150-1	399453	397981	407774	401736	1.31	cps
Neodymium	150-2	61165	60057	61004	60742	0.99	cps
Nickel	60-2	182286	181833	180327	181482	0.57	cps
Phosphorus	31-2	2950	2684	2784	2806	4.80	cps
Potassium	39-2	596180	583148	580926	586752	1.40	cps
Rhodium	103-1	10377012	10411119	10480629	10422920	0.51	cps
Rhodium	103-2	2942878	2896786	2955069	2931578	1.05	cps
Scandium	45-1	8153270	8064450	8111799	8109840	0.55	cps
Scandium	45-2	64631	63553	62904	63696	1.37	cps
Selenium	77-2	353	347	377	359	4.39	cps
Selenium	78-2	193	207	206	202	4.00	cps
Selenium	82-1	602	680	544	609	11.21	cps
Silicon	28-1	32897275	32640018	26632283	30723192	11.54	cps
Silver	109-1	4117	4159	3776	4017	5.24	cps
Silver	107-1	5051	5435	4901	5129	5.36	cps
Sodium	23-2	212055	195327	197181	201521	4.55	cps
Strontium	86-1	2069974	1999476	2005943	2025131	1.92	cps
Strontium	88-1	17000794	17073260	17000884	17024979	0.25	cps
Sulfur	34-1	919502	928997	924519	924339	0.51	cps
Terbium	159-1	13658148	13588924	13583516	13610196	0.31	cps
Terbium	159-2	3130296	3120881	3177850	3143009	0.97	cps
Thallium	203-1	10922	10805	10888	10872	0.55	cps
Thallium	205-1	26128	26345	26462	26312	0.64	cps
Tin	118-1	6369	6185	6552	6369	2.88	cps
Titanium	47-1	1463920	1460588	1508652	1477720	1.82	cps
Uranium	238-1	162629	162262	164359	163083	0.69	cps
Vanadium	51-2	170672	169889	169828	170130	0.28	cps
Yttrium	89-1	16138120	16207540	16054809	16133490	0.47	cps
Yttrium	89-2	513696	505652	504197	507848	1.01	cps
Zinc	66-2	103267	103103	103223	103198	0.08	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:23:25	DataFile Name :	030SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1892172	1839997	1845421	1859197	1.54	cps
Zirconium	91-1	390383	397983	401064	396477	1.39	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:26:41	DataFile Name :	031SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213725	211505	213406	212879	0.56	cps
Antimony	121-1	2192	2700	3267	2720	19.78	cps
Arsenic	75-2	726	800	765	764	4.85	cps
Barium	135-1	800678	798846	806585	802037	0.50	cps
Barium	137-1	1402309	1398635	1384187	1395044	0.69	cps
Beryllium	9-1	3923	4145	3945	4004	3.06	cps
Bismuth	209-1	7205491	7413248	7313124	7310621	1.42	cps
Bismuth	209-2	2367392	2378832	2361857	2369360	0.37	cps
Boron	10-1	5118	5009	4993	5040	1.35	cps
Boron	11-1	24047	23119	23446	23537	2.00	cps
Cadmium	111-1	2886	2588	2714	2729	5.48	cps
Cadmium	106-1	3584	3184	3434	3401	5.94	cps
Cadmium	108-1	271	267	283	274	3.17	cps
Calcium	43-1	2445207	2479657	2499587	2474817	1.11	cps
Calcium	44-1	39851158	39589854	39979825	39806946	0.50	cps
Chromium	52-2	49290	49889	49206	49462	0.75	cps
Cobalt	59-2	64241	64003	63661	63968	0.46	cps
Copper	63-2	135759	135176	135604	135513	0.22	cps
Dysprosium	156-1	126980	126356	127056	126797	0.30	cps
Dysprosium	156-2	31261	31224	31578	31354	0.62	cps
Erbium	164-1	92564	90203	91799	91522	1.32	cps
Erbium	164-2	20844	20934	21017	20932	0.41	cps
Gadolinium	160-1	117510	116182	120411	118034	1.83	cps
Gadolinium	160-2	38594	37281	37561	37812	1.83	cps
Holmium	165-1	12568382	12929726	12723047	12740385	1.42	cps
Holmium	165-2	3177595	3181470	3180490	3179852	0.06	cps
Indium	115-1	11139536	11206844	11150330	11165570	0.32	cps
Indium	115-2	511810	506821	506299	508310	0.60	cps
Iron	56-2	32481645	31854249	32085667	32140521	0.99	cps
Iron	57-2	797565	797365	802288	799073	0.35	cps
Krypton	83-1	660	583	580	608	7.45	cps
Lead	206-1	169489	166655	167998	168047	0.84	cps
Lead	207-1	135831	135462	136775	136023	0.50	cps
Lead	208-1	646005	650297	650064	648788	0.37	cps
Lithium	6-1	2009431	2046461	2040649	2032181	0.98	cps
Magnesium	24-2	1439737	1455656	1467338	1454243	0.95	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:26:41	DataFile Name :	031SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	932603	930116	937367	933362	0.39	cps
Molybdenum	94-1	89167	89410	90921	89833	1.06	cps
Molybdenum	95-1	2584	3134	3651	3123	17.09	cps
Molybdenum	96-1	18522	18005	18321	18283	1.43	cps
Molybdenum	97-1	1800	2009	2092	1967	7.64	cps
Molybdenum	98-1	4793	5043	5418	5085	6.19	cps
Neodymium	150-1	217812	218328	213452	216531	1.24	cps
Neodymium	150-2	33089	33135	33222	33149	0.20	cps
Nickel	60-2	52191	52211	52258	52220	0.07	cps
Phosphorus	31-2	1350	1333	1308	1331	1.58	cps
Potassium	39-2	189926	193076	189105	190702	1.10	cps
Rhodium	103-1	10405695	10674232	10474615	10518181	1.33	cps
Rhodium	103-2	2942471	2933926	2933390	2936595	0.17	cps
Scandium	45-1	7476913	7523562	7444400	7481625	0.53	cps
Scandium	45-2	58669	59204	58789	58887	0.48	cps
Selenium	77-2	117	130	183	143	24.61	cps
Selenium	78-2	85	80	70	78	9.55	cps
Selenium	82-1	136	223	173	177	24.48	cps
Silicon	28-1	15662452	12968584	10094664	12908567	21.57	cps
Silver	109-1	833	1092	1108	1011	15.25	cps
Silver	107-1	1350	1300	1250	1300	3.85	cps
Sodium	23-2	100974	96769	98899	98881	2.13	cps
Strontium	86-1	390579	393437	397403	393807	0.87	cps
Strontium	88-1	3412734	3461380	3443576	3439230	0.72	cps
Sulfur	34-1	485683	486790	486607	486360	0.12	cps
Terbium	159-1	13268026	13474994	13248179	13330400	0.94	cps
Terbium	159-2	3104474	3056464	3067835	3076257	0.82	cps
Thallium	203-1	4109	4418	4159	4229	3.91	cps
Thallium	205-1	9487	9888	9479	9618	2.43	cps
Tin	118-1	3176	3492	3784	3484	8.74	cps
Titanium	47-1	616285	646619	642628	635177	2.59	cps
Uranium	238-1	86963	84638	87298	86300	1.68	cps
Vanadium	51-2	39683	39934	40054	39890	0.47	cps
Yttrium	89-1	13694706	13730770	13597912	13674463	0.50	cps
Yttrium	89-2	429458	428374	427903	428578	0.19	cps
Zinc	66-2	19748	19420	19400	19523	1.00	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:26:41	DataFile Name :	031SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	243920	245341	244656	244639	0.29	cps
Zirconium	91-1	54118	53565	59208	55630	5.59	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:29:58	DataFile Name :	032SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	681666	693596	692115	689126	0.94	cps
Antimony	121-1	2084	2534	3167	2595	20.98	cps
Arsenic	75-2	3904	3921	3975	3933	0.94	cps
Barium	135-1	2280246	2279585	2313869	2291233	0.86	cps
Barium	137-1	3915086	3931846	3975032	3940655	0.78	cps
Beryllium	9-1	8792	8753	8920	8821	0.99	cps
Bismuth	209-1	7113089	7097322	7177277	7129229	0.59	cps
Bismuth	209-2	2314220	2327083	2397172	2346158	1.90	cps
Boron	10-1	10388	11430	11805	11208	6.55	cps
Boron	11-1	50390	51025	53536	51650	3.22	cps
Cadmium	111-1	5319	4867	4921	5036	4.91	cps
Cadmium	106-1	5601	5235	5051	5296	5.29	cps
Cadmium	108-1	800	842	729	790	7.20	cps
Calcium	43-1	6749214	6842814	6770939	6787656	0.72	cps
Calcium	44-1	109240261	109308102	110920102	109822822	0.87	cps
Chromium	52-2	162228	163489	166834	164184	1.45	cps
Cobalt	59-2	195849	201187	201866	199634	1.65	cps
Copper	63-2	423399	433875	432530	429935	1.33	cps
Dysprosium	156-1	244913	241879	243475	243422	0.62	cps
Dysprosium	156-2	64331	67248	66645	66075	2.33	cps
Erbium	164-1	210699	213250	211507	211819	0.62	cps
Erbium	164-2	48473	50143	49534	49383	1.71	cps
Gadolinium	160-1	246566	246579	247297	246814	0.17	cps
Gadolinium	160-2	79339	80463	80295	80032	0.76	cps
Holmium	165-1	12812115	12614449	12715630	12714065	0.78	cps
Holmium	165-2	3222792	3212518	3233494	3222935	0.33	cps
Indium	115-1	10878384	10928247	11069446	10958693	0.90	cps
Indium	115-2	501040	515342	521123	512502	2.02	cps
Iron	56-2	122815733	124797144	125820892	124477923	1.23	cps
Iron	57-2	3126164	3192633	3201273	3173357	1.30	cps
Krypton	83-1	847	740	833	807	7.21	cps
Lead	206-1	516366	522528	522174	520356	0.66	cps
Lead	207-1	431312	429901	430221	430478	0.17	cps
Lead	208-1	2008767	2021633	2016058	2015486	0.32	cps
Lithium	6-1	2033103	2000690	2054614	2029469	1.34	cps
Magnesium	24-2	3790995	3911701	3884505	3862400	1.64	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:29:58	DataFile Name :	032SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1574124	1604646	1616241	1598337	1.36	cps
Molybdenum	94-1	337096	343134	347259	342496	1.49	cps
Molybdenum	95-1	12490	12773	12948	12737	1.82	cps
Molybdenum	96-1	71782	71272	71718	71591	0.39	cps
Molybdenum	97-1	7944	8145	8278	8122	2.07	cps
Molybdenum	98-1	20007	20341	21209	20519	3.02	cps
Neodymium	150-1	352370	354341	355720	354144	0.48	cps
Neodymium	150-2	53967	55500	55691	55053	1.72	cps
Nickel	60-2	135805	139511	140833	138716	1.88	cps
Phosphorus	31-2	3342	3434	3417	3398	1.44	cps
Potassium	39-2	504981	516481	517333	512932	1.34	cps
Rhodium	103-1	10141349	10134977	10162110	10146145	0.14	cps
Rhodium	103-2	2896293	2943168	2978913	2939458	1.41	cps
Scandium	45-1	7708834	7752869	7838787	7766830	0.85	cps
Scandium	45-2	61916	63319	63208	62814	1.24	cps
Selenium	77-2	330	290	310	310	6.45	cps
Selenium	78-2	172	174	154	167	6.76	cps
Selenium	82-1	368	475	503	449	15.82	cps
Silicon	28-1	34691726	24551140	23544531	27595799	22.34	cps
Silver	109-1	3276	3434	3151	3287	4.32	cps
Silver	107-1	4009	3951	4184	4048	3.00	cps
Sodium	23-2	215762	224691	225816	222090	2.48	cps
Strontium	86-1	2046263	2056460	2043614	2048779	0.33	cps
Strontium	88-1	17434504	17475584	17655773	17521954	0.67	cps
Sulfur	34-1	975675	956122	967785	966527	1.02	cps
Terbium	159-1	13205014	13179307	13483639	13289320	1.27	cps
Terbium	159-2	3090490	3123393	3225194	3146359	2.23	cps
Thallium	203-1	10713	10947	10730	10797	1.21	cps
Thallium	205-1	25877	26053	25610	25847	0.86	cps
Tin	118-1	7644	7386	8019	7683	4.15	cps
Titanium	47-1	1966892	2053591	1986488	2002324	2.27	cps
Uranium	238-1	214311	208487	211177	211325	1.38	cps
Vanadium	51-2	141183	141681	142984	141950	0.66	cps
Yttrium	89-1	15498908	15528097	15492786	15506597	0.12	cps
Yttrium	89-2	487682	500767	507152	498534	1.99	cps
Zinc	66-2	78162	78715	79452	78776	0.82	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:29:58	DataFile Name :	032SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	920046	930256	929866	926723	0.62	cps
Zirconium	91-1	205098	207105	206617	206274	0.51	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:33:13	DataFile Name :	033SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847714	844082	847997	846598	0.26	cps
Antimony	121-1	1767	1917	2234	1972	12.08	cps
Arsenic	75-2	2902	3080	2963	2982	3.03	cps
Barium	135-1	2890920	2920289	2890920	2900710	0.58	cps
Barium	137-1	4962332	4943670	4945281	4950428	0.21	cps
Beryllium	9-1	14002	13879	13256	13712	2.91	cps
Bismuth	209-1	7306876	7238917	7199767	7248520	0.75	cps
Bismuth	209-2	2399554	2361986	2367746	2376429	0.85	cps
Boron	10-1	11989	12598	12898	12495	3.71	cps
Boron	11-1	58387	59868	61842	60032	2.89	cps
Cadmium	111-1	4156	4157	3939	4084	3.07	cps
Cadmium	106-1	5318	4960	4809	5029	5.20	cps
Cadmium	108-1	804	688	783	758	8.21	cps
Calcium	43-1	4471860	4472079	4546339	4496759	0.95	cps
Calcium	44-1	71800460	71933400	72777470	72170443	0.73	cps
Chromium	52-2	194913	197259	197451	196541	0.72	cps
Cobalt	59-2	216272	216912	219137	217440	0.69	cps
Copper	63-2	313153	312215	314036	313135	0.29	cps
Dysprosium	156-1	265646	271392	271656	269565	1.26	cps
Dysprosium	156-2	68408	69225	69175	68936	0.66	cps
Erbium	164-1	208801	211718	213145	211221	1.05	cps
Erbium	164-2	48781	49106	47640	48509	1.59	cps
Gadolinium	160-1	253890	259701	259240	257610	1.25	cps
Gadolinium	160-2	82257	82630	83270	82719	0.62	cps
Holmium	165-1	12955325	12988108	13006992	12983475	0.20	cps
Holmium	165-2	3254932	3260520	3246393	3253948	0.22	cps
Indium	115-1	11126669	11273577	11129346	11176531	0.75	cps
Indium	115-2	516754	518034	513425	516071	0.46	cps
Iron	56-2	117030153	117378908	118456480	117621847	0.63	cps
Iron	57-2	2976549	2981540	2986561	2981550	0.17	cps
Krypton	83-1	643	797	810	750	12.35	cps
Lead	206-1	663056	675032	675613	671234	1.06	cps
Lead	207-1	552317	559319	555404	555680	0.63	cps
Lead	208-1	2594097	2615903	2616688	2608896	0.49	cps
Lithium	6-1	2065216	2087002	2058527	2070248	0.72	cps
Magnesium	24-2	3581712	3588050	3606064	3591942	0.35	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:33:13	DataFile Name :	033SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1415715	1450847	1412844	1426469	1.48	cps
Molybdenum	94-1	320307	326580	327227	324704	1.18	cps
Molybdenum	95-1	7769	7919	8703	8131	6.17	cps
Molybdenum	96-1	63098	63893	64320	63770	0.97	cps
Molybdenum	97-1	4701	4893	5110	4901	4.17	cps
Molybdenum	98-1	12106	12540	12740	12462	2.60	cps
Neodymium	150-1	430912	435012	436941	434289	0.71	cps
Neodymium	150-2	65911	67114	67060	66695	1.02	cps
Nickel	60-2	148741	151487	149031	149753	1.01	cps
Phosphorus	31-2	2525	2300	2417	2414	4.66	cps
Potassium	39-2	871907	866910	873317	870712	0.39	cps
Rhodium	103-1	10446290	10462174	10459942	10456135	0.08	cps
Rhodium	103-2	3024308	2978881	2933014	2978735	1.53	cps
Scandium	45-1	8080315	8125285	8140880	8115493	0.39	cps
Scandium	45-2	65201	63901	64393	64498	1.02	cps
Selenium	77-2	383	403	330	372	10.18	cps
Selenium	78-2	198	181	156	178	12.03	cps
Selenium	82-1	534	355	386	425	22.52	cps
Silicon	28-1	29523419	26397560	30045107	28655362	6.88	cps
Silver	109-1	2375	2309	2384	2356	1.75	cps
Silver	107-1	2784	2950	2817	2850	3.09	cps
Sodium	23-2	210741	220357	210878	213992	2.58	cps
Strontium	86-1	1388404	1395583	1395627	1393205	0.30	cps
Strontium	88-1	11874640	11984206	11991441	11950096	0.55	cps
Sulfur	34-1	739600	735561	737014	737392	0.28	cps
Terbium	159-1	13372242	13721986	13483276	13525835	1.32	cps
Terbium	159-2	3164678	3163955	3167746	3165460	0.06	cps
Thallium	203-1	16912	16528	16545	16662	1.30	cps
Thallium	205-1	37958	40231	39797	39329	3.07	cps
Tin	118-1	7353	8395	7878	7875	6.62	cps
Titanium	47-1	2368090	2470168	2467001	2435086	2.38	cps
Uranium	238-1	190118	193502	195959	193193	1.52	cps
Vanadium	51-2	175558	176820	176409	176263	0.37	cps
Yttrium	89-1	15557039	15611934	15570065	15579679	0.18	cps
Yttrium	89-2	496058	499499	496359	497305	0.38	cps
Zinc	66-2	72300	72485	72639	72475	0.23	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:33:13	DataFile Name :	033SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	892124	889141	903139	894801	0.82	cps
Zirconium	91-1	196899	196248	198424	197190	0.57	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:36:27	DataFile Name :	034SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294564	289204	287264	290344	1.30	cps
Antimony	121-1	1383	1567	1709	1553	10.49	cps
Arsenic	75-2	1137	1050	1004	1064	6.37	cps
Barium	135-1	2926339	2977210	2915593	2939714	1.12	cps
Barium	137-1	5002459	5013985	5023565	5013336	0.21	cps
Beryllium	9-1	4679	4940	4862	4827	2.78	cps
Bismuth	209-1	7183786	7262371	7355427	7267195	1.18	cps
Bismuth	209-2	2401119	2385224	2427076	2404473	0.88	cps
Boron	10-1	5184	5001	5335	5173	3.23	cps
Boron	11-1	24188	24564	24063	24272	1.07	cps
Cadmium	111-1	2877	2854	3029	2920	3.25	cps
Cadmium	106-1	3434	3376	3692	3501	4.82	cps
Cadmium	108-1	300	263	300	288	7.53	cps
Calcium	43-1	3441569	3459831	3429493	3443631	0.44	cps
Calcium	44-1	55687603	56226828	55505126	55806519	0.67	cps
Chromium	52-2	78187	77420	76843	77483	0.87	cps
Cobalt	59-2	87348	86329	87412	87030	0.70	cps
Copper	63-2	169002	169739	167661	168801	0.62	cps
Dysprosium	156-1	134539	132744	135582	134288	1.07	cps
Dysprosium	156-2	34495	34746	34706	34649	0.39	cps
Erbium	164-1	106811	107359	107558	107243	0.36	cps
Erbium	164-2	25358	25438	25432	25409	0.17	cps
Gadolinium	160-1	126552	126678	127166	126799	0.26	cps
Gadolinium	160-2	40907	41168	41322	41132	0.51	cps
Holmium	165-1	12369723	12787385	12864797	12673969	2.10	cps
Holmium	165-2	3247305	3253310	3269870	3256828	0.36	cps
Indium	115-1	11132113	11205047	11354523	11230561	1.01	cps
Indium	115-2	525258	528369	529395	527674	0.41	cps
Iron	56-2	46123689	45232325	45488884	45614966	1.01	cps
Iron	57-2	1155539	1140895	1131683	1142706	1.05	cps
Krypton	83-1	630	630	650	637	1.81	cps
Lead	206-1	202276	200127	200263	200889	0.60	cps
Lead	207-1	162777	161797	165004	163193	1.01	cps
Lead	208-1	769302	774833	772685	772273	0.36	cps
Lithium	6-1	2052108	2069628	2077385	2066373	0.63	cps
Magnesium	24-2	2157818	2129201	2144578	2143865	0.67	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:36:27	DataFile Name :	034SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1101734	1092702	1092525	1095654	0.48	cps
Molybdenum	94-1	112817	114093	111086	112665	1.34	cps
Molybdenum	95-1	2875	3284	3251	3137	7.23	cps
Molybdenum	96-1	23087	22828	22069	22662	2.34	cps
Molybdenum	97-1	1717	2242	2067	2009	13.31	cps
Molybdenum	98-1	4851	5185	5276	5104	4.38	cps
Neodymium	150-1	219208	218909	221412	219843	0.62	cps
Neodymium	150-2	33961	34352	33890	34068	0.73	cps
Nickel	60-2	68139	68447	68243	68276	0.23	cps
Phosphorus	31-2	2075	2117	1875	2022	6.39	cps
Potassium	39-2	261890	260814	257531	260079	0.87	cps
Rhodium	103-1	10519876	10638250	10521541	10559889	0.64	cps
Rhodium	103-2	3034226	3014327	3061448	3036667	0.78	cps
Scandium	45-1	7633062	7723012	7708303	7688126	0.63	cps
Scandium	45-2	62913	61879	61605	62132	1.11	cps
Selenium	77-2	180	143	200	174	16.47	cps
Selenium	78-2	91	104	94	96	6.94	cps
Selenium	82-1	222	201	241	221	9.15	cps
Silicon	28-1	17122927	9595575	11287542	12668681	31.17	cps
Silver	109-1	1192	1075	1275	1181	8.51	cps
Silver	107-1	1392	1475	1350	1406	4.53	cps
Sodium	23-2	106546	105224	105297	105689	0.70	cps
Strontium	86-1	622249	631898	636659	630269	1.16	cps
Strontium	88-1	5424463	5439395	5449260	5437706	0.23	cps
Sulfur	34-1	509398	510075	510315	509929	0.09	cps
Terbium	159-1	13107198	13211887	13395714	13238266	1.10	cps
Terbium	159-2	3129696	3171270	3188944	3163303	0.96	cps
Thallium	203-1	5151	5210	4935	5098	2.84	cps
Thallium	205-1	11230	11664	12490	11795	5.42	cps
Tin	118-1	4151	4351	4293	4265	2.41	cps
Titanium	47-1	1061724	1052528	1037476	1050576	1.17	cps
Uranium	238-1	90688	93905	92502	92365	1.75	cps
Vanadium	51-2	65398	64669	64491	64853	0.74	cps
Yttrium	89-1	19750097	14105039	14239584	16031573	20.09	cps
Yttrium	89-2	454810	454307	454704	454607	0.06	cps
Zinc	66-2	27861	27544	27160	27522	1.28	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:36:27	DataFile Name :	034SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	307233	305650	307872	306918	0.37	cps
Zirconium	91-1	68892	69015	68565	68824	0.34	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:39:44	DataFile Name :	035SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	530006	520353	527432	525931	0.95	cps
Antimony	121-1	1834	1700	1917	1817	6.02	cps
Arsenic	75-2	3147	2961	3034	3047	3.06	cps
Barium	135-1	2656122	2675250	2689660	2673677	0.63	cps
Barium	137-1	4513085	4576999	4626629	4572238	1.24	cps
Beryllium	9-1	8119	8230	8236	8195	0.80	cps
Bismuth	209-1	7040013	6906499	6984204	6976905	0.96	cps
Bismuth	209-2	2350119	2344474	2346555	2347049	0.12	cps
Boron	10-1	8903	9570	9662	9379	4.42	cps
Boron	11-1	42096	45342	45022	44153	4.05	cps
Cadmium	111-1	4128	4338	4202	4223	2.53	cps
Cadmium	106-1	4568	4676	4618	4620	1.17	cps
Cadmium	108-1	713	633	633	660	6.93	cps
Calcium	43-1	5768905	5845322	5862893	5825707	0.86	cps
Calcium	44-1	93454027	94420790	94597458	94157425	0.65	cps
Chromium	52-2	128349	126123	127588	127353	0.89	cps
Cobalt	59-2	160856	159572	159578	160002	0.46	cps
Copper	63-2	379027	379524	376956	378502	0.36	cps
Dysprosium	156-1	225457	229172	227540	227390	0.82	cps
Dysprosium	156-2	59558	59806	61189	60184	1.46	cps
Erbium	164-1	190884	192321	193116	192107	0.59	cps
Erbium	164-2	45459	44402	44907	44923	1.18	cps
Gadolinium	160-1	220575	224164	224939	223226	1.04	cps
Gadolinium	160-2	72004	72641	72681	72442	0.52	cps
Holmium	165-1	12653311	12539358	12590422	12594364	0.45	cps
Holmium	165-2	3229472	3211786	3209758	3217005	0.34	cps
Indium	115-1	10954719	10790114	10914243	10886359	0.79	cps
Indium	115-2	520821	510195	517545	516187	1.05	cps
Iron	56-2	91587733	89419891	90792294	90599972	1.21	cps
Iron	57-2	2329407	2330983	2351608	2337333	0.53	cps
Krypton	83-1	750	677	693	707	5.44	cps
Lead	206-1	411558	410622	417430	413203	0.89	cps
Lead	207-1	337621	334929	335556	336036	0.42	cps
Lead	208-1	1586033	1590849	1599463	1592115	0.43	cps
Lithium	6-1	2021069	1995696	1989270	2002012	0.84	cps
Magnesium	24-2	3379966	3383326	3383374	3382222	0.06	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:39:44	DataFile Name :	035SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1328201	1307762	1317965	1317976	0.78	cps
Molybdenum	94-1	250137	256292	257888	254772	1.61	cps
Molybdenum	95-1	9937	10054	9987	9993	0.59	cps
Molybdenum	96-1	52988	54076	53624	53562	1.02	cps
Molybdenum	97-1	6227	6452	6360	6346	1.78	cps
Molybdenum	98-1	15943	15818	16094	15952	0.86	cps
Neodymium	150-1	339639	344321	346132	343364	0.98	cps
Neodymium	150-2	54057	52819	54037	53638	1.32	cps
Nickel	60-2	118200	117440	118758	118132	0.56	cps
Phosphorus	31-2	3617	3459	3426	3501	2.93	cps
Potassium	39-2	473540	469162	472603	471768	0.49	cps
Rhodium	103-1	10255131	10119840	10145383	10173451	0.71	cps
Rhodium	103-2	2974936	2918294	2978431	2957220	1.14	cps
Scandium	45-1	7794457	7729245	7664572	7729425	0.84	cps
Scandium	45-2	63911	61872	62498	62760	1.66	cps
Selenium	77-2	267	360	247	291	20.78	cps
Selenium	78-2	163	137	135	145	10.71	cps
Selenium	82-1	467	453	482	467	3.10	cps
Silicon	28-1	14829538	16892827	19361785	17028050	13.33	cps
Silver	109-1	2342	2525	2567	2478	4.83	cps
Silver	107-1	2717	2692	2742	2717	0.92	cps
Sodium	23-2	181984	177289	179407	179560	1.31	cps
Strontium	86-1	1588041	1604673	1586899	1593204	0.62	cps
Strontium	88-1	13546970	13516591	13630217	13564593	0.43	cps
Sulfur	34-1	932040	937538	941089	936889	0.49	cps
Terbium	159-1	13266451	12952691	13070267	13096470	1.21	cps
Terbium	159-2	3125916	3106930	3148160	3127002	0.66	cps
Thallium	203-1	10421	9863	10104	10129	2.77	cps
Thallium	205-1	23080	24224	23698	23667	2.42	cps
Tin	118-1	5968	5902	5985	5952	0.74	cps
Titanium	47-1	1768503	1815138	1816087	1799909	1.51	cps
Uranium	238-1	268111	270328	273446	270628	0.99	cps
Vanadium	51-2	117817	118405	118307	118176	0.27	cps
Yttrium	89-1	15391528	14990144	15157649	15179774	1.33	cps
Yttrium	89-2	495663	488638	494863	493054	0.78	cps
Zinc	66-2	58332	57221	58848	58134	1.43	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:39:44	DataFile Name :	035SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	700848	715252	704860	706987	1.05	cps
Zirconium	91-1	153971	154731	157248	155317	1.10	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:42:59	DataFile Name :	036CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425006	427631	427567	426735	0.35	cps
Antimony	121-1	4771459	4672199	4668274	4703977	1.24	cps
Arsenic	75-2	61161	60569	60483	60738	0.61	cps
Barium	135-1	4977412	4929937	4804424	4903924	1.82	cps
Barium	137-1	8578652	8465335	8255914	8433300	1.94	cps
Beryllium	9-1	776928	773451	776228	775536	0.24	cps
Bismuth	209-1	6908831	6785109	6796974	6830305	1.00	cps
Bismuth	209-2	2307201	2283134	2307407	2299247	0.61	cps
Boron	10-1	87985	89545	89671	89067	1.05	cps
Boron	11-1	404596	417680	422063	414780	2.19	cps
Cadmium	111-1	1046987	1037268	1031251	1038502	0.76	cps
Cadmium	106-1	112761	110678	110451	111297	1.14	cps
Cadmium	108-1	75975	74442	74245	74887	1.26	cps
Calcium	43-1	6464855	6531742	6542857	6513151	0.65	cps
Calcium	44-1	105040294	105586438	105327152	105317961	0.26	cps
Chromium	52-2	566071	561283	566952	564769	0.54	cps
Cobalt	59-2	1125585	1121680	1119167	1122144	0.29	cps
Copper	63-2	1929154	1939293	1925962	1931470	0.36	cps
Dysprosium	156-1	108	142	100	117	18.89	cps
Dysprosium	156-2	10	20	17	16	32.73	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	3	7	27	12	103.26	cps
Gadolinium	160-1	117	217	142	158	32.87	cps
Gadolinium	160-2	40	23	20	28	38.58	cps
Holmium	165-1	12754882	12478411	12326623	12519972	1.73	cps
Holmium	165-2	3310031	3237212	3237685	3261642	1.28	cps
Indium	115-1	11299619	11083977	11117634	11167076	1.04	cps
Indium	115-2	543779	540187	537223	540396	0.61	cps
Iron	56-2	91489435	91189733	90596824	91091997	0.50	cps
Iron	57-2	2315066	2337988	2342774	2331943	0.64	cps
Krypton	83-1	490	463	520	491	5.77	cps
Lead	206-1	2480052	2448024	2431306	2453127	1.01	cps
Lead	207-1	2309799	2260265	2241731	2270598	1.55	cps
Lead	208-1	10212386	9984238	10004549	10067058	1.25	cps
Lithium	6-1	2107240	2114542	2141853	2121211	0.86	cps
Magnesium	24-2	10126246	10113959	10058518	10099574	0.36	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:42:59	DataFile Name :	036CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	309919	312395	308947	310421	0.57	cps
Molybdenum	94-1	8952496	8862166	8803136	8872599	0.85	cps
Molybdenum	95-1	10840991	10915893	10626848	10794577	1.39	cps
Molybdenum	96-1	12116053	12242136	12017286	12125158	0.93	cps
Molybdenum	97-1	6880919	6826332	6747009	6818087	0.99	cps
Molybdenum	98-1	17697589	17528994	17010593	17412392	2.06	cps
Neodymium	150-1	267	220	280	256	12.33	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	333357	333626	330260	332414	0.56	cps
Phosphorus	31-2	5876	5993	6102	5990	1.88	cps
Potassium	39-2	2915442	2902934	2922550	2913642	0.34	cps
Rhodium	103-1	10661666	10511576	10281022	10484755	1.83	cps
Rhodium	103-2	3076629	3060729	3060365	3065908	0.30	cps
Scandium	45-1	7890176	7912999	7917621	7906932	0.19	cps
Scandium	45-2	65522	65900	66962	66128	1.13	cps
Selenium	77-2	423	447	470	447	5.22	cps
Selenium	78-2	1567	1519	1452	1512	3.81	cps
Selenium	82-1	70256	69805	69777	69946	0.38	cps
Silicon	28-1	2951646	3028982	3059466	3013365	1.84	cps
Silver	109-1	5124679	5063634	5082768	5090360	0.61	cps
Silver	107-1	5423954	5360374	5382531	5388953	0.60	cps
Sodium	23-2	23605243	23428211	23418289	23483914	0.45	cps
Strontium	86-1	1495973	1485834	1479993	1487267	0.54	cps
Strontium	88-1	12717929	12573933	12592020	12627961	0.62	cps
Sulfur	34-1	897501	903342	910023	903622	0.69	cps
Terbium	159-1	13122805	13098486	12753147	12991479	1.59	cps
Terbium	159-2	3204773	3176505	3166123	3182467	0.63	cps
Thallium	203-1	3132934	3060130	3031817	3074960	1.70	cps
Thallium	205-1	7385648	7194816	7109492	7229986	1.96	cps
Tin	118-1	3454814	3363505	3330099	3382806	1.91	cps
Titanium	47-1	3279068	3307742	3307826	3298212	0.50	cps
Uranium	238-1	9239471	9036031	8972835	9082779	1.53	cps
Vanadium	51-2	405890	406605	406677	406391	0.11	cps
Yttrium	89-1	12995519	12842530	12518583	12785544	1.90	cps
Yttrium	89-2	426815	429399	427040	427751	0.33	cps
Zinc	66-2	168846	168439	167990	168425	0.25	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:42:59	DataFile Name :	036CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7692322	7616669	7519361	7609451	1.14	cps
Zirconium	91-1	1720012	1691860	1667439	1693104	1.55	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:46:08	DataFile Name :	037CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	17	36	58.08	cps
Antimony	121-1	16428	16861	18063	17117	4.95	cps
Arsenic	75-2	39	22	24	28	32.18	cps
Barium	135-1	350	325	200	292	27.55	cps
Barium	137-1	700	392	383	492	36.71	cps
Beryllium	9-1	178	172	156	169	6.86	cps
Bismuth	209-1	6827758	7038859	6849487	6905368	1.68	cps
Bismuth	209-2	2312864	2385771	2363113	2353916	1.59	cps
Boron	10-1	3667	3284	2692	3214	15.29	cps
Boron	11-1	15601	14533	12648	14261	10.48	cps
Cadmium	111-1	1874	2044	1954	1957	4.34	cps
Cadmium	106-1	2534	2775	2667	2659	4.55	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Calcium	43-1	1450	1392	1300	1381	5.48	cps
Calcium	44-1	46453	45893	44196	45514	2.58	cps
Chromium	52-2	770	880	927	859	9.37	cps
Cobalt	59-2	70	30	50	50	40.00	cps
Copper	63-2	1453	1527	1393	1458	4.58	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	92	67	81	15.80	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	11878610	11992261	11964498	11945123	0.50	cps
Holmium	165-2	3086199	3166352	3141850	3131467	1.31	cps
Indium	115-1	11077137	11198316	11105983	11127146	0.57	cps
Indium	115-2	525292	543178	541366	536612	1.83	cps
Iron	56-2	7197	6902	6763	6954	3.18	cps
Iron	57-2	167	183	183	178	5.41	cps
Krypton	83-1	567	447	487	500	12.22	cps
Lead	206-1	494	406	411	437	11.39	cps
Lead	207-1	444	378	344	389	13.09	cps
Lead	208-1	2039	1828	1789	1885	7.14	cps
Lithium	6-1	2088536	2108455	2083894	2093628	0.62	cps
Magnesium	24-2	550	467	358	458	20.97	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:46:08	DataFile Name :	037CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	57	53	62	20.29	cps
Molybdenum	94-1	4726	5351	5543	5207	8.21	cps
Molybdenum	95-1	6327	7161	8770	7419	16.74	cps
Molybdenum	96-1	7386	7894	8962	8081	9.95	cps
Molybdenum	97-1	4484	4693	4859	4679	4.02	cps
Molybdenum	98-1	10363	11831	13148	11781	11.83	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	97	103	93	98	5.21	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3751	3851	3692	3765	2.13	cps
Rhodium	103-1	10771308	10760311	10765051	10765557	0.05	cps
Rhodium	103-2	3084402	3117693	3179095	3127063	1.54	cps
Scandium	45-1	7587974	7671775	7653380	7637710	0.58	cps
Scandium	45-2	60346	63536	62117	62000	2.58	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-54	50	0	-2	-3151.16	cps
Silicon	28-1	514621	505810	505705	508712	1.01	cps
Silver	109-1	583	608	392	528	22.46	cps
Silver	107-1	692	550	525	589	15.26	cps
Sodium	23-2	12289	12247	11280	11939	4.78	cps
Strontium	86-1	875	675	858	803	13.82	cps
Strontium	88-1	867	917	817	867	5.77	cps
Sulfur	34-1	496587	495443	496175	496068	0.12	cps
Terbium	159-1	12472298	12751297	12423846	12549147	1.41	cps
Terbium	159-2	3025072	3105963	3073460	3068165	1.33	cps
Thallium	203-1	1033	1008	825	956	11.91	cps
Thallium	205-1	2175	2142	1934	2084	6.29	cps
Tin	118-1	2759	3167	2984	2970	6.89	cps
Titanium	47-1	500	500	458	486	4.95	cps
Uranium	238-1	558	525	375	486	20.09	cps
Vanadium	51-2	23	33	23	27	21.65	cps
Yttrium	89-1	12308466	12500129	12480812	12429803	0.85	cps
Yttrium	89-2	401719	414749	411851	409440	1.67	cps
Zinc	66-2	47	30	30	36	27.07	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:46:08	DataFile Name :	037CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2600	2675	2859	2712	4.90	cps
Zirconium	91-1	567	625	642	611	6.44	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:49:28	DataFile Name :	038SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1116117	1105605	1120638	1114120	0.69	cps
Antimony	121-1	6727	8278	9012	8006	14.57	cps
Arsenic	75-2	5220	5214	5132	5189	0.94	cps
Barium	135-1	2893704	2944403	2929122	2922409	0.89	cps
Barium	137-1	4863731	5042855	5063107	4989898	2.20	cps
Beryllium	9-1	12928	12372	12456	12585	2.38	cps
Bismuth	209-1	6550638	6578007	6794237	6640961	2.01	cps
Bismuth	209-2	2317074	2290059	2299773	2302302	0.59	cps
Boron	10-1	15401	15384	16151	15645	2.80	cps
Boron	11-1	70533	71328	71153	71004	0.59	cps
Cadmium	111-1	6254	6480	5872	6202	4.95	cps
Cadmium	106-1	7286	7972	6952	7403	7.02	cps
Cadmium	108-1	1333	1542	1575	1483	8.83	cps
Calcium	43-1	6345560	6226307	6407795	6326554	1.46	cps
Calcium	44-1	101833117	101788523	103300961	102307534	0.84	cps
Chromium	52-2	239355	238241	239511	239036	0.29	cps
Cobalt	59-2	285852	285387	285743	285661	0.09	cps
Copper	63-2	550237	545462	549361	548353	0.46	cps
Dysprosium	156-1	292918	294870	299581	295790	1.16	cps
Dysprosium	156-2	81321	81887	81713	81641	0.36	cps
Erbium	164-1	236799	246486	248250	243845	2.53	cps
Erbium	164-2	60878	59378	60269	60175	1.25	cps
Gadolinium	160-1	289569	290185	293020	290925	0.63	cps
Gadolinium	160-2	97812	97991	97105	97636	0.48	cps
Holmium	165-1	11713894	12037102	12376773	12042590	2.75	cps
Holmium	165-2	3214264	3191958	3206265	3204163	0.35	cps
Indium	115-1	10401128	10628056	10814054	10614413	1.95	cps
Indium	115-2	516534	512709	514598	514613	0.37	cps
Iron	56-2	200695810	199065099	200149288	199970066	0.42	cps
Iron	57-2	5021720	5056005	5039660	5039128	0.34	cps
Krypton	83-1	777	873	777	809	6.90	cps
Lead	206-1	662647	673013	685647	673769	1.71	cps
Lead	207-1	540877	556233	562745	553285	2.03	cps
Lead	208-1	2575608	2615610	2660749	2617322	1.63	cps
Lithium	6-1	2049927	2040278	2079053	2056419	0.98	cps
Magnesium	24-2	4344969	4345406	4322348	4337574	0.30	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:49:28	DataFile Name :	038SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1966321	1971496	1960771	1966196	0.27	cps
Molybdenum	94-1	645593	629819	651791	642401	1.76	cps
Molybdenum	95-1	16128	16344	16878	16450	2.35	cps
Molybdenum	96-1	124284	124577	126925	125262	1.16	cps
Molybdenum	97-1	9954	10446	10580	10327	3.19	cps
Molybdenum	98-1	24782	25675	27320	25926	4.97	cps
Neodymium	150-1	427025	448536	440961	438841	2.49	cps
Neodymium	150-2	70266	70793	69918	70326	0.63	cps
Nickel	60-2	189724	188247	189598	189190	0.43	cps
Phosphorus	31-2	3342	2917	2934	3064	7.86	cps
Potassium	39-2	668328	654717	666654	663233	1.12	cps
Rhodium	103-1	9812740	9880996	10003773	9899169	0.98	cps
Rhodium	103-2	2922239	2952099	2914820	2929719	0.67	cps
Scandium	45-1	7994793	7964084	8097453	8018777	0.87	cps
Scandium	45-2	65201	64748	65676	65208	0.71	cps
Selenium	77-2	463	437	430	443	3.98	cps
Selenium	78-2	194	237	250	227	12.79	cps
Selenium	82-1	643	597	715	652	9.10	cps
Silicon	28-1	39589073	52540026	47573246	46567448	14.03	cps
Silver	109-1	3934	4368	4343	4215	5.77	cps
Silver	107-1	5143	5193	4743	5026	4.91	cps
Sodium	23-2	242994	243974	238409	241792	1.23	cps
Strontium	86-1	2165258	2201074	2182965	2183099	0.82	cps
Strontium	88-1	18106249	18279193	18482113	18289185	1.03	cps
Sulfur	34-1	984105	975919	985760	981928	0.54	cps
Terbium	159-1	12470392	12584047	12873004	12642481	1.64	cps
Terbium	159-2	3133675	3089044	3089622	3104114	0.82	cps
Thallium	203-1	11572	11889	11289	11584	2.59	cps
Thallium	205-1	27489	27715	28266	27823	1.44	cps
Tin	118-1	8803	8261	8778	8614	3.55	cps
Titanium	47-1	2401481	2508597	2477468	2462515	2.24	cps
Uranium	238-1	172019	173340	177806	174388	1.74	cps
Vanadium	51-2	195541	194700	195001	195080	0.22	cps
Yttrium	89-1	15785233	15851171	16150760	15929054	1.22	cps
Yttrium	89-2	525931	526282	524642	525619	0.16	cps
Zinc	66-2	107976	107462	106663	107367	0.62	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:49:28	DataFile Name :	038SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1783252	1790429	1812509	1795397	0.85	cps
Zirconium	91-1	384935	383465	393829	387409	1.45	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:52:45	DataFile Name :	039SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	671245	661377	666378	666333	0.74	cps
Antimony	121-1	3476	4418	4618	4170	14.62	cps
Arsenic	75-2	3704	3906	3710	3773	3.05	cps
Barium	135-1	1996449	2007652	2014845	2006315	0.46	cps
Barium	137-1	3415246	3509631	3496136	3473671	1.47	cps
Beryllium	9-1	8992	8814	9342	9049	2.97	cps
Bismuth	209-1	6921123	6661329	6956608	6846353	2.35	cps
Bismuth	209-2	2345177	2320317	2358946	2341480	0.84	cps
Boron	10-1	9445	9512	9762	9573	1.74	cps
Boron	11-1	44854	46309	48366	46510	3.79	cps
Cadmium	111-1	4671	4209	5138	4673	9.94	cps
Cadmium	106-1	5093	4526	5660	5093	11.13	cps
Cadmium	108-1	813	775	850	813	4.62	cps
Calcium	43-1	6897052	6874374	6937907	6903111	0.47	cps
Calcium	44-1	111043890	111972228	113287165	112101094	1.01	cps
Chromium	52-2	159092	157097	158229	158139	0.63	cps
Cobalt	59-2	196748	198637	197583	197656	0.48	cps
Copper	63-2	429668	426357	428967	428330	0.41	cps
Dysprosium	156-1	227992	233122	231007	230707	1.12	cps
Dysprosium	156-2	63225	64193	63862	63760	0.77	cps
Erbium	164-1	197066	199426	201955	199482	1.23	cps
Erbium	164-2	46637	47630	47935	47400	1.43	cps
Gadolinium	160-1	230625	230203	232423	231084	0.51	cps
Gadolinium	160-2	76623	75661	76439	76241	0.67	cps
Holmium	165-1	12458768	12038507	12533134	12343470	2.16	cps
Holmium	165-2	3220280	3186382	3249243	3218635	0.98	cps
Indium	115-1	11094078	10596636	11080753	10923823	2.59	cps
Indium	115-2	528128	521204	527103	525478	0.71	cps
Iron	56-2	119153344	117076717	118045078	118091713	0.88	cps
Iron	57-2	2964933	2988594	3028279	2993935	1.07	cps
Krypton	83-1	670	783	767	740	8.27	cps
Lead	206-1	476270	480304	477654	478076	0.43	cps
Lead	207-1	390829	397015	395774	394539	0.83	cps
Lead	208-1	1834252	1860191	1859250	1851231	0.79	cps
Lithium	6-1	2053035	1959856	2068842	2027244	2.91	cps
Magnesium	24-2	3883568	3927848	3927753	3913056	0.65	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:52:45	DataFile Name :	039SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1599123	1582103	1560170	1580465	1.24	cps
Molybdenum	94-1	311194	317241	320844	316426	1.54	cps
Molybdenum	95-1	10596	10788	12089	11158	7.28	cps
Molybdenum	96-1	65701	65318	63558	64859	1.76	cps
Molybdenum	97-1	6844	7019	7161	7008	2.26	cps
Molybdenum	98-1	16494	18538	18063	17698	6.04	cps
Neodymium	150-1	328915	332316	336229	332487	1.10	cps
Neodymium	150-2	52983	52300	53261	52848	0.94	cps
Nickel	60-2	143032	142588	143497	143039	0.32	cps
Phosphorus	31-2	3751	3851	3826	3809	1.37	cps
Potassium	39-2	528813	518645	525773	524410	1.00	cps
Rhodium	103-1	10259460	9801416	10363888	10141588	2.95	cps
Rhodium	103-2	2994438	2975139	2985143	2984907	0.32	cps
Scandium	45-1	7919940	7667600	8082297	7889946	2.65	cps
Scandium	45-2	65227	64862	65468	65186	0.47	cps
Selenium	77-2	280	337	353	323	11.89	cps
Selenium	78-2	141	176	181	166	13.31	cps
Selenium	82-1	547	518	473	513	7.32	cps
Silicon	28-1	16382758	15620331	17469362	16490817	5.63	cps
Silver	109-1	4418	4559	4301	4426	2.92	cps
Silver	107-1	5010	4934	5193	5046	2.63	cps
Sodium	23-2	193009	187521	189057	189862	1.49	cps
Strontium	86-1	2013865	2000333	1975388	1996529	0.98	cps
Strontium	88-1	16882583	16949285	16793158	16875009	0.46	cps
Sulfur	34-1	959497	961084	963418	961333	0.21	cps
Terbium	159-1	13169328	12446844	13255360	12957177	3.43	cps
Terbium	159-2	3147115	3174971	3174716	3165601	0.51	cps
Thallium	203-1	10822	10813	11239	10958	2.22	cps
Thallium	205-1	26478	25844	26612	26311	1.56	cps
Tin	118-1	6785	6735	7186	6902	3.58	cps
Titanium	47-1	1897155	1915531	1949388	1920691	1.38	cps
Uranium	238-1	276525	285889	289884	284099	2.41	cps
Vanadium	51-2	138634	140193	139529	139452	0.56	cps
Yttrium	89-1	15412304	14910336	15580046	15300895	2.28	cps
Yttrium	89-2	510645	505431	505727	507268	0.58	cps
Zinc	66-2	73497	73819	75062	74126	1.12	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:52:45	DataFile Name :	039SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	863103	862447	873618	866389	0.72	cps
Zirconium	91-1	186858	189046	193188	189697	1.69	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:56:00	DataFile Name :	040SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655786	661249	651644	656226	0.73	cps
Antimony	121-1	2300	2817	2942	2687	12.67	cps
Arsenic	75-2	3638	3645	3806	3696	2.58	cps
Barium	135-1	2054450	2038214	2017683	2036783	0.90	cps
Barium	137-1	3542069	3496828	3524736	3521211	0.65	cps
Beryllium	9-1	8686	8808	8892	8796	1.18	cps
Bismuth	209-1	6935320	6974791	7029220	6979777	0.68	cps
Bismuth	209-2	2363738	2259038	2324390	2315722	2.28	cps
Boron	10-1	9620	10087	9912	9873	2.39	cps
Boron	11-1	45683	46894	45682	46086	1.52	cps
Cadmium	111-1	4553	4580	4939	4691	4.59	cps
Cadmium	106-1	4809	4934	5526	5090	7.52	cps
Cadmium	108-1	746	683	733	721	4.59	cps
Calcium	43-1	6735865	6787895	6772574	6765445	0.40	cps
Calcium	44-1	110552786	110146540	110459415	110386247	0.19	cps
Chromium	52-2	155425	156095	156284	155935	0.29	cps
Cobalt	59-2	194034	194169	194224	194142	0.05	cps
Copper	63-2	421178	422252	418722	420717	0.43	cps
Dysprosium	156-1	230317	227058	230253	229209	0.81	cps
Dysprosium	156-2	63072	63305	62096	62824	1.02	cps
Erbium	164-1	194832	196543	196550	195975	0.50	cps
Erbium	164-2	46851	48179	46924	47318	1.58	cps
Gadolinium	160-1	226952	228570	231703	229075	1.05	cps
Gadolinium	160-2	75610	75808	74618	75346	0.85	cps
Holmium	165-1	12404614	12656601	12653076	12571430	1.15	cps
Holmium	165-2	3286374	3125628	3183735	3198579	2.54	cps
Indium	115-1	10985674	11108590	11021710	11038658	0.57	cps
Indium	115-2	525248	508292	517045	516862	1.64	cps
Iron	56-2	115597622	115058175	114236986	114964261	0.60	cps
Iron	57-2	2919517	2940513	2934870	2931633	0.37	cps
Krypton	83-1	743	813	780	779	4.50	cps
Lead	206-1	465630	466603	471923	468052	0.72	cps
Lead	207-1	388936	383761	387258	386651	0.68	cps
Lead	208-1	1819950	1815073	1827193	1820739	0.33	cps
Lithium	6-1	2029171	2028250	2072045	2043155	1.22	cps
Magnesium	24-2	3861542	3844600	3817166	3841103	0.58	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:56:00	DataFile Name :	040SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1555181	1553637	1550295	1553037	0.16	cps
Molybdenum	94-1	313218	305749	311278	310082	1.25	cps
Molybdenum	95-1	10963	11122	10872	10985	1.15	cps
Molybdenum	96-1	63148	63751	63408	63436	0.48	cps
Molybdenum	97-1	6552	6902	6635	6696	2.73	cps
Molybdenum	98-1	16227	16936	17579	16914	4.00	cps
Neodymium	150-1	334268	328408	330288	330988	0.90	cps
Neodymium	150-2	52267	52454	51608	52110	0.85	cps
Nickel	60-2	138689	139894	138430	139005	0.56	cps
Phosphorus	31-2	3717	3476	3684	3626	3.61	cps
Potassium	39-2	520934	525356	515927	520739	0.91	cps
Rhodium	103-1	10173729	10348793	10505309	10342610	1.60	cps
Rhodium	103-2	3011646	2871462	2947092	2943400	2.38	cps
Scandium	45-1	7956941	8036061	8059331	8017444	0.67	cps
Scandium	45-2	64645	62870	64213	63909	1.45	cps
Selenium	77-2	270	290	293	284	4.44	cps
Selenium	78-2	169	139	172	160	11.43	cps
Selenium	82-1	416	502	447	455	9.52	cps
Silicon	28-1	17481784	18480619	23218711	19727038	15.54	cps
Silver	109-1	4218	4301	3776	4098	6.89	cps
Silver	107-1	4984	4876	4451	4771	5.91	cps
Sodium	23-2	188105	190738	191832	190225	1.01	cps
Strontium	86-1	1923344	1949807	1970177	1947776	1.21	cps
Strontium	88-1	16247655	16452711	16540019	16413461	0.91	cps
Sulfur	34-1	947675	944907	952589	948391	0.41	cps
Terbium	159-1	12942921	13063570	13269425	13091972	1.26	cps
Terbium	159-2	3166857	3059820	3152506	3126394	1.86	cps
Thallium	203-1	10647	10897	10847	10797	1.23	cps
Thallium	205-1	24433	24625	25468	24842	2.22	cps
Tin	118-1	7511	6885	7144	7180	4.38	cps
Titanium	47-1	2095398	1928361	1999146	2007635	4.18	cps
Uranium	238-1	275972	274470	279710	276718	0.98	cps
Vanadium	51-2	136426	137907	137917	137417	0.62	cps
Yttrium	89-1	15405974	15540341	15576693	15507669	0.58	cps
Yttrium	89-2	504722	488814	501463	498333	1.69	cps
Zinc	66-2	73517	73714	74478	73903	0.69	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 17:56:00	DataFile Name :	040SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	837099	839941	847069	841370	0.61	cps
Zirconium	91-1	186259	190083	187493	187945	1.04	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 17:59:14	DataFile Name :	041SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136704	134617	135357	135559	0.78	cps
Antimony	121-1	1233	1342	1584	1386	12.93	cps
Arsenic	75-2	798	787	757	781	2.70	cps
Barium	135-1	389186	393247	394875	392436	0.75	cps
Barium	137-1	680957	677363	679609	679309	0.27	cps
Beryllium	9-1	1956	1850	1756	1854	5.40	cps
Bismuth	209-1	7362008	7391745	7020819	7258191	2.84	cps
Bismuth	209-2	2469569	2477798	2479279	2475549	0.21	cps
Boron	10-1	2817	2959	2867	2881	2.49	cps
Boron	11-1	12639	12748	13407	12931	3.21	cps
Cadmium	111-1	2557	2496	2419	2491	2.79	cps
Cadmium	106-1	3267	3292	3109	3223	3.09	cps
Cadmium	108-1	179	179	183	181	1.33	cps
Calcium	43-1	1416155	1406001	1410929	1411028	0.36	cps
Calcium	44-1	22485978	22786699	22710142	22660940	0.69	cps
Chromium	52-2	32461	31850	32825	32379	1.52	cps
Cobalt	59-2	40997	40479	40612	40696	0.66	cps
Copper	63-2	90053	89603	89888	89848	0.25	cps
Dysprosium	156-1	45915	45932	45514	45787	0.52	cps
Dysprosium	156-2	12573	12690	12409	12557	1.12	cps
Erbium	164-1	39803	37940	39503	39082	2.56	cps
Erbium	164-2	9937	9193	9494	9541	3.92	cps
Gadolinium	160-1	45957	46409	46241	46202	0.49	cps
Gadolinium	160-2	15136	15016	14915	15022	0.73	cps
Holmium	165-1	12767531	12768802	12131813	12556049	2.93	cps
Holmium	165-2	3325859	3346801	3333688	3335450	0.32	cps
Indium	115-1	11654549	11542361	10951908	11382940	3.32	cps
Indium	115-2	549158	552223	549807	550396	0.29	cps
Iron	56-2	23953424	23963737	23935260	23950807	0.06	cps
Iron	57-2	599021	599003	601635	599886	0.25	cps
Krypton	83-1	567	487	460	504	11.00	cps
Lead	206-1	98166	97119	97790	97692	0.54	cps
Lead	207-1	78739	80617	81752	80369	1.89	cps
Lead	208-1	375082	377408	381795	378095	0.90	cps
Lithium	6-1	2147697	2125291	2033602	2102197	2.88	cps
Magnesium	24-2	786265	779794	778168	781409	0.55	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 17:59:14	DataFile Name :	041SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	313785	314375	316069	314743	0.38	cps
Molybdenum	94-1	61951	61624	61984	61853	0.32	cps
Molybdenum	95-1	2392	2284	2817	2498	11.29	cps
Molybdenum	96-1	13240	13090	13883	13404	3.14	cps
Molybdenum	97-1	1500	1759	1592	1617	8.10	cps
Molybdenum	98-1	3859	3901	3876	3879	0.54	cps
Neodymium	150-1	66468	66602	67528	66866	0.86	cps
Neodymium	150-2	10421	10528	10538	10495	0.62	cps
Nickel	60-2	29505	29585	29508	29533	0.15	cps
Phosphorus	31-2	875	675	850	800	13.62	cps
Potassium	39-2	109189	108106	109516	108937	0.68	cps
Rhodium	103-1	10934112	10783801	10397120	10705011	2.59	cps
Rhodium	103-2	3169156	3182365	3152817	3168113	0.47	cps
Scandium	45-1	7802251	7860353	7445969	7702857	2.91	cps
Scandium	45-2	63707	63687	64397	63930	0.63	cps
Selenium	77-2	57	53	37	49	21.91	cps
Selenium	78-2	56	31	39	42	29.38	cps
Selenium	82-1	16	131	234	127	85.90	cps
Silicon	28-1	3443319	3987704	4680612	4037212	15.36	cps
Silver	109-1	992	1125	1008	1042	6.98	cps
Silver	107-1	1167	1258	1175	1200	4.22	cps
Sodium	23-2	46035	45792	46013	45947	0.29	cps
Strontium	86-1	393221	392524	389962	391902	0.44	cps
Strontium	88-1	3439002	3470015	3410487	3439835	0.87	cps
Sulfur	34-1	620583	623387	623259	622410	0.25	cps
Terbium	159-1	13515162	13413159	12947085	13291802	2.28	cps
Terbium	159-2	3238044	3245480	3256263	3246596	0.28	cps
Thallium	203-1	2267	2200	2634	2367	9.86	cps
Thallium	205-1	5401	5426	5835	5554	4.38	cps
Tin	118-1	2067	1667	2209	1981	14.18	cps
Titanium	47-1	370226	388318	383817	380787	2.47	cps
Uranium	238-1	55893	56229	56890	56337	0.90	cps
Vanadium	51-2	27881	27855	28242	27993	0.77	cps
Yttrium	89-1	13490809	13356224	12697488	13181507	3.22	cps
Yttrium	89-2	442570	442519	444647	443246	0.27	cps
Zinc	66-2	15906	15102	15495	15501	2.59	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-04 17:59:14	DataFile Name :	041SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	169636	170691	170251	170193	0.31	cps
Zirconium	91-1	37053	37101	38180	37445	1.70	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:02:33	DataFile Name :	042SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	829624	828600	819235	825820	0.69	cps
Antimony	121-1	2141503	2132040	2155852	2143132	0.56	cps
Arsenic	75-2	59546	60402	60859	60269	1.11	cps
Barium	135-1	6881868	6880772	6944033	6902224	0.52	cps
Barium	137-1	11860696	11901558	11862102	11874785	0.20	cps
Beryllium	9-1	731798	737057	737972	735609	0.45	cps
Bismuth	209-1	6907546	6992426	6942257	6947410	0.61	cps
Bismuth	209-2	2311264	2315214	2283531	2303336	0.75	cps
Boron	10-1	86384	87617	92716	88906	3.78	cps
Boron	11-1	408149	424373	426885	419803	2.42	cps
Cadmium	111-1	1013582	1024852	1014953	1017795	0.60	cps
Cadmium	106-1	112039	111786	112643	112156	0.39	cps
Cadmium	108-1	74492	73981	74991	74488	0.68	cps
Calcium	43-1	7922345	7958102	7947846	7942764	0.23	cps
Calcium	44-1	128559228	129207195	128730753	128832392	0.26	cps
Chromium	52-2	704732	706632	706747	706037	0.16	cps
Cobalt	59-2	1260672	1268082	1263965	1264240	0.29	cps
Copper	63-2	2229289	2227813	2220631	2225911	0.21	cps
Dysprosium	156-1	270967	272828	272246	272014	0.35	cps
Dysprosium	156-2	81567	71913	72705	75395	7.11	cps
Erbium	164-1	218354	216849	221941	219048	1.19	cps
Erbium	164-2	52756	52589	52435	52593	0.31	cps
Gadolinium	160-1	259827	262384	265335	262515	1.05	cps
Gadolinium	160-2	86561	86366	87510	86813	0.71	cps
Holmium	165-1	12422673	12427525	12508372	12452857	0.39	cps
Holmium	165-2	3252386	3231635	3210321	3231447	0.65	cps
Indium	115-1	10783013	10924603	10758363	10821993	0.83	cps
Indium	115-2	511776	511187	511081	511348	0.07	cps
Iron	56-2	139339375	139949089	138631706	139306723	0.47	cps
Iron	57-2	3540479	3516438	3512216	3523044	0.43	cps
Krypton	83-1	760	740	790	763	3.30	cps
Lead	206-1	2986794	3001644	3064572	3017670	1.37	cps
Lead	207-1	2743277	2753290	2768172	2754913	0.45	cps
Lead	208-1	12276573	12259537	12314401	12283504	0.23	cps
Lithium	6-1	2042171	2052568	2081125	2058621	0.98	cps
Magnesium	24-2	5775129	5845002	5841086	5820406	0.67	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:02:33	DataFile Name :	042SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1851634	1864396	1870036	1862022	0.51	cps
Molybdenum	94-1	8676211	8695038	8783044	8718098	0.65	cps
Molybdenum	95-1	9735877	9912244	9777375	9808498	0.94	cps
Molybdenum	96-1	11188740	11062368	11064492	11105200	0.65	cps
Molybdenum	97-1	6178956	6295737	6182046	6218913	1.07	cps
Molybdenum	98-1	15584130	16007264	15775689	15789027	1.34	cps
Neodymium	150-1	419354	413794	421658	418268	0.97	cps
Neodymium	150-2	66397	65891	66005	66098	0.40	cps
Nickel	60-2	455230	455523	458149	456301	0.35	cps
Phosphorus	31-2	3742	3859	3717	3773	2.00	cps
Potassium	39-2	1121107	1126900	1123497	1123835	0.26	cps
Rhodium	103-1	9971435	10138010	10082562	10064003	0.84	cps
Rhodium	103-2	2964965	2916739	2950748	2944151	0.84	cps
Scandium	45-1	7917528	8079455	8011417	8002800	1.02	cps
Scandium	45-2	66215	66526	64721	65821	1.47	cps
Selenium	77-2	673	763	773	737	7.48	cps
Selenium	78-2	1519	1672	1611	1601	4.84	cps
Selenium	82-1	64941	65734	65627	65434	0.66	cps
Silicon	28-1	44670679	44098854	43487096	44085543	1.34	cps
Silver	109-1	600185	724003	382673	568954	30.37	cps
Silver	107-1	558563	404252	410200	457672	19.10	cps
Sodium	23-2	4523467	4549365	4584475	4552436	0.67	cps
Strontium	86-1	3253083	3364851	3450609	3356181	2.95	cps
Strontium	88-1	28380511	28797577	28996496	28724861	1.09	cps
Sulfur	34-1	955899	926039	953691	945210	1.76	cps
Terbium	159-1	13084629	13106273	13088099	13093001	0.09	cps
Terbium	159-2	3151594	3144958	3122237	3139596	0.49	cps
Thallium	203-1	3148845	3133736	3205610	3162731	1.20	cps
Thallium	205-1	7409268	7455569	7442277	7435705	0.32	cps
Tin	118-1	3279229	3276198	3309291	3288239	0.56	cps
Titanium	47-1	5930493	5994395	6021350	5982079	0.78	cps
Uranium	238-1	9588753	9556125	9672548	9605809	0.63	cps
Vanadium	51-2	541623	536787	535408	537939	0.61	cps
Yttrium	89-1	15430251	15720931	15715336	15622173	1.06	cps
Yttrium	89-2	507991	510372	510289	509551	0.27	cps
Zinc	66-2	225848	224259	225570	225226	0.38	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:02:33	DataFile Name :	042SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8548351	8466933	8697623	8570969	1.37	cps
Zirconium	91-1	1891565	1908990	1939500	1913352	1.27	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:05:45	DataFile Name :	043SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	811149	809789	800780	807239	0.70	cps
Antimony	121-1	2187364	2188648	2212310	2196107	0.64	cps
Arsenic	75-2	59699	58596	58979	59091	0.95	cps
Barium	135-1	6850726	6900523	7014548	6921932	1.21	cps
Barium	137-1	11849191	11822938	12045691	11905940	1.02	cps
Beryllium	9-1	737775	734840	737664	736759	0.23	cps
Bismuth	209-1	6929798	6970638	7011525	6970654	0.59	cps
Bismuth	209-2	2307459	2320335	2294431	2307408	0.56	cps
Boron	10-1	89260	89621	93690	90857	2.71	cps
Boron	11-1	416054	425381	436698	426045	2.43	cps
Cadmium	111-1	1006996	1021091	1021805	1016630	0.82	cps
Cadmium	106-1	109024	109450	113970	110815	2.47	cps
Cadmium	108-1	73512	74212	74203	73975	0.54	cps
Calcium	43-1	7519357	7630242	7574910	7574836	0.73	cps
Calcium	44-1	122972969	122689532	123255224	122972575	0.23	cps
Chromium	52-2	698389	698766	691334	696163	0.60	cps
Cobalt	59-2	1258488	1241220	1250299	1250002	0.69	cps
Copper	63-2	2193070	2208690	2195137	2198966	0.39	cps
Dysprosium	156-1	250039	243525	248194	247253	1.36	cps
Dysprosium	156-2	66789	66397	66076	66421	0.54	cps
Erbium	164-1	202644	204111	205068	203941	0.60	cps
Erbium	164-2	48059	47901	48477	48146	0.62	cps
Gadolinium	160-1	241168	241220	244395	242261	0.76	cps
Gadolinium	160-2	79161	78175	79188	78842	0.73	cps
Holmium	165-1	12470447	12638576	12725033	12611352	1.03	cps
Holmium	165-2	3228841	3259224	3202165	3230077	0.88	cps
Indium	115-1	10851623	11028239	11071623	10983828	1.06	cps
Indium	115-2	518035	516029	511068	515044	0.70	cps
Iron	56-2	134916125	133441331	133958492	134105316	0.56	cps
Iron	57-2	3439033	3372564	3340789	3384129	1.48	cps
Krypton	83-1	720	687	683	697	2.91	cps
Lead	206-1	3030552	3004102	3014840	3016498	0.44	cps
Lead	207-1	2736855	2781905	2737068	2751943	0.94	cps
Lead	208-1	12220224	12282387	12240185	12247599	0.26	cps
Lithium	6-1	2083504	2073784	2104279	2087189	0.75	cps
Magnesium	24-2	5639491	5668824	5630921	5646412	0.35	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:05:45	DataFile Name :	043SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1790968	1795723	1776589	1787760	0.56	cps
Molybdenum	94-1	8493757	8646000	8583479	8574412	0.89	cps
Molybdenum	95-1	9676373	9784345	9860921	9773880	0.95	cps
Molybdenum	96-1	11010038	11081112	11068233	11053127	0.34	cps
Molybdenum	97-1	6193462	6248448	6171020	6204310	0.64	cps
Molybdenum	98-1	15693435	15810898	15784793	15763042	0.39	cps
Neodymium	150-1	380295	401740	385818	389284	2.86	cps
Neodymium	150-2	59638	59926	59658	59741	0.27	cps
Nickel	60-2	452020	452526	451148	451898	0.15	cps
Phosphorus	31-2	3176	3567	3167	3303	6.92	cps
Potassium	39-2	1121187	1126413	1121130	1122910	0.27	cps
Rhodium	103-1	10119640	10258607	10379540	10252596	1.27	cps
Rhodium	103-2	2941817	2960043	2939136	2946999	0.39	cps
Scandium	45-1	8035892	8115030	8017742	8056222	0.64	cps
Scandium	45-2	66199	66727	65726	66217	0.76	cps
Selenium	77-2	673	747	823	748	10.03	cps
Selenium	78-2	1578	1519	1580	1559	2.23	cps
Selenium	82-1	65030	65986	66210	65742	0.95	cps
Silicon	28-1	40013403	40672670	41636136	40774070	2.00	cps
Silver	109-1	396268	395499	722068	504611	37.32	cps
Silver	107-1	416037	418171	425983	420064	1.25	cps
Sodium	23-2	4528180	4523933	4497102	4516405	0.37	cps
Strontium	86-1	3204349	3264704	3297336	3255463	1.45	cps
Strontium	88-1	27349819	27927113	27943205	27740046	1.22	cps
Sulfur	34-1	904226	895963	918125	906104	1.24	cps
Terbium	159-1	13195035	13110491	13299108	13201545	0.72	cps
Terbium	159-2	3155641	3174938	3110087	3146889	1.06	cps
Thallium	203-1	3184085	3198520	3184225	3188943	0.26	cps
Thallium	205-1	7428855	7493114	7511166	7477712	0.58	cps
Tin	118-1	3238347	3292572	3316184	3282368	1.22	cps
Titanium	47-1	5854226	5880326	5858308	5864287	0.24	cps
Uranium	238-1	9483573	9474185	9587330	9515029	0.66	cps
Vanadium	51-2	535088	532068	525931	531029	0.88	cps
Yttrium	89-1	15268244	15728114	15398394	15464917	1.53	cps
Yttrium	89-2	503495	502052	501545	502364	0.20	cps
Zinc	66-2	224527	220900	220535	221987	0.99	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:05:45	DataFile Name :	043SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8361767	8530174	8408071	8433337	1.03	cps
Zirconium	91-1	1867671	1865002	1864404	1865692	0.09	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:08:53	DataFile Name :	044SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	812952	818990	824512	818818	0.71	cps
Antimony	121-1	2175521	2185217	2181529	2180756	0.22	cps
Arsenic	75-2	59609	59360	60013	59661	0.55	cps
Barium	135-1	6926281	7023553	6957154	6968996	0.71	cps
Barium	137-1	11963882	12180007	11954799	12032896	1.06	cps
Beryllium	9-1	739193	738898	743135	740409	0.32	cps
Bismuth	209-1	7088671	6978920	6678928	6915507	3.07	cps
Bismuth	209-2	2320958	2307856	2318350	2315721	0.30	cps
Boron	10-1	90494	93805	96339	93546	3.13	cps
Boron	11-1	426204	435262	443681	435049	2.01	cps
Cadmium	111-1	1020439	1016306	1026678	1021141	0.51	cps
Cadmium	106-1	111710	112205	112728	112214	0.45	cps
Cadmium	108-1	73939	75137	74752	74609	0.82	cps
Calcium	43-1	7773016	7827548	7882855	7827806	0.70	cps
Calcium	44-1	125681311	127019807	127948153	126883090	0.90	cps
Chromium	52-2	695603	702886	702493	700327	0.58	cps
Cobalt	59-2	1264197	1261224	1264347	1263256	0.14	cps
Copper	63-2	2219796	2215103	2219404	2218101	0.12	cps
Dysprosium	156-1	262479	265923	266700	265034	0.85	cps
Dysprosium	156-2	69929	69731	70908	70189	0.90	cps
Erbium	164-1	218975	215686	215635	216765	0.88	cps
Erbium	164-2	50377	50347	50447	50390	0.10	cps
Gadolinium	160-1	259200	255384	264366	259650	1.74	cps
Gadolinium	160-2	83233	83642	83716	83530	0.31	cps
Holmium	165-1	12786448	12697504	12097458	12527137	2.99	cps
Holmium	165-2	3196803	3252172	3259438	3236138	1.06	cps
Indium	115-1	11060303	10855497	10463089	10792963	2.81	cps
Indium	115-2	512371	513353	515933	513885	0.36	cps
Iron	56-2	136978161	136910742	137141011	137009972	0.09	cps
Iron	57-2	3515718	3440512	3508091	3488107	1.19	cps
Krypton	83-1	777	800	750	776	3.23	cps
Lead	206-1	3081821	3069161	3087435	3079472	0.30	cps
Lead	207-1	2761465	2773314	2745706	2760162	0.50	cps
Lead	208-1	12353938	12396154	12365122	12371738	0.18	cps
Lithium	6-1	2093415	2107035	2028397	2076283	2.02	cps
Magnesium	24-2	5714693	5793858	5822952	5777168	0.97	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:08:53	DataFile Name :	044SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1829234	1844035	1857250	1843507	0.76	cps
Molybdenum	94-1	8678918	8663788	8742429	8695045	0.48	cps
Molybdenum	95-1	9773102	9824080	9911515	9836232	0.71	cps
Molybdenum	96-1	11203762	11154914	11227506	11195394	0.33	cps
Molybdenum	97-1	6174409	6277412	6228319	6226713	0.83	cps
Molybdenum	98-1	15900780	15892035	15844761	15879192	0.19	cps
Neodymium	150-1	403810	409685	411202	408232	0.96	cps
Neodymium	150-2	64705	63295	63831	63944	1.11	cps
Nickel	60-2	456634	453752	454573	454987	0.33	cps
Phosphorus	31-2	3642	3367	3509	3506	3.92	cps
Potassium	39-2	1113126	1124107	1131603	1122945	0.83	cps
Rhodium	103-1	10252107	10189813	9751867	10064596	2.71	cps
Rhodium	103-2	2950673	2945098	2967227	2954332	0.39	cps
Scandium	45-1	8037132	8036289	7770505	7947975	1.93	cps
Scandium	45-2	64969	66959	65030	65653	1.72	cps
Selenium	77-2	783	747	673	734	7.63	cps
Selenium	78-2	1626	1622	1585	1611	1.40	cps
Selenium	82-1	65308	65095	66168	65524	0.87	cps
Silicon	28-1	44123812	44448683	44147342	44239946	0.41	cps
Silver	109-1	384542	386332	780445	517106	44.10	cps
Silver	107-1	798617	416880	421374	545624	40.16	cps
Sodium	23-2	4556683	4510873	4580761	4549439	0.78	cps
Strontium	86-1	3294937	3312522	3310959	3306139	0.29	cps
Strontium	88-1	28422187	28376351	28430379	28409639	0.10	cps
Sulfur	34-1	921069	954166	949580	941605	1.90	cps
Terbium	159-1	13351315	13379170	12569420	13099969	3.51	cps
Terbium	159-2	3117646	3168402	3154762	3146937	0.83	cps
Thallium	203-1	3205831	3234341	3220255	3220142	0.44	cps
Thallium	205-1	7555393	7597884	7508505	7553927	0.59	cps
Tin	118-1	3298203	3297890	3303283	3299792	0.09	cps
Titanium	47-1	6072347	5999806	6041589	6037914	0.60	cps
Uranium	238-1	9748013	9569110	9666255	9661126	0.93	cps
Vanadium	51-2	536439	537976	536177	536864	0.18	cps
Yttrium	89-1	15605187	15631360	14995929	15410825	2.33	cps
Yttrium	89-2	505293	505115	506234	505547	0.12	cps
Zinc	66-2	220988	224400	224500	223296	0.90	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:08:53	DataFile Name :	044SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8444822	8379236	8591400	8471820	1.28	cps
Zirconium	91-1	1871532	1891723	1900464	1887907	0.79	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:23:25	DataFile Name :	045SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117980	119081	118940	118667	0.50	cps
Antimony	121-1	808	1092	1233	1045	20.72	cps
Arsenic	75-2	493	424	454	457	7.52	cps
Barium	135-1	1223495	1227882	1219313	1223563	0.35	cps
Barium	137-1	2162572	2195180	2189417	2182390	0.80	cps
Beryllium	9-1	2234	2367	2306	2302	2.90	cps
Bismuth	209-1	7308376	7388984	7292537	7329966	0.71	cps
Bismuth	209-2	2468676	2396242	2414465	2426461	1.55	cps
Boron	10-1	2742	2875	3009	2875	4.64	cps
Boron	11-1	13565	14033	13632	13744	1.84	cps
Cadmium	111-1	2157	2178	2371	2236	5.27	cps
Cadmium	106-1	2700	2667	3109	2825	8.71	cps
Cadmium	108-1	154	163	150	156	4.09	cps
Calcium	43-1	1351784	1387200	1422690	1387224	2.56	cps
Calcium	44-1	22092752	22291107	22216259	22200039	0.45	cps
Chromium	52-2	30443	29715	29999	30052	1.22	cps
Cobalt	59-2	34596	34312	35088	34665	1.13	cps
Copper	63-2	69734	69928	71148	70270	1.09	cps
Dysprosium	156-1	62107	63572	63555	63078	1.33	cps
Dysprosium	156-2	16170	16330	16624	16375	1.41	cps
Erbium	164-1	50282	49403	50349	50011	1.06	cps
Erbium	164-2	11882	11622	11515	11673	1.62	cps
Gadolinium	160-1	59662	59696	60650	60003	0.93	cps
Gadolinium	160-2	19465	19732	19224	19474	1.30	cps
Holmium	165-1	12745903	12877233	12766984	12796707	0.55	cps
Holmium	165-2	3256261	3237189	3245401	3246284	0.29	cps
Indium	115-1	11315809	11339672	11346116	11333866	0.14	cps
Indium	115-2	535310	530101	531566	532326	0.50	cps
Iron	56-2	17959043	17832784	17990171	17927333	0.46	cps
Iron	57-2	449207	447356	448847	448470	0.22	cps
Krypton	83-1	513	560	503	526	5.76	cps
Lead	206-1	89989	90068	91131	90396	0.71	cps
Lead	207-1	72892	74088	74703	73894	1.25	cps
Lead	208-1	349165	352667	353215	351682	0.62	cps
Lithium	6-1	2121429	2118884	2088786	2109699	0.86	cps
Magnesium	24-2	805206	798956	797438	800533	0.51	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:23:25	DataFile Name :	045SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	489054	489583	492330	490322	0.36	cps
Molybdenum	94-1	47904	47919	48437	48087	0.63	cps
Molybdenum	95-1	2859	2867	3842	3189	17.73	cps
Molybdenum	96-1	10972	11163	11831	11322	3.98	cps
Molybdenum	97-1	1867	2025	2259	2050	9.61	cps
Molybdenum	98-1	4534	5485	5852	5290	12.85	cps
Neodymium	150-1	103573	104131	103533	103746	0.32	cps
Neodymium	150-2	16207	16290	16370	16289	0.50	cps
Nickel	60-2	27327	26582	27260	27057	1.52	cps
Phosphorus	31-2	900	867	892	886	1.96	cps
Potassium	39-2	107384	107678	107248	107436	0.20	cps
Rhodium	103-1	10761312	10702778	10737296	10733795	0.27	cps
Rhodium	103-2	3089270	3105824	3096561	3097218	0.27	cps
Scandium	45-1	7540675	7527619	7556557	7541617	0.19	cps
Scandium	45-2	62170	61675	61862	61903	0.40	cps
Selenium	77-2	50	77	87	71	26.66	cps
Selenium	78-2	46	37	35	40	15.07	cps
Selenium	82-1	106	78	151	112	32.77	cps
Silicon	28-1	2773145	3002897	3557636	3111226	12.96	cps
Silver	109-1	650	533	658	614	11.38	cps
Silver	107-1	875	717	842	811	10.29	cps
Sodium	23-2	93263	76506	77294	82354	11.48	cps
Strontium	86-1	267100	268085	268042	267743	0.21	cps
Strontium	88-1	2357738	2345184	2353204	2352042	0.27	cps
Sulfur	34-1	508762	509107	506375	508082	0.29	cps
Terbium	159-1	13254743	13380018	13247628	13294130	0.56	cps
Terbium	159-2	3130507	3184809	3155718	3157012	0.86	cps
Thallium	203-1	2867	2984	3017	2956	2.67	cps
Thallium	205-1	6677	6961	7244	6961	4.07	cps
Tin	118-1	2167	2450	2650	2423	10.03	cps
Titanium	47-1	308751	307371	321725	312616	2.53	cps
Uranium	238-1	42943	44138	43076	43385	1.51	cps
Vanadium	51-2	24609	24545	24398	24517	0.44	cps
Yttrium	89-1	13190903	13165891	13129221	13162005	0.24	cps
Yttrium	89-2	432831	430495	430609	431312	0.31	cps
Zinc	66-2	10884	11228	11545	11219	2.94	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(65-67)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:23:25	DataFile Name :	045SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	127670	138036	129865	131857	4.14	cps
Zirconium	91-1	28289	29182	28573	28681	1.59	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:26:42	DataFile Name :	046SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401299	404055	404363	403239	0.42	cps
Antimony	121-1	1075	1125	1133	1111	2.84	cps
Arsenic	75-2	1615	1545	1495	1551	3.90	cps
Barium	135-1	1404918	1427145	1408725	1413596	0.84	cps
Barium	137-1	2511853	2526883	2485902	2508213	0.83	cps
Beryllium	9-1	6051	6274	6163	6163	1.80	cps
Bismuth	209-1	7423660	7344003	7339029	7368898	0.64	cps
Bismuth	209-2	2442890	2461428	2436300	2446873	0.53	cps
Boron	10-1	6202	6085	6377	6221	2.36	cps
Boron	11-1	28680	29432	30943	29685	3.88	cps
Cadmium	111-1	10180	3483	3382	5682	68.57	cps
Cadmium	106-1	13764	4351	4126	7413	74.20	cps
Cadmium	108-1	346	375	354	358	4.19	cps
Calcium	43-1	2917163	2892589	2960040	2923264	1.17	cps
Calcium	44-1	47006433	47396131	47621799	47341455	0.66	cps
Chromium	52-2	97547	98309	97027	97627	0.66	cps
Cobalt	59-2	104733	103554	104908	104398	0.71	cps
Copper	63-2	186699	186665	187681	187015	0.31	cps
Dysprosium	156-1	130286	134363	132827	132492	1.55	cps
Dysprosium	156-2	34449	34746	34693	34629	0.46	cps
Erbium	164-1	109711	107787	107408	108302	1.14	cps
Erbium	164-2	25121	25549	25281	25317	0.85	cps
Gadolinium	160-1	126485	125399	128570	126818	1.27	cps
Gadolinium	160-2	42245	41720	42034	42000	0.63	cps
Holmium	165-1	13041336	13053204	12939820	13011453	0.48	cps
Holmium	165-2	3322907	3306539	3289156	3306201	0.51	cps
Indium	115-1	11430395	11471407	11277497	11393100	0.90	cps
Indium	115-2	538443	534758	531642	534947	0.64	cps
Iron	56-2	62410540	62064915	62451246	62308900	0.34	cps
Iron	57-2	1585649	1607276	1585151	1592692	0.79	cps
Krypton	83-1	530	680	680	630	13.75	cps
Lead	206-1	244180	251183	250354	248573	1.54	cps
Lead	207-1	203509	201571	205660	203580	1.00	cps
Lead	208-1	959703	960676	968504	962961	0.50	cps
Lithium	6-1	2097418	2122586	2094848	2104951	0.73	cps
Magnesium	24-2	2096373	2096357	2084983	2092571	0.31	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:26:42	DataFile Name :	046SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	798479	803228	804182	801963	0.38	cps
Molybdenum	94-1	158491	161423	165659	161857	2.23	cps
Molybdenum	95-1	5885	5576	5943	5802	3.40	cps
Molybdenum	96-1	34028	32356	33768	33384	2.69	cps
Molybdenum	97-1	3501	3584	3476	3520	1.61	cps
Molybdenum	98-1	8286	9037	9070	8798	5.04	cps
Neodymium	150-1	198859	202607	201242	200902	0.94	cps
Neodymium	150-2	31374	31689	31334	31466	0.62	cps
Nickel	60-2	72209	71998	72062	72090	0.15	cps
Phosphorus	31-2	1400	1809	1575	1595	12.85	cps
Potassium	39-2	389956	391243	393448	391549	0.45	cps
Rhodium	103-1	10595274	10791953	10596454	10661227	1.06	cps
Rhodium	103-2	3068889	3051541	3065543	3061991	0.30	cps
Scandium	45-1	7825175	7871309	7827545	7841343	0.33	cps
Scandium	45-2	62957	63385	63051	63131	0.36	cps
Selenium	77-2	163	203	193	187	11.15	cps
Selenium	78-2	74	96	94	88	13.97	cps
Selenium	82-1	328	143	152	208	50.11	cps
Silicon	28-1	10403024	14008894	13140868	12517595	15.03	cps
Silver	109-1	1542	1417	1358	1439	6.51	cps
Silver	107-1	1584	1767	1734	1695	5.76	cps
Sodium	23-2	115473	117930	113441	115615	1.94	cps
Strontium	86-1	827435	841118	839896	836150	0.91	cps
Strontium	88-1	7131112	7268326	7254553	7217997	1.05	cps
Sulfur	34-1	663051	663630	667476	664719	0.36	cps
Terbium	159-1	13496460	13590532	13373884	13486959	0.81	cps
Terbium	159-2	3233130	3200038	3204718	3212629	0.56	cps
Thallium	203-1	7703	7828	7920	7817	1.39	cps
Thallium	205-1	19633	18806	18957	19132	2.30	cps
Tin	118-1	5143	4935	4826	4968	3.24	cps
Titanium	47-1	1480015	1439563	1466389	1461989	1.41	cps
Uranium	238-1	87348	87685	89597	88210	1.38	cps
Vanadium	51-2	85479	84942	85603	85341	0.41	cps
Yttrium	89-1	14118085	14266699	14179251	14188012	0.53	cps
Yttrium	89-2	463736	457066	462556	461120	0.77	cps
Zinc	66-2	36682	36832	37424	36979	1.06	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(75-77)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:26:42	DataFile Name :	046SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	435585	440208	441325	439039	0.69	cps
Zirconium	91-1	96509	96794	97532	96945	0.55	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:29:59	DataFile Name :	047SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537510	531039	537789	535446	0.71	cps
Antimony	121-1	1008	817	950	925	10.62	cps
Arsenic	75-2	2889	2830	2848	2856	1.06	cps
Barium	135-1	1834797	1858501	1870887	1854728	0.99	cps
Barium	137-1	3190698	3174122	3155297	3173372	0.56	cps
Beryllium	9-1	7597	7174	6846	7206	5.22	cps
Bismuth	209-1	7414640	7430300	7481029	7441990	0.47	cps
Bismuth	209-2	2475692	2528377	2375121	2459730	3.17	cps
Boron	10-1	7027	7477	7511	7338	3.68	cps
Boron	11-1	34509	33273	34058	33947	1.84	cps
Cadmium	111-1	3950	3916	3923	3929	0.45	cps
Cadmium	106-1	4968	5076	5210	5085	2.38	cps
Cadmium	108-1	754	738	892	794	10.65	cps
Calcium	43-1	2891443	2864552	2892859	2882951	0.55	cps
Calcium	44-1	46379394	46010786	46641224	46343801	0.68	cps
Chromium	52-2	111295	112112	108500	110635	1.71	cps
Cobalt	59-2	141039	143318	141833	142063	0.81	cps
Copper	63-2	278644	281973	282235	280950	0.71	cps
Dysprosium	156-1	142198	140903	145080	142727	1.50	cps
Dysprosium	156-2	37958	38493	38784	38412	1.09	cps
Erbium	164-1	120892	122187	123952	122344	1.26	cps
Erbium	164-2	28628	28525	29116	28756	1.10	cps
Gadolinium	160-1	141644	140248	144452	142115	1.51	cps
Gadolinium	160-2	46182	46192	47784	46719	1.97	cps
Holmium	165-1	12996049	12973618	13113973	13027880	0.58	cps
Holmium	165-2	3377004	3338657	3193952	3303204	2.92	cps
Indium	115-1	11449323	11333115	11510399	11430946	0.79	cps
Indium	115-2	539872	539918	517179	532323	2.46	cps
Iron	56-2	99173983	100078469	99884616	99712356	0.48	cps
Iron	57-2	2524038	2560717	2569765	2551506	0.95	cps
Krypton	83-1	660	640	667	656	2.12	cps
Lead	206-1	364418	368068	371854	368113	1.01	cps
Lead	207-1	300106	303780	304640	302842	0.80	cps
Lead	208-1	1421828	1423629	1431899	1425785	0.38	cps
Lithium	6-1	2114971	2137274	2130867	2127704	0.54	cps
Magnesium	24-2	2166349	2147064	2156039	2156484	0.45	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:29:59	DataFile Name :	047SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	933811	936008	935265	935028	0.12	cps
Molybdenum	94-1	327570	329865	332049	329828	0.68	cps
Molybdenum	95-1	6227	6744	6218	6396	4.70	cps
Molybdenum	96-1	61256	62730	62520	62169	1.28	cps
Molybdenum	97-1	3817	4142	4151	4037	4.71	cps
Molybdenum	98-1	10163	10029	10663	10285	3.25	cps
Neodymium	150-1	204477	199696	206171	203448	1.65	cps
Neodymium	150-2	31448	32748	32470	32222	2.12	cps
Nickel	60-2	94146	94129	95817	94697	1.02	cps
Phosphorus	31-2	1300	1458	1567	1442	9.30	cps
Potassium	39-2	315364	311732	314164	313753	0.59	cps
Rhodium	103-1	10643454	10663499	10801717	10702890	0.81	cps
Rhodium	103-2	3081454	3131963	2935705	3049708	3.34	cps
Scandium	45-1	7891939	7940663	7957329	7929977	0.43	cps
Scandium	45-2	64902	64149	60674	63242	3.57	cps
Selenium	77-2	190	167	220	192	13.91	cps
Selenium	78-2	98	130	109	112	14.21	cps
Selenium	82-1	328	312	333	324	3.43	cps
Silicon	28-1	20774834	15255719	18637318	18222624	15.27	cps
Silver	109-1	2025	1875	2150	2017	6.83	cps
Silver	107-1	2950	2700	2792	2814	4.50	cps
Sodium	23-2	105938	109660	107308	107636	1.75	cps
Strontium	86-1	1010234	1011708	1007933	1009958	0.19	cps
Strontium	88-1	8732074	8700385	8688475	8706978	0.26	cps
Sulfur	34-1	729338	724641	727587	727189	0.33	cps
Terbium	159-1	13485964	13561091	13729663	13592239	0.92	cps
Terbium	159-2	3281452	3276705	3147926	3235361	2.34	cps
Thallium	203-1	6018	5493	6027	5846	5.23	cps
Thallium	205-1	14033	14200	14200	14145	0.68	cps
Tin	118-1	3701	3634	3751	3695	1.58	cps
Titanium	47-1	785389	754628	723944	754654	4.07	cps
Uranium	238-1	83573	82476	82364	82804	0.81	cps
Vanadium	51-2	89410	88548	89323	89093	0.53	cps
Yttrium	89-1	14373097	14528477	14637614	14513063	0.92	cps
Yttrium	89-2	473030	470974	453290	465765	2.33	cps
Zinc	66-2	55163	54862	55414	55146	0.50	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(85-87)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:29:59	DataFile Name :	047SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	914447	911986	918379	914937	0.35	cps
Zirconium	91-1	201022	201608	200991	201207	0.17	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:40:17	DataFile Name :	050CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417836	419751	416939	418175	0.34	cps
Antimony	121-1	4504079	4578904	4596259	4559747	1.07	cps
Arsenic	75-2	59388	59120	59786	59431	0.56	cps
Barium	135-1	4693999	4737961	4679858	4703939	0.64	cps
Barium	137-1	7993445	8081461	8025386	8033431	0.55	cps
Beryllium	9-1	745926	746734	745782	746147	0.07	cps
Bismuth	209-1	6628843	6613289	6485272	6575801	1.20	cps
Bismuth	209-2	2303527	2276813	2292577	2290973	0.59	cps
Boron	10-1	86719	87853	89143	87905	1.38	cps
Boron	11-1	401860	408908	413348	408039	1.42	cps
Cadmium	111-1	995515	988774	992379	992223	0.34	cps
Cadmium	106-1	107081	106695	106955	106911	0.18	cps
Cadmium	108-1	71744	70375	71941	71353	1.20	cps
Calcium	43-1	6308354	6365549	6280738	6318214	0.68	cps
Calcium	44-1	102687219	102118054	101690654	102165309	0.49	cps
Chromium	52-2	548818	547561	547693	548024	0.13	cps
Cobalt	59-2	1085989	1089168	1084148	1086435	0.23	cps
Copper	63-2	1883339	1875312	1900025	1886226	0.67	cps
Dysprosium	156-1	92	125	75	97	26.19	cps
Dysprosium	156-2	17	20	3	13	66.16	cps
Erbium	164-1	100	83	50	78	32.73	cps
Erbium	164-2	3	20	23	16	68.90	cps
Gadolinium	160-1	125	150	158	144	12.01	cps
Gadolinium	160-2	40	27	33	33	20.00	cps
Holmium	165-1	11997415	12175092	12215816	12129441	0.96	cps
Holmium	165-2	3299836	3254707	3271368	3275304	0.70	cps
Indium	115-1	10859791	10941792	10764081	10855221	0.82	cps
Indium	115-2	538096	539508	534239	537281	0.51	cps
Iron	56-2	88019138	87723246	88030824	87924403	0.20	cps
Iron	57-2	2247215	2271703	2280508	2266475	0.76	cps
Krypton	83-1	497	510	527	511	2.94	cps
Lead	206-1	2322995	2342788	2300589	2322124	0.91	cps
Lead	207-1	2148047	2167176	2123484	2146235	1.02	cps
Lead	208-1	9528395	9577049	9513296	9539580	0.35	cps
Lithium	6-1	2071687	2116358	2110495	2099513	1.16	cps
Magnesium	24-2	9841570	9835153	9885121	9853948	0.28	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:40:17	DataFile Name :	050CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	304541	302261	303866	303556	0.39	cps
Molybdenum	94-1	8464026	8538177	8473891	8492032	0.47	cps
Molybdenum	95-1	10273907	10266002	10116414	10218774	0.87	cps
Molybdenum	96-1	11541519	11628905	11500212	11556879	0.57	cps
Molybdenum	97-1	6581673	6508362	6535969	6542001	0.57	cps
Molybdenum	98-1	16760201	16811046	16428305	16666517	1.25	cps
Neodymium	150-1	253	167	273	231	24.53	cps
Neodymium	150-2	7	20	20	16	49.47	cps
Nickel	60-2	325167	320264	321508	322313	0.79	cps
Phosphorus	31-2	5034	5460	5601	5365	5.50	cps
Potassium	39-2	2883746	2891631	2886476	2887284	0.14	cps
Rhodium	103-1	10347382	10319805	10243470	10303552	0.52	cps
Rhodium	103-2	3054447	3049268	3001236	3034983	0.97	cps
Scandium	45-1	7710420	7792897	7778964	7760761	0.57	cps
Scandium	45-2	66222	65344	65823	65797	0.67	cps
Selenium	77-2	487	410	427	441	9.14	cps
Selenium	78-2	1435	1526	1458	1473	3.21	cps
Selenium	82-1	66894	66123	66526	66514	0.58	cps
Silicon	28-1	2926394	2971033	2994521	2963983	1.17	cps
Silver	109-1	4944286	4886561	4942961	4924602	0.67	cps
Silver	107-1	5209457	5118623	5171080	5166387	0.88	cps
Sodium	23-2	22899437	22972744	22988394	22953525	0.21	cps
Strontium	86-1	1443094	1417188	1411960	1424081	1.17	cps
Strontium	88-1	12175277	12054214	12156607	12128699	0.54	cps
Sulfur	34-1	888905	882124	883308	884779	0.41	cps
Terbium	159-1	12621837	12591614	12719356	12644269	0.53	cps
Terbium	159-2	3143935	3178951	3196214	3173034	0.84	cps
Thallium	203-1	2892869	2929992	2947030	2923297	0.95	cps
Thallium	205-1	6836291	6884550	6861270	6860704	0.35	cps
Tin	118-1	3266813	3255369	3278538	3266907	0.35	cps
Titanium	47-1	3174873	3154083	3187364	3172106	0.53	cps
Uranium	238-1	8554369	8480566	8509883	8514940	0.44	cps
Vanadium	51-2	394539	393260	391891	393230	0.34	cps
Yttrium	89-1	12419279	12522860	12443815	12461985	0.43	cps
Yttrium	89-2	430172	430231	425034	428479	0.70	cps
Zinc	66-2	165379	165484	162981	164615	0.86	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:40:17	DataFile Name :	050CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7335344	7313747	7403256	7350782	0.64	cps
Zirconium	91-1	1631444	1619291	1631150	1627295	0.43	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:43:26	DataFile Name :	051CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	25	33	43.30	cps
Antimony	121-1	16745	19181	19173	18366	7.65	cps
Arsenic	75-2	41	28	35	35	18.81	cps
Barium	135-1	292	217	200	236	20.68	cps
Barium	137-1	358	358	292	336	11.45	cps
Beryllium	9-1	228	228	233	230	1.40	cps
Bismuth	209-1	6924646	6895265	7034444	6951452	1.06	cps
Bismuth	209-2	2415023	2433135	2377128	2408429	1.19	cps
Boron	10-1	3901	3559	3492	3651	6.00	cps
Boron	11-1	18538	16527	15968	17011	7.94	cps
Cadmium	111-1	1959	1609	1900	1823	10.29	cps
Cadmium	106-1	2625	2159	2634	2473	11.00	cps
Cadmium	108-1	17	21	21	19	12.35	cps
Calcium	43-1	1567	1117	1133	1272	20.05	cps
Calcium	44-1	43051	42491	42382	42641	0.84	cps
Chromium	52-2	770	883	787	813	7.52	cps
Cobalt	59-2	103	63	67	78	28.54	cps
Copper	63-2	1240	1223	1317	1260	3.95	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	100	75	83	86	14.79	cps
Gadolinium	160-2	7	20	27	18	57.27	cps
Holmium	165-1	11924610	11843942	11914248	11894267	0.37	cps
Holmium	165-2	3251192	3219401	3184501	3218365	1.04	cps
Indium	115-1	11210808	11225919	11138517	11191748	0.42	cps
Indium	115-2	560496	555205	549761	555154	0.97	cps
Iron	56-2	6407	6379	6424	6404	0.35	cps
Iron	57-2	150	167	150	156	6.18	cps
Krypton	83-1	400	467	513	460	12.38	cps
Lead	206-1	628	600	489	572	12.84	cps
Lead	207-1	444	550	450	482	12.34	cps
Lead	208-1	2461	2333	2039	2278	9.51	cps
Lithium	6-1	2104906	2100027	2135126	2113353	0.90	cps
Magnesium	24-2	542	475	400	472	15.01	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:43:26	DataFile Name :	051CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	47	49	14.20	cps
Molybdenum	94-1	4468	5235	6060	5254	15.16	cps
Molybdenum	95-1	6452	6844	8520	7272	15.11	cps
Molybdenum	96-1	7052	8303	9545	8300	15.02	cps
Molybdenum	97-1	3926	4901	5526	4784	16.86	cps
Molybdenum	98-1	11097	12340	13524	12320	9.85	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	130	150	147	142	7.53	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	4368	3984	4259	4204	4.70	cps
Rhodium	103-1	10695962	10655336	10648415	10666571	0.24	cps
Rhodium	103-2	3210927	3238267	3167151	3205449	1.12	cps
Scandium	45-1	7641471	7647417	7691857	7660249	0.36	cps
Scandium	45-2	64437	64407	62441	63762	1.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	47	30	-3	24	105.07	cps
Silicon	28-1	528996	523851	520063	524303	0.86	cps
Silver	109-1	483	342	350	392	20.30	cps
Silver	107-1	492	550	517	519	5.63	cps
Sodium	23-2	14633	14241	13465	14113	4.21	cps
Strontium	86-1	675	783	783	747	8.37	cps
Strontium	88-1	633	583	592	603	4.45	cps
Sulfur	34-1	498152	494921	496357	496477	0.33	cps
Terbium	159-1	12808659	12376651	12560731	12582013	1.72	cps
Terbium	159-2	3208953	3131574	3146637	3162388	1.30	cps
Thallium	203-1	1584	1358	1417	1453	8.04	cps
Thallium	205-1	3926	3176	3126	3409	13.15	cps
Tin	118-1	2909	3242	3926	3359	15.44	cps
Titanium	47-1	575	500	467	514	10.80	cps
Uranium	238-1	425	475	317	406	19.96	cps
Vanadium	51-2	37	23	13	24	47.91	cps
Yttrium	89-1	12530141	12460781	12417533	12469485	0.46	cps
Yttrium	89-2	422134	421187	417801	420374	0.54	cps
Zinc	66-2	23	17	17	19	20.36	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 18:43:26	DataFile Name :	051CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2450	2642	2817	2636	6.96	cps
Zirconium	91-1	608	542	525	558	7.90	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:46:46	DataFile Name :	052SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115518	114962	114998	115160	0.27	cps
Antimony	121-1	6585	7436	8511	7511	12.85	cps
Arsenic	75-2	369	441	435	415	9.69	cps
Barium	135-1	392791	396832	391182	393602	0.74	cps
Barium	137-1	677654	685763	672800	678739	0.96	cps
Beryllium	9-1	2372	2134	2278	2261	5.32	cps
Bismuth	209-1	6829555	6655891	6797497	6760981	1.37	cps
Bismuth	209-2	2349624	2421543	2448974	2406713	2.13	cps
Boron	10-1	3459	3584	3876	3640	5.88	cps
Boron	11-1	16919	16927	19218	17688	7.49	cps
Cadmium	111-1	2322	2206	2207	2245	2.97	cps
Cadmium	106-1	3026	2792	2750	2856	5.19	cps
Cadmium	108-1	125	129	79	111	24.97	cps
Calcium	43-1	1272864	1303088	1319208	1298387	1.81	cps
Calcium	44-1	20615081	20840919	20898265	20784755	0.72	cps
Chromium	52-2	26869	26990	27163	27007	0.55	cps
Cobalt	59-2	33985	34135	34192	34104	0.31	cps
Copper	63-2	70773	71915	72270	71653	1.09	cps
Dysprosium	156-1	59353	60006	60491	59950	0.95	cps
Dysprosium	156-2	16204	15940	15820	15988	1.23	cps
Erbium	164-1	44243	44000	43733	43992	0.58	cps
Erbium	164-2	10898	10995	10945	10946	0.44	cps
Gadolinium	160-1	56858	56381	56507	56582	0.44	cps
Gadolinium	160-2	19154	19445	18620	19073	2.19	cps
Holmium	165-1	12040024	12012763	12212247	12088344	0.89	cps
Holmium	165-2	3220111	3227152	3288672	3245311	1.16	cps
Indium	115-1	10891947	10854137	10784973	10843686	0.50	cps
Indium	115-2	542221	545812	549811	545948	0.70	cps
Iron	56-2	17270265	17312737	17419310	17334104	0.44	cps
Iron	57-2	431227	430517	427151	429632	0.51	cps
Krypton	83-1	567	453	617	546	15.34	cps
Lead	206-1	77922	79487	78984	78797	1.01	cps
Lead	207-1	62471	63771	64625	63622	1.71	cps
Lead	208-1	299995	303697	304733	302808	0.82	cps
Lithium	6-1	2050586	2076048	2103672	2076768	1.28	cps
Magnesium	24-2	770577	770004	774331	771637	0.30	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:46:46	DataFile Name :	052SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	508189	512600	507702	509497	0.53	cps
Molybdenum	94-1	43780	45376	46489	45215	3.01	cps
Molybdenum	95-1	3067	3834	4834	3912	22.65	cps
Molybdenum	96-1	10963	11831	12506	11767	6.57	cps
Molybdenum	97-1	2384	2325	2909	2539	12.66	cps
Molybdenum	98-1	5168	6427	7169	6255	16.17	cps
Neodymium	150-1	102996	103842	105576	104138	1.26	cps
Neodymium	150-2	17141	17151	17211	17168	0.22	cps
Nickel	60-2	28008	27781	28523	28104	1.35	cps
Phosphorus	31-2	708	783	717	736	5.59	cps
Potassium	39-2	109500	106569	105368	107145	1.98	cps
Rhodium	103-1	10289964	10238772	10512092	10346943	1.40	cps
Rhodium	103-2	3089367	3156237	3125873	3123826	1.07	cps
Scandium	45-1	7616557	7556346	7725087	7632663	1.12	cps
Scandium	45-2	62150	62910	62532	62531	0.61	cps
Selenium	77-2	67	103	110	93	25.00	cps
Selenium	78-2	48	56	44	49	11.46	cps
Selenium	82-1	65	212	10	96	108.56	cps
Silicon	28-1	5241683	5576426	5749629	5522579	4.68	cps
Silver	109-1	592	642	667	633	6.03	cps
Silver	107-1	883	733	617	745	17.96	cps
Sodium	23-2	61301	60572	61322	61065	0.70	cps
Strontium	86-1	196236	199708	199785	198577	1.02	cps
Strontium	88-1	1769634	1723080	1751204	1747973	1.34	cps
Sulfur	34-1	485864	485135	490125	487041	0.55	cps
Terbium	159-1	12464346	12564574	12531609	12520176	0.41	cps
Terbium	159-2	3166034	3149793	3180874	3165567	0.49	cps
Thallium	203-1	2734	2350	2675	2586	7.99	cps
Thallium	205-1	6243	6302	5785	6110	4.63	cps
Tin	118-1	3176	3092	3092	3120	1.54	cps
Titanium	47-1	314135	323513	315287	317645	1.61	cps
Uranium	238-1	38427	38587	38319	38444	0.35	cps
Vanadium	51-2	21844	21303	21550	21566	1.26	cps
Yttrium	89-1	13110648	12859267	12857352	12942422	1.13	cps
Yttrium	89-2	437939	439717	443353	440336	0.63	cps
Zinc	66-2	10998	10981	10631	10870	1.91	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(50-52)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:46:46	DataFile Name :	052SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	121241	119195	119782	120073	0.88	cps
Zirconium	91-1	25617	26077	27212	26302	3.12	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:50:04	DataFile Name :	053SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379584	376829	376025	377479	0.49	cps
Antimony	121-1	3309	4193	4951	4151	19.80	cps
Arsenic	75-2	2013	2004	2080	2032	2.04	cps
Barium	135-1	1152573	1155066	1148710	1152117	0.28	cps
Barium	137-1	2021945	2056285	2025049	2034426	0.93	cps
Beryllium	9-1	4756	4595	4701	4684	1.75	cps
Bismuth	209-1	6910426	7033826	6763155	6902469	1.96	cps
Bismuth	209-2	2429363	2443672	2452096	2441711	0.47	cps
Boron	10-1	6243	6735	7094	6691	6.38	cps
Boron	11-1	29983	30601	31052	30545	1.76	cps
Cadmium	111-1	3531	3653	3252	3479	5.91	cps
Cadmium	106-1	4092	4151	3801	4015	4.67	cps
Cadmium	108-1	500	450	458	469	5.71	cps
Calcium	43-1	3659758	3684778	3656243	3666926	0.42	cps
Calcium	44-1	58898095	59480326	59699808	59359410	0.70	cps
Chromium	52-2	88675	86951	88578	88068	1.10	cps
Cobalt	59-2	106846	106493	106856	106731	0.19	cps
Copper	63-2	230428	229134	230142	229902	0.30	cps
Dysprosium	156-1	121487	122496	121529	121837	0.47	cps
Dysprosium	156-2	34155	34856	34516	34509	1.02	cps
Erbium	164-1	104097	104343	106695	105045	1.37	cps
Erbium	164-2	25482	25605	25552	25546	0.24	cps
Gadolinium	160-1	122465	122572	122952	122663	0.21	cps
Gadolinium	160-2	41931	41800	41616	41782	0.38	cps
Holmium	165-1	12355624	12339729	12036934	12244096	1.47	cps
Holmium	165-2	3323617	3315360	3312994	3317324	0.17	cps
Indium	115-1	11232564	11156096	10767052	11051904	2.26	cps
Indium	115-2	545350	550082	551448	548960	0.58	cps
Iron	56-2	66760492	67407799	66923825	67030705	0.50	cps
Iron	57-2	1706752	1703612	1715513	1708626	0.36	cps
Krypton	83-1	570	667	697	644	10.27	cps
Lead	206-1	251696	256206	257233	255045	1.15	cps
Lead	207-1	205745	211287	213039	210024	1.81	cps
Lead	208-1	976862	996608	999403	990957	1.24	cps
Lithium	6-1	2112975	2091714	2014668	2073119	2.49	cps
Magnesium	24-2	2092974	2110487	2112132	2105198	0.50	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:50:04	DataFile Name :	053SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	845133	846529	845612	845758	0.08	cps
Molybdenum	94-1	174003	175403	176915	175440	0.83	cps
Molybdenum	95-1	7369	7878	8186	7811	5.28	cps
Molybdenum	96-1	36717	36842	38163	37241	2.15	cps
Molybdenum	97-1	4693	4426	5343	4821	9.79	cps
Molybdenum	98-1	11881	12515	12990	12462	4.47	cps
Neodymium	150-1	179439	177432	181093	179321	1.02	cps
Neodymium	150-2	29253	29183	28578	29004	1.28	cps
Nickel	60-2	74210	74639	75085	74645	0.59	cps
Phosphorus	31-2	1884	1684	1759	1775	5.69	cps
Potassium	39-2	286013	282126	277981	282040	1.42	cps
Rhodium	103-1	10430975	10525701	9950506	10302394	2.99	cps
Rhodium	103-2	3055626	3110692	3107046	3091121	1.00	cps
Scandium	45-1	7892293	7904632	7553504	7783476	2.56	cps
Scandium	45-2	64852	64815	64531	64733	0.27	cps
Selenium	77-2	130	227	127	161	35.25	cps
Selenium	78-2	81	104	111	99	15.61	cps
Selenium	82-1	341	258	254	284	17.30	cps
Silicon	28-1	11462010	12641463	15828628	13310700	16.97	cps
Silver	109-1	1842	1842	1767	1817	2.38	cps
Silver	107-1	2234	2100	2250	2195	3.75	cps
Sodium	23-2	125728	129417	122171	125772	2.88	cps
Strontium	86-1	1049751	1046499	1055498	1050583	0.43	cps
Strontium	88-1	9110034	9101288	9037164	9082829	0.44	cps
Sulfur	34-1	837850	837207	837262	837440	0.04	cps
Terbium	159-1	12941699	13096944	12450281	12829641	2.63	cps
Terbium	159-2	3230018	3258442	3252973	3247144	0.46	cps
Thallium	203-1	5735	5276	6218	5743	8.20	cps
Thallium	205-1	13107	13766	13841	13572	2.98	cps
Tin	118-1	4718	5101	4818	4879	4.08	cps
Titanium	47-1	1065023	1036536	1026059	1042539	1.93	cps
Uranium	238-1	101775	102168	103463	102469	0.86	cps
Vanadium	51-2	75874	75971	76196	76014	0.22	cps
Yttrium	89-1	14153704	14228224	13714966	14032298	1.98	cps
Yttrium	89-2	474387	477867	476465	476240	0.37	cps
Zinc	66-2	42903	42662	43228	42931	0.66	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-05DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(95-97)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:50:04	DataFile Name :	053SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	468969	475912	477240	474040	0.94	cps
Zirconium	91-1	103964	105944	105048	104985	0.94	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:53:21	DataFile Name :	054SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	444848	452426	442904	446726	1.13	cps
Antimony	121-1	2400	2850	3426	2892	17.77	cps
Arsenic	75-2	1646	1582	1600	1609	2.07	cps
Barium	135-1	1429008	1431132	1442489	1434210	0.51	cps
Barium	137-1	2554012	2570771	2569312	2564698	0.36	cps
Beryllium	9-1	7141	7091	7391	7208	2.23	cps
Bismuth	209-1	7185154	7248829	6819155	7084379	3.27	cps
Bismuth	209-2	2438556	2476081	2503681	2472772	1.32	cps
Boron	10-1	7185	6977	7644	7269	4.69	cps
Boron	11-1	33490	33440	36868	34600	5.68	cps
Cadmium	111-1	3058	2933	2827	2939	3.92	cps
Cadmium	106-1	3992	3767	3684	3815	4.18	cps
Cadmium	108-1	488	446	383	439	11.95	cps
Calcium	43-1	2356628	2349212	2377410	2361083	0.62	cps
Calcium	44-1	37354659	37534849	37750775	37546761	0.53	cps
Chromium	52-2	103160	102381	103462	103001	0.54	cps
Cobalt	59-2	112930	112930	113111	112990	0.09	cps
Copper	63-2	163346	165385	164207	164313	0.62	cps
Dysprosium	156-1	134528	133771	136773	135024	1.16	cps
Dysprosium	156-2	35391	36036	35141	35523	1.30	cps
Erbium	164-1	104108	103242	105443	104264	1.06	cps
Erbium	164-2	25118	25161	24493	24924	1.50	cps
Gadolinium	160-1	127973	130564	128774	129104	1.03	cps
Gadolinium	160-2	42235	42743	42258	42412	0.68	cps
Holmium	165-1	12750677	12839052	12121540	12570423	3.11	cps
Holmium	165-2	3362798	3355926	3336516	3351747	0.41	cps
Indium	115-1	11382712	11376701	10613529	11124314	3.98	cps
Indium	115-2	547866	547877	544975	546906	0.31	cps
Iron	56-2	61700182	61636544	61538154	61624960	0.13	cps
Iron	57-2	1578512	1576652	1554738	1569967	0.84	cps
Krypton	83-1	627	687	620	644	5.70	cps
Lead	206-1	326974	327797	341295	332022	2.42	cps
Lead	207-1	274471	273566	278133	275390	0.88	cps
Lead	208-1	1285894	1285399	1309088	1293460	1.05	cps
Lithium	6-1	2082590	2077851	1969236	2043226	3.14	cps
Magnesium	24-2	1928289	1924643	1913095	1922009	0.41	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:53:21	DataFile Name :	054SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	740469	743288	741556	741771	0.19	cps
Molybdenum	94-1	161509	163870	163758	163046	0.82	cps
Molybdenum	95-1	4851	4884	5226	4987	4.16	cps
Molybdenum	96-1	32849	33334	32515	32899	1.25	cps
Molybdenum	97-1	2992	2950	3034	2992	1.39	cps
Molybdenum	98-1	7002	7602	7611	7405	4.71	cps
Neodymium	150-1	217190	216866	216885	216980	0.08	cps
Neodymium	150-2	34489	35973	34535	34999	2.41	cps
Nickel	60-2	78661	78165	78906	78577	0.48	cps
Phosphorus	31-2	1325	1408	1250	1328	5.97	cps
Potassium	39-2	458074	463981	463543	461866	0.71	cps
Rhodium	103-1	10725835	10659949	10050130	10478638	3.56	cps
Rhodium	103-2	3088519	3089409	3093376	3090435	0.08	cps
Scandium	45-1	7851253	7875417	7508600	7745090	2.65	cps
Scandium	45-2	64651	65087	64065	64601	0.79	cps
Selenium	77-2	193	160	160	171	11.25	cps
Selenium	78-2	93	85	106	94	10.92	cps
Selenium	82-1	173	150	216	180	18.46	cps
Silicon	28-1	13469096	15403579	15047398	14640024	7.03	cps
Silver	109-1	1300	1200	1458	1320	9.87	cps
Silver	107-1	1600	1525	1575	1567	2.44	cps
Sodium	23-2	116764	115661	114951	115792	0.79	cps
Strontium	86-1	704922	717193	719257	713790	1.09	cps
Strontium	88-1	6118244	6198026	6251570	6189280	1.08	cps
Sulfur	34-1	620740	616460	616069	617756	0.42	cps
Terbium	159-1	13382067	13279999	12420785	13027617	4.05	cps
Terbium	159-2	3239244	3240989	3247770	3242668	0.14	cps
Thallium	203-1	8478	8186	8670	8445	2.88	cps
Thallium	205-1	18857	19666	20134	19552	3.30	cps
Tin	118-1	4334	4393	4718	4482	4.61	cps
Titanium	47-1	1165628	1191681	1244153	1200487	3.33	cps
Uranium	238-1	93779	93837	97523	95046	2.26	cps
Vanadium	51-2	91758	91708	90232	91232	0.95	cps
Yttrium	89-1	14126181	14231786	13348168	13902045	3.47	cps
Yttrium	89-2	464680	471481	466639	467600	0.75	cps
Zinc	66-2	37424	37788	37872	37695	0.63	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-06DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(70-72)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:53:21	DataFile Name :	054SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	444426	449599	452980	449002	0.96	cps
Zirconium	91-1	98992	98900	99638	99177	0.41	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:56:38	DataFile Name :	055SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151907	150904	151063	151291	0.36	cps
Antimony	121-1	1525	2167	2475	2056	23.58	cps
Arsenic	75-2	543	543	587	557	4.60	cps
Barium	135-1	1464697	1453314	1454360	1457457	0.43	cps
Barium	137-1	2594527	2588266	2571485	2584759	0.46	cps
Beryllium	9-1	2550	2634	2478	2554	3.05	cps
Bismuth	209-1	6785478	7318812	7413403	7172564	4.72	cps
Bismuth	209-2	2521701	2493625	2477859	2497728	0.89	cps
Boron	10-1	3075	2975	3159	3070	2.99	cps
Boron	11-1	14433	14683	15159	14758	2.50	cps
Cadmium	111-1	2120	2342	2619	2361	10.60	cps
Cadmium	106-1	2650	3042	3442	3045	13.00	cps
Cadmium	108-1	146	154	129	143	8.90	cps
Calcium	43-1	1768748	1780948	1792816	1780837	0.68	cps
Calcium	44-1	28421180	28679040	28800150	28633457	0.68	cps
Chromium	52-2	39108	39981	40552	39880	1.82	cps
Cobalt	59-2	44889	46140	44829	45286	1.63	cps
Copper	63-2	87202	87617	88174	87664	0.56	cps
Dysprosium	156-1	66244	68070	66587	66967	1.45	cps
Dysprosium	156-2	17459	17629	17846	17644	1.10	cps
Erbium	164-1	52683	54381	53422	53496	1.59	cps
Erbium	164-2	12923	12903	12766	12864	0.66	cps
Gadolinium	160-1	64427	65599	63204	64410	1.86	cps
Gadolinium	160-2	21278	20790	20950	21006	1.18	cps
Holmium	165-1	11752086	12846693	12843581	12480787	5.06	cps
Holmium	165-2	3335761	3318401	3305638	3319933	0.46	cps
Indium	115-1	10712791	11438095	11464922	11205269	3.81	cps
Indium	115-2	549235	552391	549532	550386	0.32	cps
Iron	56-2	23411787	23551254	23850285	23604442	0.95	cps
Iron	57-2	588202	592926	590743	590623	0.40	cps
Krypton	83-1	590	597	510	566	8.53	cps
Lead	206-1	100613	100450	99638	100234	0.52	cps
Lead	207-1	82153	82562	81348	82021	0.75	cps
Lead	208-1	390034	388351	388870	389085	0.22	cps
Lithium	6-1	1958232	2081323	2127548	2055701	4.26	cps
Magnesium	24-2	1082613	1112233	1090637	1095161	1.40	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:56:38	DataFile Name :	055SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	571594	570670	576025	572763	0.50	cps
Molybdenum	94-1	59004	57196	57180	57793	1.81	cps
Molybdenum	95-1	1884	2175	2500	2186	14.11	cps
Molybdenum	96-1	12048	12023	12757	12276	3.39	cps
Molybdenum	97-1	1392	1375	1583	1450	7.98	cps
Molybdenum	98-1	3159	3667	4092	3640	12.84	cps
Neodymium	150-1	109856	112089	111020	110988	1.01	cps
Neodymium	150-2	17909	17756	17602	17756	0.86	cps
Nickel	60-2	35408	34877	35215	35167	0.76	cps
Phosphorus	31-2	1150	1117	983	1083	8.14	cps
Potassium	39-2	135489	134941	134841	135090	0.26	cps
Rhodium	103-1	10058504	10640020	10857049	10518524	3.93	cps
Rhodium	103-2	3134011	3166572	3118604	3139729	0.78	cps
Scandium	45-1	7237967	7726454	7715396	7559939	3.69	cps
Scandium	45-2	63419	63513	63376	63436	0.11	cps
Selenium	77-2	73	123	83	93	28.35	cps
Selenium	78-2	50	44	61	52	16.36	cps
Selenium	82-1	100	100	210	137	46.48	cps
Silicon	28-1	4816287	5090532	4985590	4964136	2.79	cps
Silver	109-1	650	650	817	706	13.64	cps
Silver	107-1	1017	892	958	956	6.55	cps
Sodium	23-2	59543	59483	61924	60317	2.31	cps
Strontium	86-1	319496	318892	320342	319577	0.23	cps
Strontium	88-1	2824438	2838876	2806593	2823302	0.57	cps
Sulfur	34-1	504784	507072	506266	506041	0.23	cps
Terbium	159-1	12486451	13354069	13345357	13061959	3.82	cps
Terbium	159-2	3268002	3266301	3239322	3257875	0.49	cps
Thallium	203-1	2559	2909	2925	2798	7.40	cps
Thallium	205-1	7077	6902	6577	6852	3.71	cps
Tin	118-1	2534	2542	2717	2598	3.99	cps
Titanium	47-1	535339	535166	523383	531296	1.29	cps
Uranium	238-1	45168	46806	46405	46126	1.85	cps
Vanadium	51-2	33136	33387	33677	33400	0.81	cps
Yttrium	89-1	12662504	13427054	13500195	13196585	3.52	cps
Yttrium	89-2	442944	446696	442244	443961	0.54	cps
Zinc	66-2	14481	14228	14611	14440	1.35	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-07DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(60-62)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:56:38	DataFile Name :	055SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	160791	159199	154770	158253	1.97	cps
Zirconium	91-1	35272	34687	34587	34849	1.06	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:59:56	DataFile Name :	056SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275624	280511	277128	277754	0.90	cps
Antimony	121-1	1834	2075	2475	2128	15.23	cps
Arsenic	75-2	1609	1658	1554	1607	3.23	cps
Barium	135-1	1330843	1326291	1332418	1329850	0.24	cps
Barium	137-1	2360089	2339690	2365167	2354982	0.57	cps
Beryllium	9-1	3962	4284	4273	4173	4.39	cps
Bismuth	209-1	7263561	7275128	7313849	7284179	0.36	cps
Bismuth	209-2	2448681	2447283	2460386	2452117	0.29	cps
Boron	10-1	5168	5468	5218	5285	3.04	cps
Boron	11-1	25182	25164	25841	25396	1.52	cps
Cadmium	111-1	3070	3196	3254	3173	2.96	cps
Cadmium	106-1	3617	3876	3851	3781	3.77	cps
Cadmium	108-1	321	317	333	324	2.68	cps
Calcium	43-1	3028418	3069787	2994945	3031050	1.24	cps
Calcium	44-1	48783695	48845792	48347557	48659015	0.56	cps
Chromium	52-2	65697	65938	65225	65620	0.55	cps
Cobalt	59-2	83190	82466	83281	82979	0.54	cps
Copper	63-2	195366	197903	197029	196766	0.65	cps
Dysprosium	156-1	114877	114735	116635	115416	0.92	cps
Dysprosium	156-2	30456	30713	30773	30647	0.55	cps
Erbium	164-1	96348	98152	99429	97977	1.58	cps
Erbium	164-2	23264	23244	23525	23344	0.67	cps
Gadolinium	160-1	112676	115013	116106	114599	1.53	cps
Gadolinium	160-2	37621	37500	37825	37649	0.44	cps
Holmium	165-1	12833062	12841361	12964170	12879531	0.57	cps
Holmium	165-2	3289539	3350170	3311270	3316993	0.93	cps
Indium	115-1	11199224	11384480	11474469	11352724	1.24	cps
Indium	115-2	539894	542712	542937	541848	0.31	cps
Iron	56-2	47265696	47161143	47560093	47328977	0.44	cps
Iron	57-2	1181150	1185291	1178516	1181652	0.29	cps
Krypton	83-1	570	580	617	589	4.17	cps
Lead	206-1	208063	209301	209656	209006	0.40	cps
Lead	207-1	171991	173258	171732	172327	0.47	cps
Lead	208-1	809037	810177	810969	810061	0.12	cps
Lithium	6-1	2047734	2077474	2119466	2081558	1.73	cps
Magnesium	24-2	1813683	1800205	1806320	1806736	0.37	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:59:56	DataFile Name :	056SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	685628	688417	689185	687743	0.27	cps
Molybdenum	94-1	127806	132249	131567	130540	1.83	cps
Molybdenum	95-1	5360	5251	5918	5510	6.50	cps
Molybdenum	96-1	27829	27687	28564	28027	1.68	cps
Molybdenum	97-1	3617	3826	3751	3731	2.83	cps
Molybdenum	98-1	8653	9229	9195	9026	3.58	cps
Neodymium	150-1	173306	172292	172870	172823	0.29	cps
Neodymium	150-2	28064	27141	27426	27544	1.71	cps
Nickel	60-2	60996	61103	61860	61320	0.77	cps
Phosphorus	31-2	2025	1900	1800	1909	5.91	cps
Potassium	39-2	244659	249762	245423	246615	1.12	cps
Rhodium	103-1	10588132	10472687	10664457	10575092	0.91	cps
Rhodium	103-2	3095832	3088209	3103841	3095960	0.25	cps
Scandium	45-1	7737182	7783122	7836105	7785470	0.64	cps
Scandium	45-2	64005	64009	62823	63612	1.07	cps
Selenium	77-2	153	173	200	176	13.34	cps
Selenium	78-2	89	57	63	70	24.09	cps
Selenium	82-1	240	262	260	254	4.81	cps
Silicon	28-1	8227498	8158295	9302946	8562913	7.50	cps
Silver	109-1	1125	1317	1225	1222	7.84	cps
Silver	107-1	1500	1433	1408	1447	3.27	cps
Sodium	23-2	100096	100065	100650	100270	0.33	cps
Strontium	86-1	794423	786030	789267	789907	0.54	cps
Strontium	88-1	6852924	6811895	6865025	6843281	0.41	cps
Sulfur	34-1	722276	726405	725260	724647	0.29	cps
Terbium	159-1	13330322	13378069	13606018	13438136	1.10	cps
Terbium	159-2	3237065	3234953	3243557	3238525	0.14	cps
Thallium	203-1	5260	5376	5477	5371	2.02	cps
Thallium	205-1	13016	13307	12398	12907	3.60	cps
Tin	118-1	3442	3692	3601	3578	3.54	cps
Titanium	47-1	891184	901933	883896	892338	1.02	cps
Uranium	238-1	134481	135989	138000	136156	1.30	cps
Vanadium	51-2	62023	61976	60634	61545	1.28	cps
Yttrium	89-1	13813318	14045014	14063914	13974082	1.00	cps
Yttrium	89-2	456902	463699	462386	460995	0.78	cps
Zinc	66-2	31132	30500	30460	30697	1.23	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-08DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(80-82)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 18:59:56	DataFile Name :	056SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	355806	352731	357206	355248	0.64	cps
Zirconium	91-1	77210	79171	77639	78007	1.32	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:03:13	DataFile Name :	057SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597249	603036	593677	597987	0.79	cps
Antimony	121-1	1450	1967	1834	1750	15.33	cps
Arsenic	75-2	2784	2860	2652	2765	3.80	cps
Barium	135-1	1530218	1564422	1576421	1557020	1.54	cps
Barium	137-1	2732346	2743126	2730421	2735298	0.25	cps
Beryllium	9-1	6752	6385	6702	6613	3.01	cps
Bismuth	209-1	7327879	7318336	7353642	7333286	0.25	cps
Bismuth	209-2	2486220	2197911	2498760	2394297	7.11	cps
Boron	10-1	9037	8970	7861	8622	7.66	cps
Boron	11-1	37910	39012	39623	38848	2.23	cps
Cadmium	111-1	3942	4078	3927	3982	2.10	cps
Cadmium	106-1	4826	5143	4759	4909	4.17	cps
Cadmium	108-1	754	692	858	768	10.96	cps
Calcium	43-1	3394908	3383953	3354542	3377801	0.62	cps
Calcium	44-1	53975227	54337453	53872615	54061765	0.45	cps
Chromium	52-2	126674	125957	125257	125963	0.56	cps
Cobalt	59-2	150482	149835	149677	149998	0.28	cps
Copper	63-2	291913	292165	290100	291393	0.39	cps
Dysprosium	156-1	159540	157667	160359	159189	0.87	cps
Dysprosium	156-2	42633	42967	43506	43035	1.02	cps
Erbium	164-1	131645	133571	134551	133255	1.11	cps
Erbium	164-2	31224	32290	32658	32057	2.32	cps
Gadolinium	160-1	157482	156531	160176	158063	1.20	cps
Gadolinium	160-2	51652	51745	52335	51911	0.71	cps
Holmium	165-1	13030405	12983300	12986412	13000039	0.20	cps
Holmium	165-2	3390004	3042433	3385610	3272682	6.09	cps
Indium	115-1	11420190	11424963	11351315	11398823	0.36	cps
Indium	115-2	546586	490083	549659	528776	6.34	cps
Iron	56-2	104971136	105589383	103716583	104759034	0.91	cps
Iron	57-2	2699639	2720488	2680443	2700190	0.74	cps
Krypton	83-1	597	630	690	639	7.40	cps
Lead	206-1	367744	374755	378224	373574	1.43	cps
Lead	207-1	308490	306499	309625	308204	0.51	cps
Lead	208-1	1430087	1443609	1459857	1444518	1.03	cps
Lithium	6-1	2125547	2106773	2115220	2115847	0.44	cps
Magnesium	24-2	2344957	2335283	2335171	2338470	0.24	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:03:13	DataFile Name :	057SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1004695	1014180	1003166	1007347	0.59	cps
Molybdenum	94-1	335161	340825	336778	337588	0.86	cps
Molybdenum	95-1	8044	8445	8094	8195	2.66	cps
Molybdenum	96-1	63182	66639	65124	64982	2.67	cps
Molybdenum	97-1	4759	5035	5085	4959	3.53	cps
Molybdenum	98-1	12948	13257	12673	12960	2.25	cps
Neodymium	150-1	236115	236320	240106	237514	0.95	cps
Neodymium	150-2	37326	37711	37076	37371	0.86	cps
Nickel	60-2	99919	99073	99643	99545	0.43	cps
Phosphorus	31-2	1358	1625	1809	1597	14.17	cps
Potassium	39-2	348049	351740	348529	349439	0.57	cps
Rhodium	103-1	10840417	10769243	10602531	10737397	1.14	cps
Rhodium	103-2	3117296	2768246	3118647	3001396	6.73	cps
Scandium	45-1	8009620	8050222	7970326	8010056	0.50	cps
Scandium	45-2	64691	58929	65049	62890	5.46	cps
Selenium	77-2	203	233	200	212	8.65	cps
Selenium	78-2	124	111	148	128	14.71	cps
Selenium	82-1	442	365	258	355	25.96	cps
Silicon	28-1	19579706	16075328	19614429	18423154	11.04	cps
Silver	109-1	2259	2217	2592	2356	8.73	cps
Silver	107-1	2875	2800	3376	3017	10.36	cps
Sodium	23-2	129269	127670	128502	128480	0.62	cps
Strontium	86-1	1121150	1117369	1134053	1124191	0.78	cps
Strontium	88-1	9660132	9663175	9758715	9694007	0.58	cps
Sulfur	34-1	757689	755102	758252	757014	0.22	cps
Terbium	159-1	13758057	13603694	13594530	13652093	0.67	cps
Terbium	159-2	3306863	2912878	3301772	3173838	7.12	cps
Thallium	203-1	6744	6460	6911	6705	3.40	cps
Thallium	205-1	15160	15335	15085	15193	0.85	cps
Tin	118-1	4443	4759	4751	4651	3.88	cps
Titanium	47-1	1293275	1314681	1307712	1305223	0.84	cps
Uranium	238-1	95768	94753	97540	96020	1.47	cps
Vanadium	51-2	101699	101763	101505	101656	0.13	cps
Yttrium	89-1	14738089	14773559	14623506	14711718	0.53	cps
Yttrium	89-2	485865	440140	482570	469525	5.43	cps
Zinc	66-2	57271	58027	57208	57502	0.79	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-09DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:03:13	DataFile Name :	057SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	911011	916759	922890	916887	0.65	cps
Zirconium	91-1	201117	202233	202014	201788	0.29	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:06:29	DataFile Name :	058SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	348926	346035	348376	347779	0.44	cps
Antimony	121-1	1217	1375	1467	1353	9.35	cps
Arsenic	75-2	1948	1932	1982	1954	1.30	cps
Barium	135-1	1025397	1028271	1023402	1025690	0.24	cps
Barium	137-1	1802501	1815469	1793514	1803828	0.61	cps
Beryllium	9-1	4434	4562	4890	4629	5.08	cps
Bismuth	209-1	7242927	7308102	7408060	7319696	1.14	cps
Bismuth	209-2	2339305	2474079	2486748	2433377	3.36	cps
Boron	10-1	5160	5601	5435	5398	4.13	cps
Boron	11-1	24296	25449	25490	25078	2.70	cps
Cadmium	111-1	3221	3403	3516	3380	4.41	cps
Cadmium	106-1	3876	4092	4201	4056	4.08	cps
Cadmium	108-1	388	433	404	408	5.68	cps
Calcium	43-1	3558109	3599158	3593158	3583475	0.62	cps
Calcium	44-1	57316305	57623889	57838249	57592814	0.46	cps
Chromium	52-2	82330	81941	82773	82348	0.51	cps
Cobalt	59-2	103702	102365	103853	103307	0.79	cps
Copper	63-2	223789	223566	223701	223685	0.05	cps
Dysprosium	156-1	119107	123711	119646	120821	2.08	cps
Dysprosium	156-2	33349	32858	32818	33008	0.90	cps
Erbium	164-1	101444	102990	103636	102690	1.10	cps
Erbium	164-2	24473	24199	25235	24636	2.18	cps
Gadolinium	160-1	120075	119293	120429	119932	0.48	cps
Gadolinium	160-2	39506	39744	39393	39548	0.45	cps
Holmium	165-1	12863871	13059618	12883346	12935611	0.83	cps
Holmium	165-2	3151623	3348615	3369141	3289793	3.65	cps
Indium	115-1	11469629	11553930	11606731	11543430	0.60	cps
Indium	115-2	525594	548277	547772	540548	2.40	cps
Iron	56-2	60973937	60716946	60875903	60855595	0.21	cps
Iron	57-2	1571198	1541268	1546584	1553017	1.03	cps
Krypton	83-1	610	707	603	640	9.04	cps
Lead	206-1	250137	251108	256139	252461	1.28	cps
Lead	207-1	208556	208210	211812	209526	0.95	cps
Lead	208-1	969698	973646	990267	977870	1.12	cps
Lithium	6-1	2083190	2119165	2116556	2106304	0.95	cps
Magnesium	24-2	2062688	2052450	2056683	2057274	0.25	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:06:29	DataFile Name :	058SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	804896	799746	800796	801813	0.34	cps
Molybdenum	94-1	158887	173686	161756	164776	4.76	cps
Molybdenum	95-1	5426	5710	5802	5646	3.46	cps
Molybdenum	96-1	33609	32966	32415	32997	1.81	cps
Molybdenum	97-1	3459	3642	3751	3617	4.08	cps
Molybdenum	98-1	8636	8770	9329	8912	4.12	cps
Neodymium	150-1	172346	174189	173606	173380	0.54	cps
Neodymium	150-2	27235	26473	27409	27039	1.84	cps
Nickel	60-2	74766	73479	74511	74252	0.92	cps
Phosphorus	31-2	2159	1842	1884	1961	8.77	cps
Potassium	39-2	279443	276861	278385	278230	0.47	cps
Rhodium	103-1	10707949	10806468	10819909	10778109	0.57	cps
Rhodium	103-2	2994781	3139340	3090492	3074871	2.39	cps
Scandium	45-1	7877044	8044048	7962861	7961318	1.05	cps
Scandium	45-2	61659	64748	65080	63829	2.96	cps
Selenium	77-2	130	130	200	153	26.36	cps
Selenium	78-2	100	109	83	98	13.47	cps
Selenium	82-1	276	160	271	236	27.85	cps
Silicon	28-1	8617666	10900805	8839109	9452527	13.32	cps
Silver	109-1	2325	2267	2175	2256	3.35	cps
Silver	107-1	2775	2509	2734	2673	5.37	cps
Sodium	23-2	102971	104406	101553	102977	1.38	cps
Strontium	86-1	993737	992927	1007396	998020	0.81	cps
Strontium	88-1	8637118	8742674	8656675	8678822	0.65	cps
Sulfur	34-1	814530	810395	820293	815073	0.61	cps
Terbium	159-1	13535836	13530262	13516814	13527637	0.07	cps
Terbium	159-2	3117375	3261498	3244335	3207736	2.45	cps
Thallium	203-1	5652	5960	6102	5904	3.90	cps
Thallium	205-1	14350	14667	14192	14403	1.68	cps
Tin	118-1	3626	3859	3934	3806	4.23	cps
Titanium	47-1	945394	956064	988464	963307	2.33	cps
Uranium	238-1	149071	146743	151827	149214	1.71	cps
Vanadium	51-2	73311	71984	72577	72624	0.92	cps
Yttrium	89-1	14183280	14270400	14377939	14277206	0.68	cps
Yttrium	89-2	454577	473464	473560	467201	2.34	cps
Zinc	66-2	38965	39346	39597	39302	0.81	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:06:29	DataFile Name :	058SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	445578	441596	448961	445379	0.83	cps
Zirconium	91-1	95861	96828	97255	96648	0.74	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : J2730-10DUPDLX2 Instrumnet Name : P8
 Client Sample ID : EPE-F-6A(90-92)DUPDL Dilution Factor : 2
 Date & Time Acquired :: 2018-05-04 19:09:45 DataFile Name : 059SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338984	338042	333296	336774	0.91	cps
Antimony	121-1	1017	1200	1358	1192	14.35	cps
Arsenic	75-2	1815	1930	1898	1881	3.15	cps
Barium	135-1	1028169	1026569	1029757	1028165	0.16	cps
Barium	137-1	1804807	1816171	1798115	1806364	0.51	cps
Beryllium	9-1	4879	4445	4345	4556	6.22	cps
Bismuth	209-1	7286242	7125667	7197411	7203107	1.12	cps
Bismuth	209-2	2459124	2459393	2461481	2459999	0.05	cps
Boron	10-1	4959	5293	5726	5326	7.22	cps
Boron	11-1	24179	25423	26086	25230	3.84	cps
Cadmium	111-1	3233	3226	3475	3311	4.29	cps
Cadmium	106-1	3792	3876	3967	3879	2.26	cps
Cadmium	108-1	329	375	408	371	10.72	cps
Calcium	43-1	3490784	3473272	3521198	3495085	0.69	cps
Calcium	44-1	55861314	56426230	56490164	56259236	0.62	cps
Chromium	52-2	80168	80161	78576	79635	1.15	cps
Cobalt	59-2	100405	100455	99327	100063	0.64	cps
Copper	63-2	217568	218247	216675	217497	0.36	cps
Dysprosium	156-1	118702	115659	117551	117304	1.31	cps
Dysprosium	156-2	32714	31866	31865	32148	1.52	cps
Erbium	164-1	99505	102989	99581	100691	1.98	cps
Erbium	164-2	23879	24082	23662	23874	0.88	cps
Gadolinium	160-1	118074	114796	115517	116129	1.48	cps
Gadolinium	160-2	37748	37922	37851	37840	0.23	cps
Holmium	165-1	12831512	12715440	12958493	12835148	0.95	cps
Holmium	165-2	3272765	3387537	3323223	3327842	1.73	cps
Indium	115-1	11431225	11368479	11367453	11389052	0.32	cps
Indium	115-2	545509	544433	542778	544240	0.25	cps
Iron	56-2	59098415	59049829	57971021	58706422	1.09	cps
Iron	57-2	1482466	1493089	1486507	1487354	0.36	cps
Krypton	83-1	557	623	660	613	8.54	cps
Lead	206-1	240562	243190	242532	242095	0.56	cps
Lead	207-1	198309	202493	201537	200780	1.09	cps
Lead	208-1	931882	944622	944814	940440	0.79	cps
Lithium	6-1	2089515	2057620	2064954	2070696	0.81	cps
Magnesium	24-2	2030234	2009249	1989178	2009554	1.02	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:09:45	DataFile Name :	059SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	785462	781135	775510	780702	0.64	cps
Molybdenum	94-1	154587	155145	156509	155414	0.64	cps
Molybdenum	95-1	5751	5535	5443	5576	2.84	cps
Molybdenum	96-1	32482	31321	32290	32031	1.94	cps
Molybdenum	97-1	3367	3676	3417	3487	4.75	cps
Molybdenum	98-1	8903	8995	8812	8903	1.03	cps
Neodymium	150-1	170621	170636	170736	170664	0.04	cps
Neodymium	150-2	26707	27095	26423	26742	1.26	cps
Nickel	60-2	71881	71774	72578	72078	0.61	cps
Phosphorus	31-2	1775	1634	1859	1756	6.48	cps
Potassium	39-2	270564	268346	267264	268725	0.63	cps
Rhodium	103-1	10725614	10651280	10697606	10691500	0.35	cps
Rhodium	103-2	3087576	3046620	3118207	3084134	1.16	cps
Scandium	45-1	7795445	7813249	7939162	7849285	1.00	cps
Scandium	45-2	64347	64042	63486	63958	0.68	cps
Selenium	77-2	143	163	157	154	6.59	cps
Selenium	78-2	93	74	80	82	11.57	cps
Selenium	82-1	295	222	141	220	35.07	cps
Silicon	28-1	8220125	12051216	8730207	9667183	21.52	cps
Silver	109-1	2092	2267	1967	2109	7.15	cps
Silver	107-1	2609	2575	2725	2637	2.99	cps
Sodium	23-2	103909	100186	100001	101365	2.17	cps
Strontium	86-1	966668	975035	982402	974701	0.81	cps
Strontium	88-1	8447438	8398337	8435719	8427165	0.30	cps
Sulfur	34-1	795912	799347	796661	797307	0.23	cps
Terbium	159-1	13386098	13303635	13428106	13372613	0.47	cps
Terbium	159-2	3216023	3264578	3206830	3229143	0.96	cps
Thallium	203-1	5151	6010	5802	5654	7.92	cps
Thallium	205-1	13416	13558	13833	13602	1.56	cps
Tin	118-1	4126	3851	4126	4034	3.94	cps
Titanium	47-1	923387	957426	929018	936610	1.95	cps
Uranium	238-1	144279	140481	141229	141996	1.42	cps
Vanadium	51-2	69515	69635	69143	69431	0.37	cps
Yttrium	89-1	14189927	14261580	14204294	14218600	0.27	cps
Yttrium	89-2	468201	464594	468122	466972	0.44	cps
Zinc	66-2	38046	38347	38543	38312	0.65	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:09:45	DataFile Name :	059SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	434795	427727	429430	430651	0.86	cps
Zirconium	91-1	93957	100643	98681	97760	3.52	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 19:13:01	DataFile Name :	060SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71421	69286	69546	70085	1.66	cps
Antimony	121-1	592	883	883	786	21.42	cps
Arsenic	75-2	369	389	387	381	2.95	cps
Barium	135-1	202443	200845	205806	203031	1.25	cps
Barium	137-1	344778	347006	350967	347584	0.90	cps
Beryllium	9-1	1000	1122	1122	1082	6.52	cps
Bismuth	209-1	7432180	7519917	7437535	7463211	0.66	cps
Bismuth	209-2	2538146	2520701	2522534	2527127	0.38	cps
Boron	10-1	1842	1734	1642	1739	5.76	cps
Boron	11-1	8328	7844	8269	8147	3.24	cps
Cadmium	111-1	2103	2062	2230	2131	4.10	cps
Cadmium	106-1	2809	2775	3067	2884	5.54	cps
Cadmium	108-1	67	92	108	89	23.59	cps
Calcium	43-1	708673	711489	701905	707356	0.70	cps
Calcium	44-1	11669657	11676619	11556019	11634099	0.58	cps
Chromium	52-2	17114	17421	17207	17247	0.91	cps
Cobalt	59-2	21313	20903	21013	21076	1.01	cps
Copper	63-2	46785	46722	46728	46745	0.07	cps
Dysprosium	156-1	23480	24323	23698	23834	1.84	cps
Dysprosium	156-2	6392	6405	6445	6414	0.43	cps
Erbium	164-1	20208	20634	19348	20063	3.26	cps
Erbium	164-2	4684	4818	5024	4842	3.54	cps
Gadolinium	160-1	23731	23330	23998	23687	1.42	cps
Gadolinium	160-2	7822	7672	7852	7782	1.24	cps
Holmium	165-1	12602893	12902688	12696578	12734053	1.20	cps
Holmium	165-2	3367023	3382163	3342656	3363947	0.59	cps
Indium	115-1	11659954	11709017	11530792	11633254	0.79	cps
Indium	115-2	560145	555681	561636	559154	0.55	cps
Iron	56-2	12436054	12240269	12381532	12352618	0.82	cps
Iron	57-2	307841	306788	309821	308150	0.50	cps
Krypton	83-1	517	470	373	453	16.13	cps
Lead	206-1	49491	50339	49703	49844	0.89	cps
Lead	207-1	41507	40872	41647	41342	1.00	cps
Lead	208-1	193342	196030	195519	194964	0.73	cps
Lithium	6-1	2112394	2095813	2115655	2107954	0.50	cps
Magnesium	24-2	404488	403506	400067	402687	0.58	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 19:13:01	DataFile Name :	060SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162604	162415	160998	162006	0.54	cps
Molybdenum	94-1	32316	31947	32289	32184	0.64	cps
Molybdenum	95-1	1358	1308	1450	1372	5.24	cps
Molybdenum	96-1	7327	6927	7161	7138	2.82	cps
Molybdenum	97-1	875	950	858	895	5.46	cps
Molybdenum	98-1	1859	2084	2067	2003	6.26	cps
Neodymium	150-1	33898	34613	34292	34268	1.05	cps
Neodymium	150-2	5411	5468	5234	5371	2.27	cps
Nickel	60-2	15449	15088	15015	15184	1.53	cps
Phosphorus	31-2	442	325	367	378	15.65	cps
Potassium	39-2	58130	59126	56740	57999	2.07	cps
Rhodium	103-1	11071340	11027701	10969188	11022743	0.47	cps
Rhodium	103-2	3226495	3173702	3253899	3218032	1.27	cps
Scandium	45-1	7730072	7732070	7646009	7702717	0.64	cps
Scandium	45-2	63556	62927	62880	63121	0.60	cps
Selenium	77-2	30	30	23	28	13.86	cps
Selenium	78-2	24	11	26	20	39.63	cps
Selenium	82-1	15	93	153	87	79.07	cps
Silicon	28-1	2925725	2140833	1805834	2290797	25.09	cps
Silver	109-1	575	567	517	553	5.71	cps
Silver	107-1	733	700	442	625	25.54	cps
Sodium	23-2	26668	26484	27811	26988	2.66	cps
Strontium	86-1	198845	201307	200813	200322	0.65	cps
Strontium	88-1	1800925	1760159	1777195	1779426	1.15	cps
Sulfur	34-1	558387	559356	557761	558501	0.14	cps
Terbium	159-1	13294901	13653158	13337449	13428503	1.46	cps
Terbium	159-2	3267523	3245314	3296570	3269802	0.79	cps
Thallium	203-1	1458	1308	1425	1397	5.64	cps
Thallium	205-1	3609	2992	3101	3234	10.18	cps
Tin	118-1	1333	1509	1442	1428	6.19	cps
Titanium	47-1	192497	188663	187228	189463	1.44	cps
Uranium	238-1	29703	29528	29645	29625	0.30	cps
Vanadium	51-2	14371	14595	14514	14493	0.78	cps
Yttrium	89-1	13119409	13212204	13125957	13152523	0.39	cps
Yttrium	89-2	437677	431428	435513	434873	0.73	cps
Zinc	66-2	8243	7899	8056	8066	2.13	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-05-04 19:13:01	DataFile Name :	060SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	87045	88059	87967	87690	0.64	cps
Zirconium	91-1	19924	19651	18955	19510	2.56	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:16:21	DataFile Name :	061SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426074	428110	430106	428097	0.47	cps
Antimony	121-1	1068782	1072091	1085734	1075536	0.84	cps
Arsenic	75-2	31092	31113	31287	31164	0.34	cps
Barium	135-1	3608672	3529507	3563830	3567336	1.11	cps
Barium	137-1	6038167	6123188	6097054	6086136	0.72	cps
Beryllium	9-1	372691	374605	372809	373368	0.29	cps
Bismuth	209-1	7119361	7106497	7150395	7125418	0.32	cps
Bismuth	209-2	2450150	2387882	2419957	2419330	1.29	cps
Boron	10-1	43818	43082	44988	43963	2.19	cps
Boron	11-1	202443	218521	214524	211829	3.95	cps
Cadmium	111-1	524268	521912	523557	523245	0.23	cps
Cadmium	106-1	58185	56595	57323	57368	1.39	cps
Cadmium	108-1	37741	37206	38597	37848	1.85	cps
Calcium	43-1	4018806	4079237	4042647	4046897	0.75	cps
Calcium	44-1	65479301	65834101	65599601	65637668	0.27	cps
Chromium	52-2	362039	362349	359874	361420	0.37	cps
Cobalt	59-2	655977	657235	655252	656155	0.15	cps
Copper	63-2	1125691	1135719	1135421	1132277	0.50	cps
Dysprosium	156-1	135718	136322	136389	136143	0.27	cps
Dysprosium	156-2	37627	37400	36394	37140	1.77	cps
Erbium	164-1	109668	111401	109332	110134	1.01	cps
Erbium	164-2	27325	27259	26781	27122	1.09	cps
Gadolinium	160-1	133318	133430	132552	133100	0.36	cps
Gadolinium	160-2	44546	44058	44455	44353	0.59	cps
Holmium	165-1	12511305	12850731	12775829	12712622	1.40	cps
Holmium	165-2	3382693	3327323	3352839	3354285	0.83	cps
Indium	115-1	10997468	11137158	11233317	11122648	1.07	cps
Indium	115-2	538926	540027	542262	540405	0.31	cps
Iron	56-2	71535104	72240293	71770529	71848642	0.50	cps
Iron	57-2	1827899	1826791	1842733	1832474	0.49	cps
Krypton	83-1	643	600	617	620	3.53	cps
Lead	206-1	1517692	1518731	1527742	1521388	0.36	cps
Lead	207-1	1349444	1349020	1358307	1352257	0.39	cps
Lead	208-1	6289444	6202839	6240744	6244343	0.70	cps
Lithium	6-1	2007424	2023589	2051909	2027641	1.11	cps
Magnesium	24-2	3021614	3017055	3001416	3013362	0.35	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:16:21	DataFile Name :	061SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	940876	949656	939694	943408	0.58	cps
Molybdenum	94-1	4396258	4410780	4425420	4410820	0.33	cps
Molybdenum	95-1	4972977	4929491	5013067	4971845	0.84	cps
Molybdenum	96-1	5631311	5627868	5710799	5656659	0.83	cps
Molybdenum	97-1	3173572	3133083	3204230	3170295	1.13	cps
Molybdenum	98-1	7964555	7939137	8075516	7993069	0.91	cps
Neodymium	150-1	210440	210368	213165	211325	0.75	cps
Neodymium	150-2	34422	33637	34512	34190	1.41	cps
Nickel	60-2	239122	238280	235365	237589	0.83	cps
Phosphorus	31-2	1942	1842	1950	1911	3.15	cps
Potassium	39-2	582812	583886	571457	579385	1.19	cps
Rhodium	103-1	10384312	10302109	10491879	10392767	0.92	cps
Rhodium	103-2	3041323	3074710	3117596	3077877	1.24	cps
Scandium	45-1	7691654	7855209	7823336	7790066	1.11	cps
Scandium	45-2	65050	65184	64484	64906	0.57	cps
Selenium	77-2	357	420	380	386	8.31	cps
Selenium	78-2	863	848	800	837	3.93	cps
Selenium	82-1	33707	33492	33539	33579	0.34	cps
Silicon	28-1	18398653	24171666	18589205	20386508	16.09	cps
Silver	109-1	251348	250761	252675	251595	0.39	cps
Silver	107-1	268332	268401	383951	306895	21.74	cps
Sodium	23-2	2381830	2337522	2372514	2363956	0.99	cps
Strontium	86-1	1715965	1698236	1699941	1704714	0.57	cps
Strontium	88-1	14461889	14604213	14543817	14536640	0.49	cps
Sulfur	34-1	799708	800545	802013	800755	0.15	cps
Terbium	159-1	13019216	13431917	13240315	13230483	1.56	cps
Terbium	159-2	3233486	3246503	3226016	3235335	0.32	cps
Thallium	203-1	1575646	1605834	1601083	1594188	1.02	cps
Thallium	205-1	3834178	3884465	3857727	3858790	0.65	cps
Tin	118-1	1646124	1671335	1681785	1666415	1.10	cps
Titanium	47-1	3065614	3026193	3050100	3047302	0.65	cps
Uranium	238-1	4931843	4834812	4945556	4904070	1.23	cps
Vanadium	51-2	275712	278088	275553	276451	0.51	cps
Yttrium	89-1	13973281	14175600	14149487	14099456	0.78	cps
Yttrium	89-2	470150	472409	470730	471096	0.25	cps
Zinc	66-2	117431	117872	118171	117825	0.32	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:16:21	DataFile Name :	061SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4343366	4356117	4355022	4351502	0.16	cps
Zirconium	91-1	937874	946206	941347	941809	0.44	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:19:32	DataFile Name :	062CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425822	420697	430013	425511	1.10	cps
Antimony	121-1	4713613	4653868	4654008	4673830	0.74	cps
Arsenic	75-2	61380	60517	60214	60703	1.00	cps
Barium	135-1	4912281	4855715	4821059	4863018	0.95	cps
Barium	137-1	8467313	8399453	8325699	8397488	0.84	cps
Beryllium	9-1	748616	746616	744664	746632	0.26	cps
Bismuth	209-1	6904607	6578459	6720744	6734603	2.43	cps
Bismuth	209-2	2345261	2312555	2349554	2335790	0.87	cps
Boron	10-1	86494	90661	88724	88626	2.35	cps
Boron	11-1	393299	411965	412137	405800	2.67	cps
Cadmium	111-1	1016712	1030078	1017215	1021335	0.74	cps
Cadmium	106-1	109241	110864	109333	109812	0.83	cps
Cadmium	108-1	74128	73055	74119	73767	0.84	cps
Calcium	43-1	6436380	6393385	6312964	6380909	0.98	cps
Calcium	44-1	104130090	104072944	104476134	104226389	0.21	cps
Chromium	52-2	562598	558723	557158	559493	0.50	cps
Cobalt	59-2	1105750	1100494	1110472	1105572	0.45	cps
Copper	63-2	1920622	1906765	1898367	1908585	0.59	cps
Dysprosium	156-1	58	92	92	81	23.89	cps
Dysprosium	156-2	27	3	23	18	71.00	cps
Erbium	164-1	92	75	100	89	14.33	cps
Erbium	164-2	20	7	3	10	88.20	cps
Gadolinium	160-1	158	200	200	186	12.93	cps
Gadolinium	160-2	33	37	27	32	15.80	cps
Holmium	165-1	12469923	11821076	12419527	12236842	2.95	cps
Holmium	165-2	3315697	3268878	3358686	3314421	1.36	cps
Indium	115-1	11140098	10731928	11024244	10965423	1.92	cps
Indium	115-2	553716	548529	556748	552997	0.75	cps
Iron	56-2	90346752	89051196	89920783	89772910	0.74	cps
Iron	57-2	2320660	2283281	2305677	2303206	0.82	cps
Krypton	83-1	517	467	390	458	13.94	cps
Lead	206-1	2482990	2423216	2425219	2443809	1.39	cps
Lead	207-1	2251624	2230714	2194760	2225699	1.29	cps
Lead	208-1	10044916	9927502	9856263	9942894	0.96	cps
Lithium	6-1	2042228	1978866	2071387	2030827	2.33	cps
Magnesium	24-2	10044753	9864811	10038637	9982734	1.02	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:19:32	DataFile Name :	062CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311025	307814	313169	310669	0.87	cps
Molybdenum	94-1	8811608	8713512	8678104	8734408	0.79	cps
Molybdenum	95-1	10628364	10646361	10658549	10644425	0.14	cps
Molybdenum	96-1	12035523	11891857	11877023	11934801	0.73	cps
Molybdenum	97-1	6731486	6705982	6658683	6698717	0.55	cps
Molybdenum	98-1	17292313	17258540	17114165	17221673	0.55	cps
Neodymium	150-1	240	227	187	218	12.74	cps
Neodymium	150-2	10	27	33	23	51.50	cps
Nickel	60-2	329569	326171	325302	327014	0.69	cps
Phosphorus	31-2	5510	5560	5635	5568	1.13	cps
Potassium	39-2	2937456	2903484	2952170	2931037	0.85	cps
Rhodium	103-1	10508679	10112414	10422980	10348024	2.01	cps
Rhodium	103-2	3115088	3116181	3118561	3116610	0.06	cps
Scandium	45-1	7861922	7599351	7846175	7769150	1.90	cps
Scandium	45-2	66590	67096	67408	67031	0.62	cps
Selenium	77-2	420	440	440	433	2.67	cps
Selenium	78-2	1502	1508	1439	1483	2.57	cps
Selenium	82-1	68039	68121	68315	68158	0.21	cps
Silicon	28-1	2931212	2959944	3012637	2967931	1.39	cps
Silver	109-1	5018840	5077823	5029030	5041898	0.63	cps
Silver	107-1	5321688	5358686	5312573	5330982	0.46	cps
Sodium	23-2	23269626	22970406	23195017	23145016	0.67	cps
Strontium	86-1	1466407	1454475	1455943	1458942	0.45	cps
Strontium	88-1	12561217	12371255	12389140	12440537	0.84	cps
Sulfur	34-1	888965	893924	886765	889885	0.41	cps
Terbium	159-1	13108409	12308418	12937833	12784886	3.30	cps
Terbium	159-2	3257708	3222692	3232275	3237558	0.56	cps
Thallium	203-1	3041522	2973693	3047171	3020795	1.35	cps
Thallium	205-1	7163624	7068654	7093293	7108524	0.69	cps
Tin	118-1	3370538	3364519	3322332	3352463	0.78	cps
Titanium	47-1	3204783	3244644	3223735	3224387	0.62	cps
Uranium	238-1	8999374	8842049	8749649	8863691	1.42	cps
Vanadium	51-2	405955	399491	403988	403144	0.82	cps
Yttrium	89-1	12795413	12304854	12637364	12579210	1.99	cps
Yttrium	89-2	435427	439002	441803	438744	0.73	cps
Zinc	66-2	167389	165120	168101	166870	0.93	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:19:32	DataFile Name :	062CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7471322	7449386	7556858	7492522	0.76	cps
Zirconium	91-1	1702963	1688777	1694915	1695552	0.42	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:22:40	DataFile Name :	063CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	17	25	88.19	cps
Antimony	121-1	16511	16086	17629	16742	4.76	cps
Arsenic	75-2	22	35	31	30	22.54	cps
Barium	135-1	333	250	217	267	22.54	cps
Barium	137-1	483	275	308	356	31.47	cps
Beryllium	9-1	161	178	144	161	10.34	cps
Bismuth	209-1	6990642	6960523	6340977	6764047	5.42	cps
Bismuth	209-2	2490410	2482113	2457476	2476666	0.69	cps
Boron	10-1	3534	3234	2842	3203	10.83	cps
Boron	11-1	16493	14783	13290	14856	10.79	cps
Cadmium	111-1	1938	1734	1845	1839	5.56	cps
Cadmium	106-1	2625	2375	2559	2520	5.14	cps
Cadmium	108-1	42	0	42	28	86.60	cps
Calcium	43-1	1392	1108	1358	1286	12.04	cps
Calcium	44-1	40518	41387	42557	41488	2.47	cps
Chromium	52-2	840	810	770	807	4.35	cps
Cobalt	59-2	57	73	67	66	12.80	cps
Copper	63-2	1360	1277	1180	1272	7.08	cps
Dysprosium	156-1	0	25	33	19	89.22	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	12027475	12099075	11104690	11743747	4.72	cps
Holmium	165-2	3333452	3269070	3294395	3298972	0.98	cps
Indium	115-1	11270500	11299014	10618198	11062571	3.48	cps
Indium	115-2	574745	567967	564582	569098	0.91	cps
Iron	56-2	6602	6402	6107	6370	3.91	cps
Iron	57-2	239	189	139	189	26.47	cps
Krypton	83-1	537	447	507	497	9.23	cps
Lead	206-1	478	561	622	554	13.09	cps
Lead	207-1	439	489	400	443	10.07	cps
Lead	208-1	2133	2150	2189	2158	1.32	cps
Lithium	6-1	2086835	2098511	1983912	2056419	3.07	cps
Magnesium	24-2	542	525	467	511	7.71	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:22:40	DataFile Name :	063CCBE_P8050418-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	47	70	66	26.09	cps
Molybdenum	94-1	4884	5226	5485	5198	5.79	cps
Molybdenum	95-1	6077	7186	8395	7219	16.06	cps
Molybdenum	96-1	6527	7411	9045	7661	16.68	cps
Molybdenum	97-1	3776	4142	5526	4482	20.60	cps
Molybdenum	98-1	8828	11038	12898	10922	18.66	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	87	137	67	97	37.30	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4251	4484	3959	4231	6.22	cps
Rhodium	103-1	10767684	10933395	10192510	10631197	3.66	cps
Rhodium	103-2	3302586	3279095	3260557	3280746	0.64	cps
Scandium	45-1	7819372	7840854	7233125	7631117	4.52	cps
Scandium	45-2	66299	66178	65840	66106	0.36	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	7	7	6	57.77	cps
Selenium	82-1	-37	62	-31	-2	-2742.19	cps
Silicon	28-1	529158	527873	548550	535194	2.16	cps
Silver	109-1	275	442	275	331	29.11	cps
Silver	107-1	433	367	433	411	9.36	cps
Sodium	23-2	13081	12389	13507	12993	4.34	cps
Strontium	86-1	650	800	833	761	12.83	cps
Strontium	88-1	708	608	583	633	10.44	cps
Sulfur	34-1	502838	500443	502465	501915	0.26	cps
Terbium	159-1	12586724	12618246	11529662	12244877	5.06	cps
Terbium	159-2	3244502	3204996	3185165	3211554	0.94	cps
Thallium	203-1	1575	1850	1408	1611	13.84	cps
Thallium	205-1	3934	3584	3417	3645	7.24	cps
Tin	118-1	2709	2967	3184	2953	8.05	cps
Titanium	47-1	575	392	500	489	18.85	cps
Uranium	238-1	533	467	483	494	7.02	cps
Vanadium	51-2	17	20	33	23	37.78	cps
Yttrium	89-1	12540559	12474383	11764660	12259867	3.51	cps
Yttrium	89-2	438198	432688	430510	433799	0.91	cps
Zinc	66-2	40	27	43	37	24.04	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:22:40	DataFile Name :	063CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2500	2634	2600	2578	2.69	cps
Zirconium	91-1	633	492	475	533	16.31	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:26:00	DataFile Name :	064SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426055	428649	427869	427525	0.31	cps
Antimony	121-1	1081528	1083533	1093620	1086227	0.60	cps
Arsenic	75-2	31467	30961	31352	31260	0.85	cps
Barium	135-1	3545744	3434556	3499881	3493394	1.60	cps
Barium	137-1	5919011	5977897	6053749	5983552	1.13	cps
Beryllium	9-1	376942	370755	374232	373976	0.83	cps
Bismuth	209-1	6841633	6856056	6990927	6896205	1.19	cps
Bismuth	209-2	2409610	2438181	2429529	2425773	0.60	cps
Boron	10-1	45231	46151	47713	46365	2.71	cps
Boron	11-1	210736	212526	218228	213830	1.83	cps
Cadmium	111-1	510329	515998	516460	514262	0.66	cps
Cadmium	106-1	57046	56419	56636	56701	0.56	cps
Cadmium	108-1	37026	37306	37486	37273	0.62	cps
Calcium	43-1	3916239	3908983	3949577	3924933	0.55	cps
Calcium	44-1	63134224	63823529	63292310	63416688	0.57	cps
Chromium	52-2	361658	362530	361350	361846	0.17	cps
Cobalt	59-2	654411	652077	654801	653763	0.23	cps
Copper	63-2	1125881	1123179	1128179	1125746	0.22	cps
Dysprosium	156-1	125036	122747	121873	123219	1.33	cps
Dysprosium	156-2	33373	33901	34081	33785	1.09	cps
Erbium	164-1	99203	101346	100226	100258	1.07	cps
Erbium	164-2	24787	25235	24687	24903	1.17	cps
Gadolinium	160-1	118353	117157	118537	118016	0.64	cps
Gadolinium	160-2	40804	40122	40643	40523	0.88	cps
Holmium	165-1	12177914	12355367	12316004	12283095	0.76	cps
Holmium	165-2	3302123	3338690	3337812	3326208	0.63	cps
Indium	115-1	10963828	11113843	11156584	11078085	0.91	cps
Indium	115-2	547783	549967	549285	549012	0.20	cps
Iron	56-2	69875289	69751418	70236410	69954372	0.36	cps
Iron	57-2	1804560	1787184	1796937	1796227	0.48	cps
Krypton	83-1	597	563	703	621	11.77	cps
Lead	206-1	1441950	1447401	1451171	1446841	0.32	cps
Lead	207-1	1281067	1295440	1306793	1294433	1.00	cps
Lead	208-1	5884166	5958984	6068182	5970444	1.55	cps
Lithium	6-1	2040975	2049384	2069449	2053269	0.71	cps
Magnesium	24-2	3005578	3028262	3027976	3020605	0.43	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:26:00	DataFile Name :	064SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	927553	923755	922244	924517	0.30	cps
Molybdenum	94-1	4350132	4411908	4359438	4373826	0.76	cps
Molybdenum	95-1	4927128	4966243	4942929	4945433	0.40	cps
Molybdenum	96-1	5579079	5657813	5634952	5623948	0.72	cps
Molybdenum	97-1	3144977	3174649	3183133	3167586	0.63	cps
Molybdenum	98-1	7879169	8059651	7941530	7960117	1.15	cps
Neodymium	150-1	187305	186325	187993	187208	0.45	cps
Neodymium	150-2	31458	30743	31023	31075	1.16	cps
Nickel	60-2	236112	237220	235996	236443	0.29	cps
Phosphorus	31-2	1784	1884	1859	1842	2.83	cps
Potassium	39-2	593224	597184	596596	595668	0.36	cps
Rhodium	103-1	10271310	10428404	10475615	10391776	1.03	cps
Rhodium	103-2	3114948	3126956	3113672	3118526	0.24	cps
Scandium	45-1	7961116	7968495	7972906	7967506	0.07	cps
Scandium	45-2	65388	66346	66148	65961	0.77	cps
Selenium	77-2	490	403	390	428	12.69	cps
Selenium	78-2	754	824	857	812	6.52	cps
Selenium	82-1	32965	33222	33840	33342	1.35	cps
Silicon	28-1	21422160	20568071	22699955	21563395	4.98	cps
Silver	109-1	233910	236003	241779	237231	1.72	cps
Silver	107-1	249709	249794	256577	252027	1.56	cps
Sodium	23-2	2393581	2352144	2397917	2381214	1.06	cps
Strontium	86-1	1640513	1651246	1662670	1651476	0.67	cps
Strontium	88-1	13938432	14030547	14070790	14013256	0.48	cps
Sulfur	34-1	764560	765475	772120	767385	0.54	cps
Terbium	159-1	12778590	12965644	13016959	12920397	0.97	cps
Terbium	159-2	3226928	3270280	3262332	3253180	0.71	cps
Thallium	203-1	1494472	1523062	1531851	1516462	1.29	cps
Thallium	205-1	3706703	3675147	3695637	3692496	0.43	cps
Tin	118-1	1628983	1636438	1671477	1645632	1.38	cps
Titanium	47-1	3028649	3095880	3047034	3057188	1.14	cps
Uranium	238-1	4650412	4583676	4730087	4654725	1.57	cps
Vanadium	51-2	274799	274737	276126	275221	0.29	cps
Yttrium	89-1	13950491	14044508	14178964	14057988	0.82	cps
Yttrium	89-2	479653	475141	475512	476769	0.53	cps
Zinc	66-2	118729	117912	117364	118002	0.58	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:26:00	DataFile Name :	064SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4168845	4267393	4226805	4221014	1.17	cps
Zirconium	91-1	919630	922450	923393	921824	0.21	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:29:12	DataFile Name :	065SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434451	438613	433515	435526	0.62	cps
Antimony	121-1	1105372	1120111	1114283	1113256	0.67	cps
Arsenic	75-2	32208	31627	31471	31769	1.22	cps
Barium	135-1	3601623	3641544	3614239	3619135	0.56	cps
Barium	137-1	6146154	6221584	6190432	6186057	0.61	cps
Beryllium	9-1	380951	380440	375204	378865	0.84	cps
Bismuth	209-1	7080710	6709903	7112816	6967810	3.21	cps
Bismuth	209-2	2446306	2486553	2445768	2459542	0.95	cps
Boron	10-1	46560	47036	48834	47477	2.53	cps
Boron	11-1	215268	222829	225870	221322	2.47	cps
Cadmium	111-1	528843	534572	535081	532832	0.65	cps
Cadmium	106-1	57248	59583	60052	58961	2.55	cps
Cadmium	108-1	38162	38798	38489	38483	0.83	cps
Calcium	43-1	4082195	4115205	4124146	4107182	0.54	cps
Calcium	44-1	66080912	65798918	66122854	66000895	0.27	cps
Chromium	52-2	367953	368232	367430	367872	0.11	cps
Cobalt	59-2	667571	665514	668626	667237	0.24	cps
Copper	63-2	1153809	1149805	1147422	1150345	0.28	cps
Dysprosium	156-1	132282	133694	134763	133580	0.93	cps
Dysprosium	156-2	36374	36301	36608	36427	0.44	cps
Erbium	164-1	109099	110324	109173	109532	0.63	cps
Erbium	164-2	26450	26350	26758	26519	0.80	cps
Gadolinium	160-1	129556	130037	130214	129935	0.26	cps
Gadolinium	160-2	43496	43392	43155	43347	0.40	cps
Holmium	165-1	12607087	12114691	12757079	12492953	2.69	cps
Holmium	165-2	3365074	3396662	3352276	3371337	0.68	cps
Indium	115-1	11384330	10733441	11135322	11084364	2.96	cps
Indium	115-2	553062	553961	552518	553180	0.13	cps
Iron	56-2	72273766	72776807	72134260	72394944	0.47	cps
Iron	57-2	1840768	1844041	1846989	1843933	0.17	cps
Krypton	83-1	603	617	603	608	1.27	cps
Lead	206-1	1507336	1523815	1532098	1521083	0.83	cps
Lead	207-1	1347282	1354872	1346368	1349507	0.35	cps
Lead	208-1	6163791	6266274	6246232	6225433	0.87	cps
Lithium	6-1	2039894	1980612	2072032	2030846	2.28	cps
Magnesium	24-2	3050518	3066935	3049843	3055765	0.32	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:29:12	DataFile Name :	065SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	953431	960075	948361	953956	0.62	cps
Molybdenum	94-1	4453082	4473439	4482891	4469804	0.34	cps
Molybdenum	95-1	5058207	5080792	5074895	5071298	0.23	cps
Molybdenum	96-1	5673094	5707405	5783758	5721419	0.99	cps
Molybdenum	97-1	3218956	3246913	3273693	3246521	0.84	cps
Molybdenum	98-1	8061775	7982283	8110525	8051528	0.80	cps
Neodymium	150-1	206285	210454	206346	207695	1.15	cps
Neodymium	150-2	34151	33703	33650	33835	0.81	cps
Nickel	60-2	242396	239710	240763	240956	0.56	cps
Phosphorus	31-2	1900	1850	1800	1850	2.70	cps
Potassium	39-2	597379	597357	593447	596061	0.38	cps
Rhodium	103-1	10542407	9850449	10565717	10319525	3.94	cps
Rhodium	103-2	3105856	3132649	3109512	3116006	0.47	cps
Scandium	45-1	7944214	7547178	8054169	7848520	3.40	cps
Scandium	45-2	65683	66711	65680	66024	0.90	cps
Selenium	77-2	437	380	377	398	8.48	cps
Selenium	78-2	869	793	878	846	5.52	cps
Selenium	82-1	33708	34201	34561	34157	1.25	cps
Silicon	28-1	22496683	23288894	23835261	23206946	2.90	cps
Silver	109-1	411998	284400	260203	318867	25.58	cps
Silver	107-1	277311	275126	279471	277303	0.78	cps
Sodium	23-2	2413130	2416312	2396459	2408634	0.44	cps
Strontium	86-1	1703871	1729170	1719032	1717358	0.74	cps
Strontium	88-1	14633967	14663862	14688760	14662197	0.19	cps
Sulfur	34-1	786257	790374	791297	789309	0.34	cps
Terbium	159-1	13248245	12585887	13306510	13046881	3.07	cps
Terbium	159-2	3260787	3308386	3251216	3273463	0.94	cps
Thallium	203-1	1569644	1610251	1617576	1599157	1.61	cps
Thallium	205-1	3832455	3927894	3897828	3886059	1.26	cps
Tin	118-1	1695326	1694853	1684045	1691408	0.38	cps
Titanium	47-1	3105093	3219738	3116873	3147235	2.00	cps
Uranium	238-1	4880061	4967817	4858347	4902075	1.18	cps
Vanadium	51-2	280190	280838	279710	280246	0.20	cps
Yttrium	89-1	14285014	13664574	14538736	14162775	3.18	cps
Yttrium	89-2	481918	482318	481513	481916	0.08	cps
Zinc	66-2	119775	120820	119701	120099	0.52	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	J2730-10ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-05-04 19:29:12	DataFile Name :	065SMPL_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4378887	4378780	4425617	4394428	0.61	cps
Zirconium	91-1	950116	961434	967856	959802	0.94	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:45:31	DataFile Name :	069CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423505	421166	418325	420999	0.62	cps
Antimony	121-1	4844375	4828597	4738401	4803791	1.19	cps
Arsenic	75-2	60697	60082	59838	60206	0.74	cps
Barium	135-1	5084613	5021814	5034806	5047078	0.66	cps
Barium	137-1	8744909	8638328	8614302	8665846	0.80	cps
Beryllium	9-1	761406	754804	756204	757471	0.46	cps
Bismuth	209-1	7295322	7103796	7115005	7171374	1.50	cps
Bismuth	209-2	2401218	2436502	2419029	2418917	0.73	cps
Boron	10-1	91266	91306	91223	91265	0.05	cps
Boron	11-1	420017	426368	431693	426026	1.37	cps
Cadmium	111-1	1046689	1043953	1040416	1043686	0.30	cps
Cadmium	106-1	111290	111954	113013	112086	0.78	cps
Cadmium	108-1	75229	74705	75929	75288	0.82	cps
Calcium	43-1	6465563	6415565	6426587	6435905	0.41	cps
Calcium	44-1	103564442	103785094	103682931	103677489	0.11	cps
Chromium	52-2	554332	552669	550046	552349	0.39	cps
Cobalt	59-2	1105113	1103703	1099192	1102669	0.28	cps
Copper	63-2	1914022	1909461	1906935	1910139	0.19	cps
Dysprosium	156-1	92	125	117	111	15.61	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	58	125	33	72	65.61	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	200	125	158	161	23.32	cps
Gadolinium	160-2	40	30	20	30	33.33	cps
Holmium	165-1	12997321	13112255	12978526	13029367	0.56	cps
Holmium	165-2	3397281	3404300	3375089	3392223	0.45	cps
Indium	115-1	11523825	11415527	11229800	11389717	1.31	cps
Indium	115-2	553064	552638	553620	553107	0.09	cps
Iron	56-2	89350255	88760016	88705560	88938610	0.40	cps
Iron	57-2	2277774	2280021	2270351	2276049	0.22	cps
Krypton	83-1	457	420	443	440	4.22	cps
Lead	206-1	2642211	2547360	2534455	2574675	2.29	cps
Lead	207-1	2363917	2364140	2362388	2363482	0.04	cps
Lead	208-1	10679211	10427444	10474186	10526947	1.27	cps
Lithium	6-1	2088856	2102732	2134998	2108862	1.12	cps
Magnesium	24-2	9994269	9867011	9846852	9902711	0.81	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:45:31	DataFile Name :	069CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	308977	305477	303947	306133	0.84	cps
Molybdenum	94-1	9006201	8862891	8889847	8919646	0.85	cps
Molybdenum	95-1	10765281	10799493	10704536	10756437	0.45	cps
Molybdenum	96-1	12258141	12142069	12105942	12168717	0.65	cps
Molybdenum	97-1	6839244	6818177	6753590	6803670	0.66	cps
Molybdenum	98-1	17514167	17492000	17420136	17475434	0.28	cps
Neodymium	150-1	240	240	267	249	6.19	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	327486	325806	327217	326837	0.28	cps
Phosphorus	31-2	5318	5418	5668	5468	3.30	cps
Potassium	39-2	2855269	2832033	2832452	2839918	0.47	cps
Rhodium	103-1	10593968	10728468	10555016	10625817	0.86	cps
Rhodium	103-2	3086740	3123064	3110863	3106889	0.59	cps
Scandium	45-1	7911244	7823243	7863339	7865942	0.56	cps
Scandium	45-2	65970	65191	65582	65581	0.59	cps
Selenium	77-2	473	440	357	423	14.19	cps
Selenium	78-2	1504	1467	1496	1489	1.32	cps
Selenium	82-1	69085	69065	69114	69088	0.04	cps
Silicon	28-1	2895224	2898935	2955904	2916688	1.17	cps
Silver	109-1	5216484	5194132	5116838	5175818	1.01	cps
Silver	107-1	5480638	5390289	5425720	5432216	0.84	cps
Sodium	23-2	23059510	23004133	22916575	22993406	0.31	cps
Strontium	86-1	1483540	1464027	1481419	1476329	0.73	cps
Strontium	88-1	12618076	12593873	12465496	12559148	0.65	cps
Sulfur	34-1	894409	892304	894372	893695	0.13	cps
Terbium	159-1	13636824	13707723	13576687	13640411	0.48	cps
Terbium	159-2	3276850	3315900	3276138	3289630	0.69	cps
Thallium	203-1	3203367	3211096	3174020	3196161	0.61	cps
Thallium	205-1	7522770	7447844	7436638	7469084	0.63	cps
Tin	118-1	3459301	3489374	3426661	3458445	0.91	cps
Titanium	47-1	3238047	3198432	3197847	3211442	0.72	cps
Uranium	238-1	9625945	9292448	9471703	9463365	1.76	cps
Vanadium	51-2	400154	398008	397256	398473	0.38	cps
Yttrium	89-1	13074226	13039243	12991947	13035139	0.32	cps
Yttrium	89-2	431580	436173	431654	433136	0.61	cps
Zinc	66-2	165170	163925	164849	164648	0.39	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:45:31	DataFile Name :	069CCV_P8050418-MS .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7665067	7592892	7579385	7612448	0.61	cps
Zirconium	91-1	1720899	1716918	1707253	1715023	0.41	cps

LB Number : LB95178 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P8
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-04 19:48:39 DataFile Name : 070CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	92	25	56	60.62	cps
Antimony	121-1	16736	16628	18105	17156	4.80	cps
Arsenic	75-2	44	35	43	41	12.01	cps
Barium	135-1	250	292	175	239	24.75	cps
Barium	137-1	475	400	850	575	41.95	cps
Beryllium	9-1	233	217	256	235	8.30	cps
Bismuth	209-1	7192996	7317086	7373479	7294520	1.27	cps
Bismuth	209-2	2411992	2488289	2519761	2473348	2.24	cps
Boron	10-1	5226	4793	4951	4990	4.40	cps
Boron	11-1	23395	22702	20474	22190	6.88	cps
Cadmium	111-1	1910	1774	1817	1834	3.81	cps
Cadmium	106-1	2542	2375	2475	2464	3.40	cps
Cadmium	108-1	33	50	17	33	50.00	cps
Calcium	43-1	1342	1217	1484	1347	9.91	cps
Calcium	44-1	43035	41045	50586	44889	11.21	cps
Chromium	52-2	807	743	723	758	5.74	cps
Cobalt	59-2	67	100	87	84	19.87	cps
Copper	63-2	1610	1487	1363	1487	8.30	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	50	75	50	50.00	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	75	117	108	100	22.05	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	12355770	12575744	12517384	12482966	0.91	cps
Holmium	165-2	3260553	3334488	3353042	3316028	1.48	cps
Indium	115-1	11541879	11477794	11608036	11542570	0.56	cps
Indium	115-2	554716	565437	570754	563636	1.45	cps
Iron	56-2	7280	6524	6429	6744	6.91	cps
Iron	57-2	178	167	167	170	3.76	cps
Krypton	83-1	430	340	417	396	12.28	cps
Lead	206-1	417	606	789	604	30.84	cps
Lead	207-1	467	389	561	472	18.27	cps
Lead	208-1	2250	2017	2801	2356	17.09	cps
Lithium	6-1	2121327	2121320	2155946	2132864	0.94	cps
Magnesium	24-2	617	533	567	572	7.33	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:48:39	DataFile Name :	070CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	40	40	47	24.74	cps
Molybdenum	94-1	4359	5293	5560	5071	12.43	cps
Molybdenum	95-1	5877	7602	9203	7561	22.01	cps
Molybdenum	96-1	6460	8170	9545	8058	19.18	cps
Molybdenum	97-1	4009	4634	5535	4726	16.23	cps
Molybdenum	98-1	10188	12390	13733	12103	14.79	cps
Neodymium	150-1	0	0	33	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	143	153	137	15.23	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4001	4076	4017	4031	0.98	cps
Rhodium	103-1	10899710	11088225	11078018	11021984	0.96	cps
Rhodium	103-2	3201760	3274141	3260547	3245483	1.19	cps
Scandium	45-1	7751351	7799164	7779091	7776535	0.31	cps
Scandium	45-2	63148	64460	65609	64406	1.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	0	3	124.95	cps
Selenium	82-1	89	182	130	134	35.12	cps
Silicon	28-1	513758	507498	506194	509150	0.79	cps
Silver	109-1	558	608	658	608	8.22	cps
Silver	107-1	675	733	575	661	12.11	cps
Sodium	23-2	14433	13140	13140	13571	5.50	cps
Strontium	86-1	758	808	825	797	4.35	cps
Strontium	88-1	892	925	867	895	3.27	cps
Sulfur	34-1	508072	504600	506537	506403	0.34	cps
Terbium	159-1	13013644	13023678	13078021	13038448	0.27	cps
Terbium	159-2	3153428	3253039	3267612	3224693	1.93	cps
Thallium	203-1	958	1100	1384	1147	18.87	cps
Thallium	205-1	2942	2625	3444	3004	13.74	cps
Tin	118-1	3192	3276	3234	3234	1.29	cps
Titanium	47-1	483	383	717	528	32.41	cps
Uranium	238-1	742	642	1359	914	42.51	cps
Vanadium	51-2	30	23	10	21	48.24	cps
Yttrium	89-1	12578380	12866153	12843185	12762572	1.25	cps
Yttrium	89-2	417606	428849	431053	425836	1.69	cps
Zinc	66-2	33	23	50	36	37.90	cps

LB Number :	LB95178	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-05-04 19:48:39	DataFile Name :	070CCBE_P8050418-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3101	2784	2700	2862	7.38	cps
Zirconium	91-1	717	700	625	681	7.18	cps