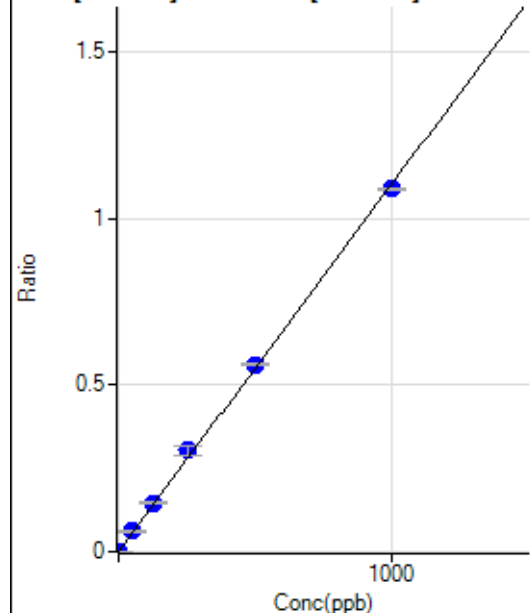


Batch Folder: D:\P8011918MS .b\
Analysis File: P8011918MS .batch.bin
DA Date-Time: 2018-01-22 10:21:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8011918MS.D	S00	2018-01-19 13:21:36
2			
3	005CALS P8011918MS.D	S02	2018-01-19 13:28:22
4	006CALS P8011918MS.D	S03	2018-01-19 13:31:53
5	007CALS P8011918MS.D	S04	2018-01-19 13:35:25
6	008CALS P8011918MS.D	S05	2018-01-19 13:38:51
7	009CALS P8011918MS.D	S06	2018-01-19 13:42:12
8	010CALS P8011918MS.D	S07	2018-01-19 13:45:29
9	011CALS P8011918MS.D	S08	2018-01-19 13:48:42

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.04	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	0.984	763.00	0.0012	P	9.4
4	☐	50.000	55.967	37412.18	0.0618	P	6.9
5	☐	125.000	132.560	93981.14	0.1461	P	1.6
6	☐	250.000	274.868	183910.46	0.3028	P	8.2
7	☐	500.000	509.208	348306.59	0.5608	P	0.9
8	☐	1000.000	987.936	652272.16	1.0878	P	0.9
9	☐			559.28	0.0010	P	3.9

$$y = 0.0011 * x + 1.3977E-004$$

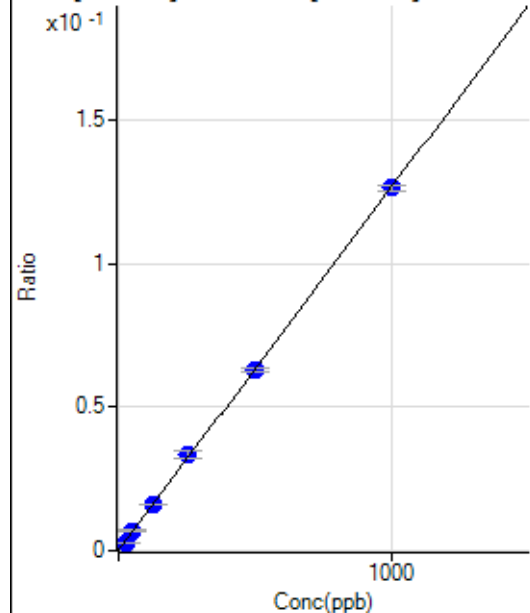
$$R = 0.9996$$

$$DL = 0.01447$$

$$BEC = 0.1269$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0001	P	9.7
2	☐	2.500					
3	☐	25.000	21.084	1750.18	0.0028	P	5.9
4	☐	50.000	54.359	4253.59	0.0070	P	13.2
5	☐	125.000	125.740	10337.47	0.0161	P	2.2
6	☐	250.000	262.783	20309.52	0.0334	P	8.3
7	☐	500.000	497.796	39265.77	0.0632	P	1.6
8	☐	1000.000	997.694	75892.69	0.1266	P	1.7
9	☐			3219.93	0.0055	P	10.2

$$y = 1.2673E-004 * x + 1.3378E-004$$

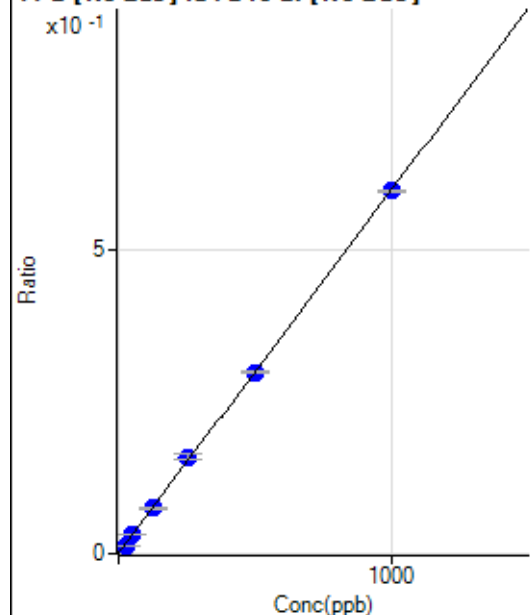
$$R = 0.9999$$

$$DL = 0.3062$$

$$BEC = 1.056$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	522.25	0.0008	P	8.1
2	☐	2.500					
3	☐	25.000	22.037	8758.61	0.0140	P	1.8
4	☐	50.000	50.951	19005.00	0.0314	P	7.6
5	☐	125.000	125.004	48725.52	0.0757	P	4.2
6	☐	250.000	264.002	96705.33	0.1590	P	6.2
7	☐	500.000	498.116	185927.67	0.2993	P	1.7
8	☐	1000.000	997.468	358932.82	0.5986	P	0.7
9	☐			15681.43	0.0267	P	8.1

$$y = 5.9927\text{E-}004 * x + 8.3884\text{E-}004$$

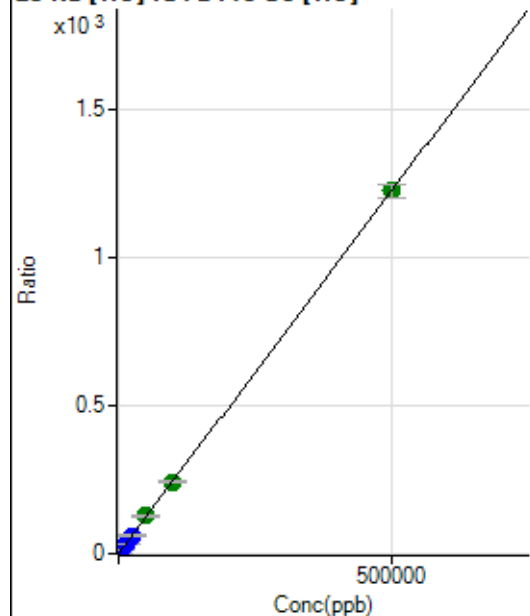
$$R = 0.9999$$

$$DL = 0.3402$$

$$BEC = 1.4$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7510.67	0.4589	P	4.3
2	☐	50.000					
3	☐	500.000	429.035	24883.66	1.5097	P	1.9
4	☐	5000.000	4971.051	212677.00	12.6334	P	0.9
5	☐	12500.000	12252.997	506053.78	30.4674	P	0.9
6	☐	25000.000	24753.317	957778.72	61.0815	P	2.1
7	☐	50000.000	52545.421	1785759.76	129.1463	A	6.1
8	☐	100000.00	98303.416	3319989.24	241.2108	A	2.8
9	☐	500000.00	500103.64	17208065.6	1,225.247	A	4.0

$$y = 0.0024 * x + 0.4589$$

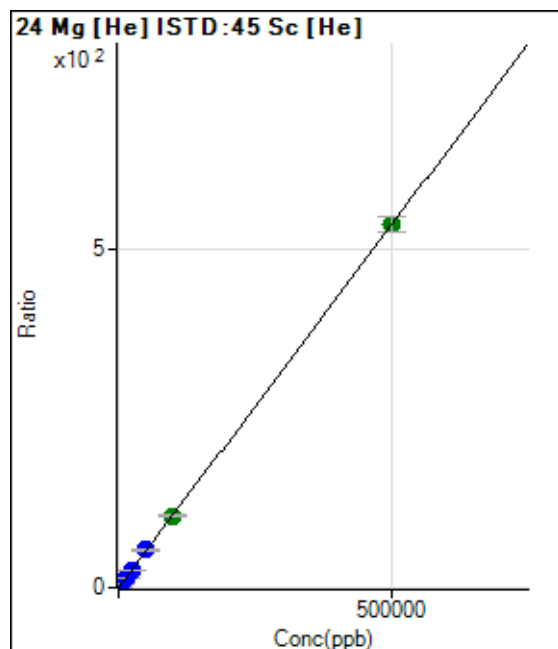
$$R = 1.0000$$

$$DL = 23.98$$

$$BEC = 187.4$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.69	0.0255	P	16.1
2	☐	50.000					
3	☐	500.000	451.483	8380.62	0.5086	P	3.9
4	☐	5000.000	4930.864	89257.66	5.3019	P	2.7
5	☐	12500.000	12263.588	218375.79	13.1485	P	1.8
6	☐	25000.000	24664.305	414266.32	26.4182	P	1.8
7	☐	50000.000	51845.718	767502.20	55.5044	P	6.0
8	☐	100000.00	99035.638	1458843.79	106.0012	A	3.3
9	☐	500000.00	500031.73	7514977.69	535.0974	A	4.2

$$y = 0.0011 * x + 0.0255$$

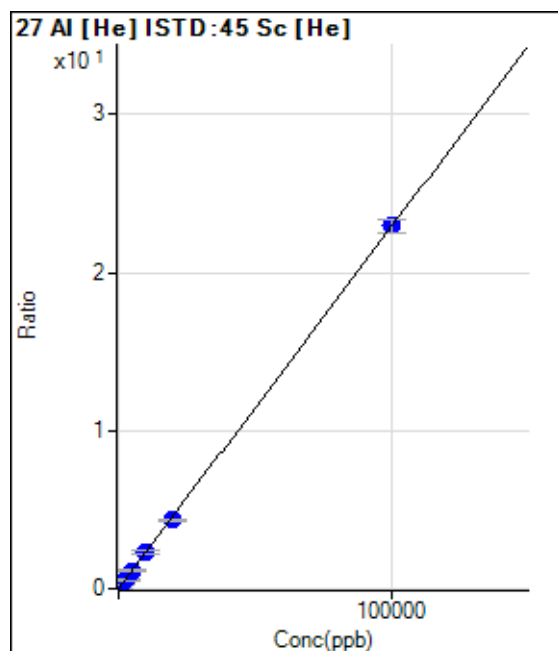
$$R = 1.0000$$

$$DL = 11.55$$

$$BEC = 23.86$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0014	P	58.8
2	☐	2.000					
3	☐	20.000	19.785	97.23	0.0059	P	14.1
4	☐	1000.000	948.107	3678.45	0.2185	P	3.8
5	☐	2500.000	2411.993	9195.05	0.5537	P	3.2
6	☐	5000.000	4963.211	17842.60	1.1379	P	3.2
7	☐	10000.000	10109.536	32026.02	2.3164	P	6.5
8	☐	20000.000	18895.474	59570.41	4.3284	P	3.0
9	☐	100000.00	100214.51	322388.91	22.9502	P	3.4

$$y = 2.2900E-004 * x + 0.0014$$

$$R = 0.9999$$

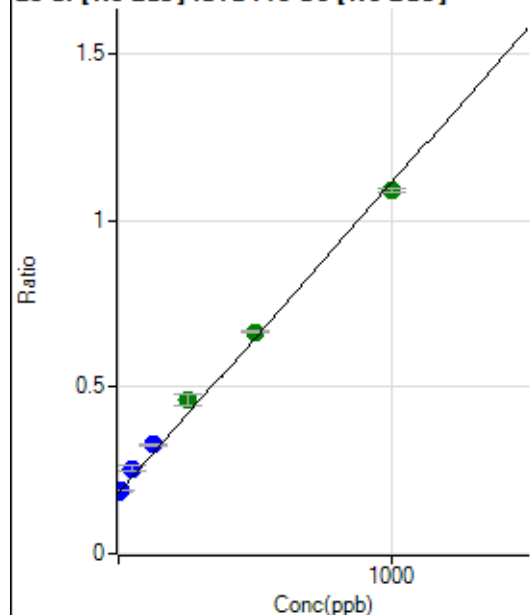
$$DL = 10.58$$

$$BEC = 6.001$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	381245.10	0.1827	P	0.5
2	☐	1.000					
3	☐	10.000	10.515	410713.60	0.1925	P	0.8
4	☐	50.000	77.906	520320.42	0.2552	P	6.9
5	☐	125.000	155.929	718948.86	0.3278	P	2.2
6	☐	250.000	297.997	943727.07	0.4599	A	8.0
7	☐	500.000	518.339	1397152.11	0.6649	A	0.7
8	☐	1000.000	973.565	2185729.04	1.0884	A	1.2
9	☐			379513.79	0.1880	P	3.7

$$y = 9.3032E-004 * x + 0.1827$$

$$R = 0.9982$$

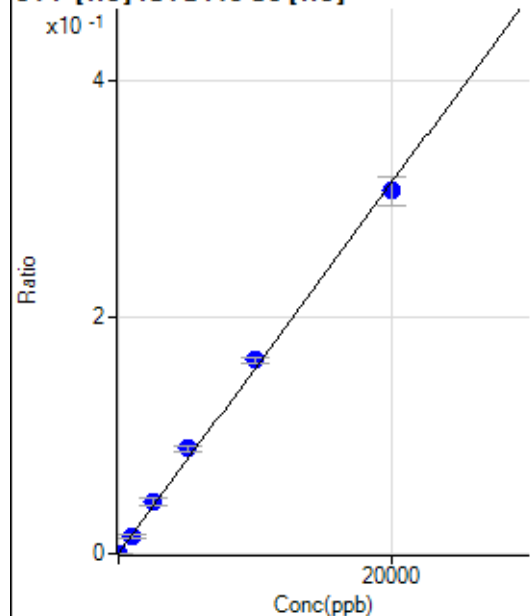
$$DL = 3.221$$

$$BEC = 196.4$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.176	2.78	0.0002	P	173.2
2	☐	0.000					
3	☐	0.000	-0.176	2.78	0.0002	P	173.2
4	☐	1000.000	957.878	255.57	0.0152	P	19.7
5	☐	2500.000	2837.163	741.72	0.0446	P	14.4
6	☐	5000.000	5668.940	1397.36	0.0890	P	6.2
7	☐	10000.000	10444.046	2272.52	0.1638	P	2.6
8	☐	20000.000	19570.703	4220.26	0.3069	P	8.1
9	☐			0.00	0.0000	P	

$$y = 1.5672E-005 * x + 1.7010E-004$$

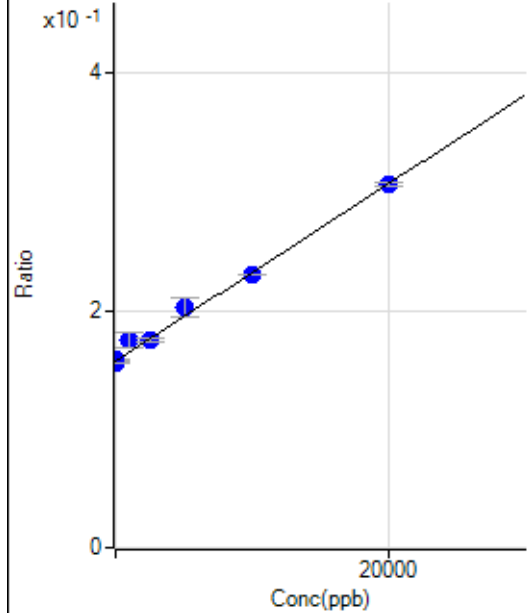
$$R = 0.9988$$

$$DL = 56.4$$

$$BEC = 10.85$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	197.746	331587.81	0.1589	P	1.1
2	☐	0.000					
3	☐	0.000	-197.746	332759.43	0.1559	P	0.4
4	☐	1000.000	2342.087	356695.19	0.1750	P	7.2
5	☐	2500.000	2408.343	384858.78	0.1755	P	2.3
6	☐	5000.000	6011.685	415397.15	0.2024	P	7.9
7	☐	10000.000	9677.858	483068.76	0.2299	P	0.2
8	☐	20000.000	19852.502	614664.43	0.3061	P	0.9
9	☐			285711.22	0.1415	P	1.1

$$y = 7.4875E-006 * x + 0.1574$$

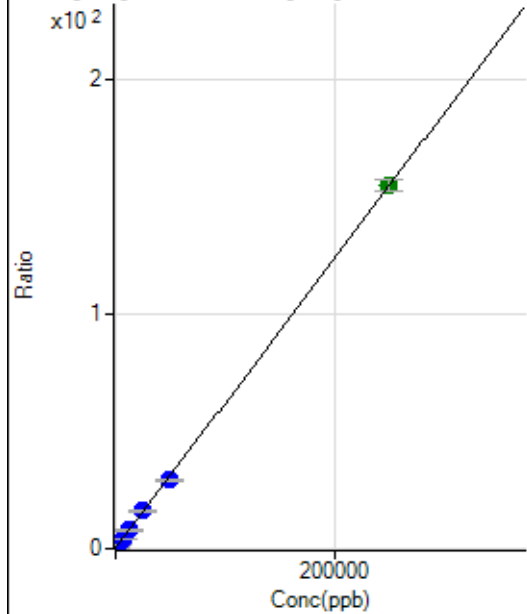
$$R = 0.9962$$

$$DL = 460.7$$

$$BEC = 2.102E+04$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2191.94	0.1339	P	3.5
2	☐	50.000					
3	☐	500.000	433.842	6610.16	0.4012	P	4.1
4	☐	2500.000	2550.369	28699.76	1.7049	P	3.5
5	☐	6250.000	6198.534	65637.23	3.9521	P	2.0
6	☐	12500.000	12514.823	122963.69	7.8428	P	3.0
7	☐	25000.000	25696.005	220693.88	15.9620	P	6.3
8	☐	50000.000	47379.035	403533.88	29.3182	P	2.6
9	☐	250000.00	250454.76	2169203.45	154.4077	A	3.1

$$y = 6.1597E-004 * x + 0.1339$$

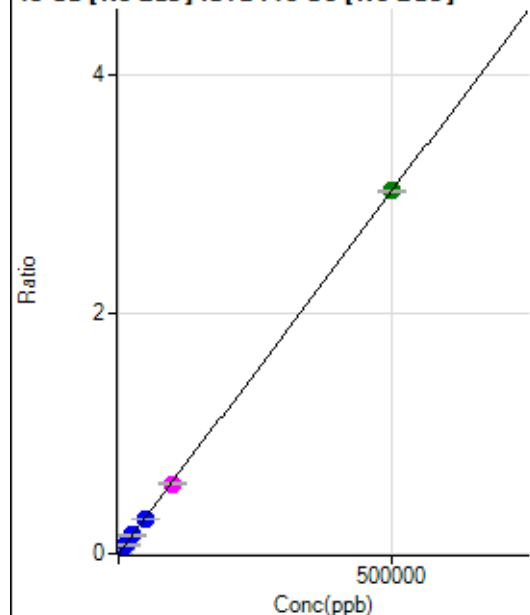
$$R = 0.9999$$

$$DL = 22.69$$

$$BEC = 217.5$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	802.84	0.0004	P	9.4
2	☐	50.000					
3	☐	500.000	411.691	6132.22	0.0029	P	2.8
4	☐	5000.000	5142.529	64236.83	0.0315	P	5.4
5	☐	12500.000	12022.388	160263.56	0.0731	P	2.5
6	☐	25000.000	25574.152	317967.58	0.1550	P	8.3
7	☐	50000.000	48260.936	613891.50	0.2921	P	0.4
8	☐	100000.00	96774.686	1175630.00	0.5854	M	0.7
9	☐	500000.00	500800.86	6112209.77	3.0279	A	0.7

$$y = 6.0454\text{E-}006 * x + 3.8484\text{E-}004$$

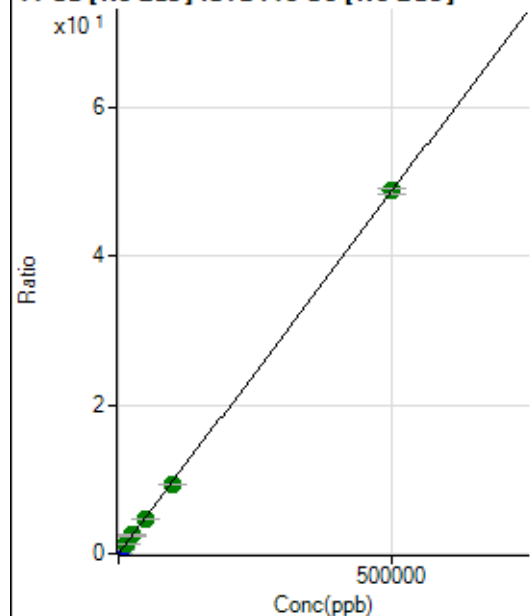
$$R = 1.0000$$

$$DL = 17.94$$

$$BEC = 63.66$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15993.08	0.0077	P	3.2
2	☐	50.000					
3	☐	500.000	415.387	102663.71	0.0481	P	1.1
4	☐	5000.000	5121.318	1032556.09	0.5063	P	6.9
5	☐	12500.000	12138.816	2609147.71	1.1896	A	3.1
6	☐	25000.000	25732.100	5153889.70	2.5132	A	9.1
7	☐	50000.000	48365.808	9911724.18	4.7171	A	0.8
8	☐	100000.00	96352.696	18855912.4	9.3895	A	1.0
9	☐	500000.00	500864.17	98457201.5	48.7769	A	1.3

$$y = 9.7370\text{E-}005 * x + 0.0077$$

$$R = 1.0000$$

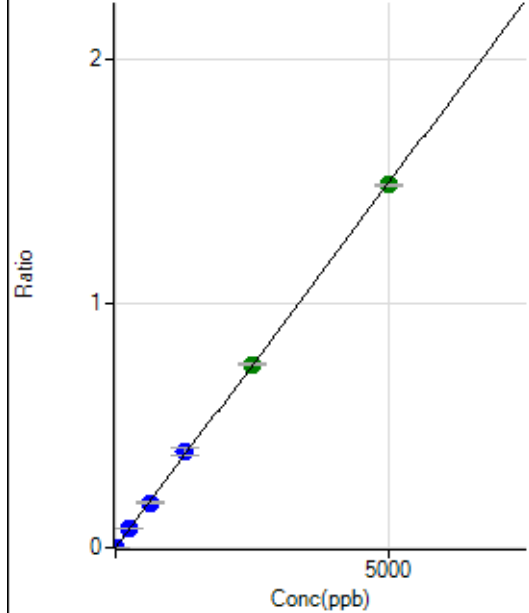
$$DL = 7.505$$

$$BEC = 78.72$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0001	P	12.4
2	☐	0.500					
3	☐	5.000	4.592	3044.93	0.0014	P	5.9
4	☐	250.000	262.644	160369.78	0.0786	P	6.2
5	☐	625.000	615.518	404013.64	0.1842	P	2.1
6	☐	1250.000	1320.178	810438.85	0.3950	P	8.0
7	☐	2500.000	2515.474	1581320.67	0.7525	A	1.3
8	☐	5000.000	4975.272	2988927.39	1.4884	A	0.6
9	☐			572.27	0.0003	P	9.2

$$y = 2.9914E-004 * x + 5.3287E-005$$

$$R = 0.9999$$

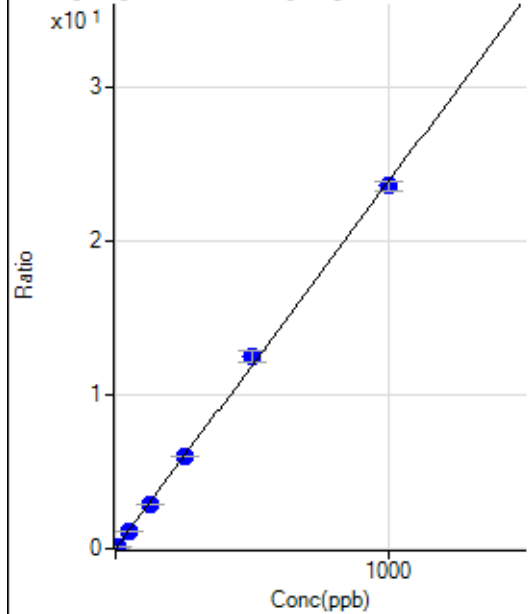
$$DL = 0.06641$$

$$BEC = 0.1781$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0004	P	132.3
2	☐	0.500					
3	☐	5.000	4.579	1807.93	0.1097	P	4.0
4	☐	50.000	49.510	19902.12	1.1822	P	0.4
5	☐	125.000	122.160	48436.83	2.9163	P	1.4
6	☐	250.000	251.399	94105.63	6.0012	P	1.7
7	☐	500.000	523.263	172683.90	12.4904	P	6.5
8	☐	1000.000	988.400	324721.81	23.5929	P	2.9
9	☐			58.89	0.0042	P	19.9

$$y = 0.0239 * x + 4.1506E-004$$

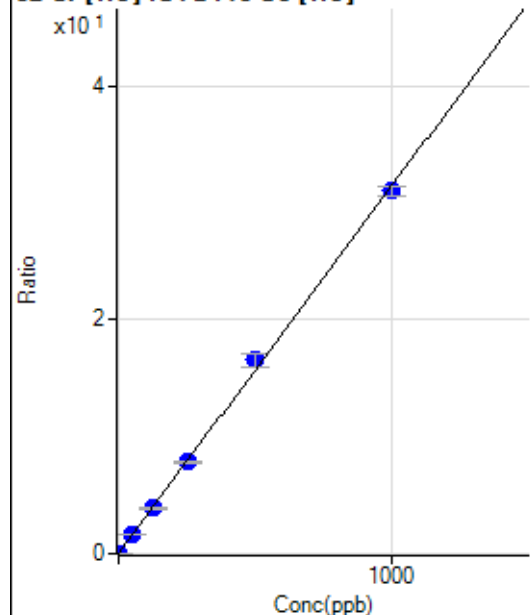
$$R = 0.9996$$

$$DL = 0.06903$$

$$BEC = 0.01739$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	282.23	0.0173	P	15.7
2	☐	0.200					
3	☐	2.000	1.793	1212.30	0.0736	P	10.5
4	☐	50.000	49.495	26439.57	1.5706	P	1.1
5	☐	125.000	122.711	64250.01	3.8683	P	1.3
6	☐	250.000	250.040	123311.49	7.8641	P	2.1
7	☐	500.000	525.910	228414.85	16.5216	P	6.5
8	☐	1000.000	987.347	426727.40	31.0026	P	2.5
9	☐			5347.77	0.3802	P	3.7

$$y = 0.0314 * x + 0.0173$$

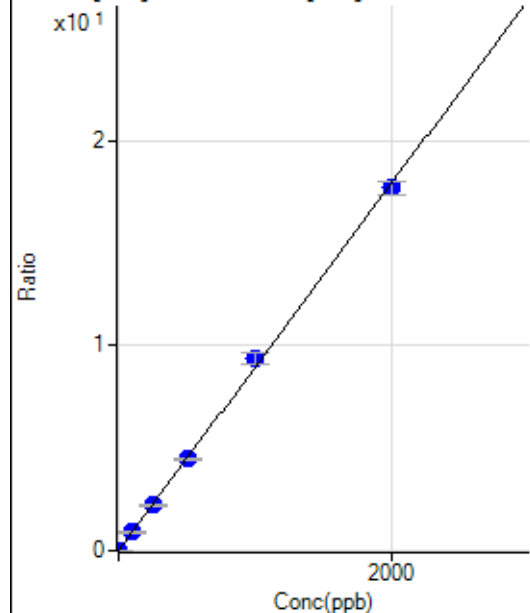
$$R = 0.9995$$

$$DL = 0.259$$

$$BEC = 0.5511$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0009	P	48.7
2	☐	0.100					
3	☐	1.000	0.904	148.89	0.0090	P	17.9
4	☐	100.000	100.078	15112.80	0.8977	P	2.2
5	☐	250.000	246.835	36754.06	2.2128	P	1.4
6	☐	500.000	501.453	70476.47	4.4945	P	2.2
7	☐	1000.000	1049.299	130021.63	9.4037	P	6.2
8	☐	2000.000	1975.379	243632.14	17.7023	P	3.4
9	☐			657.81	0.0469	P	10.7

$$y = 0.0090 * x + 9.4632E-004$$

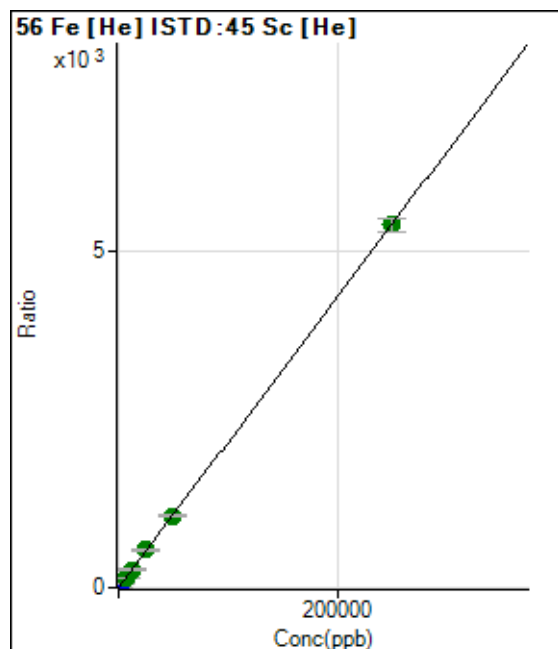
$$R = 0.9995$$

$$DL = 0.1544$$

$$BEC = 0.1056$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1476.05	0.0901	P	6.8
2	☐	5.000					
3	☐	50.000	44.190	17168.38	1.0417	P	1.2
4	☐	2500.000	2476.577	899379.84	53.4241	P	0.1
5	☐	6250.000	6197.139	2218064.21	133.5478	A	1.6
6	☐	12500.000	12517.090	4227946.48	269.6504	A	2.5
7	☐	25000.000	26018.533	7749259.78	560.4091	A	6.0
8	☐	50000.000	49376.643	14635412.1	1,063.435	A	3.3
9	☐	250000.00	250023.52	75624040.5	5,384.442	A	3.9

$$y = 0.0215 * x + 0.0901$$

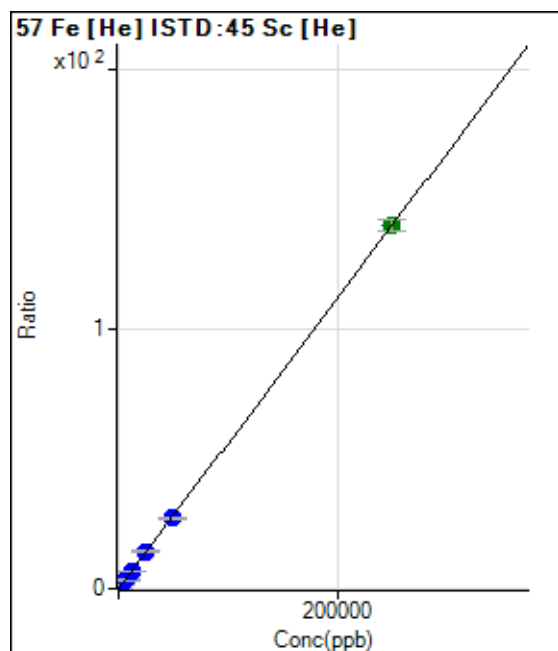
$$R = 1.0000$$

$$DL = 0.853$$

$$BEC = 4.183$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0024	P	23.7
2	☐	5.000					
3	☐	50.000	42.221	427.80	0.0260	P	13.5
4	☐	2500.000	2422.553	22843.28	1.3569	P	1.0
5	☐	6250.000	5999.343	55744.97	3.3568	P	2.9
6	☐	12500.000	12155.697	106617.40	6.7990	P	1.7
7	☐	25000.000	25711.821	198818.60	14.3786	P	6.1
8	☐	50000.000	48566.213	373762.83	27.1572	P	2.9
9	☐	250000.00	250239.83	1965519.37	139.9187	A	3.2

$$y = 5.5913E-004 * x + 0.0024$$

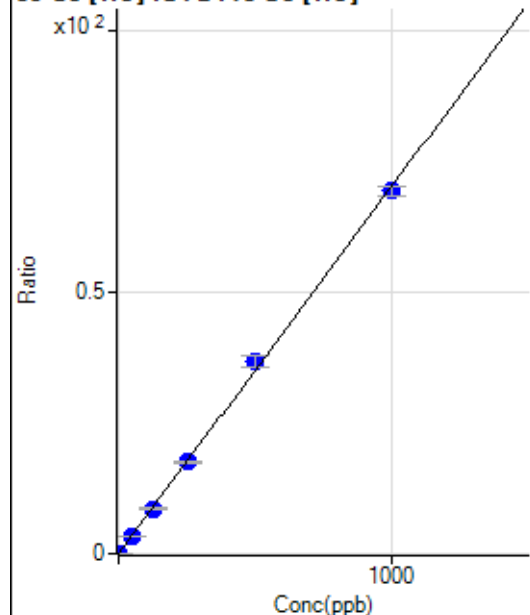
$$R = 1.0000$$

$$DL = 3.011$$

$$BEC = 4.243$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0027	P	12.6
2	☐	0.100					
3	☐	1.000	0.858	1038.95	0.0630	P	3.6
4	☐	50.000	48.901	57917.55	3.4403	P	1.1
5	☐	125.000	122.064	142554.54	8.5834	P	2.0
6	☐	250.000	249.536	275092.70	17.5442	P	2.2
7	☐	500.000	524.127	509473.76	36.8470	P	6.2
8	☐	1000.000	988.475	956481.35	69.4890	P	2.4
9	☐			1132.29	0.0806	P	3.6

$$y = 0.0703 * x + 0.0027$$

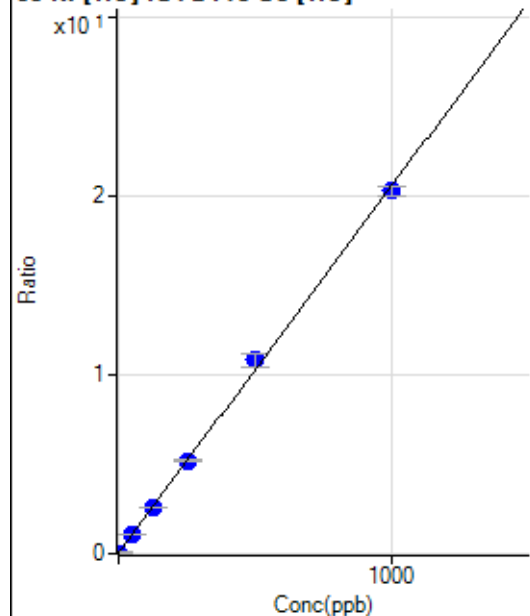
$$R = 0.9996$$

$$DL = 0.01464$$

$$BEC = 0.03868$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	571.13	0.0349	P	3.6
2	☐	0.100					
3	☐	1.000	0.850	862.26	0.0523	P	5.5
4	☐	50.000	49.580	17690.34	1.0508	P	2.7
5	☐	125.000	123.179	42500.34	2.5589	P	1.3
6	☐	250.000	251.028	81209.60	5.1785	P	1.5
7	☐	500.000	526.193	149530.06	10.8167	P	6.8
8	☐	1000.000	986.895	278819.42	20.2566	P	2.4
9	☐			2732.54	0.1947	P	9.5

$$y = 0.0205 * x + 0.0349$$

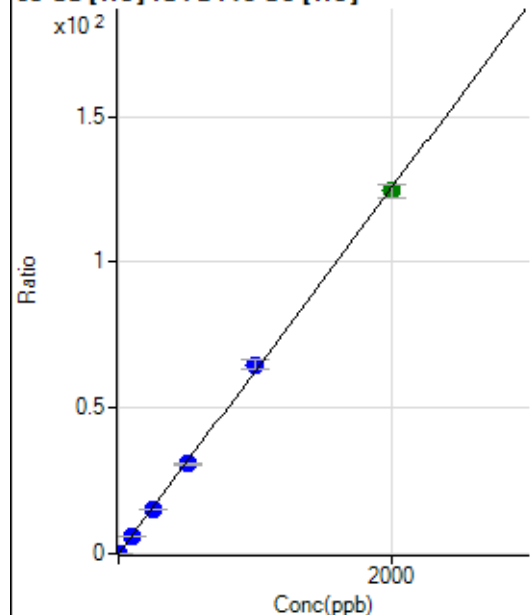
$$R = 0.9995$$

$$DL = 0.183$$

$$BEC = 1.703$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.34	0.0057	P	20.4
2	☐	0.200					
3	☐	2.000	1.714	1865.72	0.1132	P	3.8
4	☐	100.000	97.173	102686.80	6.0997	P	0.4
5	☐	250.000	240.790	250887.19	15.1062	P	2.2
6	☐	500.000	492.523	484404.15	30.8929	P	2.2
7	☐	1000.000	1036.142	898615.40	64.9845	P	5.9
8	☐	2000.000	1985.091	1713277.93	124.4951	A	3.5
9	☐			2256.89	0.1608	P	6.2

$$y = 0.0627 * x + 0.0057$$

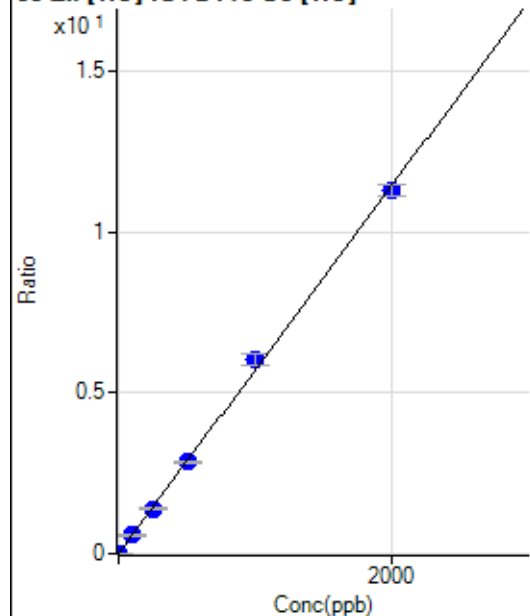
$$R = 0.9997$$

$$DL = 0.0558$$

$$BEC = 0.09119$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0009	P	46.3
2	☐	0.200					
3	☐	2.000	1.926	195.56	0.0119	P	10.6
4	☐	100.000	99.953	9623.49	0.5716	P	2.2
5	☐	250.000	243.325	23089.41	1.3903	P	2.6
6	☐	500.000	498.784	44679.63	2.8490	P	1.2
7	☐	1000.000	1054.947	83317.10	6.0248	P	5.8
8	☐	2000.000	1973.667	155121.35	11.2709	P	3.1
9	☐			543.36	0.0387	P	6.7

$$y = 0.0057 * x + 8.7722E-004$$

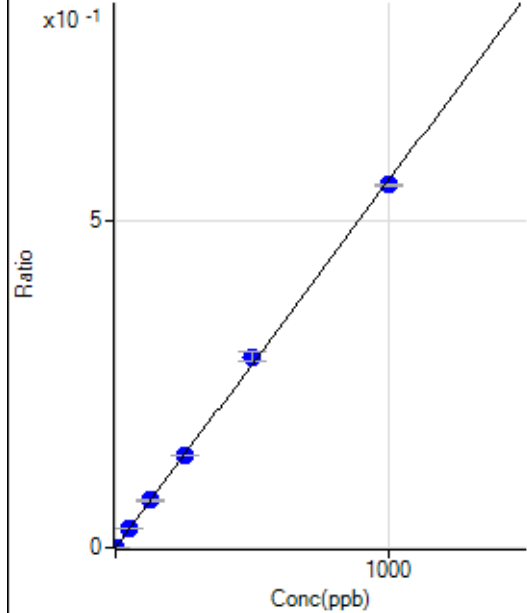
$$R = 0.9994$$

$$DL = 0.2134$$

$$BEC = 0.1536$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	32.8
2	☐	0.100					
3	☐	1.000	1.033	77.16	0.0006	P	8.8
4	☐	50.000	50.561	3582.59	0.0284	P	2.2
5	☐	125.000	128.592	8978.28	0.0721	P	1.3
6	☐	250.000	252.246	17207.71	0.1414	P	1.0
7	☐	500.000	520.665	32134.23	0.2917	P	4.4
8	☐	1000.000	988.629	60935.99	0.5539	P	0.5
9	☐			27.16	0.0002	P	41.9

$$y = 5.6019\text{E-}004 * x + 4.5246\text{E-}005$$

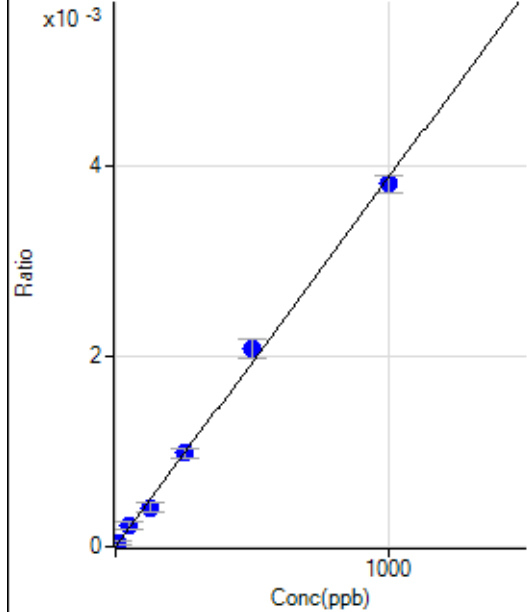
$$R = 0.9997$$

$$DL = 0.07946$$

$$BEC = 0.08077$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	9.226	4.44	0.0000	P	114.8
4	☐	50.000	56.793	27.78	0.0002	P	30.0
5	☐	125.000	106.025	51.11	0.0004	P	21.2
6	☐	250.000	254.673	120.00	0.0010	P	10.4
7	☐	500.000	534.991	228.89	0.0021	P	9.7
8	☐	1000.000	983.347	418.90	0.0038	P	4.6
9	☐			1.11	0.0000	P	173.2

$$y = 3.8715\text{E-}006 * x + 0.0000\text{E+}000$$

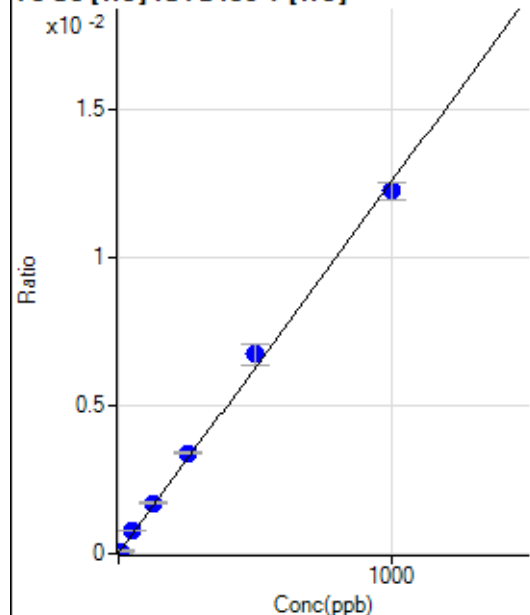
$$R = 0.9988$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	0.6
2	☐	0.500					
3	☐	5.000	5.117	9.88	0.0001	P	75.4
4	☐	50.000	60.660	98.15	0.0008	P	5.4
5	☐	125.000	135.667	214.20	0.0017	P	5.2
6	☐	250.000	269.587	414.21	0.0034	P	1.9
7	☐	500.000	534.822	740.77	0.0067	P	11.2
8	☐	1000.000	975.825	1350.70	0.0123	P	4.7
9	☐			0.62	0.0000	P	173.2

$$y = 1.2566E-005 * x + 1.5084E-005$$

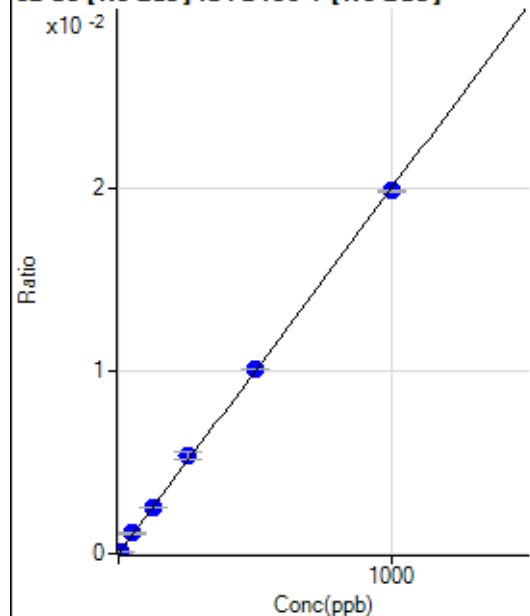
$$R = 0.9989$$

$$DL = 0.02246$$

$$BEC = 1.2$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-10.13	0.0000	P	-361.
2	☐	0.500					
3	☐	5.000	4.483	359.81	0.0001	P	11.6
4	☐	50.000	55.906	4468.24	0.0011	P	7.4
5	☐	125.000	127.873	10949.65	0.0026	P	1.5
6	☐	250.000	266.777	21959.59	0.0053	P	8.3
7	☐	500.000	504.493	42901.05	0.0101	P	0.1
8	☐	1000.000	992.907	83153.77	0.0198	P	0.7
9	☐			4.24	0.0000	P	287.0

$$y = 1.9982E-005 * x - 2.4837E-006$$

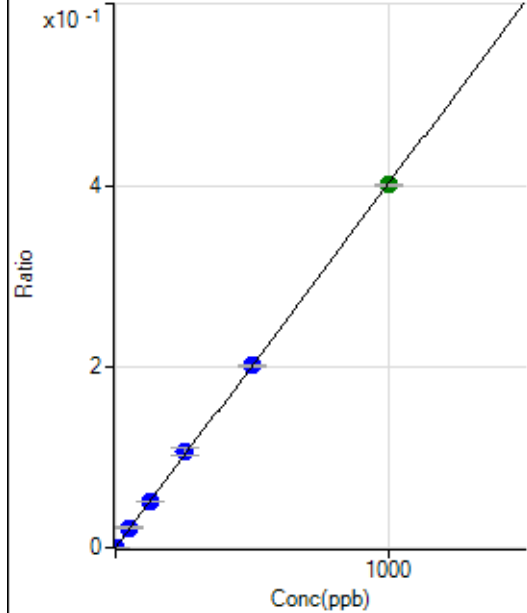
$$R = 0.9998$$

$$DL = 1.349$$

$$BEC = -0.1243$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.69	0.0001	P	17.9
2	☐	0.100					
3	☐	1.000	0.834	1808.54	0.0004	P	3.5
4	☐	50.000	53.334	86280.29	0.0215	P	8.3
5	☐	125.000	125.299	216352.69	0.0504	P	1.5
6	☐	250.000	264.353	437921.40	0.1063	P	9.3
7	☐	500.000	499.387	854479.60	0.2007	P	1.0
8	☐	1000.000	996.514	1678739.04	0.4005	A	0.6
9	☐			56791.34	0.0138	P	1.8

$$y = 4.0177\text{E-}004 * x + 1.0283\text{E-}004$$

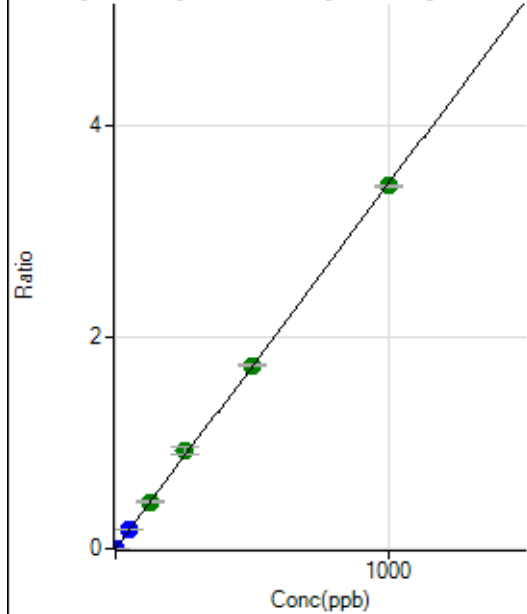
$$R = 0.9999$$

$$DL = 0.1377$$

$$BEC = 0.2559$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	30.3
2	☐	0.100					
3	☐	1.000	0.899	12898.29	0.0031	P	0.6
4	☐	50.000	53.108	734448.53	0.1832	P	7.3
5	☐	125.000	128.821	1905485.66	0.4443	A	1.3
6	☐	250.000	267.934	3806678.43	0.9240	A	9.1
7	☐	500.000	501.194	7357151.47	1.7284	A	1.2
8	☐	1000.000	994.286	14372919.5	3.4289	A	0.7
9	☐			491411.14	0.1195	P	0.4

$$y = 0.0034 * x + 2.4002\text{E-}005$$

$$R = 0.9998$$

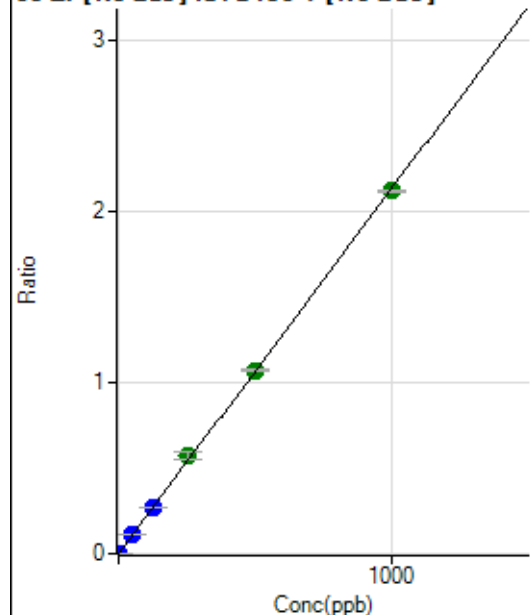
$$DL = 0.006331$$

$$BEC = 0.00696$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191.68	0.0000	P	30.6
2	☐	0.100					
3	☐	1.000	0.948	8525.30	0.0021	P	2.1
4	☐	50.000	52.568	448519.91	0.1119	P	8.2
5	☐	125.000	124.816	1139473.09	0.2657	P	0.7
6	☐	250.000	266.777	2340281.87	0.5678	A	8.0
7	☐	500.000	502.565	4552639.90	1.0695	A	0.6
8	☐	1000.000	994.418	8870631.54	2.1162	A	0.5
9	☐			1914.12	0.0005	P	4.5

$$y = 0.0021 * x + 4.7312E-005$$

$$R = 0.9998$$

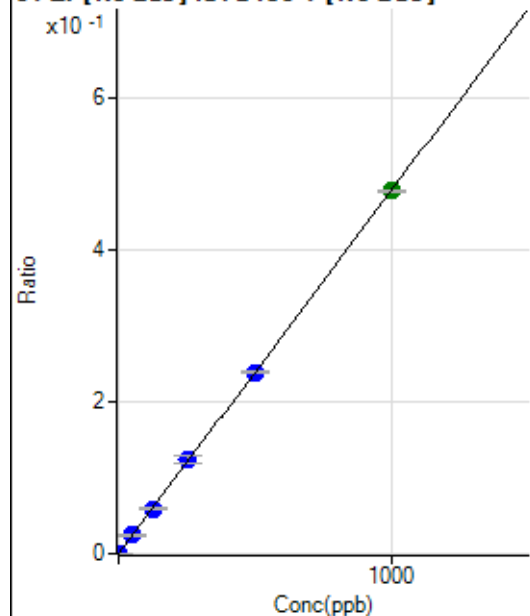
$$DL = 0.02039$$

$$BEC = 0.02223$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.0
2	☐	0.100					
3	☐	1.000	0.937	1908.56	0.0005	P	8.4
4	☐	50.000	51.776	99342.55	0.0248	P	7.6
5	☐	125.000	123.615	253637.56	0.0591	P	1.8
6	☐	250.000	259.676	511720.24	0.1242	P	9.1
7	☐	500.000	498.762	1015527.33	0.2386	P	0.8
8	☐	1000.000	998.284	2001548.20	0.4775	A	0.7
9	☐			344.46	0.0001	P	7.8

$$y = 4.7829E-004 * x + 1.3702E-005$$

$$R = 0.9999$$

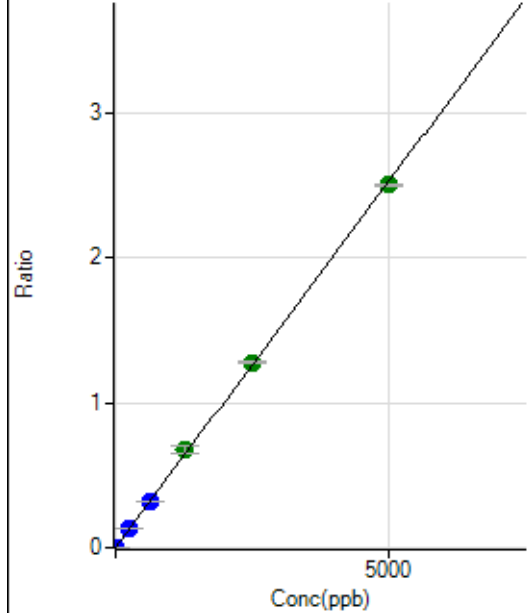
$$DL = 0.02661$$

$$BEC = 0.02865$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	13.3
2	☐	0.500					
3	☐	5.000	4.600	9698.28	0.0023	P	3.4
4	☐	250.000	264.631	535926.65	0.1337	P	8.3
5	☐	625.000	631.728	1368993.77	0.3192	P	1.2
6	☐	1250.000	1340.694	2791418.92	0.6774	A	8.5
7	☐	2500.000	2534.935	5451613.79	1.2807	A	1.0
8	☐	5000.000	4958.287	10500514.2	2.5050	A	0.7
9	☐			4267.54	0.0010	P	7.8

$$y = 5.0521\text{E-}004 * x + 2.3995\text{E-}005$$

$$R = 0.9998$$

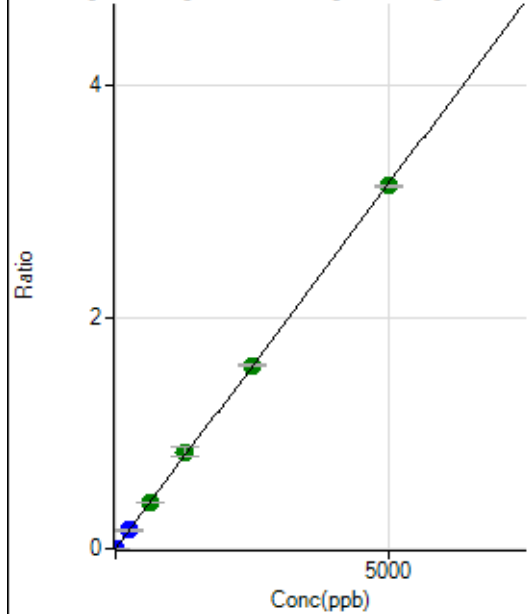
$$DL = 0.01893$$

$$BEC = 0.04749$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	29.9
2	☐	0.500					
3	☐	5.000	4.284	11230.11	0.0027	P	2.4
4	☐	250.000	260.418	657594.78	0.1641	P	8.2
5	☐	625.000	638.230	1724655.53	0.4021	A	1.1
6	☐	1250.000	1328.770	3449138.27	0.8371	A	8.9
7	☐	2500.000	2511.927	6736383.22	1.5825	A	0.4
8	☐	5000.000	4972.170	13130630.4	3.1325	A	0.4
9	☐			6579.69	0.0016	P	2.7

$$y = 6.2999\text{E-}004 * x + 1.9880\text{E-}005$$

$$R = 0.9999$$

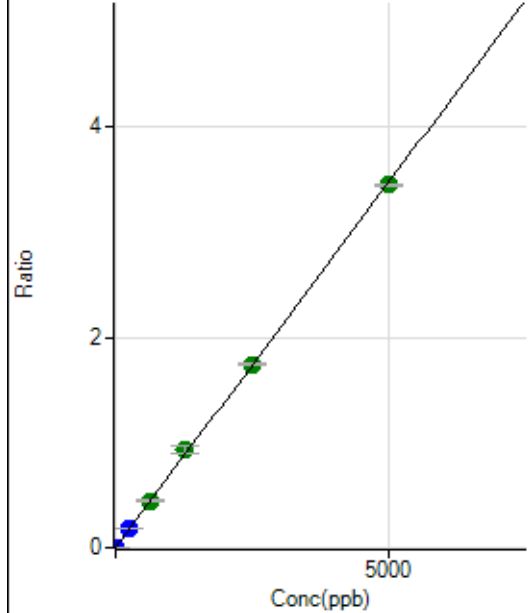
$$DL = 0.02834$$

$$BEC = 0.03156$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	25.4
2	☐	0.500					
3	☐	5.000	4.500	13009.56	0.0031	P	2.3
4	☐	250.000	261.863	729261.06	0.1819	P	8.0
5	☐	625.000	641.743	1912167.16	0.4458	A	2.1
6	☐	1250.000	1342.575	3841489.19	0.9327	A	9.6
7	☐	2500.000	2513.141	7431943.13	1.7459	A	1.0
8	☐	5000.000	4967.600	14466465.0	3.4511	A	0.5
9	☐			8261.24	0.0020	P	4.7

$$y = 6.9471\text{E-}004 * x + 2.3302\text{E-}005$$

$$R = 0.9998$$

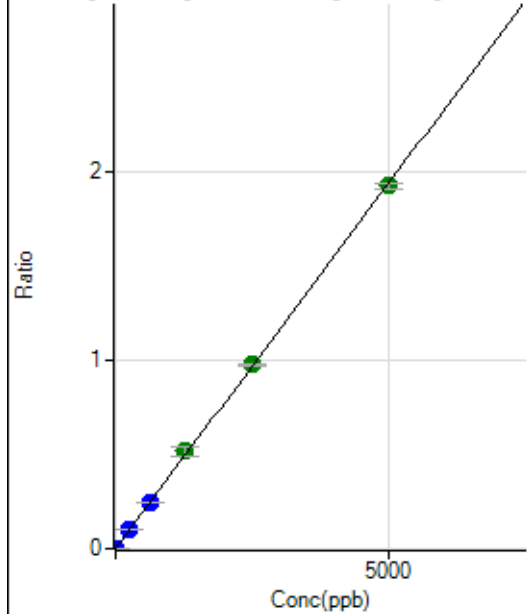
$$DL = 0.02558$$

$$BEC = 0.03354$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	36.5
2	☐	0.500					
3	☐	5.000	4.396	7107.71	0.0017	P	6.9
4	☐	250.000	262.667	408288.02	0.1018	P	6.8
5	☐	625.000	626.533	1041552.05	0.2428	P	0.7
6	☐	1250.000	1333.859	2129369.86	0.5170	A	9.3
7	☐	2500.000	2521.617	4159785.25	0.9773	A	1.3
8	☐	5000.000	4967.402	8069399.66	1.9251	A	1.4
9	☐			3892.42	0.0009	P	4.9

$$y = 3.8755\text{E-}004 * x + 1.7129\text{E-}005$$

$$R = 0.9998$$

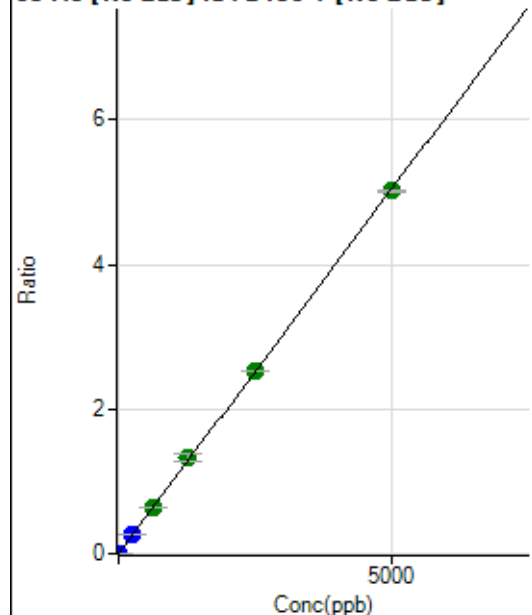
$$DL = 0.04841$$

$$BEC = 0.0442$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	35.6
2	☐	0.500					
3	☐	5.000	4.517	18888.95	0.0046	P	4.5
4	☐	250.000	261.980	1058451.57	0.2640	P	7.4
5	☐	625.000	631.746	2730346.18	0.6366	A	1.0
6	☐	1250.000	1315.135	5458378.85	1.3251	A	9.3
7	☐	2500.000	2507.614	10755391.6	2.5267	A	0.6
8	☐	5000.000	4978.467	21027555.6	5.0163	A	0.3
9	☐			9990.22	0.0024	P	4.2

$$y = 0.0010 * x + 2.1935E-005$$

$$R = 0.9999$$

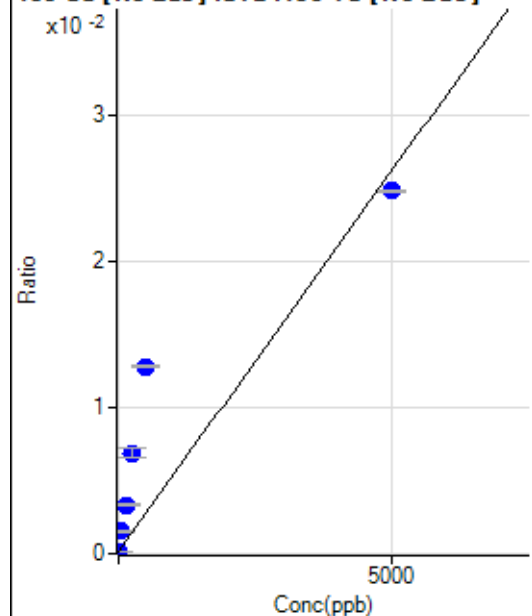
$$DL = 0.02322$$

$$BEC = 0.02177$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	727.83	0.0001	P	4.9
2	☐	0.100					
3	☐	1.000	1.606	797.29	0.0002	P	15.1
4	☐	50.000	266.856	7944.36	0.0015	P	4.1
5	☐	125.000	610.662	18630.22	0.0033	P	2.1
6	☐	250.000	1291.965	37132.80	0.0069	P	8.9
7	☐	500.000	2427.450	72006.69	0.0128	P	1.0
8	☐	5000.000	4740.846	141053.23	0.0248	P	0.9
9	☐			647.27	0.0001	P	14.3

$$y = 5.1977E-006 * x + 1.4290E-004$$

$$R = 0.9107$$

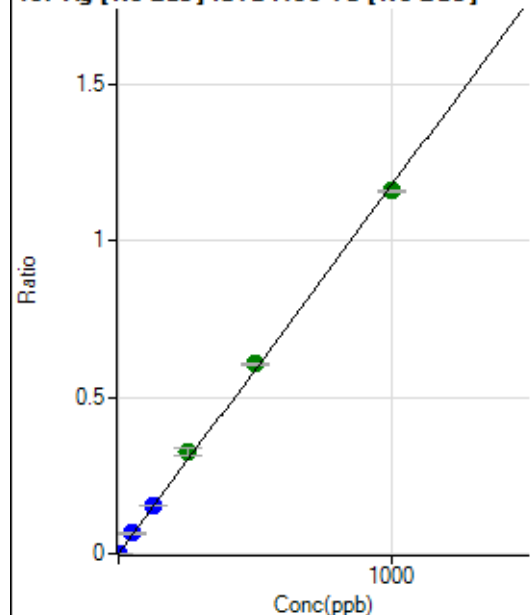
$$DL = 4.048$$

$$BEC = 27.49$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	52.7
2	☐	0.100					
3	☐	1.000	0.926	5809.88	0.0011	P	1.4
4	☐	50.000	55.936	340928.44	0.0659	P	7.1
5	☐	125.000	129.368	855205.09	0.1523	P	1.3
6	☐	250.000	275.978	1759964.02	0.3249	A	7.7
7	☐	500.000	514.765	3419228.98	0.6059	A	0.4
8	☐	1000.000	985.280	6600268.63	1.1597	A	0.2
9	☐			502.81	0.0001	P	8.5

$$y = 0.0012 * x + 1.2544E-005$$

$$R = 0.9995$$

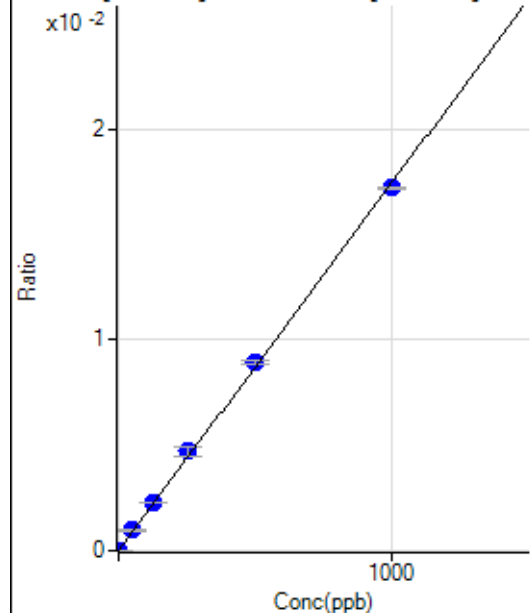
$$DL = 0.01685$$

$$BEC = 0.01066$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.1
2	☐	0.100					
3	☐	1.000	0.951	95.84	0.0000	P	12.3
4	☐	50.000	55.231	4992.71	0.0010	P	6.6
5	☐	125.000	131.401	12870.23	0.0023	P	0.5
6	☐	250.000	270.508	25532.80	0.0047	P	9.0
7	☐	500.000	512.894	50450.02	0.0089	P	1.2
8	☐	1000.000	987.364	97938.61	0.0172	P	0.3
9	☐			22.22	0.0000	P	28.1

$$y = 1.7427E-005 * x + 1.6351E-006$$

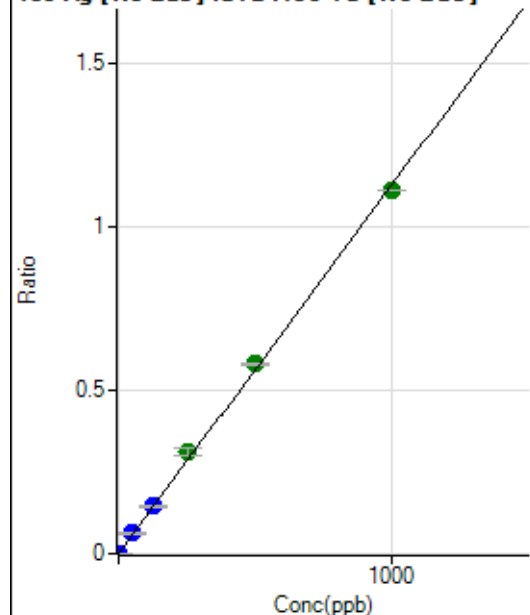
$$R = 0.9996$$

$$DL = 0.2817$$

$$BEC = 0.09382$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	105.9
2	☐	0.100					
3	☐	1.000	0.952	5695.89	0.0011	P	3.7
4	☐	50.000	55.512	324040.78	0.0626	P	7.4
5	☐	125.000	129.197	818007.28	0.1457	P	2.1
6	☐	250.000	275.010	1679631.81	0.3101	A	8.0
7	☐	500.000	516.016	3283110.45	0.5818	A	0.9
8	☐	1000.000	984.939	6319968.98	1.1105	A	0.2
9	☐			497.26	0.0001	P	7.1

$$y = 0.0011 * x + 8.1786E-006$$

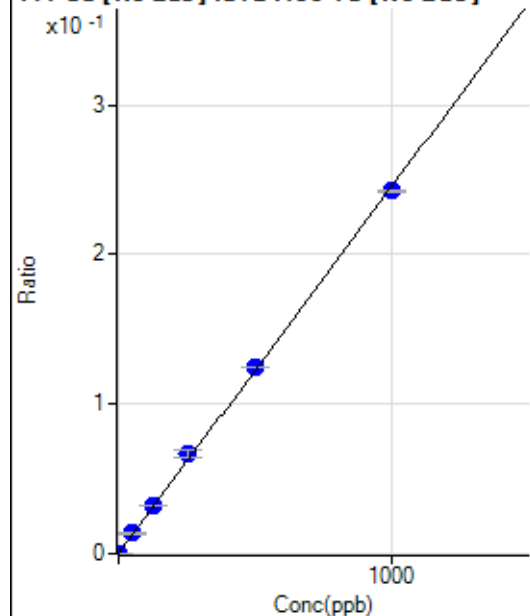
$$R = 0.9995$$

$$DL = 0.02304$$

$$BEC = 0.007254$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.37	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.905	1699.43	0.0003	P	5.5
4	☐	50.000	55.004	70336.97	0.0136	P	7.1
5	☐	125.000	129.571	178935.13	0.0319	P	2.0
6	☐	250.000	271.561	361013.36	0.0667	P	8.8
7	☐	500.000	509.735	705727.14	0.1251	P	0.3
8	☐	1000.000	988.921	1380285.63	0.2425	P	0.4
9	☐			686.15	0.0001	P	15.9

$$y = 2.4514E-004 * x + 1.0079E-004$$

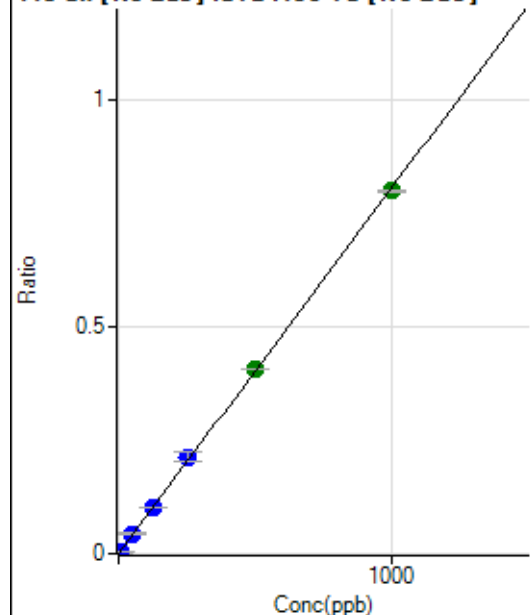
$$R = 0.9997$$

$$DL = 0.06637$$

$$BEC = 0.4112$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	522.26	0.0001	P	23.0
2	☐	0.500					
3	☐	5.000	4.503	19648.63	0.0037	P	1.3
4	☐	50.000	53.203	222337.31	0.0430	P	7.7
5	☐	125.000	124.706	564689.07	0.1006	P	1.2
6	☐	250.000	264.544	1154350.34	0.2132	P	8.8
7	☐	500.000	506.984	2305074.38	0.4085	A	0.1
8	☐	1000.000	992.751	4551560.91	0.7998	A	0.5
9	☐			4998.38	0.0009	P	3.8

$$y = 8.0549\text{E-}004 * x + 1.0251\text{E-}004$$

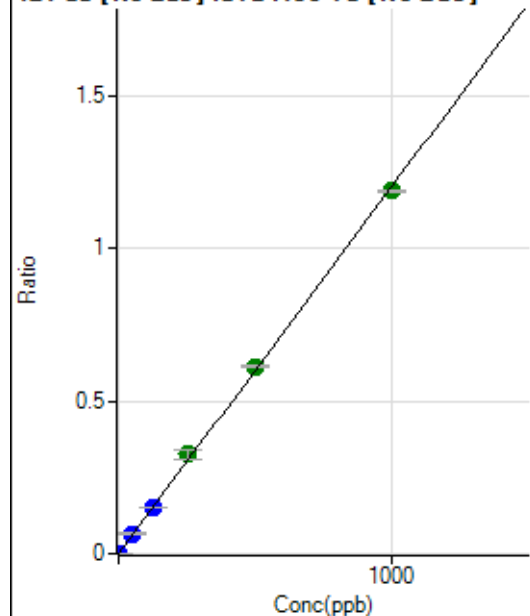
$$R = 0.9998$$

$$DL = 0.08766$$

$$BEC = 0.1273$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0000	P	56.1
2	☐	0.200					
3	☐	2.000	1.801	11497.14	0.0022	P	1.0
4	☐	50.000	53.445	332298.20	0.0642	P	6.3
5	☐	125.000	126.440	852131.71	0.1517	P	1.8
6	☐	250.000	270.900	1760001.93	0.3251	A	9.1
7	☐	500.000	509.888	3452784.19	0.6119	A	0.6
8	☐	1000.000	989.479	6757427.76	1.1873	A	0.8
9	☐			7822.11	0.0014	P	4.5

$$y = 0.0012 * x + 2.1801\text{E-}005$$

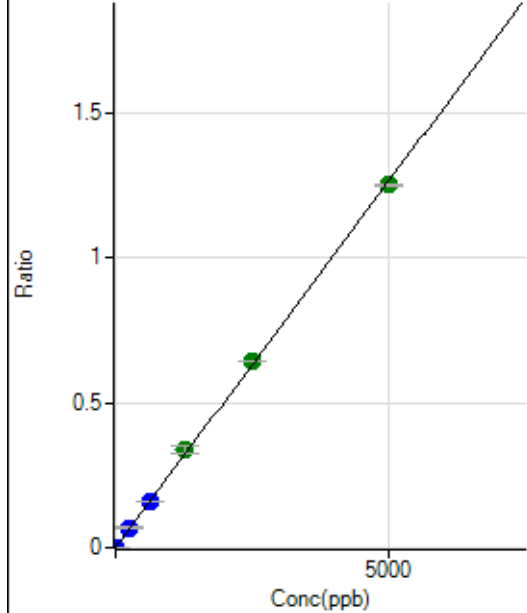
$$R = 0.9997$$

$$DL = 0.03058$$

$$BEC = 0.01817$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.6
2	☐	1.000					
3	☐	10.000	8.934	11919.73	0.0023	P	1.2
4	☐	250.000	268.579	351725.20	0.0679	P	7.5
5	☐	625.000	629.231	893820.12	0.1592	P	1.8
6	☐	1250.000	1344.001	1840613.13	0.3400	A	9.0
7	☐	2500.000	2541.448	3627766.53	0.6429	A	0.4
8	☐	5000.000	4954.320	7132261.27	1.2532	A	0.8
9	☐			2005.80	0.0004	P	4.3

$$y = 2.5295E-004 * x + 2.7239E-006$$

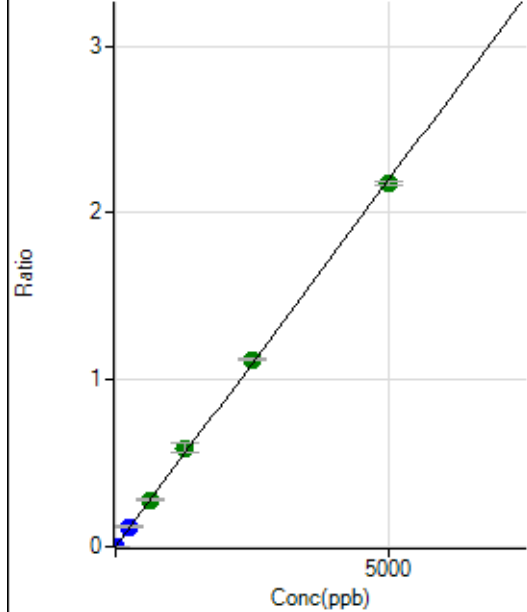
$$R = 0.9997$$

$$DL = 0.02959$$

$$BEC = 0.01077$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	60.8
2	☐	1.000					
3	☐	10.000	9.166	21265.18	0.0040	P	1.4
4	☐	250.000	269.062	611867.36	0.1182	P	7.3
5	☐	625.000	636.212	1569127.32	0.2794	A	2.1
6	☐	1250.000	1348.711	3208039.87	0.5924	A	8.4
7	☐	2500.000	2550.858	6322210.51	1.1203	A	0.5
8	☐	5000.000	4947.540	12366664.1	2.1729	A	1.0
9	☐			3506.16	0.0006	P	9.9

$$y = 4.3919E-004 * x + 1.0916E-005$$

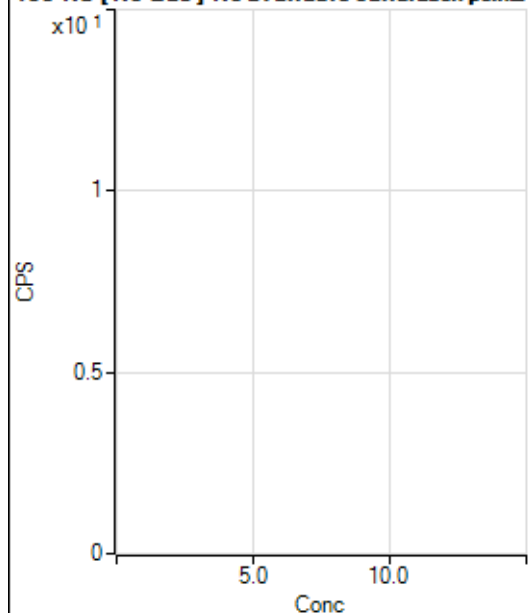
$$R = 0.9997$$

$$DL = 0.04532$$

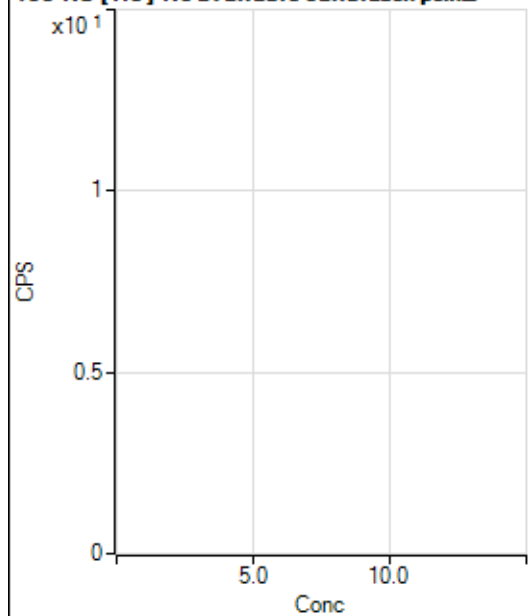
$$BEC = 0.02485$$

Weight: <None>

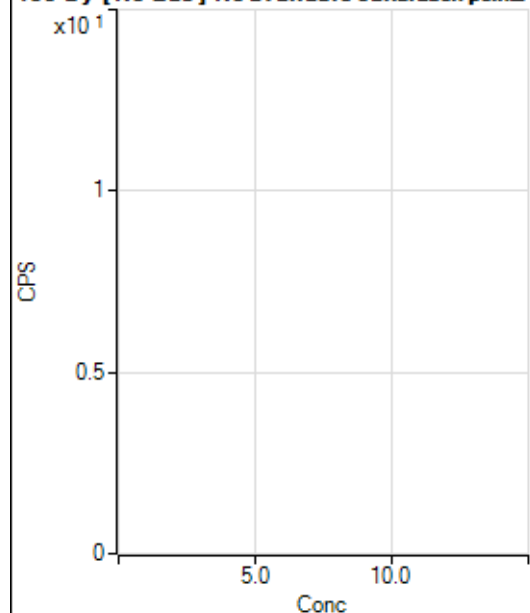
Min Conc: 0

150 Nd [No Gas] No available calibration points

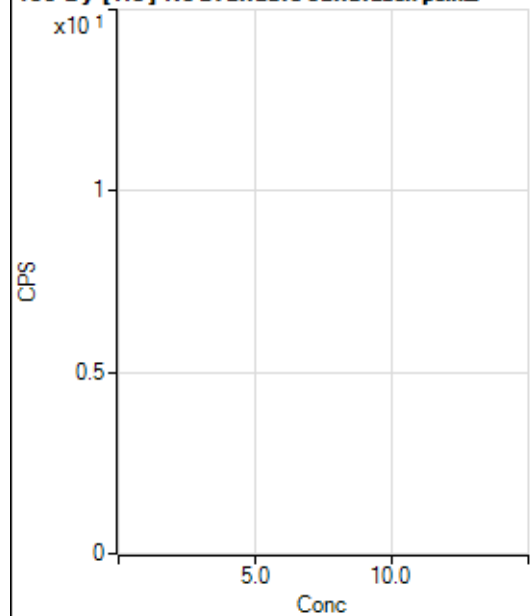
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			20.00		P	66.7
4	☐			37.78		P	50.9
5	☐			55.56		P	34.6
6	☐			75.56		P	13.5
7	☐			160.01		P	26.0
8	☐			326.69		P	28.9
9	☐			40.00		P	72.6

150 Nd [He] No available calibration points

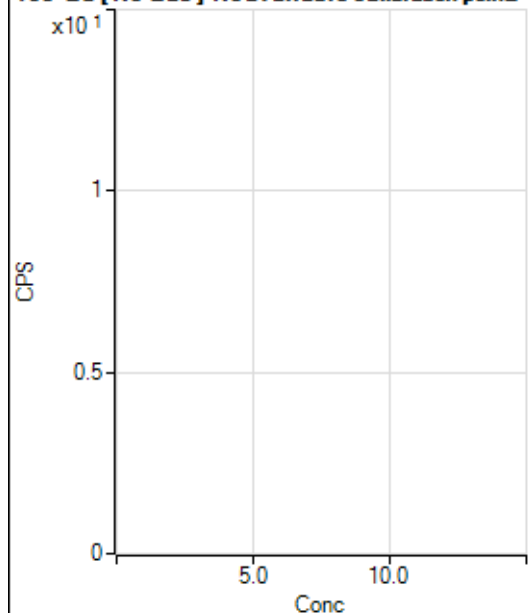
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			0.00		P	
7	☐			2.22		P	173.2
8	☐			7.78		P	49.5
9	☐			5.56		P	91.6

156 Dy [No Gas] No available calibration points

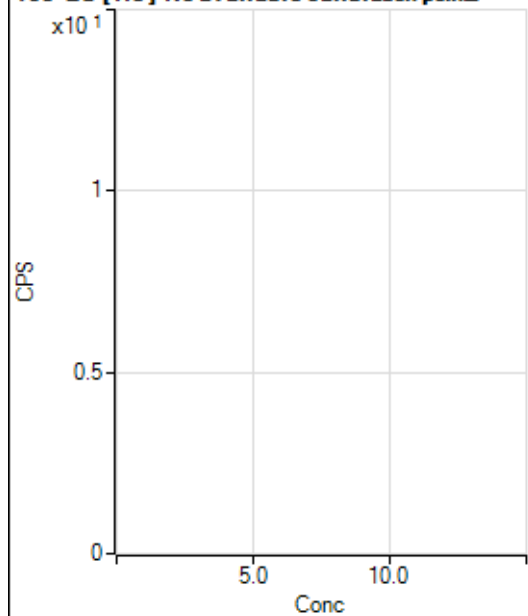
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			13.89		P	91.6
4	☐			13.89		P	91.6
5	☐			19.44		P	65.5
6	☐			13.89		P	34.7
7	☐			50.00		P	28.9
8	☐			75.01		P	29.4
9	☐			63.89		P	15.1

156 Dy [He] No available calibration points

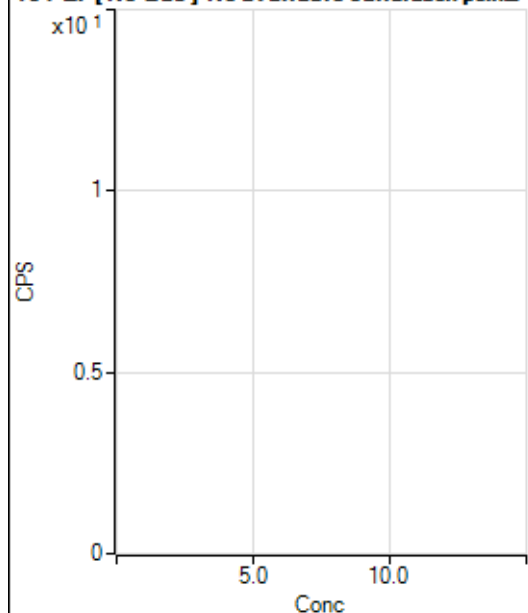
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			4.44		P	43.4
7	☐			3.33		P	0.0
8	☐			7.78		P	65.5
9	☐			5.56		P	34.7

160 Gd [No Gas] Noavailable calibration poin_

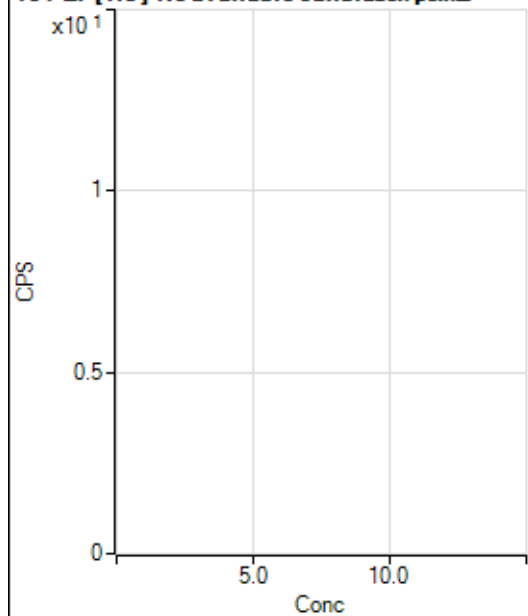
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.00		P	0.0
2	☐						
3	☐			41.67		P	20.0
4	☐			22.22		P	43.3
5	☐			25.00		P	33.3
6	☐			36.11		P	48.0
7	☐			38.89		P	86.6
8	☐			63.89		P	7.5
9	☐			61.12		P	61.5

160 Gd [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	21.6
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	173.2
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			6.67		P	50.0
8	☐			11.11		P	75.5
9	☐			10.00		P	66.7

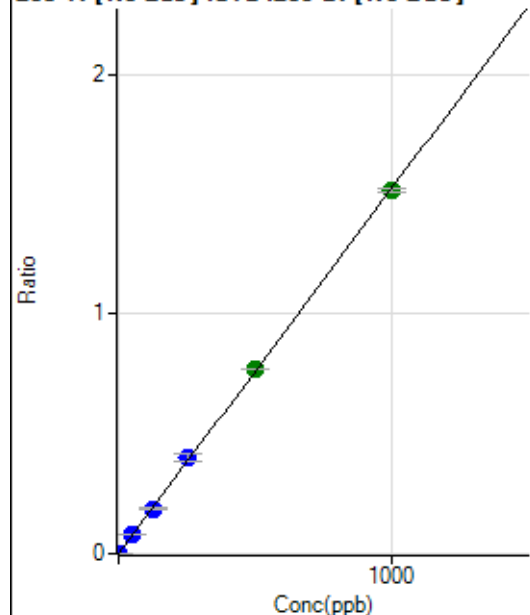
164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			33.33		P	25.0
4	☐			19.44		P	137.8
5	☐			13.89		P	124.9
6	☐			27.78		P	45.8
7	☐			36.11		P	26.7
8	☐			47.22		P	62.0
9	☐			47.22		P	44.4

164 Er [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			2.22		P	173.2
4	☐			4.44		P	43.4
5	☐			4.44		P	114.6
6	☐			2.22		P	86.6
7	☐			5.55		P	124.9
8	☐			6.67		P	50.0
9	☐			6.67		P	86.6

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	13.1
2	☐	0.100					
3	☐	1.000	0.905	5090.14	0.0014	P	3.7
4	☐	50.000	51.778	276092.91	0.0789	P	6.6
5	☐	125.000	123.192	709104.44	0.1876	P	1.6
6	☐	250.000	261.064	1456181.78	0.3975	P	8.2
7	☐	500.000	506.667	2981073.07	0.7715	A	0.5
8	☐	1000.000	994.038	5878034.81	1.5136	A	1.1
9	☐			2881.03	0.0008	P	4.6

$$y = 0.0015 * x + 4.6506E-005$$

$$R = 0.9999$$

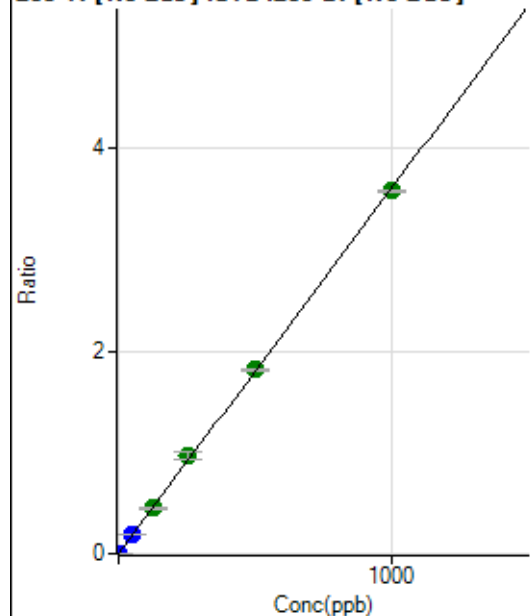
$$DL = 0.01204$$

$$BEC = 0.03054$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	319.47	0.0001	P	5.3
2	☐	0.100					
3	☐	1.000	0.891	11814.39	0.0033	P	6.4
4	☐	50.000	52.178	658671.32	0.1883	P	7.6
5	☐	125.000	124.690	1699944.46	0.4498	A	2.1
6	☐	250.000	267.100	3530023.65	0.9634	A	7.6
7	☐	500.000	504.371	7029064.04	1.8192	A	0.9
8	☐	1000.000	993.469	13915573.2	3.5831	A	0.6
9	☐			7057.91	0.0019	P	4.2

$$y = 0.0036 * x + 9.2198E-005$$

$$R = 0.9998$$

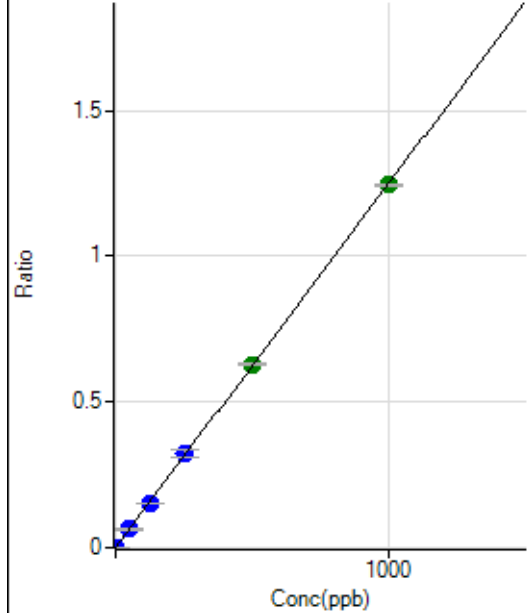
$$DL = 0.004064$$

$$BEC = 0.02556$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	229.64	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.887	4193.43	0.0012	P	4.2
4	☐	50.000	51.560	225320.53	0.0644	P	7.9
5	☐	125.000	121.293	572362.40	0.1514	P	1.7
6	☐	250.000	259.399	1186168.31	0.3238	P	7.9
7	☐	500.000	502.408	2422949.47	0.6271	A	0.9
8	☐	1000.000	996.832	4831522.45	1.2441	A	0.7
9	☐			9244.41	0.0026	P	1.3

$$y = 0.0012 * x + 6.6279E-005$$

$$R = 0.9999$$

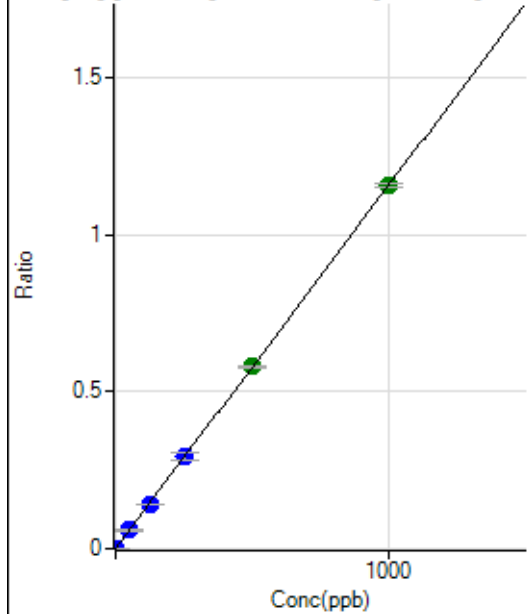
$$DL = 0.01567$$

$$BEC = 0.05311$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	196.30	0.0001	P	19.1
2	☐	0.100					
3	☐	1.000	0.830	3639.53	0.0010	P	6.7
4	☐	50.000	50.342	204231.70	0.0584	P	7.4
5	☐	125.000	119.773	524571.78	0.1388	P	1.1
6	☐	250.000	253.444	1076009.75	0.2936	P	7.2
7	☐	500.000	501.470	2244601.12	0.5809	A	0.6
8	☐	1000.000	999.040	4494392.29	1.1572	A	1.2
9	☐			7808.19	0.0022	P	2.6

$$y = 0.0012 * x + 5.6671E-005$$

$$R = 1.0000$$

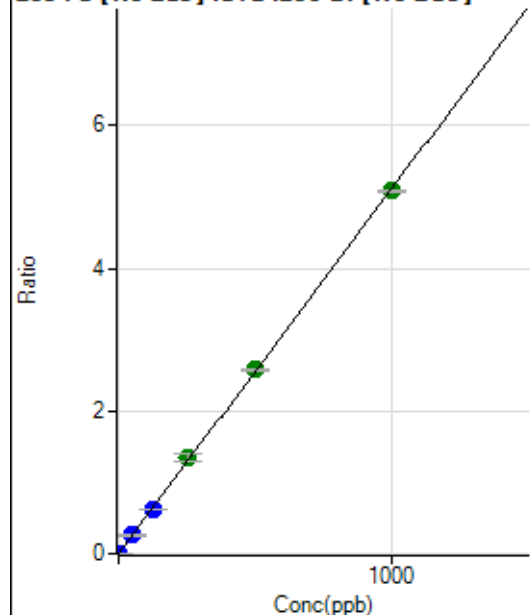
$$DL = 0.02799$$

$$BEC = 0.04893$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	907.45	0.0003	P	7.3
2	☐	0.100					
3	☐	1.000	0.854	16536.20	0.0046	P	2.7
4	☐	50.000	51.183	916325.84	0.2619	P	7.7
5	☐	125.000	121.598	2350649.86	0.6219	P	1.3
6	☐	250.000	261.933	4907677.92	1.3394	A	7.5
7	☐	500.000	504.854	9974148.69	2.5813	A	0.7
8	☐	1000.000	994.956	19756103.1	5.0870	A	0.6
9	☐			36243.57	0.0100	P	2.1

$$y = 0.0051 * x + 2.6194E-004$$

$$R = 0.9999$$

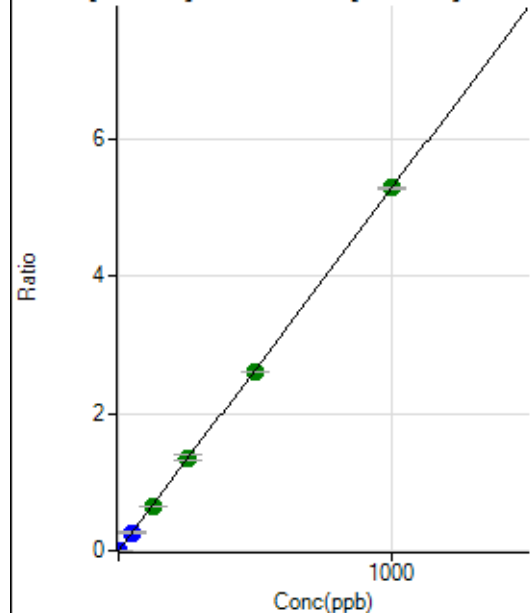
$$DL = 0.01122$$

$$BEC = 0.05123$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	58.9
2	☐	0.100					
3	☐	1.000	0.814	15410.22	0.0043	P	0.7
4	☐	50.000	50.430	930923.18	0.2661	P	7.2
5	☐	125.000	122.351	2439369.22	0.6455	A	2.4
6	☐	250.000	257.432	4976661.96	1.3581	A	7.4
7	☐	500.000	493.706	10063370.3	2.6045	A	1.1
8	☐	1000.000	1001.599	20520248.9	5.2838	A	0.5
9	☐			1519.61	0.0004	P	2.9

$$y = 0.0053 * x + 2.0023E-005$$

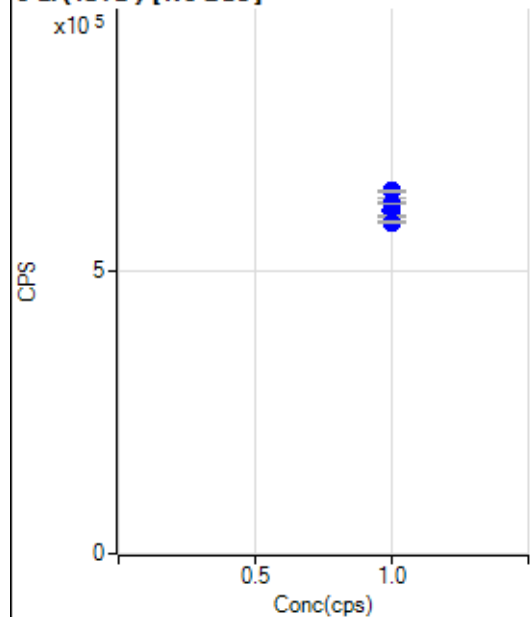
$$R = 0.9999$$

$$DL = 0.006708$$

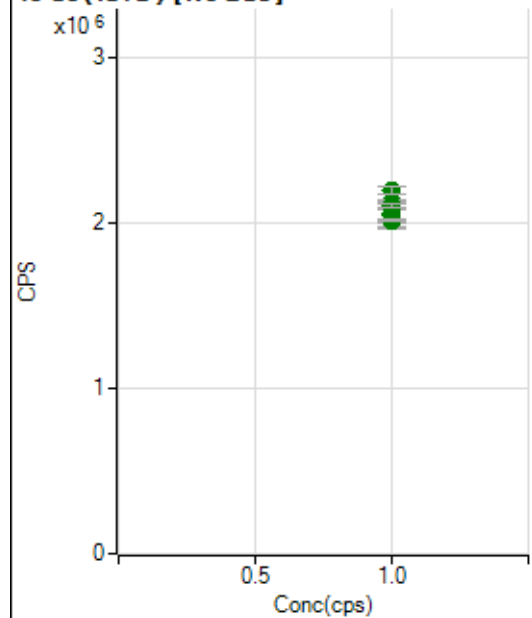
$$BEC = 0.003796$$

Weight: <None>

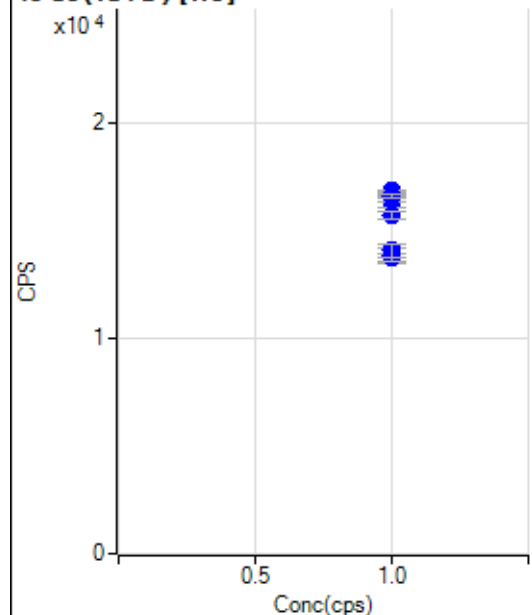
Min Conc: 0

6 Li (ISTD) [No Gas]

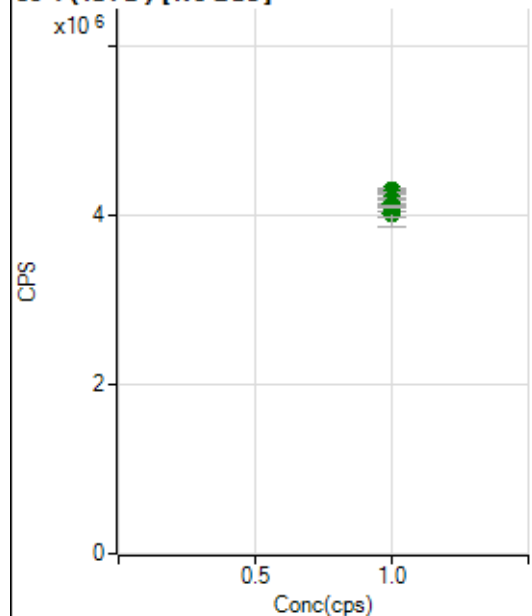
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		622775.15		P	0.7
2	☐	1.000					
3	☐	1.000		623650.12		P	0.6
4	☐	1.000		607721.09		P	7.2
5	☐	1.000		643382.61		P	0.8
6	☐	1.000		609849.26		P	7.2
7	☐	1.000		621141.25		P	0.3
8	☐	1.000		599624.42		P	0.4
9	☐	1.000		587668.83		P	0.7

45 Sc (ISTD) [No Gas]

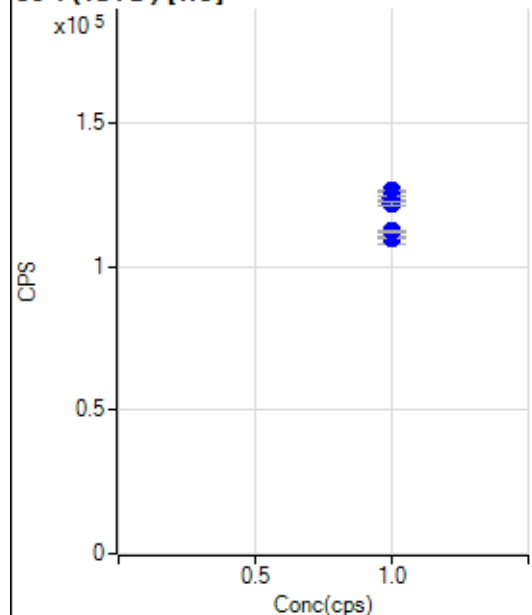
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2086860.03		A	0.9
2	☐	1.000					
3	☐	1.000		2133846.64		A	0.2
4	☐	1.000		2045931.82		A	7.4
5	☐	1.000		2194232.99		A	2.2
6	☐	1.000		2060320.70		A	7.7
7	☐	1.000		2101364.24		A	1.0
8	☐	1.000		2008217.58		A	0.7
9	☐	1.000		2018698.33		A	1.1

45 Sc (ISTD) [He]

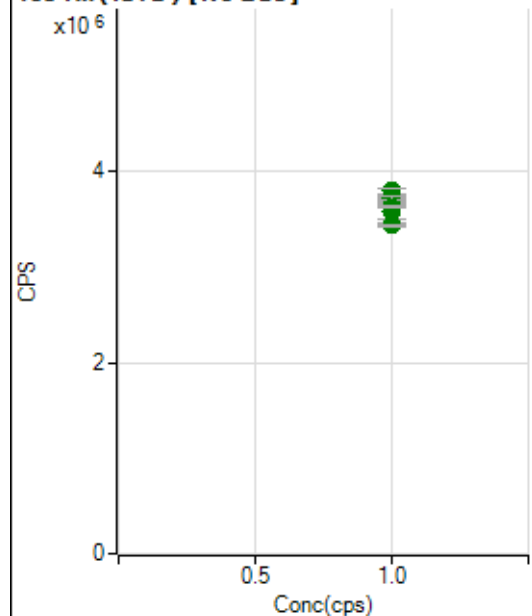
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16364.17		P	3.2
2	☐	1.000					
3	☐	1.000		16482.08		P	1.4
4	☐	1.000		16834.74		P	0.3
5	☐	1.000		16611.14		P	1.4
6	☐	1.000		15685.60		P	2.4
7	☐	1.000		13857.08		P	5.3
8	☐	1.000		13770.27		P	2.7
9	☐	1.000		14060.54		P	4.3

89 Y (ISTD) [No Gas]

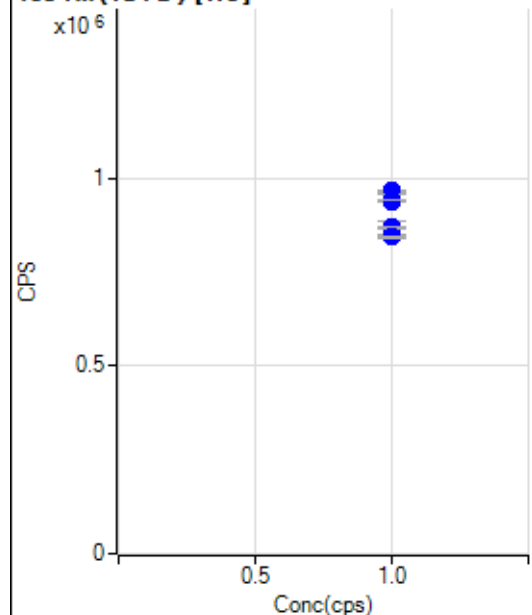
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4052861.16		A	0.3
2	☐	1.000					
3	☐	1.000		4130731.88		A	0.1
4	☐	1.000		4024871.05		A	8.1
5	☐	1.000		4289416.08		A	1.0
6	☐	1.000		4139612.26		A	8.0
7	☐	1.000		4256833.69		A	0.7
8	☐	1.000		4191863.17		A	0.6
9	☐	1.000		4113687.55		A	0.5

89 Y (ISTD) [He]

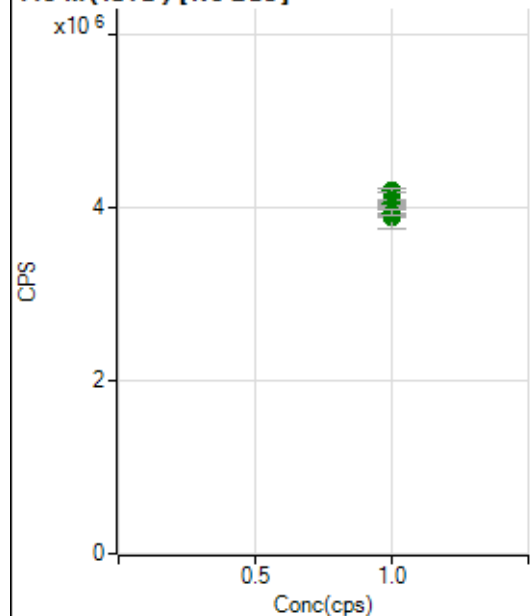
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		122648.63		P	0.6
2	☐	1.000					
3	☐	1.000		123699.72		P	1.2
4	☐	1.000		126282.47		P	0.6
5	☐	1.000		124557.33		P	0.3
6	☐	1.000		121744.28		P	0.9
7	☐	1.000		110286.15		P	4.1
8	☐	1.000		110017.44		P	0.5
9	☐	1.000		112165.69		P	0.4

103 Rh (ISTD) [No Gas]

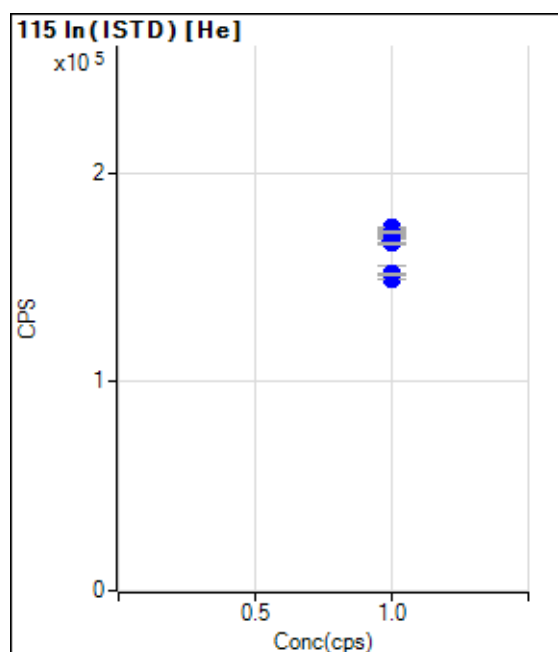
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3649676.21		A	0.6
2	☐	1.000					
3	☐	1.000		3694316.84		A	1.0
4	☐	1.000		3584918.27		A	7.3
5	☐	1.000		3796074.26		A	1.5
6	☐	1.000		3632322.61		A	7.3
7	☐	1.000		3726619.14		A	0.9
8	☐	1.000		3628281.33		A	0.4
9	☐	1.000		3435555.11		A	0.7

103 Rh (ISTD) [He]

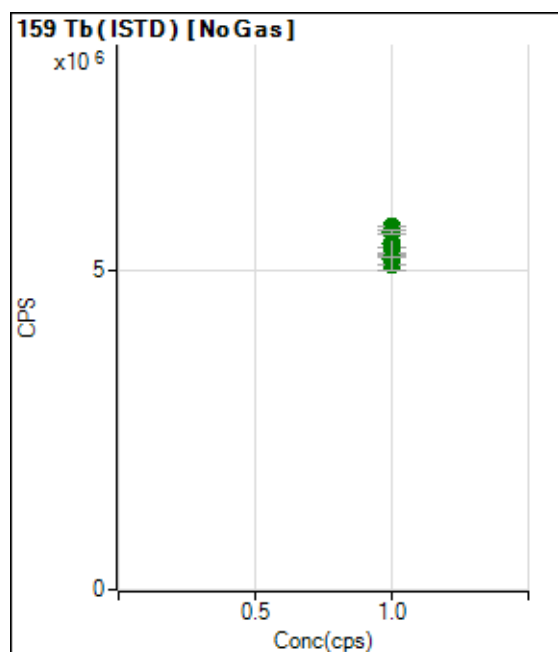
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		938171.30		P	0.3
2	☐	1.000					
3	☐	1.000		943651.49		P	0.3
4	☐	1.000		966451.03		P	0.8
5	☐	1.000		958323.09		P	0.3
6	☐	1.000		942840.79		P	0.4
7	☐	1.000		868000.14		P	4.4
8	☐	1.000		868878.99		P	0.3
9	☐	1.000		843928.25		P	0.5

115 In (ISTD) [No Gas]

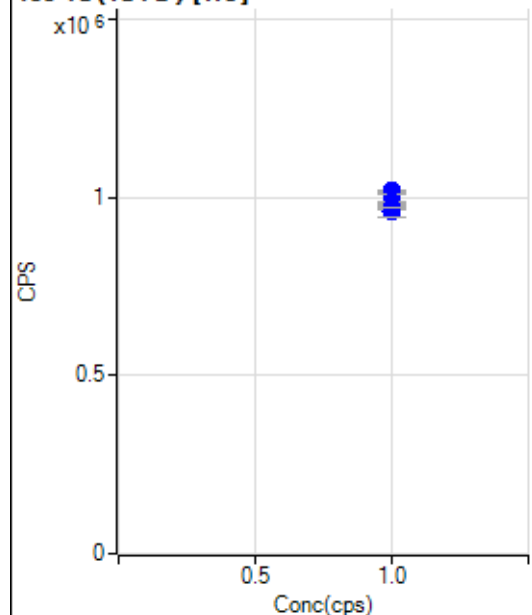
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3912378.33		A	0.7
2	☐	1.000					
3	☐	1.000		4038324.87		A	1.0
4	☐	1.000		3891711.96		A	7.2
5	☐	1.000		4189291.03		A	1.0
6	☐	1.000		4032812.27		A	6.9
7	☐	1.000		4089635.15		A	0.2
8	☐	1.000		4005046.76		A	0.5
9	☐	1.000		3936654.16		A	1.5



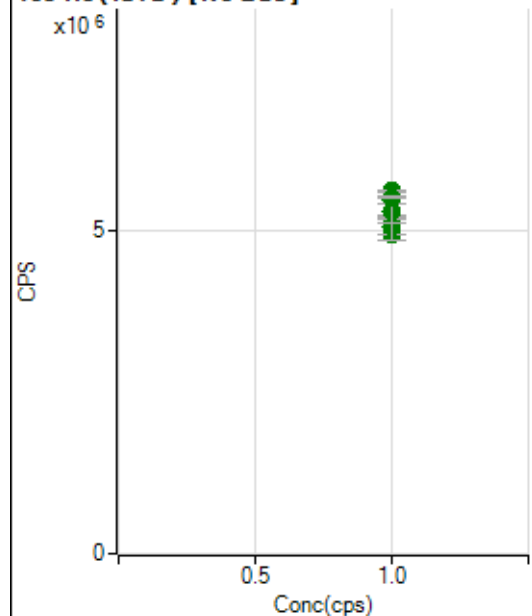
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		167466.06		P	0.8
2	☐	1.000					
3	☐	1.000		169397.39		P	0.6
4	☐	1.000		173574.82		P	0.9
5	☐	1.000		171518.07		P	0.2
6	☐	1.000		166140.59		P	0.3
7	☐	1.000		151997.50		P	4.1
8	☐	1.000		149341.19		P	0.1
9	☐	1.000		151668.42		P	0.6



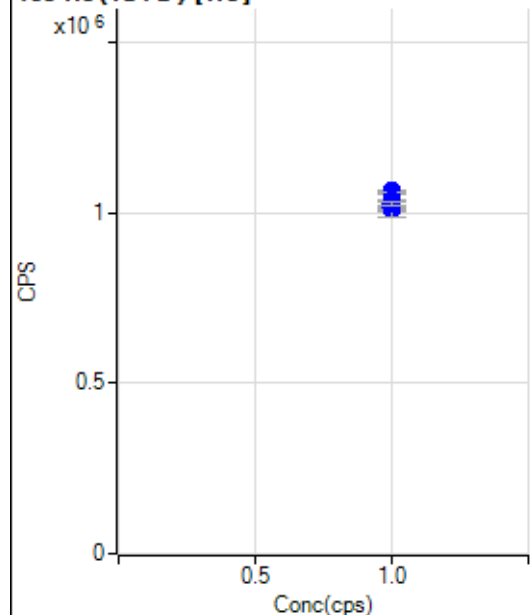
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5093485.69		A	0.2
2	☐	1.000					
3	☐	1.000		5267913.81		A	0.8
4	☐	1.000		5194618.05		A	7.2
5	☐	1.000		5616474.85		A	1.3
6	☐	1.000		5438711.83		A	7.5
7	☐	1.000		5643147.14		A	0.2
8	☐	1.000		5691226.10		A	0.1
9	☐	1.000		5620181.65		A	1.0

159 Tb (ISTD) [He]

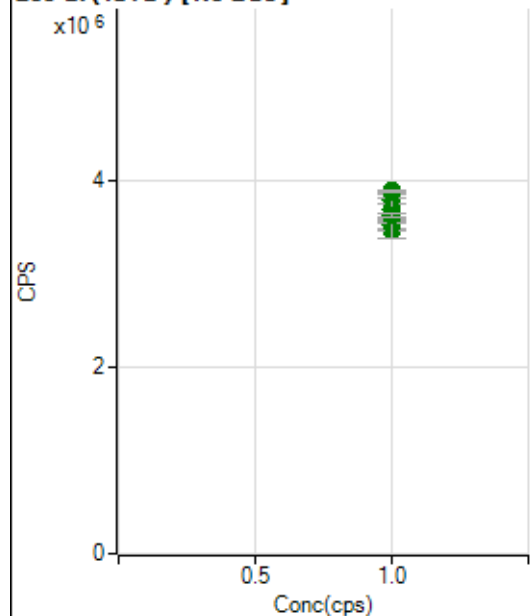
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		969343.08		P	0.5
2	☐	1.000					
3	☐	1.000		976232.75		P	0.2
4	☐	1.000		1019819.28		P	0.4
5	☐	1.000		1013824.01		P	0.3
6	☐	1.000		1011318.49		P	0.2
7	☐	1.000		964831.21		P	4.0
8	☐	1.000		987192.05		P	0.3
9	☐	1.000		973222.95		P	0.4

165 Ho (ISTD) [No Gas]

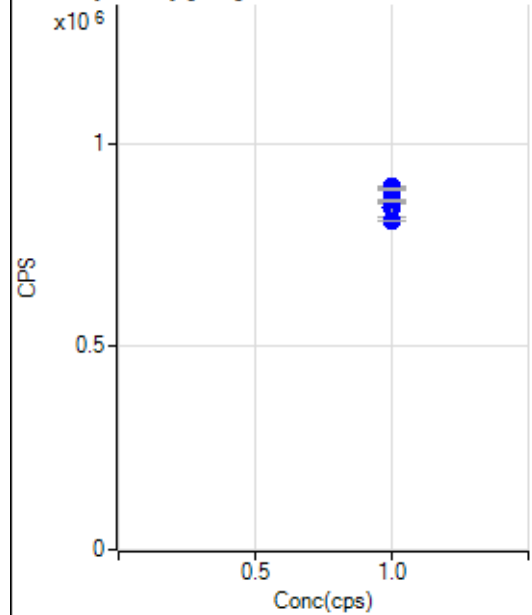
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4934125.33		A	0.1
2	☐	1.000					
3	☐	1.000		5167587.66		A	0.6
4	☐	1.000		5039827.54		A	7.9
5	☐	1.000		5457031.07		A	1.6
6	☐	1.000		5297926.85		A	7.3
7	☐	1.000		5591787.80		A	0.7
8	☐	1.000		5601446.35		A	0.3
9	☐	1.000		5501368.53		A	0.7

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1008217.46		P	0.5
2	☐	1.000					
3	☐	1.000		1020785.77		P	0.6
4	☐	1.000		1059343.63		P	0.5
5	☐	1.000		1064877.87		P	0.5
6	☐	1.000		1059199.62		P	0.1
7	☐	1.000		1013342.90		P	5.0
8	☐	1.000		1035884.06		P	0.6
9	☐	1.000		1027250.97		P	0.7

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3464841.16		A	0.3
2	☐	1.000					
3	☐	1.000		3574065.09		A	0.7
4	☐	1.000		3510774.81		A	7.3
5	☐	1.000		3779985.05		A	1.2
6	☐	1.000		3677440.78		A	7.2
7	☐	1.000		3864097.62		A	0.8
8	☐	1.000		3883730.64		A	0.8
9	☐	1.000		3623553.31		A	1.0

209 Bi (ISTD) [He]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		853702.41		P	0.2
2	☐	1.000					
3	☐	1.000		859822.18		P	0.1
4	☐	1.000		893833.70		P	0.7
5	☐	1.000		892123.71		P	0.3
6	☐	1.000		887991.75		P	0.2
7	☐	1.000		843198.37		P	5.1
8	☐	1.000		861154.19		P	0.5
9	☐	1.000		810148.40		P	0.4

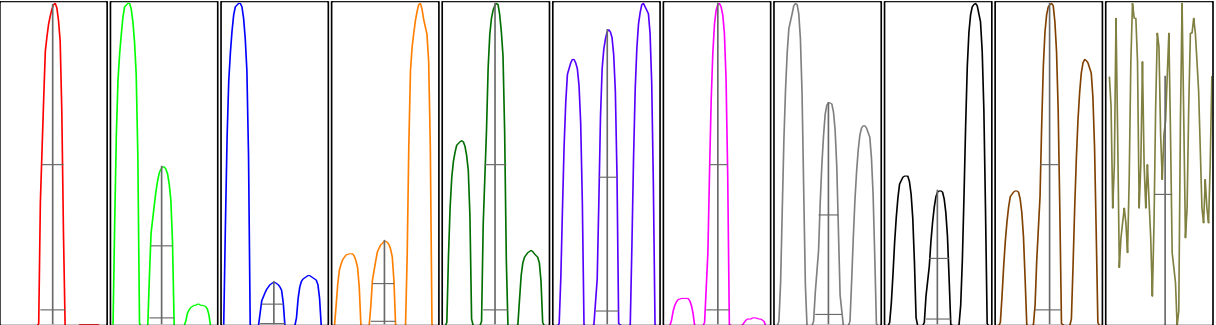
US EPA Tune Check Sample Report

Batch Folder D:\P8011918MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3599	1.89	5.00	
24	21019	1.15	5.00	
25	2819	1.16	5.00	
26	3267	1.33	5.00	
59	41195	1.64	5.00	
113	5968	1.84	5.00	
115	75428	1.91	5.00	
206	19605	1.49	5.00	
207	17762	1.61	5.00	
208	42572	1.66	5.00	
220	1	20.84		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3610	3627	3622	3655	3481
24	20994	21055	21127	21286	20633
25	2804	2838	2826	2858	2772
26	3295	3282	3288	3280	3190
59	41446	41539	41558	41440	39990
113	6022	6006	6041	5999	5774
115	76321	75996	76047	75907	72866
206	19771	19679	19760	19727	19085
207	17865	17828	17936	17923	17255
208	42806	43006	42868	42866	41315
220	1	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6178	9.00	8.9 - 9.1		0.735	0.900	
24	35758	23.95	23.9 - 24.1		0.738	0.900	
25	4790	25.00	24.9 - 25.1		0.738	0.900	
26	5583	26.00	25.9 - 26.1		0.735	0.900	
59	73846	59.00	58.9 - 59.1		0.732	0.900	
113	11458	113.05	112.9 - 113.1		0.681	0.900	
115	144215	115.05	114.9 - 115.1		0.686	0.900	
206	36531	206.05	205.9 - 206.1		0.771	0.900	
207	32789	207.00	206.9 - 207.1		0.738	0.900	
208	78342	208.05	207.9 - 208.1		0.755	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	10.1	V	Deflect	14.0	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5037	3.47	
89	1114	4.12	
205	8372	2.85	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5214	5200	4911	4817	5041
89	1156	1158	1079	1056	1124
205	8639	8549	8197	8068	8410

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	10.1	V	Deflect	2.2	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:21:36	DataFile Name :	003CALB_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.86	0.80	3.06	0.00	N/A	ppb
Antimony	121-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.03	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.02	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.11	-0.10	-0.01	0.00	N/A	ppb
Boron	11-1	-0.08	0.13	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	1.52	-1.05	-0.47	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.09	0.00	0.00	N/A	ppb
Calcium	43-1	-6.66	1.75	4.91	0.00	N/A	ppb
Calcium	44-1	-1.72	2.87	-1.15	0.00	N/A	ppb
Chromium	52-2	-0.08	-0.01	0.09	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.02	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.32	-0.09	-0.23	0.00	N/A	ppb
Iron	57-2	0.44	-1.15	0.71	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-3.20	4.27	-1.07	0.00	N/A	ppb
Manganese	55-2	0.03	-0.06	0.03	0.00	N/A	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:21:36	DataFile Name :	003CALB_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.06	-0.06	0.00	N/A	ppb
Phosphorus	31-2	-10.85	-10.85	22.24	0.18	10832.37	ppb
Potassium	39-2	0.21	-7.66	7.46	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	0.01	0.00	0.00	N/A	ppb
Selenium	82-1	0.24	0.28	-0.52	0.00	N/A	ppb
Silicon	28-1	-0.37	1.21	-0.84	0.00	N/A	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	1.15	-8.51	7.35	0.00	N/A	ppb
Strontium	86-1	-0.04	0.05	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-2.43	450.57	145.10	197.75	116.84	ppb
Terbium	159-1						%
Terbium	159-2						%
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	-0.03	0.00	0.03	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	-0.08	0.03	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:21:36	DataFile Name :	003CALB_P8011918MS.

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

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:28:22	DataFile Name :	005CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.16	20.26	15.93	19.78	18.39	ppb
Antimony	121-1	1.80	1.78	1.82	1.80	1.03	ppb
Arsenic	75-2	1.06	1.12	0.93	1.03	9.44	ppb
Barium	135-1	8.88	9.06	8.86	8.93	1.24	ppb
Barium	137-1	9.27	9.02	9.21	9.17	1.38	ppb
Beryllium	9-1	0.91	0.94	1.10	0.98	10.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.43	19.83	21.00	21.08	6.18	ppb
Boron	11-1	21.58	22.14	22.39	22.04	1.90	ppb
Cadmium	111-1	0.99	0.85	0.88	0.90	8.02	ppb
Cadmium	106-1	6.62	-1.62	-0.18	1.61	273.82	ppb
Cadmium	108-1	0.85	0.90	1.10	0.95	13.54	ppb
Calcium	43-1	424.62	412.36	398.09	411.69	3.23	ppb
Calcium	44-1	421.86	411.47	412.83	415.39	1.36	ppb
Chromium	52-2	1.77	1.56	2.05	1.79	13.73	ppb
Cobalt	59-2	0.88	0.87	0.82	0.86	3.76	ppb
Copper	63-2	1.79	1.71	1.65	1.71	3.96	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	44.73	44.25	43.59	44.19	1.29	ppb
Iron	57-2	47.21	35.19	44.26	42.22	14.83	ppb
Lead	206-1	0.87	0.86	0.93	0.89	4.50	ppb
Lead	207-1	0.90	0.81	0.78	0.83	7.10	ppb
Lead	208-1	0.85	0.83	0.88	0.85	2.88	ppb
Lithium	6-1						%
Magnesium	24-2	472.67	438.97	442.81	451.48	4.09	ppb
Manganese	55-2	1.11	0.83	0.77	0.90	20.02	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:28:22	DataFile Name :	005CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.52	4.50	4.78	4.60	3.45	ppb
Molybdenum	95-1	4.22	4.40	4.23	4.28	2.42	ppb
Molybdenum	96-1	4.53	4.58	4.38	4.50	2.33	ppb
Molybdenum	97-1	4.40	4.70	4.09	4.40	6.94	ppb
Molybdenum	98-1	4.66	4.28	4.61	4.52	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.95	0.69	0.85	16.55	ppb
Phosphorus	31-2	-10.85	-10.85	21.18	-0.18		ppb
Potassium	39-2	459.06	405.86	436.61	433.84	6.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	20.79	6.89	9.23	114.76	ppb
Selenium	78-2	0.01	5.91	9.43	5.12	93.07	ppb
Selenium	82-1	4.09	4.30	5.05	4.48	11.25	ppb
Silicon	28-1	11.26	8.63	11.65	10.52	15.61	ppb
Silver	109-1	0.97	0.91	0.98	0.95	3.77	ppb
Silver	107-1	0.92	0.92	0.94	0.93	1.37	ppb
Sodium	23-2	423.51	421.26	442.33	429.03	2.70	ppb
Strontium	86-1	0.81	0.81	0.88	0.83	4.63	ppb
Strontium	88-1	0.90	0.90	0.89	0.90	0.58	ppb
Sulfur	34-1	-112.32	-222.67	-258.26	-197.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.87	0.93	0.92	0.90	3.83	ppb
Thallium	205-1	0.83	0.94	0.91	0.89	6.57	ppb
Tin	118-1	4.55	4.52	4.43	4.50	1.36	ppb
Titanium	47-1	4.31	4.87	4.60	4.59	6.18	ppb
Uranium	238-1	0.81	0.81	0.82	0.81	0.74	ppb
Vanadium	51-2	4.74	4.38	4.61	4.58	3.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.15	1.71	1.92	1.93	11.49	ppb
Zirconium	90-1	0.97	0.93	0.95	0.95	2.20	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:28:22	DataFile Name :	005CALS_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	0.85	0.96	0.94	8.62	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:31:53	DataFile Name :	006CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	953.06	981.93	909.33	948.11	3.86	ppb
Antimony	121-1	51.09	57.30	51.94	53.45	6.30	ppb
Arsenic	75-2	51.40	49.31	50.97	50.56	2.18	ppb
Barium	135-1	253.99	291.71	260.04	268.58	7.54	ppb
Barium	137-1	255.15	291.62	260.42	269.06	7.33	ppb
Beryllium	9-1	53.77	60.46	53.67	55.97	6.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.37	60.75	55.95	54.36	13.47	ppb
Boron	11-1	47.94	55.44	49.48	50.95	7.77	ppb
Cadmium	111-1	52.45	59.52	53.05	55.00	7.13	ppb
Cadmium	106-1	253.14	272.36	275.06	266.86	4.48	ppb
Cadmium	108-1	53.29	59.45	52.95	55.23	6.63	ppb
Calcium	43-1	4978.72	5465.00	4983.87	5142.53	5.43	ppb
Calcium	44-1	4959.74	5530.18	4874.03	5121.32	6.96	ppb
Chromium	52-2	49.53	48.90	50.05	49.50	1.16	ppb
Cobalt	59-2	49.01	49.39	48.30	48.90	1.13	ppb
Copper	63-2	96.94	97.60	96.98	97.17	0.38	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2478.53	2473.02	2478.18	2476.58	0.12	ppb
Iron	57-2	2445.54	2425.65	2396.47	2422.55	1.02	ppb
Lead	206-1	48.73	56.25	49.70	51.56	7.94	ppb
Lead	207-1	47.67	54.61	48.75	50.34	7.42	ppb
Lead	208-1	48.62	55.73	49.21	51.18	7.71	ppb
Lithium	6-1						%
Magnesium	24-2	5085.28	4848.26	4859.05	4930.86	2.71	ppb
Manganese	55-2	98.03	99.73	102.48	100.08	2.24	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:31:53	DataFile Name :	006CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.28	290.03	251.58	264.63	8.31	ppb
Molybdenum	95-1	250.25	284.84	246.16	260.42	8.16	ppb
Molybdenum	96-1	251.25	286.00	248.34	261.86	8.00	ppb
Molybdenum	97-1	256.56	282.81	248.63	262.67	6.81	ppb
Molybdenum	98-1	252.60	284.19	249.15	261.98	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.19	48.73	48.82	49.58	2.81	ppb
Phosphorus	31-2	1156.80	776.99	939.84	957.88	19.89	ppb
Potassium	39-2	2541.72	2456.76	2652.63	2550.37	3.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	54.23	74.99	41.16	56.79	30.04	ppb
Selenium	78-2	56.80	62.97	62.21	60.66	5.55	ppb
Selenium	82-1	55.07	60.39	52.26	55.91	7.38	ppb
Silicon	28-1	70.58	99.53	63.61	77.91	24.45	ppb
Silver	109-1	52.91	60.26	53.37	55.51	7.41	ppb
Silver	107-1	53.58	60.53	53.70	55.94	7.12	ppb
Sodium	23-2	4997.49	4919.09	4996.57	4971.05	0.91	ppb
Strontium	86-1	51.25	58.45	50.30	53.33	8.36	ppb
Strontium	88-1	51.14	57.57	50.61	53.11	7.30	ppb
Sulfur	34-1	1865.68	4214.91	945.67	2342.09	71.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.56	55.74	50.03	51.78	6.65	ppb
Thallium	205-1	49.64	56.75	50.14	52.18	7.61	ppb
Tin	118-1	50.77	57.96	50.89	53.20	7.74	ppb
Titanium	47-1	257.96	280.71	249.26	262.64	6.18	ppb
Uranium	238-1	48.23	54.61	48.46	50.43	7.18	ppb
Vanadium	51-2	49.71	49.51	49.31	49.51	0.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	102.08	100.11	97.67	99.95	2.21	ppb
Zirconium	90-1	50.36	57.56	49.78	52.57	8.24	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:31:53	DataFile Name :	006CALS_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.48	56.34	49.51	51.78	7.63	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:35:25	DataFile Name :	007CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2443.93	2322.78	2469.27	2411.99	3.25	ppb
Antimony	121-1	124.20	126.47	128.65	126.44	1.76	ppb
Arsenic	75-2	129.95	126.71	129.12	128.59	1.31	ppb
Barium	135-1	618.94	627.32	641.43	629.23	1.81	ppb
Barium	137-1	625.97	630.97	651.69	636.21	2.14	ppb
Beryllium	9-1	131.15	131.55	134.98	132.56	1.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.17	128.62	125.43	125.74	2.18	ppb
Boron	11-1	118.92	128.39	127.70	125.00	4.23	ppb
Cadmium	111-1	126.89	129.87	131.96	129.57	1.97	ppb
Cadmium	106-1	605.59	626.03	600.37	610.66	2.22	ppb
Cadmium	108-1	130.84	131.29	132.07	131.40	0.47	ppb
Calcium	43-1	11672.14	12234.83	12160.20	12022.39	2.54	ppb
Calcium	44-1	11719.04	12265.68	12431.73	12138.82	3.07	ppb
Chromium	52-2	124.17	120.94	123.02	122.71	1.33	ppb
Cobalt	59-2	123.54	119.27	123.39	122.06	1.98	ppb
Copper	63-2	245.02	234.86	242.50	240.79	2.20	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6256.40	6081.37	6253.65	6197.14	1.62	ppb
Iron	57-2	6085.02	5796.09	6116.92	5999.34	2.95	ppb
Lead	206-1	120.11	120.13	123.64	121.29	1.68	ppb
Lead	207-1	118.30	120.13	120.89	119.77	1.11	ppb
Lead	208-1	120.13	121.43	123.23	121.60	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	12359.88	12013.34	12417.55	12263.59	1.78	ppb
Manganese	55-2	250.00	243.21	247.30	246.84	1.39	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:35:25	DataFile Name :	007CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	626.75	627.96	640.47	631.73	1.20	ppb
Molybdenum	95-1	631.44	637.46	645.80	638.23	1.13	ppb
Molybdenum	96-1	631.76	636.59	656.88	641.74	2.08	ppb
Molybdenum	97-1	626.93	621.98	630.69	626.53	0.70	ppb
Molybdenum	98-1	625.10	632.47	637.67	631.75	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.67	121.34	124.52	123.18	1.34	ppb
Phosphorus	31-2	2366.41	3110.39	3034.70	2837.16	14.43	ppb
Potassium	39-2	6280.60	6050.95	6264.06	6198.53	2.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	131.67	96.86	89.55	106.03	21.23	ppb
Selenium	78-2	143.52	133.79	129.69	135.67	5.24	ppb
Selenium	82-1	130.03	126.26	127.33	127.87	1.52	ppb
Silicon	28-1	147.39	158.27	162.12	155.93	4.90	ppb
Silver	109-1	126.53	129.03	132.04	129.20	2.14	ppb
Silver	107-1	127.55	129.68	130.87	129.37	1.30	ppb
Sodium	23-2	12311.49	12116.99	12330.51	12253.00	0.96	ppb
Strontium	86-1	124.44	124.04	127.41	125.30	1.47	ppb
Strontium	88-1	127.47	128.30	130.69	128.82	1.30	ppb
Sulfur	34-1	1783.38	2644.84	2796.81	2408.34	22.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	120.91	124.10	124.56	123.19	1.61	ppb
Thallium	205-1	121.91	125.17	126.99	124.69	2.07	ppb
Tin	118-1	123.23	124.71	126.18	124.71	1.18	ppb
Titanium	47-1	600.81	620.65	625.10	615.52	2.10	ppb
Uranium	238-1	118.95	123.80	124.31	122.35	2.42	ppb
Vanadium	51-2	122.38	120.37	123.73	122.16	1.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	241.79	237.81	250.38	243.33	2.64	ppb
Zirconium	90-1	124.09	124.59	125.77	124.82	0.69	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:35:25	DataFile Name :	007CALS_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.04	122.67	126.14	123.62	1.79	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:38:51	DataFile Name :	008CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4837.68	4913.24	5138.72	4963.21	3.16	ppb
Antimony	121-1	299.24	257.08	256.38	270.90	9.06	ppb
Arsenic	75-2	252.86	254.49	249.39	252.25	1.03	ppb
Barium	135-1	1483.38	1260.84	1287.78	1344.00	9.04	ppb
Barium	137-1	1478.93	1270.83	1296.37	1348.71	8.41	ppb
Beryllium	9-1	300.81	264.89	258.91	274.87	8.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	288.16	250.39	249.79	262.78	8.36	ppb
Boron	11-1	283.10	255.00	253.91	264.00	6.27	ppb
Cadmium	111-1	299.13	258.35	257.21	271.56	8.79	ppb
Cadmium	106-1	1427.02	1222.14	1226.74	1291.96	9.05	ppb
Cadmium	108-1	298.60	259.00	253.92	270.51	9.04	ppb
Calcium	43-1	28026.01	24577.35	24119.10	25574.15	8.35	ppb
Calcium	44-1	28432.56	24519.61	24244.12	25732.10	9.10	ppb
Chromium	52-2	243.92	253.31	252.89	250.04	2.12	ppb
Cobalt	59-2	243.17	252.45	252.98	249.54	2.21	ppb
Copper	63-2	480.26	498.59	498.72	492.52	2.16	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12159.52	12771.21	12620.54	12517.09	2.55	ppb
Iron	57-2	11925.06	12231.25	12310.79	12155.70	1.68	ppb
Lead	206-1	282.93	250.60	244.67	259.40	7.94	ppb
Lead	207-1	274.48	245.04	240.81	253.44	7.24	ppb
Lead	208-1	284.67	252.33	248.81	261.93	7.55	ppb
Lithium	6-1						%
Magnesium	24-2	24155.55	25013.80	24823.56	24664.30	1.83	ppb
Manganese	55-2	490.59	501.53	512.24	501.45	2.16	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:38:51	DataFile Name :	008CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1471.67	1271.43	1278.99	1340.69	8.47	ppb
Molybdenum	95-1	1463.88	1249.15	1273.28	1328.77	8.85	ppb
Molybdenum	96-1	1490.32	1255.80	1281.60	1342.58	9.58	ppb
Molybdenum	97-1	1477.14	1252.85	1271.59	1333.86	9.33	ppb
Molybdenum	98-1	1456.49	1233.48	1255.44	1315.14	9.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	246.98	251.64	254.47	251.03	1.51	ppb
Phosphorus	31-2	5991.04	5726.60	5289.18	5668.94	6.25	ppb
Potassium	39-2	12105.86	12867.54	12571.07	12514.82	3.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	234.29	284.73	244.99	254.67	10.44	ppb
Selenium	78-2	272.24	272.94	263.59	269.59	1.93	ppb
Selenium	82-1	292.17	252.30	255.86	266.78	8.27	ppb
Silicon	28-1	343.21	279.00	271.78	298.00	13.20	ppb
Silver	109-1	300.33	264.17	260.52	275.01	8.00	ppb
Silver	107-1	300.38	263.74	263.81	275.98	7.66	ppb
Sodium	23-2	24155.39	25110.92	24993.65	24753.32	2.11	ppb
Strontium	86-1	292.62	248.91	251.53	264.35	9.27	ppb
Strontium	88-1	295.93	254.06	253.81	267.93	9.05	ppb
Sulfur	34-1	8468.40	4870.08	4696.57	6011.69	35.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	285.52	251.79	245.89	261.06	8.19	ppb
Thallium	205-1	290.48	256.22	254.60	267.10	7.59	ppb
Tin	118-1	291.37	249.79	252.47	264.54	8.80	ppb
Titanium	47-1	1441.94	1265.25	1253.35	1320.18	8.00	ppb
Uranium	238-1	279.28	246.28	246.73	257.43	7.35	ppb
Vanadium	51-2	246.46	253.47	254.26	251.40	1.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	491.65	502.35	502.35	498.78	1.24	ppb
Zirconium	90-1	291.40	252.89	256.04	266.78	8.02	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:38:51	DataFile Name :	008CALS_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	286.84	244.21	247.97	259.68	9.09	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:42:12	DataFile Name :	009CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10840.83	9927.18	9560.60	10109.54	6.52	ppb
Antimony	121-1	508.30	508.02	513.34	509.89	0.59	ppb
Arsenic	75-2	545.79	515.09	501.12	520.67	4.39	ppb
Barium	135-1	2535.33	2535.10	2553.91	2541.45	0.42	ppb
Barium	137-1	2564.82	2543.28	2544.47	2550.86	0.47	ppb
Beryllium	9-1	511.55	504.18	511.89	509.21	0.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	497.16	489.93	506.29	497.80	1.65	ppb
Boron	11-1	491.89	494.78	507.68	498.12	1.69	ppb
Cadmium	111-1	510.30	507.76	511.15	509.73	0.35	ppb
Cadmium	106-1	2450.08	2402.52	2429.76	2427.45	0.98	ppb
Cadmium	108-1	517.83	506.16	514.69	512.89	1.18	ppb
Calcium	43-1	48426.56	48038.45	48317.80	48260.94	0.41	ppb
Calcium	44-1	48289.51	48016.46	48791.46	48365.81	0.81	ppb
Chromium	52-2	562.72	520.47	494.54	525.91	6.54	ppb
Cobalt	59-2	558.01	521.33	493.04	524.13	6.22	ppb
Copper	63-2	1099.60	1031.87	976.96	1036.14	5.93	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27594.22	25991.31	24470.07	26018.53	6.00	ppb
Iron	57-2	27365.25	25514.37	24255.84	25711.82	6.08	ppb
Lead	206-1	497.07	505.16	504.99	502.41	0.92	ppb
Lead	207-1	498.64	505.00	500.76	501.47	0.65	ppb
Lead	208-1	501.24	508.58	504.74	504.85	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	55165.13	51387.98	48984.05	51845.72	6.01	ppb
Manganese	55-2	1118.79	1040.29	988.82	1049.30	6.24	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:42:12	DataFile Name :	009CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2529.05	2514.20	2561.56	2534.93	0.96	ppb
Molybdenum	95-1	2502.71	2509.14	2523.93	2511.93	0.43	ppb
Molybdenum	96-1	2509.21	2491.20	2539.02	2513.14	0.96	ppb
Molybdenum	97-1	2494.97	2510.37	2559.51	2521.62	1.34	ppb
Molybdenum	98-1	2494.68	2505.27	2522.89	2507.61	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.76	522.24	492.58	526.19	6.79	ppb
Phosphorus	31-2	10186.68	10408.76	10736.69	10444.05	2.65	ppb
Potassium	39-2	27423.04	25506.99	24157.99	25696.01	6.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	506.16	504.05	594.77	534.99	9.68	ppb
Selenium	78-2	603.88	499.21	501.38	534.82	11.18	ppb
Selenium	82-1	505.05	504.19	504.24	504.49	0.10	ppb
Silicon	28-1	516.44	514.22	524.36	518.34	1.03	ppb
Silver	109-1	517.21	511.00	519.84	516.02	0.88	ppb
Silver	107-1	513.53	513.72	517.05	514.76	0.38	ppb
Sodium	23-2	55829.04	52389.07	49418.15	52545.42	6.11	ppb
Strontium	86-1	495.86	497.40	504.90	499.39	0.97	ppb
Strontium	88-1	496.31	499.52	507.76	501.19	1.18	ppb
Sulfur	34-1	9699.47	9597.12	9736.99	9677.86	0.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.93	509.19	506.88	506.67	0.52	ppb
Thallium	205-1	501.75	509.55	501.82	504.37	0.89	ppb
Tin	118-1	507.56	506.16	507.24	506.98	0.14	ppb
Titanium	47-1	2541.28	2478.35	2526.79	2515.47	1.31	ppb
Uranium	238-1	489.31	499.52	492.29	493.71	1.06	ppb
Vanadium	51-2	558.74	520.16	490.89	523.26	6.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1119.36	1046.65	998.84	1054.95	5.75	ppb
Zirconium	90-1	500.30	501.42	505.97	502.57	0.60	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:42:12	DataFile Name :	009CALS_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.54	494.92	502.82	498.76	0.79	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:45:29	DataFile Name :	010CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19377.25	18263.89	19045.27	18895.47	3.03	ppb
Antimony	121-1	990.90	996.45	981.08	989.48	0.79	ppb
Arsenic	75-2	993.75	986.87	985.27	988.63	0.46	ppb
Barium	135-1	4944.00	5000.30	4918.66	4954.32	0.84	ppb
Barium	137-1	4972.47	4979.78	4890.37	4947.54	1.00	ppb
Beryllium	9-1	991.87	993.80	978.15	987.94	0.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	978.06	1011.54	1003.48	997.69	1.75	ppb
Boron	11-1	992.41	995.16	1004.83	997.47	0.65	ppb
Cadmium	111-1	988.43	993.26	985.07	988.92	0.42	ppb
Cadmium	106-1	4787.98	4718.69	4715.88	4740.85	0.86	ppb
Cadmium	108-1	983.42	988.85	989.82	987.36	0.35	ppb
Calcium	43-1	96466.10	96330.81	97527.14	96774.69	0.68	ppb
Calcium	44-1	97188.29	95329.38	96540.42	96352.70	0.98	ppb
Chromium	52-2	1010.82	962.11	989.11	987.35	2.47	ppb
Cobalt	59-2	1012.92	965.02	987.49	988.47	2.42	ppb
Copper	63-2	2055.22	1915.30	1984.76	1985.09	3.52	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51084.98	47793.34	49251.61	49376.64	3.34	ppb
Iron	57-2	49766.29	46982.79	48949.55	48566.21	2.95	ppb
Lead	206-1	990.37	1003.57	996.55	996.83	0.66	ppb
Lead	207-1	1005.57	1006.02	985.53	999.04	1.17	ppb
Lead	208-1	994.72	1001.35	988.80	994.96	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	102331.86	95884.36	98890.70	99035.64	3.26	ppb
Manganese	55-2	2048.79	1918.04	1959.30	1975.38	3.38	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:45:29	DataFile Name :	010CAL5_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4973.60	4982.28	4918.98	4958.29	0.69	ppb
Molybdenum	95-1	4969.07	4994.32	4953.12	4972.17	0.42	ppb
Molybdenum	96-1	4993.09	4959.59	4950.12	4967.60	0.45	ppb
Molybdenum	97-1	4954.62	5043.49	4904.10	4967.40	1.42	ppb
Molybdenum	98-1	4990.83	4985.99	4958.58	4978.47	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.92	961.60	991.17	986.90	2.38	ppb
Phosphorus	31-2	20175.23	17761.95	20774.93	19570.70	8.15	ppb
Potassium	39-2	48641.69	46125.04	47370.38	47379.03	2.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1035.27	958.58	956.18	983.35	4.57	ppb
Selenium	78-2	960.79	938.91	1027.78	975.83	4.75	ppb
Selenium	82-1	994.73	999.21	984.78	992.91	0.74	ppb
Silicon	28-1	986.03	958.37	976.29	973.56	1.44	ppb
Silver	109-1	983.19	984.97	986.65	984.94	0.18	ppb
Silver	107-1	984.23	984.00	987.61	985.28	0.21	ppb
Sodium	23-2	101164.83	95762.15	97983.27	98303.42	2.76	ppb
Strontium	86-1	1003.41	991.05	995.09	996.51	0.63	ppb
Strontium	88-1	991.95	1002.05	988.86	994.29	0.69	ppb
Sulfur	34-1	20278.11	19730.20	19549.20	19852.50	1.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	981.60	998.59	1001.92	994.04	1.10	ppb
Thallium	205-1	987.13	998.12	995.16	993.47	0.57	ppb
Tin	118-1	989.48	997.91	990.87	992.75	0.46	ppb
Titanium	47-1	4995.39	4937.98	4992.45	4975.27	0.65	ppb
Uranium	238-1	998.49	1007.67	998.64	1001.60	0.52	ppb
Vanadium	51-2	1018.34	961.46	985.41	988.40	2.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2036.12	1915.65	1969.23	1973.67	3.06	ppb
Zirconium	90-1	995.17	999.43	988.66	994.42	0.55	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:45:29	DataFile Name :	010CALS_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1005.06	998.85	990.94	998.28	0.71	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:48:42	DataFile Name :	011CALS_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97131.00	103936.81	99575.72	100214.51	3.44	ppb
Antimony	121-1	1.11	1.11	1.20	1.14	4.62	ppb
Arsenic	75-2	0.15	0.39	0.51	0.35	51.50	ppb
Barium	135-1	1.41	1.33	1.45	1.40	4.35	ppb
Barium	137-1	1.23	1.47	1.48	1.40	10.10	ppb
Beryllium	9-1	0.71	0.73	0.77	0.74	4.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.03	43.19	37.34	42.19	10.50	ppb
Boron	11-1	46.98	42.58	39.85	43.14	8.33	ppb
Cadmium	111-1	0.16	0.00	0.10	0.09	91.11	ppb
Cadmium	106-1	-2.20	-8.52	-5.28	-5.33		ppb
Cadmium	108-1	0.20	0.12	0.08	0.13	47.99	ppb
Calcium	43-1	499702.62	497951.38	504748.59	500800.87	0.70	ppb
Calcium	44-1	499962.17	494713.48	507916.89	500864.18	1.33	ppb
Chromium	52-2	11.26	11.35	12.08	11.56	3.86	ppb
Cobalt	59-2	1.07	1.15	1.10	1.11	3.77	ppb
Copper	63-2	2.39	2.66	2.37	2.47	6.44	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	242573.85	261174.04	246322.66	250023.52	3.93	ppb
Iron	57-2	244730.91	259560.05	246428.53	250239.83	3.24	ppb
Lead	206-1	1.97	1.99	2.02	1.99	1.36	ppb
Lead	207-1	1.79	1.78	1.87	1.81	2.68	ppb
Lead	208-1	1.88	1.89	1.95	1.91	2.13	ppb
Lithium	6-1						%
Magnesium	24-2	482918.05	523319.24	493857.91	500031.74	4.18	ppb
Manganese	55-2	4.63	5.74	5.02	5.13	10.93	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:48:42	DataFile Name :	011CAL5_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.11	1.82	2.09	2.01	8.01	ppb
Molybdenum	95-1	2.45	2.48	2.58	2.51	2.70	ppb
Molybdenum	96-1	3.01	2.75	2.82	2.86	4.79	ppb
Molybdenum	97-1	2.52	2.38	2.29	2.40	5.01	ppb
Molybdenum	98-1	2.49	2.29	2.39	2.39	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.90	8.65	6.85	7.80	11.60	ppb
Phosphorus	31-2	-10.85	-10.85	-10.85	-10.85		ppb
Potassium	39-2	244088.00	258982.33	248293.97	250454.77	3.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.64	0.00	0.00	2.55	173.21	ppb
Selenium	78-2	0.11	-1.20	-1.20	-0.76		ppb
Selenium	82-1	0.15	0.33	0.04	0.18	84.14	ppb
Silicon	28-1	3.26	-0.08	14.06	5.75	128.63	ppb
Silver	109-1	0.06	0.08	0.07	0.07	7.84	ppb
Silver	107-1	0.07	0.06	0.06	0.07	9.86	ppb
Sodium	23-2	488602.32	523256.75	488451.86	500103.64	4.01	ppb
Strontium	86-1	33.93	33.61	34.78	34.11	1.78	ppb
Strontium	88-1	34.68	34.75	34.48	34.63	0.40	ppb
Sulfur	34-1	-2160.37	-2313.20	-1889.26	-2120.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.51	0.46	0.51	0.49	4.88	ppb
Thallium	205-1	0.53	0.53	0.49	0.51	4.39	ppb
Tin	118-1	0.93	0.99	1.01	0.98	4.34	ppb
Titanium	47-1	0.75	0.69	0.87	0.77	11.37	ppb
Uranium	238-1	0.08	0.07	0.07	0.08	3.07	ppb
Vanadium	51-2	0.19	0.12	0.17	0.16	22.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.79	6.96	6.11	6.62	6.86	ppb
Zirconium	90-1	0.19	0.21	0.20	0.20	5.02	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:48:42	DataFile Name :	011CALS_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.16	0.15	0.15	9.32	ppb

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:13:58 DataFile Name : 012ICV01_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.20	472.61	541.44	510.75	6.86	ppb
Antimony	121-1	198.94	201.87	198.92	199.91	0.85	ppb
Arsenic	75-2	209.57	208.73	206.83	208.38	0.67	ppb
Barium	135-1	102.08	103.87	101.67	102.54	1.14	ppb
Barium	137-1	102.88	103.34	103.61	103.28	0.36	ppb
Beryllium	9-1	103.95	103.76	103.92	103.87	0.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	600.91	605.59	597.63	601.38	0.67	ppb
Boron	11-1	593.86	604.70	606.43	601.67	1.13	ppb
Cadmium	111-1	106.57	107.65	106.16	106.79	0.72	ppb
Cadmium	106-1	782.92	796.72	768.27	782.64	1.82	ppb
Cadmium	108-1	133.34	135.37	134.96	134.56	0.80	ppb
Calcium	43-1	2148.67	2184.67	2141.52	2158.28	1.07	ppb
Calcium	44-1	2073.22	2090.23	2078.19	2080.55	0.42	ppb
Chromium	52-2	97.70	100.21	100.94	99.62	1.71	ppb
Cobalt	59-2	100.94	102.73	104.12	102.59	1.55	ppb
Copper	63-2	100.37	100.30	102.21	100.96	1.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	997.32	1003.96	1025.00	1008.76	1.43	ppb
Iron	57-2	988.28	1019.88	1039.01	1015.72	2.52	ppb
Lead	206-1	203.53	205.35	208.01	205.63	1.10	ppb
Lead	207-1	192.77	193.88	194.90	193.85	0.55	ppb
Lead	208-1	202.33	204.66	203.76	203.58	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	1199.88	1201.38	1198.18	1199.81	0.13	ppb
Manganese	55-2	101.89	101.40	99.17	100.82	1.44	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:13:58	DataFile Name :	012ICV01_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1206.21	1209.45	1208.30	1207.99	0.14	ppb
Molybdenum	95-1	509.08	510.22	506.83	508.71	0.34	ppb
Molybdenum	96-1	602.11	610.74	598.17	603.67	1.07	ppb
Molybdenum	97-1	515.97	513.57	511.67	513.74	0.42	ppb
Molybdenum	98-1	529.43	525.44	523.60	526.16	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.74	105.08	103.06	102.96	2.11	ppb
Phosphorus	31-2	57.54	-10.85	-10.85	11.94	330.60	ppb
Potassium	39-2	1966.82	1921.76	2025.43	1971.34	2.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	177.22	178.10	266.73	207.35	24.80	ppb
Selenium	78-2	236.42	200.77	195.37	210.85	10.58	ppb
Selenium	82-1	208.44	207.08	208.48	208.00	0.38	ppb
Silicon	28-1	544.20	518.27	521.99	528.15	2.65	ppb
Silver	109-1	103.72	103.97	103.92	103.87	0.13	ppb
Silver	107-1	104.34	104.34	104.09	104.26	0.14	ppb
Sodium	23-2	2017.96	2025.50	2076.67	2040.04	1.57	ppb
Strontium	86-1	520.91	515.84	522.55	519.77	0.67	ppb
Strontium	88-1	518.37	522.74	524.52	521.87	0.61	ppb
Sulfur	34-1	-1464.05	-1504.37	-1784.40	-1584.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	208.49	206.74	208.59	207.94	0.50	ppb
Thallium	205-1	213.90	216.64	215.19	215.24	0.64	ppb
Tin	118-1	519.03	527.48	526.80	524.44	0.90	ppb
Titanium	47-1	519.36	517.92	514.61	517.30	0.47	ppb
Uranium	238-1	523.74	525.87	527.70	525.77	0.38	ppb
Vanadium	51-2	95.64	98.32	100.90	98.29	2.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	197.75	210.18	204.77	204.23	3.05	ppb
Zirconium	90-1	544.15	544.22	537.30	541.89	0.73	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:13:58	DataFile Name :	012ICV01_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	533.26	535.52	532.37	533.71	0.30	ppb

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:20:50 DataFile Name : 013CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.49	-1.09	-0.90	-1.83		ppb
Antimony	121-1	0.04	0.05	0.06	0.05	17.30	ppb
Arsenic	75-2	-0.05	-0.08	-0.02	-0.05		ppb
Barium	135-1	0.01	0.02	0.01	0.01	45.85	ppb
Barium	137-1	0.00	0.02	0.01	0.01	128.04	ppb
Beryllium	9-1	0.10	0.10	0.11	0.10	3.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.24	6.48	4.95	6.22	18.73	ppb
Boron	11-1	4.58	4.30	5.38	4.75	11.73	ppb
Cadmium	111-1	-0.06	-0.01	-0.08	-0.05		ppb
Cadmium	106-1	-4.06	-1.27	-5.56	-3.63		ppb
Cadmium	108-1	-0.05	-0.09	-0.01	-0.05		ppb
Calcium	43-1	-9.62	-14.79	-18.12	-14.18		ppb
Calcium	44-1	-13.13	-12.73	-15.32	-13.73		ppb
Chromium	52-2	0.11	-0.06	-0.03	0.01	1391.18	ppb
Cobalt	59-2	0.03	-0.02	-0.03	0.00		ppb
Copper	63-2	0.02	0.03	0.02	0.02	27.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.77	1.02	2.20	1.66	35.96	ppb
Iron	57-2	2.60	0.45	2.02	1.69	66.03	ppb
Lead	206-1	0.05	0.04	0.04	0.04	11.92	ppb
Lead	207-1	0.02	0.02	0.03	0.02	14.75	ppb
Lead	208-1	0.04	0.03	0.03	0.03	5.18	ppb
Lithium	6-1						%
Magnesium	24-2	-4.00	-3.91	-2.58	-3.50		ppb
Manganese	55-2	0.02	-0.03	0.02	0.01	553.81	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:20:50	DataFile Name :	013CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.07	0.07	0.05	59.62	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	38.80	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	35.69	ppb
Molybdenum	97-1	0.02	-0.01	0.03	0.01	179.53	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	42.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	0.01	-0.19	-0.17		ppb
Phosphorus	31-2	-10.85	-10.85	26.38	1.56	1379.50	ppb
Potassium	39-2	-0.25	-25.01	4.35	-6.97		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.51	0.00	7.53	5.01	86.60	ppb
Selenium	78-2	-1.20	-1.20	0.09	-0.77		ppb
Selenium	82-1	-0.29	-0.19	-0.08	-0.19		ppb
Silicon	28-1	-21.47	-23.21	-19.14	-21.27		ppb
Silver	109-1	0.00	0.01	0.00	0.00	155.82	ppb
Silver	107-1	0.00	0.00	0.01	0.00	224.18	ppb
Sodium	23-2	31.18	27.37	24.84	27.80	11.48	ppb
Strontium	86-1	-0.04	0.00	-0.03	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	117.58	ppb
Sulfur	34-1	-920.71	-1378.18	-1150.49	-1149.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.02	0.03	23.03	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	17.93	ppb
Tin	118-1	-0.04	0.00	0.01	-0.01		ppb
Titanium	47-1	-0.01	0.09	-0.03	0.02	367.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.78	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	0.12	0.13	0.10	46.03	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	25.32	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:20:50	DataFile Name :	013CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.00	0.01	106.29	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:24:02	DataFile Name :	014ICSA01_P8011918M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90665.68	87127.35	90391.19	89394.74	2.20	ppb
Antimony	121-1	1.15	1.12	1.17	1.15	2.03	ppb
Arsenic	75-2	0.19	0.44	0.03	0.22	92.94	ppb
Barium	135-1	1.53	1.52	1.59	1.55	2.35	ppb
Barium	137-1	1.51	1.49	1.71	1.57	7.83	ppb
Beryllium	9-1	0.41	0.33	0.22	0.32	30.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.83	7.46	7.49	6.93	13.74	ppb
Boron	11-1	6.33	6.69	5.74	6.25	7.69	ppb
Cadmium	111-1	0.33	0.26	0.36	0.32	15.88	ppb
Cadmium	106-1	-6.25	-4.25	1.23	-3.09		ppb
Cadmium	108-1	5.86	6.37	6.78	6.33	7.29	ppb
Calcium	43-1	95735.48	95069.26	95484.14	95429.63	0.35	ppb
Calcium	44-1	96267.42	95323.47	95710.70	95767.20	0.50	ppb
Chromium	52-2	19.84	18.62	18.89	19.12	3.36	ppb
Cobalt	59-2	1.20	1.07	1.08	1.12	6.55	ppb
Copper	63-2	7.55	7.54	7.66	7.58	0.86	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98481.48	95168.15	97079.49	96909.70	1.72	ppb
Iron	57-2	96483.92	93700.04	95646.58	95276.85	1.50	ppb
Lead	206-1	4.74	4.81	4.99	4.85	2.69	ppb
Lead	207-1	4.10	4.15	4.07	4.11	0.99	ppb
Lead	208-1	4.48	4.50	4.49	4.49	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	98172.16	94865.76	97534.00	96857.31	1.81	ppb
Manganese	55-2	8.06	7.27	7.53	7.62	5.28	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:24:02	DataFile Name :	014ICSA01_P8011918M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1380.58	1369.51	1369.15	1373.08	0.47	ppb
Molybdenum	95-1	1964.15	1950.15	1908.01	1940.77	1.51	ppb
Molybdenum	96-1	1897.86	1869.18	1874.97	1880.67	0.81	ppb
Molybdenum	97-1	1980.96	1959.13	1943.60	1961.23	0.96	ppb
Molybdenum	98-1	1949.42	1935.19	1911.47	1932.03	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.59	4.86	4.63	4.70	3.10	ppb
Phosphorus	31-2	103472.38	95264.03	100410.05	99715.49	4.16	ppb
Potassium	39-2	97031.45	93543.57	96176.67	95583.90	1.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.02	0.05	0.03	50.07	ppb
Selenium	82-1	0.44	0.27	0.11	0.27	60.43	ppb
Silicon	28-1	25.88	23.65	19.12	22.88	15.05	ppb
Silver	109-1	0.07	0.08	0.11	0.09	23.99	ppb
Silver	107-1	0.06	0.08	0.07	0.07	13.11	ppb
Sodium	23-2	99273.73	95738.65	98619.53	97877.30	1.92	ppb
Strontium	86-1	34.26	34.06	33.51	33.94	1.14	ppb
Strontium	88-1	34.21	34.23	33.50	33.98	1.22	ppb
Sulfur	34-1	90768.48	89435.46	91224.26	90476.07	1.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.11	0.17	0.14	19.37	ppb
Thallium	205-1	0.12	0.14	0.14	0.13	10.39	ppb
Tin	118-1	0.13	0.13	0.13	0.13	2.34	ppb
Titanium	47-1	1957.86	1948.40	1964.45	1956.90	0.41	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.85	ppb
Vanadium	51-2	0.12	0.19	0.18	0.16	22.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.27	10.62	12.34	11.74	8.30	ppb
Zirconium	90-1	0.04	0.07	0.07	0.06	24.03	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:24:02	DataFile Name :	014ICSA01_P8011918M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.12	0.08	46.66	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:27:10	DataFile Name :	015ICSB_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87921.51	87626.46	89970.26	88506.07	1.44	ppb
Antimony	121-1	20.65	20.63	20.59	20.63	0.15	ppb
Arsenic	75-2	20.04	20.26	19.46	19.92	2.08	ppb
Barium	135-1	21.81	21.17	21.22	21.40	1.67	ppb
Barium	137-1	21.67	21.39	21.45	21.50	0.69	ppb
Beryllium	9-1	20.90	20.12	20.94	20.66	2.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.80	53.02	50.11	51.64	2.83	ppb
Boron	11-1	51.01	51.01	51.26	51.09	0.28	ppb
Cadmium	111-1	19.61	19.55	19.56	19.57	0.17	ppb
Cadmium	106-1	102.91	111.30	103.30	105.84	4.48	ppb
Cadmium	108-1	27.96	29.61	28.44	28.67	2.95	ppb
Calcium	43-1	94783.31	94433.40	93784.15	94333.62	0.54	ppb
Calcium	44-1	94592.68	95651.46	93679.15	94641.10	1.04	ppb
Chromium	52-2	38.04	38.02	39.80	38.62	2.64	ppb
Cobalt	59-2	20.45	20.89	22.30	21.22	4.56	ppb
Copper	63-2	27.03	27.13	27.38	27.18	0.66	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95566.52	96214.46	99305.64	97028.87	2.06	ppb
Iron	57-2	93746.98	94124.63	96799.62	94890.41	1.75	ppb
Lead	206-1	24.76	24.90	24.66	24.77	0.48	ppb
Lead	207-1	22.42	22.43	22.09	22.31	0.87	ppb
Lead	208-1	23.46	23.59	23.35	23.47	0.50	ppb
Lithium	6-1						%
Magnesium	24-2	95850.36	96087.36	99068.09	97001.94	1.85	ppb
Manganese	55-2	27.59	27.60	28.07	27.75	0.99	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:27:10	DataFile Name :	015ICSB_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1468.60	1460.73	1463.15	1464.16	0.28	ppb
Molybdenum	95-1	1982.92	1963.37	1967.07	1971.12	0.53	ppb
Molybdenum	96-1	1909.47	1898.74	1910.80	1906.34	0.35	ppb
Molybdenum	97-1	1980.94	1981.31	1998.57	1986.94	0.51	ppb
Molybdenum	98-1	1954.44	1956.68	1978.75	1963.29	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.76	23.08	25.12	23.99	4.32	ppb
Phosphorus	31-2	96551.59	96598.47	100299.01	97816.36	2.20	ppb
Potassium	39-2	94693.00	94215.89	97289.75	95399.55	1.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.40	0.00	14.67	9.69	86.61	ppb
Selenium	78-2	29.60	17.74	18.88	22.08	29.64	ppb
Selenium	82-1	18.60	19.06	19.37	19.01	2.04	ppb
Silicon	28-1	72.27	73.11	73.74	73.04	1.01	ppb
Silver	109-1	18.89	18.83	18.64	18.79	0.69	ppb
Silver	107-1	19.08	18.84	18.93	18.95	0.64	ppb
Sodium	23-2	94218.64	96391.74	99212.20	96607.53	2.59	ppb
Strontium	86-1	78.96	78.36	78.79	78.70	0.39	ppb
Strontium	88-1	79.41	78.90	79.41	79.24	0.37	ppb
Sulfur	34-1	86868.34	86966.54	86484.55	86773.14	0.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.68	20.14	19.72	19.84	1.29	ppb
Thallium	205-1	20.45	20.56	19.93	20.31	1.66	ppb
Tin	118-1	44.20	43.86	43.50	43.85	0.80	ppb
Titanium	47-1	2029.59	2023.05	2027.20	2026.61	0.16	ppb
Uranium	238-1	44.39	44.70	44.15	44.41	0.62	ppb
Vanadium	51-2	19.05	18.64	20.18	19.29	4.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.23	30.90	31.70	31.61	2.11	ppb
Zirconium	90-1	46.84	47.45	46.85	47.05	0.74	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:27:10	DataFile Name :	015ICSB_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.72	46.66	47.00	47.13	1.15	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:34:42	DataFile Name :	017CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48546.71	47077.71	49695.37	48439.93	2.71	ppb
Antimony	121-1	498.43	492.82	497.66	496.30	0.61	ppb
Arsenic	75-2	506.71	505.88	515.62	509.40	1.06	ppb
Barium	135-1	2491.52	2467.32	2477.92	2478.92	0.49	ppb
Barium	137-1	2522.07	2481.54	2503.50	2502.37	0.81	ppb
Beryllium	9-1	524.28	519.78	516.73	520.26	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	513.60	531.50	526.57	523.89	1.76	ppb
Boron	11-1	511.83	522.44	514.20	516.16	1.08	ppb
Cadmium	111-1	489.56	482.78	485.15	485.83	0.71	ppb
Cadmium	106-1	2338.82	2281.68	2320.79	2313.76	1.26	ppb
Cadmium	108-1	488.98	481.28	490.56	486.94	1.02	ppb
Calcium	43-1	242425.03	238775.85	235006.56	238735.81	1.55	ppb
Calcium	44-1	240413.48	238996.59	234589.08	237999.72	1.28	ppb
Chromium	52-2	495.14	476.26	510.27	493.89	3.45	ppb
Cobalt	59-2	478.55	461.43	497.63	479.20	3.78	ppb
Copper	63-2	928.86	889.71	949.24	922.60	3.28	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	118634.47	114816.04	122027.04	118492.52	3.04	ppb
Iron	57-2	116827.54	111950.24	119919.99	116232.59	3.46	ppb
Lead	206-1	512.18	507.76	501.45	507.13	1.06	ppb
Lead	207-1	505.69	501.65	506.13	504.49	0.49	ppb
Lead	208-1	508.00	507.18	505.10	506.76	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	242375.57	231486.87	246349.29	240070.58	3.21	ppb
Manganese	55-2	997.60	946.94	1011.45	985.33	3.45	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:34:42	DataFile Name :	017CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2536.36	2523.48	2468.60	2509.48	1.43	ppb
Molybdenum	95-1	2499.01	2480.51	2452.75	2477.43	0.94	ppb
Molybdenum	96-1	2521.19	2492.09	2456.15	2489.81	1.31	ppb
Molybdenum	97-1	2495.67	2502.71	2477.50	2491.96	0.52	ppb
Molybdenum	98-1	2505.07	2485.23	2449.37	2479.89	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.04	463.00	491.29	478.44	2.99	ppb
Phosphorus	31-2	10765.96	9277.37	10471.33	10171.55	7.75	ppb
Potassium	39-2	120966.99	115568.85	124579.02	120371.62	3.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	340.10	466.41	425.40	410.64	15.69	ppb
Selenium	78-2	494.24	507.74	557.47	519.82	6.41	ppb
Selenium	82-1	496.05	495.47	484.35	491.95	1.34	ppb
Silicon	28-1	570.09	568.52	549.02	562.54	2.09	ppb
Silver	109-1	498.67	488.52	490.70	492.63	1.09	ppb
Silver	107-1	490.60	482.32	491.33	488.08	1.03	ppb
Sodium	23-2	241866.09	232220.92	250310.27	241465.76	3.75	ppb
Strontium	86-1	514.38	506.70	500.85	507.31	1.34	ppb
Strontium	88-1	512.62	510.83	500.73	508.06	1.26	ppb
Sulfur	34-1	8966.85	8898.38	7942.49	8602.57	6.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.42	507.32	504.69	508.48	0.88	ppb
Thallium	205-1	513.69	509.76	508.02	510.49	0.57	ppb
Tin	118-1	502.08	497.05	498.67	499.27	0.51	ppb
Titanium	47-1	2566.03	2474.86	2431.47	2490.79	2.76	ppb
Uranium	238-1	510.16	514.50	502.44	509.04	1.20	ppb
Vanadium	51-2	495.28	478.60	512.84	495.57	3.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	945.24	909.73	986.81	947.26	4.07	ppb
Zirconium	90-1	505.34	500.91	496.84	501.03	0.85	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:34:42	DataFile Name :	017CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.92	494.30	483.61	491.28	1.36	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:37:54	DataFile Name :	018CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-6.00	3.40	-6.00	-2.87		ppb
Antimony	121-1	0.29	0.29	0.27	0.28	3.43	ppb
Arsenic	75-2	0.06	0.00	-0.03	0.01	385.18	ppb
Barium	135-1	0.02	0.02	0.02	0.02	15.67	ppb
Barium	137-1	0.00	0.00	0.02	0.01	100.78	ppb
Beryllium	9-1	0.53	0.38	0.42	0.44	17.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.29	17.64	16.23	17.05	4.33	ppb
Boron	11-1	17.94	16.68	16.61	17.08	4.37	ppb
Cadmium	111-1	-0.04	0.00	-0.01	-0.02		ppb
Cadmium	106-1	-5.23	-3.71	-3.03	-3.99		ppb
Cadmium	108-1	-0.05	0.03	-0.05	-0.02		ppb
Calcium	43-1	-4.62	-15.43	-16.50	-12.19		ppb
Calcium	44-1	-15.16	-17.02	-17.65	-16.61		ppb
Chromium	52-2	-0.06	-0.09	-0.01	-0.05		ppb
Cobalt	59-2	0.01	0.03	0.04	0.03	51.16	ppb
Copper	63-2	0.05	0.03	0.03	0.04	31.41	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.97	6.02	6.00	5.99	0.45	ppb
Iron	57-2	5.40	7.31	5.54	6.08	17.52	ppb
Lead	206-1	0.12	0.14	0.13	0.13	5.79	ppb
Lead	207-1	0.10	0.12	0.12	0.12	8.75	ppb
Lead	208-1	0.11	0.12	0.12	0.12	6.82	ppb
Lithium	6-1						%
Magnesium	24-2	-2.19	-7.25	-18.23	-9.23		ppb
Manganese	55-2	0.14	0.06	-0.01	0.06	113.09	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:37:54	DataFile Name :	018CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.17	0.17	0.16	6.39	ppb
Molybdenum	95-1	0.17	0.13	0.17	0.16	14.19	ppb
Molybdenum	96-1	0.18	0.19	0.14	0.17	16.93	ppb
Molybdenum	97-1	0.15	0.22	0.14	0.17	27.91	ppb
Molybdenum	98-1	0.16	0.17	0.17	0.17	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.65	-0.36	-0.42		ppb
Phosphorus	31-2	-10.85	-10.85	-10.85	-10.85		ppb
Potassium	39-2	10.99	22.06	-6.08	8.99	157.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.15	0.00	7.22	4.79	86.61	ppb
Selenium	78-2	-1.20	0.02	0.04	-0.38		ppb
Selenium	82-1	0.30	0.13	-0.82	-0.13		ppb
Silicon	28-1	-31.61	-33.37	-32.70	-32.56		ppb
Silver	109-1	0.02	0.04	0.02	0.03	42.11	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.21	ppb
Sodium	23-2	59.67	67.71	67.32	64.90	6.99	ppb
Strontium	86-1	-0.04	0.06	0.08	0.03	204.69	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	52.26	ppb
Sulfur	34-1	-2898.97	-2334.25	-2298.31	-2510.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.15	0.18	0.17	10.34	ppb
Thallium	205-1	0.16	0.18	0.16	0.17	4.64	ppb
Tin	118-1	0.07	0.10	0.03	0.07	60.28	ppb
Titanium	47-1	-0.02	-0.07	0.03	-0.02		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	51.21	ppb
Vanadium	51-2	0.02	0.02	0.00	0.01	80.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.22	0.22	0.19	0.21	8.81	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.56	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:37:54	DataFile Name :	018CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	14.52	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:41:05	DataFile Name :	019SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.15	27.88	8.26	16.43	62.18	ppb
Antimony	121-1	1.90	1.86	1.94	1.90	2.06	ppb
Arsenic	75-2	0.79	1.02	1.34	1.05	26.55	ppb
Barium	135-1	9.36	9.26	8.64	9.08	4.30	ppb
Barium	137-1	8.72	9.27	9.34	9.11	3.71	ppb
Beryllium	9-1	1.36	1.22	1.12	1.23	9.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.99	31.12	30.09	29.73	5.38	ppb
Boron	11-1	29.14	30.95	33.05	31.05	6.31	ppb
Cadmium	111-1	0.80	0.88	0.94	0.87	8.02	ppb
Cadmium	106-1	4.40	1.26	2.27	2.64	60.49	ppb
Cadmium	108-1	0.92	0.79	0.74	0.82	10.95	ppb
Calcium	43-1	405.44	425.10	426.89	419.14	2.84	ppb
Calcium	44-1	437.73	423.46	431.20	430.80	1.66	ppb
Chromium	52-2	1.85	1.74	1.59	1.72	7.36	ppb
Cobalt	59-2	0.87	0.95	1.08	0.97	11.28	ppb
Copper	63-2	1.89	2.01	1.97	1.96	3.04	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	52.88	53.31	50.13	52.10	3.31	ppb
Iron	57-2	46.73	64.48	43.12	51.44	22.22	ppb
Lead	206-1	1.00	0.95	0.93	0.96	3.23	ppb
Lead	207-1	1.00	1.02	1.02	1.01	0.78	ppb
Lead	208-1	1.02	0.99	1.00	1.00	1.35	ppb
Lithium	6-1						%
Magnesium	24-2	471.58	448.57	460.89	460.35	2.50	ppb
Manganese	55-2	1.07	1.25	1.25	1.19	9.01	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:41:05	DataFile Name :	019SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.84	4.83	4.73	4.80	1.30	ppb
Molybdenum	95-1	4.76	4.42	4.46	4.55	4.02	ppb
Molybdenum	96-1	4.79	4.92	4.62	4.78	3.22	ppb
Molybdenum	97-1	4.79	4.66	4.88	4.78	2.28	ppb
Molybdenum	98-1	4.79	4.77	4.65	4.74	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.51	0.30	0.49	34.86	ppb
Phosphorus	31-2	59.10	24.49	-10.85	24.25	144.26	ppb
Potassium	39-2	450.93	446.64	462.91	453.49	1.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	7.26	2.42	173.21	ppb
Selenium	78-2	11.30	3.82	6.26	7.13	53.53	ppb
Selenium	82-1	4.96	4.96	4.23	4.72	8.95	ppb
Silicon	28-1	-10.86	-13.33	-11.91	-12.03		ppb
Silver	109-1	1.04	1.02	0.95	1.00	4.67	ppb
Silver	107-1	0.95	0.96	0.92	0.95	2.55	ppb
Sodium	23-2	517.99	498.39	500.67	505.68	2.12	ppb
Strontium	86-1	0.96	0.72	1.00	0.89	17.28	ppb
Strontium	88-1	0.97	0.97	0.95	0.96	1.15	ppb
Sulfur	34-1	-1821.90	-2482.81	-2108.33	-2137.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.04	1.01	0.96	1.00	3.79	ppb
Thallium	205-1	1.01	0.98	0.98	0.99	1.80	ppb
Tin	118-1	4.51	4.52	4.65	4.56	1.70	ppb
Titanium	47-1	4.81	4.63	4.37	4.60	4.73	ppb
Uranium	238-1	0.90	0.88	0.88	0.89	1.59	ppb
Vanadium	51-2	4.55	5.24	5.18	4.99	7.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.19	1.75	2.44	2.13	16.43	ppb
Zirconium	90-1	0.91	0.99	0.99	0.96	4.77	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:41:05	DataFile Name :	019SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	0.94	0.99	0.99	3.87	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:45:03	DataFile Name :	020CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.61	1.41	1.39	-0.27		ppb
Antimony	121-1	0.03	0.05	0.05	0.04	31.06	ppb
Arsenic	75-2	-0.05	-0.03	-0.02	-0.03		ppb
Barium	135-1	0.02	-0.01	0.02	0.01	178.75	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.16	0.07	0.16	0.13	39.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.42	6.97	7.60	7.33	4.42	ppb
Boron	11-1	6.08	6.72	6.25	6.35	5.19	ppb
Cadmium	111-1	-0.04	-0.01	-0.01	-0.02		ppb
Cadmium	106-1	-2.49	-1.07	-0.87	-1.48		ppb
Cadmium	108-1	-0.01	-0.05	-0.05	-0.04		ppb
Calcium	43-1	-22.37	-13.36	-16.55	-17.43		ppb
Calcium	44-1	-18.69	-18.84	-17.87	-18.47		ppb
Chromium	52-2	-0.01	-0.11	-0.11	-0.07		ppb
Cobalt	59-2	0.02	-0.01	0.00	0.01	240.78	ppb
Copper	63-2	0.05	0.00	-0.02	0.01	279.14	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.78	3.06	4.18	3.34	22.21	ppb
Iron	57-2	5.56	4.52	4.50	4.86	12.52	ppb
Lead	206-1	0.08	0.06	0.08	0.07	19.73	ppb
Lead	207-1	0.07	0.07	0.06	0.07	8.06	ppb
Lead	208-1	0.07	0.06	0.07	0.07	7.81	ppb
Lithium	6-1						%
Magnesium	24-2	-4.90	-12.23	-11.20	-9.44		ppb
Manganese	55-2	0.04	-0.06	0.05	0.01	539.95	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:45:03	DataFile Name :	020CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.01	0.02	0.03	88.44	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	69.05	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.01	92.11	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.00	179.92	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.01	80.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.31	-0.26	-0.54	-0.37		ppb
Phosphorus	31-2	-10.85	25.21	-10.85	1.17	1782.99	ppb
Potassium	39-2	-20.71	-8.14	-15.98	-14.94		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	0.04	-1.20	-0.79		ppb
Selenium	82-1	0.38	0.17	0.35	0.30	36.55	ppb
Silicon	28-1	-35.41	-35.71	-36.59	-35.90		ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.49	ppb
Silver	107-1	0.01	0.01	0.00	0.01	64.18	ppb
Sodium	23-2	38.37	48.88	37.01	41.42	15.69	ppb
Strontium	86-1	0.04	0.09	-0.02	0.03	171.60	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2282.76	-1993.78	-2361.69	-2212.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.04	0.05	0.05	17.08	ppb
Thallium	205-1	0.05	0.05	0.07	0.06	15.14	ppb
Tin	118-1	0.00	-0.03	0.00	-0.01		ppb
Titanium	47-1	-0.02	0.10	-0.02	0.02	374.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	0.04	0.04	0.03	86.69	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	79.36	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:45:03	DataFile Name :	020CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:48:14	DataFile Name :	021LCSE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.90	31.84	58.28	38.67	44.58	ppb
Antimony	121-1	3.92	3.73	3.74	3.80	2.80	ppb
Arsenic	75-2	2.01	1.83	1.89	1.91	4.85	ppb
Barium	135-1	18.56	18.49	18.37	18.47	0.50	ppb
Barium	137-1	18.72	18.59	18.88	18.73	0.78	ppb
Beryllium	9-1	2.07	1.99	2.07	2.05	2.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.02	47.86	47.80	47.89	0.24	ppb
Boron	11-1	47.13	47.82	47.10	47.35	0.86	ppb
Cadmium	111-1	1.76	1.79	2.04	1.87	8.23	ppb
Cadmium	106-1	1.76	6.07	12.13	6.65	78.28	ppb
Cadmium	108-1	1.78	1.87	2.00	1.88	6.03	ppb
Calcium	43-1	896.31	893.88	863.63	884.61	2.06	ppb
Calcium	44-1	874.06	898.23	900.95	891.08	1.66	ppb
Chromium	52-2	4.17	3.60	4.80	4.19	14.32	ppb
Cobalt	59-2	1.97	1.89	2.29	2.05	10.19	ppb
Copper	63-2	3.94	3.66	4.65	4.08	12.47	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	437.21	420.57	476.00	444.59	6.40	ppb
Iron	57-2	452.06	383.22	490.93	442.07	12.34	ppb
Lead	206-1	1.96	1.99	1.98	1.97	0.78	ppb
Lead	207-1	1.89	1.90	1.99	1.93	2.92	ppb
Lead	208-1	1.95	1.94	1.98	1.96	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	981.74	925.58	1053.19	986.84	6.48	ppb
Manganese	55-2	1.95	2.41	2.19	2.18	10.48	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:48:14	DataFile Name :	021LCSE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.70	9.52	9.24	9.49	2.41	ppb
Molybdenum	95-1	9.46	9.01	9.18	9.22	2.47	ppb
Molybdenum	96-1	9.44	9.30	9.28	9.34	0.96	ppb
Molybdenum	97-1	9.24	9.48	9.38	9.36	1.28	ppb
Molybdenum	98-1	9.31	9.14	9.55	9.33	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.14	2.66	2.28	14.29	ppb
Phosphorus	31-2	-10.85	23.69	28.27	13.70	156.11	ppb
Potassium	39-2	964.32	921.52	1077.54	987.79	8.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	21.67	24.45	15.37	87.07	ppb
Selenium	78-2	9.86	9.93	15.54	11.77	27.67	ppb
Selenium	82-1	9.43	10.01	9.70	9.72	2.99	ppb
Silicon	28-1	-0.78	-3.06	3.29	-0.18		ppb
Silver	109-1	1.86	1.92	1.99	1.92	3.39	ppb
Silver	107-1	1.98	1.96	2.05	2.00	2.46	ppb
Sodium	23-2	957.53	955.32	1136.50	1016.45	10.23	ppb
Strontium	86-1	2.00	1.86	1.90	1.92	3.83	ppb
Strontium	88-1	1.92	1.94	1.91	1.92	0.64	ppb
Sulfur	34-1	-2216.41	-2300.90	-2164.16	-2227.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.92	1.86	1.95	1.91	2.39	ppb
Thallium	205-1	1.93	1.94	1.94	1.94	0.22	ppb
Tin	118-1	9.00	9.24	9.44	9.22	2.40	ppb
Titanium	47-1	9.66	9.08	9.50	9.41	3.15	ppb
Uranium	238-1	1.74	1.87	1.76	1.79	3.75	ppb
Vanadium	51-2	9.43	9.36	10.11	9.63	4.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.69	4.17	5.09	4.65	9.89	ppb
Zirconium	90-1	1.99	1.96	1.97	1.97	0.62	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:48:14	DataFile Name :	021LCSE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.89	1.85	1.83	1.86	1.60	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:51:58	DataFile Name :	022SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.44	90.21	118.47	107.37	14.04	ppb
Antimony	121-1	0.44	0.50	0.43	0.46	7.69	ppb
Arsenic	75-2	0.49	0.60	0.66	0.58	14.40	ppb
Barium	135-1	1170.54	1149.07	1167.90	1162.50	1.01	ppb
Barium	137-1	1181.24	1161.54	1172.31	1171.70	0.84	ppb
Beryllium	9-1	0.14	0.00	0.12	0.09	86.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.65	8.52	6.05	7.07	18.24	ppb
Boron	11-1	7.01	6.66	6.44	6.70	4.29	ppb
Cadmium	111-1	0.12	0.21	0.14	0.15	30.54	ppb
Cadmium	106-1	-4.15	0.41	-3.64	-2.46		ppb
Cadmium	108-1	0.11	0.15	0.27	0.17	46.92	ppb
Calcium	43-1	399116.95	404941.19	405527.86	403195.33	0.88	ppb
Calcium	44-1	401788.06	404325.77	405418.83	403844.22	0.46	ppb
Chromium	52-2	1.02	1.04	0.87	0.98	9.25	ppb
Cobalt	59-2	0.21	0.18	0.23	0.21	13.61	ppb
Copper	63-2	126.25	121.78	123.96	124.00	1.80	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	734.98	711.77	708.11	718.29	2.03	ppb
Iron	57-2	716.60	668.63	669.85	685.02	3.99	ppb
Lead	206-1	2077.74	2109.19	2063.33	2083.42	1.13	ppb
Lead	207-1	1778.36	1816.15	1780.77	1791.76	1.18	ppb
Lead	208-1	1901.40	1938.16	1895.99	1911.85	1.20	ppb
Lithium	6-1						%
Magnesium	24-2	28.29	24.35	22.38	25.01	12.02	ppb
Manganese	55-2	9.81	8.58	9.57	9.32	7.00	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:51:58	DataFile Name :	022SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.63	0.45	1.08	0.72	44.88	ppb
Molybdenum	95-1	0.20	0.24	0.20	0.22	10.36	ppb
Molybdenum	96-1	0.24	0.25	0.25	0.25	1.15	ppb
Molybdenum	97-1	0.14	0.25	0.22	0.21	27.07	ppb
Molybdenum	98-1	0.19	0.21	0.15	0.18	16.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.14	1.15	1.11	4.92	ppb
Phosphorus	31-2	128.74	160.59	57.79	115.71	45.48	ppb
Potassium	39-2	73.85	55.62	52.37	60.61	19.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	13.71	0.00	4.57	173.21	ppb
Selenium	78-2	1.11	-0.03	-1.20	-0.04		ppb
Selenium	82-1	0.81	0.19	1.02	0.67	64.52	ppb
Silicon	28-1	334.70	202.65	283.65	273.67	24.33	ppb
Silver	109-1	0.36	0.43	0.42	0.40	8.76	ppb
Silver	107-1	0.40	0.37	0.44	0.40	7.76	ppb
Sodium	23-2	187.81	202.05	186.34	192.07	4.52	ppb
Strontium	86-1	204.09	207.55	206.00	205.88	0.84	ppb
Strontium	88-1	212.16	212.24	210.71	211.71	0.41	ppb
Sulfur	34-1	316054.94	314972.29	316684.63	315903.95	0.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.21	0.21	0.21	0.37	ppb
Thallium	205-1	0.22	0.22	0.20	0.21	4.80	ppb
Tin	118-1	12.26	18.78	12.60	14.55	25.22	ppb
Titanium	47-1	9.05	10.51	13.42	10.99	20.27	ppb
Uranium	238-1	0.17	0.17	0.17	0.17	1.12	ppb
Vanadium	51-2	6.24	5.87	5.55	5.89	5.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.13	17.16	15.86	16.72	4.45	ppb
Zirconium	90-1	0.22	0.22	0.27	0.24	13.26	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:51:58	DataFile Name :	022SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.22	0.26	0.23	13.32	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:55:05	DataFile Name :	023SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.41	80.38	121.74	93.51	26.17	ppb
Antimony	121-1	0.26	0.25	0.25	0.26	3.09	ppb
Arsenic	75-2	0.10	0.34	0.16	0.20	61.63	ppb
Barium	135-1	482.11	482.24	473.55	479.30	1.04	ppb
Barium	137-1	482.05	480.77	476.70	479.84	0.58	ppb
Beryllium	9-1	0.02	0.12	-0.02	0.04	162.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.05	3.87	5.25	4.72	15.77	ppb
Boron	11-1	5.57	4.40	4.47	4.81	13.69	ppb
Cadmium	111-1	0.69	0.74	0.72	0.71	3.78	ppb
Cadmium	106-1	-0.39	1.16	1.32	0.70	135.23	ppb
Cadmium	108-1	0.74	0.66	1.13	0.84	29.90	ppb
Calcium	43-1	365926.10	356935.81	354023.81	358961.91	1.73	ppb
Calcium	44-1	368994.90	356193.12	357880.98	361023.00	1.93	ppb
Chromium	52-2	0.68	0.78	0.66	0.71	8.63	ppb
Cobalt	59-2	0.22	0.22	0.23	0.22	3.70	ppb
Copper	63-2	79.66	78.41	79.95	79.34	1.03	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	397.37	398.82	431.26	409.15	4.68	ppb
Iron	57-2	385.73	351.44	398.49	378.55	6.43	ppb
Lead	206-1	415.22	392.40	400.98	402.87	2.86	ppb
Lead	207-1	342.04	329.64	326.21	332.63	2.50	ppb
Lead	208-1	378.54	363.80	363.78	368.71	2.31	ppb
Lithium	6-1						%
Magnesium	24-2	13.74	24.31	22.87	20.30	28.23	ppb
Manganese	55-2	6.00	6.19	5.85	6.02	2.81	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:55:05	DataFile Name :	023SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.53	0.44	0.89	0.62	39.01	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.04	32.98	ppb
Molybdenum	96-1	0.11	0.14	0.12	0.12	14.00	ppb
Molybdenum	97-1	0.05	0.00	0.03	0.03	94.27	ppb
Molybdenum	98-1	0.04	0.02	0.06	0.04	45.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	0.91	0.92	1.07	25.35	ppb
Phosphorus	31-2	122.50	88.79	57.03	89.44	36.61	ppb
Potassium	39-2	34.45	31.87	27.79	31.37	10.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.86	2.29	173.21	ppb
Selenium	78-2	1.13	-0.04	2.33	1.14	104.09	ppb
Selenium	82-1	1.26	0.61	0.48	0.78	53.40	ppb
Silicon	28-1	129.29	83.07	141.58	117.98	26.15	ppb
Silver	109-1	0.21	0.20	0.22	0.21	5.14	ppb
Silver	107-1	0.19	0.22	0.22	0.21	8.76	ppb
Sodium	23-2	231.58	223.71	253.08	236.12	6.44	ppb
Strontium	86-1	385.20	374.65	374.44	378.10	1.63	ppb
Strontium	88-1	392.25	377.94	379.25	383.15	2.06	ppb
Sulfur	34-1	286157.66	284232.01	282425.83	284271.83	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.10	0.09	11.89	ppb
Thallium	205-1	0.10	0.10	0.12	0.10	10.81	ppb
Tin	118-1	7.57	7.39	7.47	7.48	1.24	ppb
Titanium	47-1	7.66	6.23	4.86	6.25	22.39	ppb
Uranium	238-1	0.08	0.06	0.07	0.07	16.28	ppb
Vanadium	51-2	0.95	1.01	1.12	1.03	8.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	59.21	60.35	62.26	60.61	2.54	ppb
Zirconium	90-1	0.24	0.29	0.25	0.26	9.48	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:55:05	DataFile Name :	023SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.24	0.42	0.35	26.83	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:58:14	DataFile Name :	024SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	334.93	319.37	380.34	344.88	9.19	ppb
Antimony	121-1	0.84	0.98	0.97	0.93	8.15	ppb
Arsenic	75-2	8.82	8.30	9.99	9.03	9.59	ppb
Barium	135-1	1790.19	1893.95	1832.28	1838.81	2.84	ppb
Barium	137-1	2142.68	1798.44	1753.69	1898.27	11.21	ppb
Beryllium	9-1	0.13	0.11	0.13	0.12	7.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.24	4.87	6.30	5.47	13.63	ppb
Boron	11-1	4.24	3.74	4.25	4.08	7.21	ppb
Cadmium	111-1	0.25	0.31	0.29	0.28	10.03	ppb
Cadmium	106-1	-2.82	-0.90	-2.31	-2.01		ppb
Cadmium	108-1	0.38	0.47	0.15	0.33	50.21	ppb
Calcium	43-1	339950.62	340579.28	343988.31	341506.07	0.64	ppb
Calcium	44-1	337881.81	340820.53	341324.83	340009.06	0.55	ppb
Chromium	52-2	1.72	1.69	1.90	1.77	6.20	ppb
Cobalt	59-2	0.27	0.23	0.29	0.26	13.26	ppb
Copper	63-2	53.85	53.52	53.87	53.75	0.36	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2323.40	2305.64	2326.82	2318.62	0.49	ppb
Iron	57-2	2257.66	2212.62	2275.39	2248.56	1.44	ppb
Lead	206-1	1239.48	1246.57	1224.84	1236.96	0.90	ppb
Lead	207-1	1165.89	1180.85	1161.08	1169.27	0.88	ppb
Lead	208-1	1201.01	1219.20	1196.00	1205.40	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	57.90	60.72	56.74	58.46	3.51	ppb
Manganese	55-2	11.68	12.53	12.41	12.21	3.76	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:58:14	DataFile Name :	024SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.28	1.02	1.17	1.49	46.34	ppb
Molybdenum	95-1	0.22	0.16	0.20	0.19	14.13	ppb
Molybdenum	96-1	0.28	0.30	0.30	0.29	3.38	ppb
Molybdenum	97-1	0.22	0.27	0.22	0.23	12.93	ppb
Molybdenum	98-1	0.21	0.24	0.23	0.23	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	1.75	2.11	1.92	9.24	ppb
Phosphorus	31-2	59.82	94.78	166.66	107.09	50.87	ppb
Potassium	39-2	27.96	2.05	39.10	23.04	82.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.06	7.05	14.18	9.43	43.63	ppb
Selenium	78-2	2.43	1.21	3.65	2.43	50.14	ppb
Selenium	82-1	1.07	0.92	1.28	1.09	16.28	ppb
Silicon	28-1	368.83	403.71	766.41	512.98	42.92	ppb
Silver	109-1	0.16	0.19	0.20	0.18	8.98	ppb
Silver	107-1	0.20	0.19	0.19	0.19	3.07	ppb
Sodium	23-2	277.70	295.57	290.67	287.98	3.21	ppb
Strontium	86-1	422.17	426.78	422.02	423.66	0.64	ppb
Strontium	88-1	429.59	437.30	429.51	432.13	1.04	ppb
Sulfur	34-1	264176.50	266541.39	268003.64	266240.51	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.06	0.06	0.05	32.50	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	8.01	ppb
Tin	118-1	18.23	19.00	18.36	18.53	2.22	ppb
Titanium	47-1	20.55	15.86	15.55	17.32	16.18	ppb
Uranium	238-1	0.22	0.22	0.21	0.22	2.14	ppb
Vanadium	51-2	8.43	8.77	8.60	8.60	1.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	99.55	99.11	101.41	100.02	1.22	ppb
Zirconium	90-1	0.60	0.64	1.01	0.75	29.94	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:58:14	DataFile Name :	024SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.63	0.62	0.55	24.26	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:01:22	DataFile Name :	025SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7317.33	6926.45	7398.77	7214.18	3.50	ppb
Antimony	121-1	1.50	1.40	1.49	1.46	3.64	ppb
Arsenic	75-2	6.73	6.48	7.34	6.85	6.44	ppb
Barium	135-1	257.96	256.97	258.83	257.92	0.36	ppb
Barium	137-1	259.61	258.02	254.94	257.52	0.92	ppb
Beryllium	9-1	0.71	0.80	0.59	0.70	15.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.23	6.28	7.42	6.64	10.13	ppb
Boron	11-1	5.80	6.18	6.34	6.11	4.54	ppb
Cadmium	111-1	0.85	0.78	0.72	0.78	8.86	ppb
Cadmium	106-1	4.52	2.01	1.17	2.57	67.91	ppb
Cadmium	108-1	0.90	1.06	0.74	0.90	17.75	ppb
Calcium	43-1	132295.43	133508.66	130798.59	132200.89	1.03	ppb
Calcium	44-1	129873.41	130663.99	129690.56	130075.99	0.40	ppb
Chromium	52-2	16.99	16.21	17.24	16.81	3.20	ppb
Cobalt	59-2	4.70	4.55	4.74	4.66	2.14	ppb
Copper	63-2	149.73	147.36	154.24	150.44	2.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10100.33	10018.60	10400.13	10173.02	1.97	ppb
Iron	57-2	9619.50	9580.78	9938.13	9712.80	2.02	ppb
Lead	206-1	414.75	415.03	419.41	416.40	0.63	ppb
Lead	207-1	364.92	369.24	365.80	366.66	0.62	ppb
Lead	208-1	389.87	391.91	390.03	390.60	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	1435.49	1434.60	1486.29	1452.13	2.04	ppb
Manganese	55-2	194.82	194.72	203.22	197.59	2.47	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:01:22	DataFile Name :	025SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.48	2.88	2.62	2.99	14.77	ppb
Molybdenum	95-1	0.49	0.54	0.52	0.52	5.57	ppb
Molybdenum	96-1	0.93	5.73	1.03	2.57	106.95	ppb
Molybdenum	97-1	0.53	0.55	0.54	0.54	1.67	ppb
Molybdenum	98-1	0.51	0.58	0.51	0.53	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.83	12.23	13.36	12.81	4.43	ppb
Phosphorus	31-2	749.54	787.34	795.05	777.31	3.13	ppb
Potassium	39-2	249.81	256.47	277.81	261.36	5.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	69.78	35.31	50.63	51.91	33.27	ppb
Selenium	78-2	3.58	6.05	6.23	5.29	28.01	ppb
Selenium	82-1	1.57	1.61	1.61	1.60	1.54	ppb
Silicon	28-1	1981.47	1935.08	1755.29	1890.61	6.32	ppb
Silver	109-1	0.28	0.33	0.32	0.31	7.53	ppb
Silver	107-1	0.32	0.34	0.37	0.35	7.12	ppb
Sodium	23-2	396.91	402.36	417.71	405.66	2.66	ppb
Strontium	86-1	175.53	174.72	174.31	174.86	0.36	ppb
Strontium	88-1	179.44	177.98	179.23	178.88	0.44	ppb
Sulfur	34-1	97908.74	97619.41	95635.99	97054.71	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.13	0.12	0.12	3.85	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	10.09	ppb
Tin	118-1	5.38	6.00	5.59	5.65	5.62	ppb
Titanium	47-1	104.99	107.56	110.41	107.65	2.52	ppb
Uranium	238-1	7.02	6.92	6.96	6.97	0.76	ppb
Vanadium	51-2	43.84	42.43	46.48	44.25	4.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	189.51	190.97	204.38	194.95	4.20	ppb
Zirconium	90-1	1.44	1.47	1.67	1.53	7.99	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:01:22	DataFile Name :	025SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.50	1.69	1.61	1.60	6.00	ppb

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : J1217-05 Instrumnet Name : P8
 Client Sample ID : MB0AE8 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 15:04:31 DataFile Name : 026SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	218.89	180.67	135.52	178.36	23.40	ppb
Antimony	121-1	0.29	0.27	0.29	0.28	2.48	ppb
Arsenic	75-2	2.37	3.24	2.07	2.56	23.67	ppb
Barium	135-1	3547.58	3374.62	3498.63	3473.61	2.57	ppb
Barium	137-1	3523.91	3194.48	3652.36	3456.92	6.83	ppb
Beryllium	9-1	0.02	0.11	0.10	0.08	67.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.41	4.61	3.12	4.05	19.98	ppb
Boron	11-1	3.16	3.37	3.39	3.31	3.88	ppb
Cadmium	111-1	0.27	0.29	0.27	0.28	4.34	ppb
Cadmium	106-1	-1.48	1.38	-2.93	-1.01		ppb
Cadmium	108-1	0.26	0.38	0.41	0.35	22.49	ppb
Calcium	43-1	386864.52	382200.55	384492.12	384519.06	0.61	ppb
Calcium	44-1	387835.34	386368.89	384252.77	386152.33	0.47	ppb
Chromium	52-2	0.86	1.08	0.76	0.90	18.64	ppb
Cobalt	59-2	0.23	0.25	0.32	0.26	17.32	ppb
Copper	63-2	97.56	109.58	98.42	101.85	6.58	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	627.68	704.14	624.30	652.04	6.92	ppb
Iron	57-2	616.86	718.82	614.79	650.15	9.15	ppb
Lead	206-1	680.14	686.80	687.97	684.97	0.62	ppb
Lead	207-1	591.78	580.13	585.77	585.89	0.99	ppb
Lead	208-1	624.07	631.83	629.85	628.58	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	60.91	70.17	64.80	65.30	7.12	ppb
Manganese	55-2	24.45	28.34	24.07	25.62	9.23	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:04:31	DataFile Name :	026SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.69	0.47	0.75	0.64	23.61	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	6.42	ppb
Molybdenum	96-1	0.18	0.14	0.17	0.16	12.33	ppb
Molybdenum	97-1	0.15	0.12	0.10	0.12	19.11	ppb
Molybdenum	98-1	0.09	0.14	0.13	0.12	22.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	1.08	0.68	0.73	45.82	ppb
Phosphorus	31-2	26.47	156.97	214.72	132.72	72.66	ppb
Potassium	39-2	88.49	70.82	71.45	76.92	13.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.34	25.66	0.00	11.00	120.15	ppb
Selenium	78-2	3.83	-1.20	1.32	1.32	191.12	ppb
Selenium	82-1	0.83	0.76	1.32	0.97	31.40	ppb
Silicon	28-1	411.21	443.60	280.19	378.33	22.87	ppb
Silver	109-1	0.16	0.18	0.18	0.17	8.08	ppb
Silver	107-1	0.17	0.17	0.19	0.18	4.21	ppb
Sodium	23-2	301.32	345.12	282.26	309.57	10.41	ppb
Strontium	86-1	323.34	323.18	324.84	323.79	0.28	ppb
Strontium	88-1	331.48	334.77	334.14	333.46	0.52	ppb
Sulfur	34-1	297398.63	296064.38	297106.33	296856.45	0.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	56.14	ppb
Thallium	205-1	0.02	0.02	0.04	0.03	41.13	ppb
Tin	118-1	2.26	2.26	2.19	2.24	1.81	ppb
Titanium	47-1	10.34	10.90	12.32	11.19	9.09	ppb
Uranium	238-1	0.12	0.12	0.14	0.13	6.42	ppb
Vanadium	51-2	7.05	7.94	6.96	7.32	7.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.24	46.84	38.61	41.56	11.02	ppb
Zirconium	90-1	0.24	0.39	0.31	0.31	23.91	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:04:31	DataFile Name :	026SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.26	0.26	0.27	10.38	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:07:39	DataFile Name :	027SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.13	145.87	159.93	146.31	9.16	ppb
Antimony	121-1	0.30	0.30	0.30	0.30	0.46	ppb
Arsenic	75-2	2.36	2.20	2.89	2.48	14.57	ppb
Barium	135-1	3532.04	3760.42	3688.19	3660.22	3.19	ppb
Barium	137-1	3284.86	3590.49	3658.26	3511.20	5.67	ppb
Beryllium	9-1	0.03	0.09	0.04	0.05	64.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.27	3.68	4.19	4.04	7.87	ppb
Boron	11-1	3.45	3.34	3.52	3.44	2.70	ppb
Cadmium	111-1	0.22	0.15	0.32	0.23	37.34	ppb
Cadmium	106-1	-2.52	-6.90	1.45	-2.65		ppb
Cadmium	108-1	0.23	0.33	0.23	0.27	20.18	ppb
Calcium	43-1	385381.72	381042.53	380384.06	382269.44	0.71	ppb
Calcium	44-1	386352.83	382513.49	379567.62	382811.31	0.89	ppb
Chromium	52-2	0.67	0.76	0.71	0.71	5.82	ppb
Cobalt	59-2	0.22	0.24	0.25	0.24	7.08	ppb
Copper	63-2	91.82	95.44	93.29	93.51	1.95	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	584.26	613.17	594.47	597.30	2.45	ppb
Iron	57-2	553.85	612.40	574.13	580.13	5.12	ppb
Lead	206-1	686.99	695.56	679.86	687.47	1.14	ppb
Lead	207-1	569.08	576.11	574.51	573.23	0.64	ppb
Lead	208-1	616.22	628.37	612.63	619.07	1.33	ppb
Lithium	6-1						%
Magnesium	24-2	57.25	64.06	58.13	59.81	6.19	ppb
Manganese	55-2	22.45	24.02	24.91	23.80	5.23	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:07:39	DataFile Name :	027SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.56	1.15	1.10	0.94	35.08	ppb
Molybdenum	95-1	0.13	0.13	0.10	0.12	12.53	ppb
Molybdenum	96-1	0.26	0.76	0.14	0.39	84.77	ppb
Molybdenum	97-1	0.11	0.08	0.09	0.10	18.14	ppb
Molybdenum	98-1	0.12	0.12	0.11	0.12	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.43	0.59	0.56	21.06	ppb
Phosphorus	31-2	129.32	280.17	131.74	180.41	47.89	ppb
Potassium	39-2	81.31	98.19	44.73	74.74	36.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	21.71	0.00	7.24	173.21	ppb
Selenium	78-2	-1.20	0.04	5.10	1.31	254.31	ppb
Selenium	82-1	0.58	0.30	1.26	0.72	69.13	ppb
Silicon	28-1	470.51	389.94	429.38	429.94	9.37	ppb
Silver	109-1	0.16	0.19	0.18	0.18	9.37	ppb
Silver	107-1	0.16	0.18	0.15	0.17	8.37	ppb
Sodium	23-2	261.45	283.35	275.58	273.46	4.06	ppb
Strontium	86-1	330.52	324.42	326.18	327.04	0.96	ppb
Strontium	88-1	330.89	330.69	332.51	331.36	0.30	ppb
Sulfur	34-1	300048.98	295566.48	294842.82	296819.43	0.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	5.96	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	29.41	ppb
Tin	118-1	1.90	2.22	2.09	2.07	7.79	ppb
Titanium	47-1	9.28	9.85	14.19	11.11	24.18	ppb
Uranium	238-1	0.12	0.13	0.12	0.12	1.77	ppb
Vanadium	51-2	6.46	6.95	6.75	6.72	3.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	40.68	40.27	40.13	40.36	0.71	ppb
Zirconium	90-1	0.40	0.72	1.29	0.81	56.10	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:07:39	DataFile Name :	027SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.38	0.31	0.30	27.00	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LX5	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-19 15:10:46	DataFile Name :	028SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.49	23.93	18.67	18.36	31.18	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	9.50	ppb
Arsenic	75-2	0.43	0.62	0.32	0.46	32.39	ppb
Barium	135-1	762.52	754.93	899.78	805.74	10.12	ppb
Barium	137-1	793.88	778.56	917.78	830.07	9.20	ppb
Beryllium	9-1	0.08	0.06	0.07	0.07	10.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.66	1.89	2.70	2.75	32.17	ppb
Boron	11-1	3.19	3.16	2.68	3.01	9.45	ppb
Cadmium	111-1	-0.02	0.08	0.03	0.03	179.55	ppb
Cadmium	106-1	-4.66	2.64	-2.29	-1.44		ppb
Cadmium	108-1	-0.01	0.08	0.06	0.04	107.58	ppb
Calcium	43-1	72825.26	72335.65	85825.29	76995.40	9.94	ppb
Calcium	44-1	73540.89	73573.45	87129.24	78081.19	10.04	ppb
Chromium	52-2	0.08	0.17	0.17	0.14	39.39	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	9.00	ppb
Copper	63-2	18.29	18.07	17.28	17.88	2.96	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	114.67	114.13	110.56	113.12	1.98	ppb
Iron	57-2	115.06	110.81	109.05	111.64	2.77	ppb
Lead	206-1	132.03	130.67	155.62	139.44	10.06	ppb
Lead	207-1	109.51	108.46	129.36	115.78	10.17	ppb
Lead	208-1	119.16	118.15	140.82	126.04	10.16	ppb
Lithium	6-1						%
Magnesium	24-2	-0.60	6.20	-0.82	1.59	250.55	ppb
Manganese	55-2	4.53	4.04	4.50	4.36	6.34	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LX5	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-19 15:10:46	DataFile Name :	028SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.08	0.15	0.12	28.90	ppb
Molybdenum	95-1	0.01	0.02	0.05	0.03	61.38	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	46.48	ppb
Molybdenum	97-1	0.00	0.00	0.03	0.01	215.93	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.08	-0.53	-0.35		ppb
Phosphorus	31-2	22.91	22.77	-10.85	11.61	167.56	ppb
Potassium	39-2	-17.19	14.53	1.85	-0.27		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	3.58	1.19	1.19	200.63	ppb
Selenium	82-1	0.52	0.19	0.05	0.25	95.95	ppb
Silicon	28-1	80.69	97.73	126.54	101.65	22.80	ppb
Silver	109-1	0.04	0.04	0.05	0.04	8.12	ppb
Silver	107-1	0.04	0.06	0.06	0.05	17.97	ppb
Sodium	23-2	109.95	109.62	118.29	112.62	4.36	ppb
Strontium	86-1	63.37	62.52	75.97	67.29	11.20	ppb
Strontium	88-1	65.11	63.66	76.92	68.56	10.61	ppb
Sulfur	34-1	60492.57	60243.88	73938.93	64891.80	12.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	96.67	ppb
Tin	118-1	0.44	0.47	0.47	0.46	3.33	ppb
Titanium	47-1	2.56	2.51	3.12	2.73	12.36	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	17.30	ppb
Vanadium	51-2	1.64	1.49	1.12	1.42	19.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.00	7.27	8.55	7.94	8.10	ppb
Zirconium	90-1	0.09	0.05	0.09	0.08	33.86	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LX5	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-19 15:10:46	DataFile Name :	028SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.05	0.06	0.10	83.42	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:13:56	DataFile Name :	029SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	575.58	495.47	520.06	530.37	7.74	ppb
Antimony	121-1	20.39	19.90	20.04	20.11	1.27	ppb
Arsenic	75-2	10.28	11.03	10.55	10.62	3.59	ppb
Barium	135-1	3787.25	3975.01	3954.50	3905.59	2.64	ppb
Barium	137-1	3530.14	3932.70	3665.76	3709.54	5.52	ppb
Beryllium	9-1	10.01	9.85	9.65	9.84	1.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.40	4.26	2.84	3.17	30.68	ppb
Boron	11-1	2.69	3.12	3.01	2.94	7.61	ppb
Cadmium	111-1	10.17	9.79	10.06	10.01	1.94	ppb
Cadmium	106-1	40.67	36.31	38.17	38.38	5.69	ppb
Cadmium	108-1	9.65	10.26	9.32	9.74	4.85	ppb
Calcium	43-1	388033.76	379448.09	385707.39	384396.41	1.16	ppb
Calcium	44-1	386724.28	382847.91	387561.84	385711.34	0.65	ppb
Chromium	52-2	41.32	42.83	43.72	42.62	2.85	ppb
Cobalt	59-2	103.48	107.02	108.53	106.34	2.44	ppb
Copper	63-2	145.24	151.65	152.95	149.95	2.75	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	825.54	831.42	848.66	835.21	1.44	ppb
Iron	57-2	816.87	852.18	851.59	840.21	2.41	ppb
Lead	206-1	699.42	693.74	699.26	697.47	0.46	ppb
Lead	207-1	573.48	603.77	586.77	588.01	2.58	ppb
Lead	208-1	627.03	633.99	632.01	631.01	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	68.58	68.51	71.65	69.58	2.57	ppb
Manganese	55-2	122.90	124.56	129.76	125.74	2.85	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:13:56	DataFile Name :	029SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.23	0.35	0.48	0.69	69.13	ppb
Molybdenum	95-1	0.12	0.09	0.10	0.10	16.51	ppb
Molybdenum	96-1	0.17	0.12	0.17	0.16	17.23	ppb
Molybdenum	97-1	0.09	0.10	0.18	0.12	40.96	ppb
Molybdenum	98-1	0.11	0.12	0.10	0.11	8.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.78	108.26	108.99	107.01	2.63	ppb
Phosphorus	31-2	200.69	62.06	171.29	144.68	50.49	ppb
Potassium	39-2	53.49	79.36	72.67	68.50	19.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	35.91	36.74	24.22	86.62	ppb
Selenium	78-2	15.95	24.61	28.98	23.18	28.61	ppb
Selenium	82-1	20.42	20.97	20.03	20.47	2.32	ppb
Silicon	28-1	502.81	335.23	336.61	391.55	24.61	ppb
Silver	109-1	9.37	9.86	9.73	9.65	2.65	ppb
Silver	107-1	9.75	9.65	9.65	9.68	0.63	ppb
Sodium	23-2	274.52	298.80	293.57	288.96	4.42	ppb
Strontium	86-1	326.79	327.26	328.31	327.46	0.24	ppb
Strontium	88-1	333.38	335.87	335.04	334.77	0.38	ppb
Sulfur	34-1	300884.81	297005.89	303113.99	300334.90	1.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	10.03	9.79	10.20	10.01	2.04	ppb
Thallium	205-1	10.08	10.22	10.11	10.14	0.73	ppb
Tin	118-1	2.23	2.06	2.40	2.23	7.71	ppb
Titanium	47-1	10.22	11.48	13.25	11.65	13.06	ppb
Uranium	238-1	0.13	0.12	0.15	0.13	9.54	ppb
Vanadium	51-2	108.35	113.73	113.81	111.96	2.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	138.28	137.68	146.87	140.95	3.65	ppb
Zirconium	90-1	0.25	0.31	0.35	0.30	16.59	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:13:56	DataFile Name :	029SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.47	0.28	0.35	30.30	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:17:04	DataFile Name :	030SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.49	9.82	10.45	12.92	37.40	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	13.24	ppb
Arsenic	75-2	-0.03	0.05	0.06	0.03	175.85	ppb
Barium	135-1	121.17	121.05	121.46	121.23	0.17	ppb
Barium	137-1	121.68	120.78	121.06	121.17	0.38	ppb
Beryllium	9-1	0.07	0.01	-0.02	0.02	240.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.26	3.48	2.12	2.62	28.46	ppb
Boron	11-1	2.30	2.15	1.98	2.14	7.54	ppb
Cadmium	111-1	0.03	-0.04	0.04	0.01	600.40	ppb
Cadmium	106-1	1.06	-3.34	1.12	-0.39		ppb
Cadmium	108-1	-0.05	0.32	-0.05	0.07	296.19	ppb
Calcium	43-1	39427.64	39799.79	39342.30	39523.24	0.62	ppb
Calcium	44-1	39635.96	40329.58	39284.83	39750.12	1.34	ppb
Chromium	52-2	-0.05	0.03	0.11	0.03	265.39	ppb
Cobalt	59-2	0.03	0.04	0.00	0.02	99.82	ppb
Copper	63-2	12.01	12.50	13.34	12.62	5.30	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	68.24	67.06	71.09	68.80	3.01	ppb
Iron	57-2	72.98	63.03	72.78	69.59	8.17	ppb
Lead	206-1	208.87	205.38	204.46	206.24	1.13	ppb
Lead	207-1	172.88	170.70	170.51	171.37	0.77	ppb
Lead	208-1	191.41	188.21	189.46	189.69	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	-3.36	-4.02	-1.72	-3.04		ppb
Manganese	55-2	1.03	0.89	0.93	0.95	7.86	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:17:04	DataFile Name :	030SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.10	0.02	0.05	84.61	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	27.43	ppb
Molybdenum	96-1	0.04	0.01	0.01	0.02	99.54	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	23.69	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	64.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.54	-0.61	-0.35	-0.50		ppb
Phosphorus	31-2	-10.85	-10.85	57.85	12.05	329.25	ppb
Potassium	39-2	-6.34	-14.91	-6.84	-9.36		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.12	1.19	-1.20	0.37	365.52	ppb
Selenium	82-1	-0.31	-0.22	0.51	0.00		ppb
Silicon	28-1	48.50	-9.49	-7.95	10.35	319.18	ppb
Silver	109-1	0.03	0.06	0.06	0.05	30.28	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.41	ppb
Sodium	23-2	73.60	85.16	99.11	85.96	14.86	ppb
Strontium	86-1	19.92	20.21	20.94	20.36	2.59	ppb
Strontium	88-1	20.34	20.54	20.51	20.47	0.52	ppb
Sulfur	34-1	36575.68	37162.01	36553.97	36763.89	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	226.82	ppb
Tin	118-1	1.13	1.01	1.23	1.12	9.67	ppb
Titanium	47-1	0.88	1.03	1.70	1.20	36.30	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	25.86	ppb
Vanadium	51-2	0.51	0.69	0.55	0.58	15.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.53	1.51	1.32	1.45	8.08	ppb
Zirconium	90-1	0.02	0.03	0.19	0.08	122.69	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:17:04	DataFile Name :	030SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	23.54	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:20:15	DataFile Name :	031SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.31	14.51	9.74	10.52	34.82	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	12.77	ppb
Arsenic	75-2	0.08	-0.08	0.05	0.02	524.88	ppb
Barium	135-1	47.44	47.09	60.56	51.70	14.85	ppb
Barium	137-1	47.68	47.84	59.64	51.72	13.26	ppb
Beryllium	9-1	0.00	0.09	0.05	0.05	88.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.23	2.24	2.41	2.29	4.41	ppb
Boron	11-1	2.00	2.64	2.27	2.30	13.95	ppb
Cadmium	111-1	0.06	0.13	0.02	0.07	79.44	ppb
Cadmium	106-1	-0.81	2.54	-6.52	-1.59		ppb
Cadmium	108-1	0.07	0.07	0.17	0.10	52.12	ppb
Calcium	43-1	34972.33	35138.75	43627.86	37912.98	13.06	ppb
Calcium	44-1	35211.82	35639.87	44122.02	38324.57	13.11	ppb
Chromium	52-2	-0.07	0.12	0.05	0.03	276.47	ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	45.56	ppb
Copper	63-2	7.61	8.19	8.05	7.95	3.85	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	38.17	42.85	39.34	40.12	6.07	ppb
Iron	57-2	47.26	42.43	38.73	42.81	9.99	ppb
Lead	206-1	38.76	38.58	50.52	42.62	16.05	ppb
Lead	207-1	32.32	32.40	41.56	35.43	15.00	ppb
Lead	208-1	35.18	35.06	45.43	38.56	15.44	ppb
Lithium	6-1						%
Magnesium	24-2	-4.86	-7.76	-9.90	-7.51		ppb
Manganese	55-2	0.51	0.62	0.65	0.59	12.84	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:20:15	DataFile Name :	031SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.03	0.09	0.06	46.40	ppb
Molybdenum	95-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.01	-0.03	0.01	0.00		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.50	-0.22	-0.44	-0.39		ppb
Phosphorus	31-2	-10.85	22.44	21.98	11.19	170.62	ppb
Potassium	39-2	-2.94	28.31	-26.03	-0.22		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	-1.20	-0.01	-0.41		ppb
Selenium	82-1	0.26	0.30	-0.24	0.11	283.67	ppb
Silicon	28-1	-29.46	-25.15	10.69	-14.64		ppb
Silver	109-1	0.01	0.02	0.01	0.01	55.16	ppb
Silver	107-1	0.02	0.02	0.02	0.02	21.25	ppb
Sodium	23-2	61.28	75.28	80.13	72.23	13.55	ppb
Strontium	86-1	37.21	37.91	47.04	40.72	13.46	ppb
Strontium	88-1	37.86	37.62	47.84	41.11	14.20	ppb
Sulfur	34-1	33145.66	32958.89	45968.81	37357.79	19.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.02	0.01	161.96	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	132.93	ppb
Tin	118-1	0.70	0.74	0.91	0.78	14.12	ppb
Titanium	47-1	0.71	2.31	0.88	1.30	67.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	34.97	ppb
Vanadium	51-2	0.07	0.16	0.07	0.10	52.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.58	6.65	6.34	6.19	8.90	ppb
Zirconium	90-1	0.32	0.03	0.04	0.13	130.08	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:20:15	DataFile Name :	031SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.05	0.02	114.55	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:23:26	DataFile Name :	032SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.39	37.60	42.74	36.24	20.06	ppb
Antimony	121-1	0.13	0.11	0.11	0.11	10.05	ppb
Arsenic	75-2	0.67	0.85	0.72	0.75	12.66	ppb
Barium	135-1	206.26	187.80	188.51	194.19	5.39	ppb
Barium	137-1	205.65	190.25	189.19	195.03	4.72	ppb
Beryllium	9-1	0.04	0.06	0.03	0.04	43.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.35	2.08	1.83	2.42	33.73	ppb
Boron	11-1	1.68	1.14	1.89	1.57	24.73	ppb
Cadmium	111-1	0.04	0.03	-0.01	0.02	128.34	ppb
Cadmium	106-1	-0.48	-1.25	-2.18	-1.31		ppb
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Calcium	43-1	34906.51	33387.02	33014.69	33769.41	2.97	ppb
Calcium	44-1	35692.47	33484.72	33645.33	34274.17	3.59	ppb
Chromium	52-2	0.17	0.17	0.04	0.13	56.81	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	30.59	ppb
Copper	63-2	5.16	5.11	5.66	5.31	5.72	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	222.96	227.10	231.92	227.33	1.97	ppb
Iron	57-2	231.71	238.03	230.48	233.41	1.74	ppb
Lead	206-1	130.78	120.37	120.71	123.95	4.77	ppb
Lead	207-1	120.17	111.82	111.49	114.49	4.30	ppb
Lead	208-1	125.52	116.60	116.44	119.52	4.35	ppb
Lithium	6-1						%
Magnesium	24-2	-4.08	-3.33	0.80	-2.20		ppb
Manganese	55-2	0.93	1.32	1.25	1.17	18.03	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:23:26	DataFile Name :	032SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.07	0.06	0.08	26.27	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	91.56	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	27.22	ppb
Molybdenum	97-1	0.00	0.03	0.00	0.01	227.98	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	29.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.15	-0.32	-0.30		ppb
Phosphorus	31-2	20.54	243.98	-10.85	84.56	164.34	ppb
Potassium	39-2	-14.46	-16.44	-4.94	-11.95		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.72	0.00	0.00	2.24	173.21	ppb
Selenium	78-2	-1.20	1.11	-1.20	-0.43		ppb
Selenium	82-1	-0.01	-0.06	-0.45	-0.18		ppb
Silicon	28-1	153.79	10.79	12.47	59.02	139.08	ppb
Silver	109-1	0.03	0.01	0.02	0.02	40.04	ppb
Silver	107-1	0.03	0.02	0.03	0.03	22.41	ppb
Sodium	23-2	59.11	69.55	71.44	66.70	9.95	ppb
Strontium	86-1	46.57	42.86	40.84	43.43	6.70	ppb
Strontium	88-1	45.76	43.03	42.51	43.76	3.99	ppb
Sulfur	34-1	34258.84	31228.08	30436.50	31974.47	6.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	97.08	ppb
Tin	118-1	1.90	1.85	1.74	1.83	4.28	ppb
Titanium	47-1	1.23	1.46	1.48	1.39	10.09	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.57	ppb
Vanadium	51-2	0.78	0.76	0.92	0.82	10.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.78	10.79	11.04	10.87	1.36	ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	4.75	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:23:26	DataFile Name :	032SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.03	0.04	27.71	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:26:37	DataFile Name :	033SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	728.20	687.13	615.57	676.96	8.42	ppb
Antimony	121-1	0.12	0.16	0.14	0.14	13.66	ppb
Arsenic	75-2	0.59	0.60	0.63	0.61	3.65	ppb
Barium	135-1	25.75	26.44	26.20	26.13	1.33	ppb
Barium	137-1	26.30	26.75	26.48	26.51	0.84	ppb
Beryllium	9-1	0.11	0.06	0.08	0.09	30.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.61	2.48	2.70	2.26	25.58	ppb
Boron	11-1	1.98	1.78	1.75	1.84	6.70	ppb
Cadmium	111-1	0.06	-0.04	0.05	0.03	220.01	ppb
Cadmium	106-1	-2.12	-7.38	-0.84	-3.45		ppb
Cadmium	108-1	0.07	-0.05	-0.01	0.00	4321.27	ppb
Calcium	43-1	12777.45	12895.67	12828.96	12834.02	0.46	ppb
Calcium	44-1	13122.54	13186.28	13176.74	13161.85	0.26	ppb
Chromium	52-2	1.79	1.65	1.45	1.63	10.76	ppb
Cobalt	59-2	0.42	0.50	0.41	0.44	11.15	ppb
Copper	63-2	14.15	14.66	14.25	14.35	1.90	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	954.96	974.78	943.22	957.65	1.67	ppb
Iron	57-2	929.81	969.25	909.59	936.22	3.24	ppb
Lead	206-1	39.69	40.55	39.54	39.92	1.37	ppb
Lead	207-1	34.39	35.57	34.94	34.96	1.69	ppb
Lead	208-1	36.87	37.76	37.01	37.21	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	126.08	155.78	132.05	137.97	11.39	ppb
Manganese	55-2	18.73	19.86	19.46	19.35	2.98	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:26:37	DataFile Name :	033SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.27	0.20	0.22	21.95	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	28.95	ppb
Molybdenum	96-1	0.06	0.33	0.08	0.16	95.10	ppb
Molybdenum	97-1	0.02	0.05	0.09	0.06	63.79	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	23.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.69	0.55	0.69	19.76	ppb
Phosphorus	31-2	54.57	219.32	119.37	131.09	63.32	ppb
Potassium	39-2	14.72	5.09	26.88	15.56	70.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.78	0.00	2.26	173.21	ppb
Selenium	78-2	2.28	1.12	1.16	1.52	43.20	ppb
Selenium	82-1	-0.04	0.65	0.24	0.28	123.81	ppb
Silicon	28-1	190.46	195.40	160.05	181.97	10.52	ppb
Silver	109-1	0.03	0.02	0.04	0.03	21.86	ppb
Silver	107-1	0.02	0.03	0.03	0.03	11.83	ppb
Sodium	23-2	69.49	73.19	81.21	74.63	8.03	ppb
Strontium	86-1	18.15	17.88	18.47	18.17	1.63	ppb
Strontium	88-1	18.37	18.54	18.20	18.37	0.92	ppb
Sulfur	34-1	10405.95	10493.27	10891.13	10596.78	2.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	236.30	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	46.65	ppb
Tin	118-1	0.54	0.56	0.53	0.54	2.64	ppb
Titanium	47-1	11.97	9.93	10.31	10.73	10.10	ppb
Uranium	238-1	0.62	0.66	0.64	0.64	2.92	ppb
Vanadium	51-2	4.30	4.58	4.09	4.32	5.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.13	17.93	18.43	18.50	3.25	ppb
Zirconium	90-1	0.15	0.15	0.14	0.15	6.00	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:26:37	DataFile Name :	033SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.13	0.18	0.15	14.64	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:29:47	DataFile Name :	034SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.37	14.59	5.38	12.11	48.72	ppb
Antimony	121-1	0.04	0.04	0.03	0.03	18.72	ppb
Arsenic	75-2	0.16	0.13	0.13	0.14	10.17	ppb
Barium	135-1	378.96	382.18	379.90	380.35	0.43	ppb
Barium	137-1	380.95	383.23	385.37	383.18	0.58	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.92	1.49	1.81	1.74	12.70	ppb
Boron	11-1	1.40	1.39	1.65	1.48	10.04	ppb
Cadmium	111-1	0.04	0.03	-0.01	0.02	107.16	ppb
Cadmium	106-1	1.63	0.35	-2.33	-0.12		ppb
Cadmium	108-1	-0.09	-0.09	0.07	-0.04		ppb
Calcium	43-1	36895.37	37738.46	37473.52	37369.11	1.15	ppb
Calcium	44-1	36947.39	38059.35	37934.97	37647.24	1.62	ppb
Chromium	52-2	0.05	0.18	0.13	0.12	53.88	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	969.04	ppb
Copper	63-2	9.01	9.36	9.32	9.23	2.05	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	58.53	59.93	60.56	59.67	1.74	ppb
Iron	57-2	62.95	63.85	69.07	65.29	5.06	ppb
Lead	206-1	67.07	68.21	66.87	67.38	1.07	ppb
Lead	207-1	56.03	56.91	55.33	56.09	1.42	ppb
Lead	208-1	60.63	61.36	60.26	60.75	0.92	ppb
Lithium	6-1						%
Magnesium	24-2	-1.35	-5.74	-11.19	-6.10		ppb
Manganese	55-2	2.32	2.35	2.52	2.40	4.59	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:29:47	DataFile Name :	034SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.12	0.07	0.10	26.65	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	28.14	ppb
Molybdenum	97-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	57.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.42	-0.37	-0.36		ppb
Phosphorus	31-2	54.54	22.56	-10.85	22.08	148.08	ppb
Potassium	39-2	-9.50	-22.65	-5.94	-12.70		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	-0.01	1.16	-0.02		ppb
Selenium	82-1	-0.07	0.08	0.76	0.26	170.74	ppb
Silicon	28-1	22.35	-8.03	10.65	8.32	184.12	ppb
Silver	109-1	0.01	0.03	0.03	0.02	44.11	ppb
Silver	107-1	0.02	0.01	0.01	0.01	27.40	ppb
Sodium	23-2	68.55	74.99	51.00	64.85	19.15	ppb
Strontium	86-1	32.58	33.25	32.82	32.88	1.03	ppb
Strontium	88-1	33.46	32.89	33.26	33.20	0.88	ppb
Sulfur	34-1	35348.34	36026.60	35226.62	35533.85	1.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	490.49	ppb
Tin	118-1	0.13	0.19	0.16	0.16	21.00	ppb
Titanium	47-1	0.65	0.97	1.29	0.97	32.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	1.29	ppb
Vanadium	51-2	0.59	0.68	0.71	0.66	9.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.44	3.81	4.63	4.29	9.98	ppb
Zirconium	90-1	0.02	0.04	0.08	0.05	76.74	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:29:47	DataFile Name :	034SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.08	0.03	105.91	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:32:58	DataFile Name :	035SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.05	16.89	21.63	19.19	12.37	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	25.42	ppb
Arsenic	75-2	0.34	0.29	0.05	0.23	68.30	ppb
Barium	135-1	372.13	379.36	370.08	373.86	1.30	ppb
Barium	137-1	374.85	380.15	373.85	376.28	0.90	ppb
Beryllium	9-1	-0.02	-0.04	0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.43	3.49	2.33	2.75	23.41	ppb
Boron	11-1	1.25	1.19	1.46	1.30	11.08	ppb
Cadmium	111-1	0.06	-0.06	0.01	0.00	1740.56	ppb
Cadmium	106-1	1.34	-5.63	-1.81	-2.03		ppb
Cadmium	108-1	0.03	0.15	-0.05	0.04	246.52	ppb
Calcium	43-1	35576.19	35932.94	35643.34	35717.49	0.53	ppb
Calcium	44-1	36050.65	36129.25	36314.07	36164.66	0.37	ppb
Chromium	52-2	0.05	0.04	0.04	0.04	20.42	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	27.87	ppb
Copper	63-2	8.94	9.02	9.04	9.00	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	56.39	58.48	63.33	59.40	5.99	ppb
Iron	57-2	71.61	62.63	56.74	63.66	11.76	ppb
Lead	206-1	66.04	64.80	64.78	65.20	1.11	ppb
Lead	207-1	54.77	54.19	53.68	54.21	1.00	ppb
Lead	208-1	59.54	58.81	58.49	58.95	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	-3.39	-0.34	-5.13	-2.96		ppb
Manganese	55-2	1.73	2.44	2.20	2.13	17.01	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:32:58	DataFile Name :	035SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.04	0.03	0.07	85.57	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.02	0.00	0.00	0.00	323.20	ppb
Molybdenum	97-1	-0.03	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.51	-0.32	-0.31	-0.38		ppb
Phosphorus	31-2	55.70	-10.85	-10.85	11.33	339.13	ppb
Potassium	39-2	-14.28	-8.11	-6.01	-9.47		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.15	1.14	1.14	1.15	0.67	ppb
Selenium	82-1	-0.14	0.95	-0.01	0.27	223.78	ppb
Silicon	28-1	-12.81	-8.50	-5.84	-9.05		ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.02	ppb
Silver	107-1	0.02	0.01	0.01	0.01	39.25	ppb
Sodium	23-2	59.46	53.69	57.91	57.02	5.24	ppb
Strontium	86-1	31.98	31.25	31.13	31.45	1.45	ppb
Strontium	88-1	31.83	31.86	31.71	31.80	0.25	ppb
Sulfur	34-1	33670.34	33556.45	34161.12	33795.97	0.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	79.35	ppb
Tin	118-1	0.13	0.17	0.20	0.16	21.42	ppb
Titanium	47-1	0.60	1.12	1.17	0.96	32.91	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.69	ppb
Vanadium	51-2	0.60	0.73	0.60	0.64	11.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.08	3.37	4.17	3.87	11.29	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	21.44	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:32:58	DataFile Name :	035SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	52.61	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LDLX50	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	50
Date & Time Acquired ::	2018-01-19 15:36:09	DataFile Name :	036SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.79	2.96	1.55	79.12	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.29	ppb
Arsenic	75-2	0.05	0.05	0.08	0.06	24.99	ppb
Barium	135-1	72.94	74.83	72.50	73.42	1.69	ppb
Barium	137-1	71.73	75.28	73.05	73.35	2.45	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	24.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.95	1.99	1.64	1.86	10.28	ppb
Boron	11-1	1.30	1.04	0.95	1.10	16.64	ppb
Cadmium	111-1	0.00	0.06	-0.04	0.01	634.48	ppb
Cadmium	106-1	0.06	3.55	-2.86	0.25	1292.08	ppb
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Calcium	43-1	7184.81	7216.92	7044.65	7148.79	1.28	ppb
Calcium	44-1	7194.65	7463.33	7303.36	7320.45	1.85	ppb
Chromium	52-2	-0.09	-0.07	-0.09	-0.08		ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	400.69	ppb
Copper	63-2	1.78	1.79	2.56	2.04	21.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.49	12.08	11.38	11.31	7.05	ppb
Iron	57-2	5.80	7.50	12.28	8.53	39.42	ppb
Lead	206-1	13.06	13.17	12.80	13.01	1.48	ppb
Lead	207-1	10.84	10.72	10.64	10.73	0.93	ppb
Lead	208-1	11.68	11.85	11.63	11.72	1.00	ppb
Lithium	6-1						%
Magnesium	24-2	-9.59	-1.57	-7.07	-6.08		ppb
Manganese	55-2	0.51	0.50	0.63	0.54	13.52	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LDLX50	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	50
Date & Time Acquired ::	2018-01-19 15:36:09	DataFile Name :	036SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.57	-0.60	-0.53		ppb
Phosphorus	31-2	22.72	-10.85	-10.85	0.34	5755.54	ppb
Potassium	39-2	-16.62	6.42	-14.12	-8.10		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	1.20	0.00	0.40	174.59	ppb
Selenium	82-1	0.31	0.24	-0.18	0.12	220.01	ppb
Silicon	28-1	-38.07	-35.05	-38.52	-37.21		ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.25	ppb
Silver	107-1	0.01	0.01	0.00	0.01	68.89	ppb
Sodium	23-2	35.99	38.54	26.24	33.59	19.32	ppb
Strontium	86-1	6.71	6.58	6.10	6.46	4.96	ppb
Strontium	88-1	6.29	6.45	6.26	6.33	1.62	ppb
Sulfur	34-1	5513.73	6349.34	5440.46	5767.84	8.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	61.68	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.29	ppb
Tin	118-1	0.00	0.46	0.01	0.16	164.48	ppb
Titanium	47-1	0.01	0.06	0.14	0.07	95.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	79.63	ppb
Vanadium	51-2	0.12	0.16	0.15	0.14	12.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.21	1.59	1.90	1.57	21.93	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	40.09	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LDLX50	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	50
Date & Time Acquired ::	2018-01-19 15:36:09	DataFile Name :	036SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.00	0.00	646.35	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:39:20	DataFile Name :	037SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.32	59.61	55.54	54.16	11.56	ppb
Antimony	121-1	1.97	1.95	1.97	1.96	0.67	ppb
Arsenic	75-2	1.51	1.15	0.93	1.20	24.34	ppb
Barium	135-1	436.75	440.53	442.28	439.85	0.64	ppb
Barium	137-1	441.00	447.92	446.37	445.09	0.82	ppb
Beryllium	9-1	0.96	0.91	0.97	0.95	3.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.32	0.88	0.68	0.96	34.13	ppb
Boron	11-1	0.95	1.35	0.64	0.98	36.21	ppb
Cadmium	111-1	0.87	1.04	1.10	1.00	12.09	ppb
Cadmium	106-1	-4.32	6.68	6.54	2.97	212.59	ppb
Cadmium	108-1	1.14	1.03	0.75	0.97	20.45	ppb
Calcium	43-1	37823.00	38247.76	38240.60	38103.79	0.64	ppb
Calcium	44-1	38037.47	38502.85	39023.63	38521.32	1.28	ppb
Chromium	52-2	4.02	4.62	4.27	4.30	6.98	ppb
Cobalt	59-2	10.21	10.19	10.52	10.30	1.82	ppb
Copper	63-2	14.30	14.73	15.26	14.77	3.27	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	79.65	81.29	84.70	81.88	3.15	ppb
Iron	57-2	84.33	84.71	83.00	84.01	1.06	ppb
Lead	206-1	71.47	70.62	70.10	70.73	0.97	ppb
Lead	207-1	58.67	58.65	58.17	58.50	0.49	ppb
Lead	208-1	64.38	63.87	63.38	63.88	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	-5.79	6.16	5.52	1.97	342.01	ppb
Manganese	55-2	11.64	11.97	12.26	11.95	2.60	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:39:20	DataFile Name :	037SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.03	0.06	0.05	33.34	ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	100.74	ppb
Molybdenum	97-1	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	300.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.94	9.53	10.05	9.51	5.89	ppb
Phosphorus	31-2	-10.85	55.27	23.72	22.71	145.63	ppb
Potassium	39-2	-28.29	-19.79	4.31	-14.59		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	2.31	5.08	2.46	103.81	ppb
Selenium	82-1	2.89	2.16	1.59	2.21	29.54	ppb
Silicon	28-1	-13.88	-6.21	48.05	9.32	362.17	ppb
Silver	109-1	0.96	1.00	0.90	0.95	5.04	ppb
Silver	107-1	0.98	0.97	0.89	0.95	5.27	ppb
Sodium	23-2	44.95	43.05	59.68	49.23	18.49	ppb
Strontium	86-1	33.91	33.63	32.95	33.50	1.47	ppb
Strontium	88-1	33.80	33.86	33.74	33.80	0.18	ppb
Sulfur	34-1	35846.95	35811.64	36825.71	36161.43	1.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	0.89	0.99	0.95	5.31	ppb
Thallium	205-1	0.96	0.98	0.98	0.97	1.07	ppb
Tin	118-1	0.18	0.20	0.18	0.19	5.98	ppb
Titanium	47-1	0.95	0.84	0.83	0.87	7.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.24	ppb
Vanadium	51-2	10.45	10.56	11.36	10.79	4.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.57	14.44	14.92	14.31	4.79	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	14.94	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:39:20	DataFile Name :	037SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.04	0.01	178.39	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:55:39	DataFile Name :	039CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47601.81	48003.86	45978.22	47194.63	2.27	ppb
Antimony	121-1	486.28	487.95	484.04	486.09	0.40	ppb
Arsenic	75-2	491.16	482.70	489.24	487.70	0.91	ppb
Barium	135-1	2472.77	2472.95	2436.17	2460.63	0.86	ppb
Barium	137-1	2444.35	2438.50	2447.06	2443.30	0.18	ppb
Beryllium	9-1	529.09	525.79	517.57	524.15	1.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	497.93	518.93	516.14	511.00	2.23	ppb
Boron	11-1	498.45	504.92	508.66	504.01	1.03	ppb
Cadmium	111-1	475.79	473.28	470.80	473.29	0.53	ppb
Cadmium	106-1	2256.93	2256.49	2287.66	2267.03	0.79	ppb
Cadmium	108-1	472.90	478.49	472.83	474.74	0.68	ppb
Calcium	43-1	232815.29	236234.17	234713.44	234587.63	0.73	ppb
Calcium	44-1	232052.70	232486.80	234753.06	233097.52	0.62	ppb
Chromium	52-2	499.63	502.57	492.06	498.09	1.09	ppb
Cobalt	59-2	483.11	480.96	473.71	479.26	1.03	ppb
Copper	63-2	933.45	935.42	912.63	927.17	1.36	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120879.76	119063.27	116497.59	118813.54	1.85	ppb
Iron	57-2	116283.10	116602.94	113726.58	115537.54	1.36	ppb
Lead	206-1	491.70	497.66	499.40	496.25	0.81	ppb
Lead	207-1	489.38	495.12	499.28	494.59	1.00	ppb
Lead	208-1	491.61	499.10	500.26	496.99	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	239668.29	239493.70	235027.30	238063.10	1.10	ppb
Manganese	55-2	977.02	983.97	972.81	977.93	0.58	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:55:39	DataFile Name :	039CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2473.31	2420.15	2442.80	2445.42	1.09	ppb
Molybdenum	95-1	2457.54	2421.85	2429.63	2436.34	0.77	ppb
Molybdenum	96-1	2468.07	2440.71	2425.36	2444.71	0.88	ppb
Molybdenum	97-1	2494.51	2408.91	2436.49	2446.64	1.79	ppb
Molybdenum	98-1	2475.53	2420.15	2424.03	2439.90	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.41	482.94	470.31	479.55	1.69	ppb
Phosphorus	31-2	9758.20	9988.19	8590.43	9445.61	7.93	ppb
Potassium	39-2	121765.60	120943.01	117404.27	120037.63	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	419.27	414.38	480.14	437.93	8.37	ppb
Selenium	78-2	452.89	485.36	449.55	462.60	4.28	ppb
Selenium	82-1	482.20	476.31	475.50	478.01	0.76	ppb
Silicon	28-1	510.28	518.09	531.45	519.94	2.06	ppb
Silver	109-1	489.43	487.42	481.37	486.07	0.86	ppb
Silver	107-1	487.49	478.27	478.93	481.56	1.07	ppb
Sodium	23-2	244897.37	243575.57	238505.16	242326.04	1.39	ppb
Strontium	86-1	497.24	483.73	491.57	490.85	1.38	ppb
Strontium	88-1	504.17	496.44	494.86	498.49	1.00	ppb
Sulfur	34-1	7367.60	7930.55	8018.16	7772.11	4.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.84	497.32	502.21	499.12	0.54	ppb
Thallium	205-1	490.10	498.93	499.03	496.02	1.03	ppb
Tin	118-1	491.97	493.90	483.04	489.64	1.18	ppb
Titanium	47-1	2447.88	2424.46	2453.20	2441.85	0.63	ppb
Uranium	238-1	488.67	496.65	493.00	492.78	0.81	ppb
Vanadium	51-2	499.78	500.65	489.72	496.72	1.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	945.46	952.64	928.17	942.09	1.34	ppb
Zirconium	90-1	494.90	488.48	492.01	491.80	0.65	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:55:39	DataFile Name :	039CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.67	474.74	479.36	478.92	0.83	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:59:27	DataFile Name :	040CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-6.00	-1.16	3.39	-1.26		ppb
Antimony	121-1	0.21	0.21	0.21	0.21	2.17	ppb
Arsenic	75-2	0.03	-0.03	-0.03	-0.01		ppb
Barium	135-1	0.05	0.01	0.01	0.02	116.28	ppb
Barium	137-1	0.01	0.03	0.01	0.02	59.95	ppb
Beryllium	9-1	0.26	0.25	0.16	0.22	24.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.19	12.18	13.31	12.89	4.83	ppb
Boron	11-1	11.47	11.72	11.04	11.41	3.00	ppb
Cadmium	111-1	-0.09	0.03	-0.05	-0.04		ppb
Cadmium	106-1	-7.39	0.56	-4.64	-3.82		ppb
Cadmium	108-1	-0.05	-0.09	0.12	-0.01		ppb
Calcium	43-1	-20.06	-22.94	-14.26	-19.09		ppb
Calcium	44-1	-22.95	-21.64	-22.48	-22.36		ppb
Chromium	52-2	-0.10	-0.09	-0.04	-0.08		ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	59.92	ppb
Copper	63-2	0.04	0.02	0.12	0.06	85.98	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.72	3.35	3.79	3.62	6.57	ppb
Iron	57-2	0.18	2.36	-0.40	0.72	203.05	ppb
Lead	206-1	0.10	0.12	0.08	0.10	17.94	ppb
Lead	207-1	0.10	0.11	0.10	0.11	4.86	ppb
Lead	208-1	0.11	0.11	0.10	0.11	5.61	ppb
Lithium	6-1						%
Magnesium	24-2	-8.49	-4.19	-8.28	-6.99		ppb
Manganese	55-2	0.01	0.09	0.18	0.10	88.57	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:59:27	DataFile Name :	040CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.09	0.09	0.10	13.65	ppb
Molybdenum	95-1	0.09	0.09	0.05	0.08	24.63	ppb
Molybdenum	96-1	0.09	0.07	0.10	0.09	13.20	ppb
Molybdenum	97-1	0.10	0.05	0.06	0.07	38.85	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.51	-0.46	-0.60	-0.52		ppb
Phosphorus	31-2	22.97	-10.85	23.43	11.85	165.93	ppb
Potassium	39-2	-3.03	-0.72	6.86	1.04	498.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	1.27	0.03	0.03	3913.17	ppb
Selenium	82-1	-0.91	-0.07	-0.72	-0.57		ppb
Silicon	28-1	-36.62	-42.19	-40.46	-39.76		ppb
Silver	109-1	0.02	0.01	0.01	0.01	14.00	ppb
Silver	107-1	0.01	0.02	0.01	0.01	13.91	ppb
Sodium	23-2	49.40	65.34	58.98	57.91	13.85	ppb
Strontium	86-1	0.00	0.06	0.05	0.04	94.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	100.78	ppb
Sulfur	34-1	-2788.39	-2677.60	-2656.11	-2707.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.10	0.10	0.10	0.81	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.66	ppb
Tin	118-1	0.03	0.03	0.02	0.03	29.05	ppb
Titanium	47-1	0.02	-0.03	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.20	0.11	0.10	100.52	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	5.34	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:59:27	DataFile Name :	040CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	59.99	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-8	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:03:53	DataFile Name :	041SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.37	-1.30	6.09	5.72	119.63	ppb
Antimony	121-1	0.69	0.71	0.66	0.69	3.86	ppb
Arsenic	75-2	0.36	0.75	0.42	0.51	41.53	ppb
Barium	135-1	3.21	2.95	2.93	3.03	5.23	ppb
Barium	137-1	2.83	3.06	3.14	3.01	5.26	ppb
Beryllium	9-1	0.74	0.82	0.73	0.77	6.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.89	5.25	4.88	5.01	4.22	ppb
Boron	11-1	5.05	4.74	4.50	4.76	5.86	ppb
Cadmium	111-1	0.52	0.58	0.58	0.56	5.95	ppb
Cadmium	106-1	-1.27	0.34	2.12	0.40	424.24	ppb
Cadmium	108-1	0.74	0.83	0.71	0.76	8.42	ppb
Calcium	43-1	38.44	59.81	38.90	45.72	26.70	ppb
Calcium	44-1	35.87	34.45	32.57	34.30	4.82	ppb
Chromium	52-2	0.76	0.52	0.57	0.62	20.47	ppb
Cobalt	59-2	0.71	0.57	0.60	0.63	11.50	ppb
Copper	63-2	1.54	1.37	1.31	1.41	8.58	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36.19	32.15	32.89	33.74	6.37	ppb
Iron	57-2	29.44	27.84	25.46	27.58	7.24	ppb
Lead	206-1	0.65	0.68	0.67	0.67	1.95	ppb
Lead	207-1	0.67	0.67	0.62	0.66	4.49	ppb
Lead	208-1	0.67	0.68	0.65	0.67	2.41	ppb
Lithium	6-1						%
Magnesium	24-2	55.90	50.08	51.17	52.38	5.90	ppb
Manganese	55-2	1.02	1.26	1.43	1.24	16.50	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-8	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:03:53	DataFile Name :	041SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.01	2.99	3.20	3.07	3.82	ppb
Molybdenum	95-1	2.98	2.97	2.95	2.97	0.50	ppb
Molybdenum	96-1	2.98	2.97	2.99	2.98	0.37	ppb
Molybdenum	97-1	3.26	2.99	2.93	3.06	5.76	ppb
Molybdenum	98-1	3.06	2.94	2.94	2.98	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.12	0.17	0.22	58.07	ppb
Phosphorus	31-2	-10.85	-10.85	-10.85	-10.85		ppb
Potassium	39-2	84.05	4.48	16.27	34.93	122.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	-1.20	0.03	-0.35		ppb
Selenium	82-1	0.32	0.99	1.09	0.80	52.74	ppb
Silicon	28-1	-41.21	-42.47	-40.98	-41.55		ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.85	ppb
Silver	107-1	0.10	0.08	0.08	0.08	13.88	ppb
Sodium	23-2	148.68	112.68	118.84	126.74	15.19	ppb
Strontium	86-1	0.55	0.65	0.69	0.63	11.99	ppb
Strontium	88-1	0.63	0.60	0.60	0.61	2.87	ppb
Sulfur	34-1	-2703.51	-2498.33	-2865.66	-2689.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.64	0.62	0.60	0.62	3.91	ppb
Thallium	205-1	0.62	0.59	0.63	0.62	3.30	ppb
Tin	118-1	0.61	0.60	0.54	0.58	5.93	ppb
Titanium	47-1	3.13	3.14	2.79	3.02	6.57	ppb
Uranium	238-1	0.55	0.55	0.57	0.56	1.93	ppb
Vanadium	51-2	0.59	0.49	0.62	0.57	12.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.66	0.68	1.36	1.23	40.88	ppb
Zirconium	90-1	0.62	0.57	0.64	0.61	6.36	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-8	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:03:53	DataFile Name :	041SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.61	0.59	0.52	0.57	7.81	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-9	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:10:16	DataFile Name :	043SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.84	3.51	6.30	7.55	63.45	ppb
Antimony	121-1	0.65	0.60	0.62	0.62	3.81	ppb
Arsenic	75-2	0.55	0.56	0.23	0.45	41.73	ppb
Barium	135-1	3.08	2.79	3.18	3.02	6.78	ppb
Barium	137-1	3.07	2.94	3.11	3.04	3.00	ppb
Beryllium	9-1	0.79	0.78	0.83	0.80	3.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.35	5.32	5.13	4.93	10.41	ppb
Boron	11-1	4.16	3.97	4.45	4.19	5.71	ppb
Cadmium	111-1	0.48	0.69	0.59	0.59	18.62	ppb
Cadmium	106-1	-0.77	4.31	4.17	2.57	112.67	ppb
Cadmium	108-1	0.65	0.45	0.67	0.59	20.90	ppb
Calcium	43-1	59.19	35.56	30.65	41.80	36.51	ppb
Calcium	44-1	40.33	32.53	38.56	37.14	11.00	ppb
Chromium	52-2	0.53	0.53	0.61	0.55	7.89	ppb
Cobalt	59-2	0.55	0.56	0.70	0.60	13.98	ppb
Copper	63-2	1.22	1.28	1.30	1.27	3.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	32.26	32.08	31.57	31.97	1.12	ppb
Iron	57-2	27.26	29.49	23.97	26.91	10.32	ppb
Lead	206-1	0.71	0.67	0.67	0.68	3.21	ppb
Lead	207-1	0.68	0.69	0.67	0.68	1.23	ppb
Lead	208-1	0.65	0.66	0.67	0.66	1.02	ppb
Lithium	6-1						%
Magnesium	24-2	46.69	45.81	47.23	46.58	1.53	ppb
Manganese	55-2	1.24	1.11	1.28	1.21	7.36	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-9	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:10:16	DataFile Name :	043SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.79	3.11	2.86	2.92	5.80	ppb
Molybdenum	95-1	2.87	2.77	2.96	2.87	3.41	ppb
Molybdenum	96-1	2.89	2.95	2.98	2.94	1.61	ppb
Molybdenum	97-1	3.05	2.84	2.95	2.95	3.63	ppb
Molybdenum	98-1	3.04	3.05	2.96	3.02	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.19	0.13	0.13	53.39	ppb
Phosphorus	31-2	57.97	23.85	-10.85	23.66	145.47	ppb
Potassium	39-2	12.79	14.01	33.19	20.00	57.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.95	1.29	2.62	2.95	62.79	ppb
Selenium	82-1	0.47	0.61	0.73	0.60	21.16	ppb
Silicon	28-1	-24.20	-37.01	-25.89	-29.04		ppb
Silver	109-1	0.09	0.10	0.10	0.10	2.07	ppb
Silver	107-1	0.08	0.08	0.07	0.08	2.59	ppb
Sodium	23-2	87.05	104.01	125.39	105.48	18.21	ppb
Strontium	86-1	0.69	0.60	0.50	0.60	15.72	ppb
Strontium	88-1	0.59	0.61	0.61	0.60	1.72	ppb
Sulfur	34-1	-234.88	-1859.65	-981.93	-1025.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.61	0.56	0.58	0.58	4.24	ppb
Thallium	205-1	0.67	0.62	0.65	0.65	4.32	ppb
Tin	118-1	0.61	0.55	0.60	0.59	5.58	ppb
Titanium	47-1	3.32	3.21	3.12	3.22	3.20	ppb
Uranium	238-1	0.55	0.57	0.54	0.56	2.99	ppb
Vanadium	51-2	0.58	0.67	0.56	0.60	9.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.09	1.45	1.35	1.30	14.10	ppb
Zirconium	90-1	0.59	0.56	0.58	0.58	2.95	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-9	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:10:16	DataFile Name :	043SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.55	0.51	0.66	0.57	13.22	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-10	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:16:39	DataFile Name :	045SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.71	6.10	24.84	12.55	84.81	ppb
Antimony	121-1	0.74	0.71	0.73	0.73	2.12	ppb
Arsenic	75-2	0.90	0.73	0.95	0.86	13.24	ppb
Barium	135-1	3.52	3.57	3.49	3.53	1.16	ppb
Barium	137-1	3.36	3.44	3.17	3.32	4.22	ppb
Beryllium	9-1	0.79	0.83	0.84	0.82	2.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.05	3.69	3.15	3.63	12.42	ppb
Boron	11-1	2.71	2.53	2.56	2.60	3.84	ppb
Cadmium	111-1	0.65	0.75	0.65	0.68	8.09	ppb
Cadmium	106-1	-4.97	-0.31	-2.66	-2.65		ppb
Cadmium	108-1	0.67	0.72	0.87	0.75	14.28	ppb
Calcium	43-1	61.58	69.78	61.16	64.18	7.57	ppb
Calcium	44-1	51.16	50.53	50.04	50.58	1.11	ppb
Chromium	52-2	0.62	0.64	0.62	0.63	1.45	ppb
Cobalt	59-2	0.87	0.89	0.71	0.83	11.93	ppb
Copper	63-2	1.56	1.73	1.71	1.67	5.58	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.69	42.86	39.24	41.93	5.64	ppb
Iron	57-2	44.36	30.12	39.15	37.88	19.02	ppb
Lead	206-1	0.80	0.67	0.77	0.75	9.23	ppb
Lead	207-1	0.72	0.77	0.72	0.74	3.50	ppb
Lead	208-1	0.77	0.75	0.74	0.75	2.12	ppb
Lithium	6-1						%
Magnesium	24-2	80.64	65.24	79.20	75.03	11.33	ppb
Manganese	55-2	1.69	1.70	1.49	1.63	7.09	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-10	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:16:39	DataFile Name :	045SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.37	3.27	3.44	3.36	2.56	ppb
Molybdenum	95-1	3.22	3.25	3.37	3.28	2.33	ppb
Molybdenum	96-1	3.36	3.47	3.33	3.39	2.22	ppb
Molybdenum	97-1	3.48	3.35	3.45	3.43	2.03	ppb
Molybdenum	98-1	3.48	3.34	3.37	3.40	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.59	0.58	0.61	6.42	ppb
Phosphorus	31-2	-10.85	24.50	58.48	24.04	144.20	ppb
Potassium	39-2	38.77	38.13	15.38	30.76	43.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	0.01	0.01	-0.39		ppb
Selenium	82-1	0.82	0.85	0.93	0.87	6.59	ppb
Silicon	28-1	-41.32	-40.90	-44.54	-42.25		ppb
Silver	109-1	0.14	0.12	0.15	0.13	10.52	ppb
Silver	107-1	0.13	0.10	0.14	0.12	13.85	ppb
Sodium	23-2	146.35	132.54	119.04	132.65	10.30	ppb
Strontium	86-1	0.75	0.65	0.79	0.73	9.86	ppb
Strontium	88-1	0.74	0.76	0.76	0.75	1.38	ppb
Sulfur	34-1	-2220.04	-2011.79	-2286.67	-2172.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.72	0.78	0.71	0.74	4.71	ppb
Thallium	205-1	0.75	0.77	0.76	0.76	1.17	ppb
Tin	118-1	0.68	0.72	0.80	0.74	8.34	ppb
Titanium	47-1	3.15	3.06	3.16	3.12	1.93	ppb
Uranium	238-1	0.65	0.65	0.67	0.66	1.68	ppb
Vanadium	51-2	0.95	0.74	0.79	0.83	12.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.62	1.75	1.86	2.08	22.79	ppb
Zirconium	90-1	0.69	0.67	0.62	0.66	4.97	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-10	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:16:39	DataFile Name :	045SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.60	0.74	0.68	9.88	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-11	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:24:04	DataFile Name :	047SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.13	1.25	10.53	6.97	71.74	ppb
Antimony	121-1	0.67	0.57	0.58	0.61	9.45	ppb
Arsenic	75-2	0.81	0.59	0.57	0.66	20.19	ppb
Barium	135-1	2.85	2.92	3.03	2.93	3.06	ppb
Barium	137-1	2.96	3.01	2.87	2.95	2.49	ppb
Beryllium	9-1	0.71	0.60	0.72	0.68	10.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.95	2.66	2.35	2.65	11.35	ppb
Boron	11-1	1.77	2.30	2.63	2.23	19.47	ppb
Cadmium	111-1	0.49	0.49	0.49	0.49	0.66	ppb
Cadmium	106-1	-3.90	-3.41	-2.37	-3.22		ppb
Cadmium	108-1	0.52	0.48	0.48	0.49	5.04	ppb
Calcium	43-1	22.41	44.30	63.05	43.25	47.02	ppb
Calcium	44-1	36.04	26.47	32.92	31.81	15.35	ppb
Chromium	52-2	0.49	0.54	0.62	0.55	12.38	ppb
Cobalt	59-2	0.69	0.67	0.56	0.64	11.37	ppb
Copper	63-2	1.34	1.36	1.24	1.31	4.96	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34.73	31.65	30.54	32.31	6.73	ppb
Iron	57-2	32.25	36.70	36.38	35.11	7.07	ppb
Lead	206-1	0.66	0.62	0.63	0.64	4.00	ppb
Lead	207-1	0.58	0.63	0.60	0.60	4.03	ppb
Lead	208-1	0.63	0.62	0.61	0.62	1.18	ppb
Lithium	6-1						%
Magnesium	24-2	66.27	60.51	45.90	57.56	18.25	ppb
Manganese	55-2	1.23	1.45	1.51	1.40	10.41	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-11	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:24:04	DataFile Name :	047SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.86	2.88	3.07	2.94	3.97	ppb
Molybdenum	95-1	2.96	2.89	2.80	2.88	2.68	ppb
Molybdenum	96-1	2.91	2.88	3.04	2.95	2.88	ppb
Molybdenum	97-1	3.12	3.01	3.25	3.13	3.87	ppb
Molybdenum	98-1	2.94	2.83	2.90	2.89	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.51	-0.12	0.17	185.38	ppb
Phosphorus	31-2	-10.85	24.47	23.64	12.42	162.33	ppb
Potassium	39-2	21.63	23.52	13.49	19.55	27.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.20	2.56	-1.20	0.05	4161.62	ppb
Selenium	82-1	1.18	0.59	0.33	0.70	62.29	ppb
Silicon	28-1	-38.74	-42.97	-41.37	-41.03		ppb
Silver	109-1	0.09	0.09	0.07	0.08	15.49	ppb
Silver	107-1	0.09	0.08	0.07	0.08	11.16	ppb
Sodium	23-2	111.25	87.91	88.10	95.75	14.01	ppb
Strontium	86-1	0.63	0.65	0.65	0.64	2.16	ppb
Strontium	88-1	0.61	0.59	0.61	0.60	1.57	ppb
Sulfur	34-1	-1962.70	-2031.16	-1884.71	-1959.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.60	0.59	0.60	0.60	1.21	ppb
Thallium	205-1	0.59	0.60	0.59	0.59	0.71	ppb
Tin	118-1	0.61	0.53	0.53	0.55	7.99	ppb
Titanium	47-1	2.76	2.85	3.12	2.91	6.37	ppb
Uranium	238-1	0.55	0.58	0.57	0.57	3.05	ppb
Vanadium	51-2	0.62	0.69	0.54	0.61	12.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.67	1.63	1.48	1.59	6.39	ppb
Zirconium	90-1	0.62	0.56	0.64	0.61	6.36	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-11	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:24:04	DataFile Name :	047SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.58	0.54	0.56	0.56	3.06	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-12	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:27:15	DataFile Name :	048SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.65	8.46	5.85	10.66	58.17	ppb
Antimony	121-1	0.63	0.60	0.61	0.62	2.17	ppb
Arsenic	75-2	0.84	0.55	0.58	0.66	24.73	ppb
Barium	135-1	3.28	2.72	3.13	3.04	9.50	ppb
Barium	137-1	2.87	2.90	2.99	2.92	2.20	ppb
Beryllium	9-1	0.50	0.56	0.57	0.54	6.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.24	2.91	3.09	2.75	16.31	ppb
Boron	11-1	1.89	2.12	2.13	2.04	6.76	ppb
Cadmium	111-1	0.56	0.61	0.63	0.60	5.91	ppb
Cadmium	106-1	-1.53	-3.05	0.66	-1.31		ppb
Cadmium	108-1	0.52	0.52	0.40	0.48	14.31	ppb
Calcium	43-1	38.67	51.16	32.05	40.62	23.89	ppb
Calcium	44-1	31.30	33.20	34.31	32.94	4.62	ppb
Chromium	52-2	0.43	0.57	0.49	0.50	14.75	ppb
Cobalt	59-2	0.62	0.67	0.66	0.65	3.87	ppb
Copper	63-2	1.27	1.41	1.28	1.32	5.80	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	31.45	32.44	31.19	31.69	2.09	ppb
Iron	57-2	29.99	39.86	26.83	32.23	21.10	ppb
Lead	206-1	0.64	0.62	0.60	0.62	2.46	ppb
Lead	207-1	0.61	0.65	0.63	0.63	3.24	ppb
Lead	208-1	0.62	0.60	0.63	0.62	2.08	ppb
Lithium	6-1						%
Magnesium	24-2	45.50	62.83	55.29	54.54	15.93	ppb
Manganese	55-2	1.44	1.35	0.79	1.19	29.48	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-12	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:27:15	DataFile Name :	048SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.76	2.74	2.93	2.81	3.76	ppb
Molybdenum	95-1	2.95	2.85	2.85	2.88	2.12	ppb
Molybdenum	96-1	2.92	2.99	2.80	2.90	3.36	ppb
Molybdenum	97-1	2.97	2.87	2.86	2.90	2.04	ppb
Molybdenum	98-1	2.89	2.93	2.92	2.91	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	0.27	0.33	0.15	181.80	ppb
Phosphorus	31-2	-10.85	-10.85	-10.85	-10.85		ppb
Potassium	39-2	41.10	31.74	2.89	25.24	78.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.44	-1.20	0.02	0.42	440.76	ppb
Selenium	82-1	0.99	-0.91	0.54	0.21	473.59	ppb
Silicon	28-1	-40.75	-39.97	-39.28	-40.00		ppb
Silver	109-1	0.08	0.08	0.08	0.08	4.27	ppb
Silver	107-1	0.08	0.08	0.08	0.08	4.61	ppb
Sodium	23-2	98.92	77.81	82.69	86.47	12.78	ppb
Strontium	86-1	0.58	0.70	0.62	0.63	9.60	ppb
Strontium	88-1	0.61	0.63	0.59	0.61	2.66	ppb
Sulfur	34-1	-1930.79	-1980.79	-1853.87	-1921.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.59	0.63	0.54	0.59	7.24	ppb
Thallium	205-1	0.60	0.59	0.58	0.59	1.56	ppb
Tin	118-1	0.60	0.53	0.56	0.56	5.90	ppb
Titanium	47-1	2.81	3.08	3.04	2.98	4.85	ppb
Uranium	238-1	0.55	0.59	0.56	0.57	3.77	ppb
Vanadium	51-2	0.54	0.59	0.71	0.61	14.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.06	0.93	1.22	1.07	13.40	ppb
Zirconium	90-1	0.56	0.61	0.60	0.59	4.08	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-12	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:27:15	DataFile Name :	048SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.63	0.64	0.60	9.15	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-13	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:33:50	DataFile Name :	050SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.83	8.17	13.57	10.52	26.30	ppb
Antimony	121-1	0.66	0.70	0.68	0.68	2.64	ppb
Arsenic	75-2	0.54	0.50	0.55	0.53	5.19	ppb
Barium	135-1	3.05	2.96	2.99	3.00	1.59	ppb
Barium	137-1	3.10	2.93	3.08	3.04	3.20	ppb
Beryllium	9-1	0.78	0.58	0.57	0.64	18.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.82	2.89	1.18	1.96	44.08	ppb
Boron	11-1	1.46	1.87	1.80	1.71	12.88	ppb
Cadmium	111-1	0.74	0.59	0.64	0.66	11.78	ppb
Cadmium	106-1	2.06	-2.66	-0.09	-0.23		ppb
Cadmium	108-1	0.85	0.72	0.77	0.78	8.58	ppb
Calcium	43-1	61.76	55.63	42.48	53.29	18.49	ppb
Calcium	44-1	39.25	39.64	38.36	39.08	1.67	ppb
Chromium	52-2	0.76	0.57	0.36	0.56	35.93	ppb
Cobalt	59-2	0.74	0.70	0.70	0.72	3.21	ppb
Copper	63-2	1.73	1.35	1.41	1.50	13.69	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	40.00	35.45	36.91	37.45	6.20	ppb
Iron	57-2	37.54	33.80	32.50	34.61	7.56	ppb
Lead	206-1	0.67	0.62	0.62	0.64	4.82	ppb
Lead	207-1	0.69	0.65	0.64	0.66	4.35	ppb
Lead	208-1	0.68	0.65	0.64	0.65	3.16	ppb
Lithium	6-1						%
Magnesium	24-2	64.79	54.49	79.82	66.37	19.19	ppb
Manganese	55-2	1.46	1.63	1.70	1.60	7.68	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-13	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:33:50	DataFile Name :	050SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.32	3.15	3.13	3.20	3.38	ppb
Molybdenum	95-1	3.00	3.10	2.99	3.03	2.01	ppb
Molybdenum	96-1	3.02	2.94	2.90	2.96	1.99	ppb
Molybdenum	97-1	3.21	3.19	3.12	3.18	1.45	ppb
Molybdenum	98-1	3.08	3.08	3.07	3.07	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.41	0.45	0.60	49.14	ppb
Phosphorus	31-2	27.68	-10.85	60.66	25.83	138.58	ppb
Potassium	39-2	46.41	64.43	17.23	42.69	55.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	14.29	4.76	173.21	ppb
Selenium	78-2	1.45	0.03	3.69	1.73	106.95	ppb
Selenium	82-1	-0.45	1.03	0.84	0.47	170.98	ppb
Silicon	28-1	-40.64	-43.00	-38.93	-40.86		ppb
Silver	109-1	0.09	0.09	0.11	0.10	12.39	ppb
Silver	107-1	0.08	0.09	0.10	0.09	6.95	ppb
Sodium	23-2	136.40	103.13	107.37	115.63	15.66	ppb
Strontium	86-1	0.69	0.52	0.69	0.63	15.08	ppb
Strontium	88-1	0.67	0.67	0.68	0.67	0.56	ppb
Sulfur	34-1	-2013.39	-1940.28	-1859.56	-1937.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.62	0.61	0.65	0.63	3.53	ppb
Thallium	205-1	0.64	0.65	0.67	0.65	2.33	ppb
Tin	118-1	0.62	0.64	0.63	0.63	1.79	ppb
Titanium	47-1	3.13	2.68	3.26	3.02	9.97	ppb
Uranium	238-1	0.62	0.58	0.60	0.60	3.35	ppb
Vanadium	51-2	0.84	0.65	0.65	0.72	15.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.96	1.48	1.49	1.64	16.77	ppb
Zirconium	90-1	0.61	0.57	0.65	0.61	6.62	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-13	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:33:50	DataFile Name :	050SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.66	0.50	0.59	0.58	13.26	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-14	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:37:01	DataFile Name :	051SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.87	11.02	5.90	5.35	111.52	ppb
Antimony	121-1	0.57	0.61	0.63	0.60	4.82	ppb
Arsenic	75-2	0.46	0.47	0.59	0.51	13.77	ppb
Barium	135-1	2.72	3.13	3.03	2.96	7.27	ppb
Barium	137-1	2.82	2.98	3.01	2.94	3.46	ppb
Beryllium	9-1	0.63	0.55	0.51	0.57	10.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.84	1.97	1.65	1.82	8.88	ppb
Boron	11-1	1.48	1.82	1.25	1.52	18.81	ppb
Cadmium	111-1	0.56	0.52	0.51	0.53	4.38	ppb
Cadmium	106-1	-1.57	-2.47	-1.14	-1.73		ppb
Cadmium	108-1	0.56	0.62	0.57	0.58	5.25	ppb
Calcium	43-1	33.91	34.25	24.51	30.89	17.91	ppb
Calcium	44-1	31.36	32.25	31.48	31.69	1.52	ppb
Chromium	52-2	0.34	0.48	0.45	0.42	17.86	ppb
Cobalt	59-2	0.70	0.57	0.53	0.60	15.17	ppb
Copper	63-2	1.28	1.27	1.35	1.30	3.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	32.87	30.34	28.85	30.68	6.64	ppb
Iron	57-2	35.66	30.28	27.60	31.18	13.17	ppb
Lead	206-1	0.61	0.56	0.58	0.58	4.28	ppb
Lead	207-1	0.58	0.55	0.62	0.58	5.45	ppb
Lead	208-1	0.57	0.58	0.59	0.58	1.87	ppb
Lithium	6-1						%
Magnesium	24-2	62.84	63.56	67.31	64.57	3.72	ppb
Manganese	55-2	1.31	1.19	1.35	1.28	6.75	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-14	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:37:01	DataFile Name :	051SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.14	2.95	2.61	2.90	9.24	ppb
Molybdenum	95-1	2.80	2.99	2.90	2.90	3.16	ppb
Molybdenum	96-1	2.91	2.90	3.01	2.94	2.06	ppb
Molybdenum	97-1	2.72	2.75	3.01	2.83	5.70	ppb
Molybdenum	98-1	2.87	2.94	2.91	2.91	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.32	0.07	0.16	83.21	ppb
Phosphorus	31-2	26.59	95.72	-10.85	37.15	145.52	ppb
Potassium	39-2	59.94	4.02	12.60	25.52	118.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	2.48	0.04	0.89	155.36	ppb
Selenium	82-1	0.94	0.92	1.37	1.08	23.80	ppb
Silicon	28-1	-40.96	-43.08	-38.56	-40.87		ppb
Silver	109-1	0.07	0.09	0.07	0.08	13.91	ppb
Silver	107-1	0.07	0.07	0.06	0.07	10.93	ppb
Sodium	23-2	105.67	70.96	100.89	92.51	20.34	ppb
Strontium	86-1	0.53	0.56	0.53	0.54	2.77	ppb
Strontium	88-1	0.60	0.57	0.60	0.59	3.42	ppb
Sulfur	34-1	-1860.76	-2221.39	-1769.03	-1950.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.58	0.58	0.57	0.58	0.79	ppb
Thallium	205-1	0.59	0.57	0.58	0.58	1.94	ppb
Tin	118-1	0.58	0.61	0.62	0.60	3.47	ppb
Titanium	47-1	3.01	3.29	2.80	3.03	8.11	ppb
Uranium	238-1	0.55	0.54	0.55	0.55	1.18	ppb
Vanadium	51-2	0.67	0.62	0.53	0.61	11.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.66	1.21	1.72	1.53	18.06	ppb
Zirconium	90-1	0.56	0.53	0.59	0.56	6.02	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-14	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:37:01	DataFile Name :	051SMPL_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.61	0.56	0.58	0.58	4.64	ppb

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 16:46:36 DataFile Name : 054CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-6.00	-3.61	-6.00	-5.20		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.08	-0.02	-0.08	-0.06		ppb
Barium	135-1	-0.01	0.02	0.00	0.00	548.01	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	-0.03	0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.22	1.33	1.21	1.25	5.30	ppb
Boron	11-1	0.66	0.91	0.76	0.78	16.26	ppb
Cadmium	111-1	-0.08	0.02	-0.03	-0.03		ppb
Cadmium	106-1	-5.29	0.60	-1.81	-2.17		ppb
Cadmium	108-1	-0.05	-0.01	-0.05	-0.04		ppb
Calcium	43-1	-26.23	-18.40	-18.79	-21.14		ppb
Calcium	44-1	-25.09	-29.75	-28.32	-27.72		ppb
Chromium	52-2	-0.07	-0.09	-0.04	-0.07		ppb
Cobalt	59-2	0.01	-0.01	-0.02	0.00		ppb
Copper	63-2	-0.01	0.01	0.01	0.00	761.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.02	-0.14	-0.36	-0.17		ppb
Iron	57-2	-2.18	-0.97	-0.28	-1.15		ppb
Lead	206-1	0.04	0.03	0.04	0.04	14.59	ppb
Lead	207-1	0.05	0.03	0.04	0.04	15.18	ppb
Lead	208-1	0.04	0.03	0.04	0.04	16.64	ppb
Lithium	6-1						%
Magnesium	24-2	-6.12	-7.97	-10.39	-8.16		ppb
Manganese	55-2	0.07	0.02	-0.01	0.03	148.04	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:46:36	DataFile Name :	054CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.02	0.02	0.01	361.17	ppb
Molybdenum	95-1	-0.03	-0.02	-0.01	-0.02		ppb
Molybdenum	96-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	97-1	-0.04	-0.04	-0.03	-0.04		ppb
Molybdenum	98-1	0.00	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.51	-0.49	-0.44	-0.48		ppb
Phosphorus	31-2	-10.85	-10.85	-10.85	-10.85		ppb
Potassium	39-2	-13.86	-27.87	-35.67	-25.80		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	7.31	0.00	2.44	173.21	ppb
Selenium	78-2	-1.20	-1.20	1.27	-0.38		ppb
Selenium	82-1	-0.40	0.01	-0.05	-0.15		ppb
Silicon	28-1	-41.07	-43.58	-37.87	-40.84		ppb
Silver	109-1	0.00	0.00	0.00	0.00	3934.79	ppb
Silver	107-1	0.00	0.01	0.01	0.00	53.31	ppb
Sodium	23-2	45.68	30.03	33.80	36.50	22.37	ppb
Strontium	86-1	-0.03	0.10	-0.01	0.02	305.86	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1515.73	-1768.94	-1528.48	-1604.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.03	0.02	75.57	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	16.39	ppb
Tin	118-1	-0.03	-0.01	0.01	-0.01		ppb
Titanium	47-1	-0.09	-0.06	0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	0.00	0.08	0.02	371.62	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	93.31	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:46:36	DataFile Name :	054CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.00	522.00	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:49:47	DataFile Name :	055LCS6_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9801.42	9113.37	8804.06	9239.62	5.53	ppb
Antimony	121-1	486.73	487.46	497.48	490.56	1.23	ppb
Arsenic	75-2	486.03	485.18	485.54	485.58	0.09	ppb
Barium	135-1	2430.59	2441.71	2472.21	2448.17	0.88	ppb
Barium	137-1	2417.74	2437.31	2416.88	2423.98	0.48	ppb
Beryllium	9-1	501.88	501.34	493.58	498.93	0.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	444.31	461.57	470.44	458.78	2.90	ppb
Boron	11-1	451.60	467.23	475.41	464.74	2.60	ppb
Cadmium	111-1	478.14	482.73	486.12	482.33	0.83	ppb
Cadmium	106-1	2317.99	2276.47	2335.44	2309.97	1.31	ppb
Cadmium	108-1	475.70	479.43	484.82	479.98	0.96	ppb
Calcium	43-1	46720.61	47070.30	46811.61	46867.51	0.39	ppb
Calcium	44-1	46599.47	47123.06	47310.75	47011.09	0.78	ppb
Chromium	52-2	496.02	476.06	471.05	481.04	2.75	ppb
Cobalt	59-2	494.22	474.20	474.70	481.04	2.37	ppb
Copper	63-2	975.63	937.27	938.86	950.58	2.28	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24926.20	24034.49	24035.45	24332.05	2.11	ppb
Iron	57-2	24274.18	23431.92	23231.49	23645.87	2.34	ppb
Lead	206-1	486.18	492.79	490.21	489.72	0.68	ppb
Lead	207-1	476.16	488.68	483.23	482.69	1.30	ppb
Lead	208-1	484.39	492.99	490.40	489.26	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	48868.60	46965.64	46241.59	47358.61	2.87	ppb
Manganese	55-2	1005.48	953.32	957.52	972.11	2.98	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:49:47	DataFile Name :	055LCS6_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2420.62	2476.42	2461.55	2452.86	1.18	ppb
Molybdenum	95-1	2423.09	2478.45	2485.63	2462.39	1.39	ppb
Molybdenum	96-1	2398.65	2479.37	2458.92	2445.65	1.72	ppb
Molybdenum	97-1	2435.68	2519.50	2497.72	2484.30	1.75	ppb
Molybdenum	98-1	2424.80	2489.20	2468.02	2460.67	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.75	478.36	472.58	483.56	2.96	ppb
Phosphorus	31-2	10016.10	9696.27	9187.75	9633.38	4.34	ppb
Potassium	39-2	24183.61	23212.91	23033.39	23476.63	2.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	342.52	465.56	398.61	402.23	15.31	ppb
Selenium	78-2	499.02	493.37	524.43	505.60	3.27	ppb
Selenium	82-1	473.72	491.73	483.09	482.85	1.87	ppb
Silicon	28-1	558.29	558.46	566.17	560.97	0.80	ppb
Silver	109-1	63.18	64.45	64.17	63.93	1.05	ppb
Silver	107-1	63.70	64.34	64.28	64.11	0.55	ppb
Sodium	23-2	50436.10	48740.78	48859.67	49345.51	1.92	ppb
Strontium	86-1	471.84	490.85	483.75	482.15	1.99	ppb
Strontium	88-1	484.07	500.50	489.86	491.48	1.70	ppb
Sulfur	34-1	8503.77	8317.85	8390.20	8403.94	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	483.92	492.19	488.23	488.11	0.85	ppb
Thallium	205-1	481.20	491.06	486.24	486.17	1.01	ppb
Tin	118-1	490.24	492.68	497.70	493.54	0.77	ppb
Titanium	47-1	2436.45	2467.52	2483.80	2462.59	0.98	ppb
Uranium	238-1	474.41	482.87	481.84	479.70	0.96	ppb
Vanadium	51-2	497.64	474.66	470.88	481.06	3.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.40	955.33	957.81	967.52	1.96	ppb
Zirconium	90-1	479.31	492.09	488.51	486.64	1.35	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:49:47	DataFile Name :	055LCS6_P8011918MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	467.72	477.75	475.91	473.79	1.13	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:52:51	DataFile Name :	056CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47770.55	47859.52	48396.33	48008.80	0.71	ppb
Antimony	121-1	491.26	491.02	487.79	490.03	0.40	ppb
Arsenic	75-2	489.55	483.69	494.24	489.16	1.08	ppb
Barium	135-1	2485.41	2484.02	2445.61	2471.68	0.91	ppb
Barium	137-1	2438.42	2469.57	2459.58	2455.86	0.65	ppb
Beryllium	9-1	525.45	525.39	516.09	522.31	1.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	504.10	507.09	526.78	512.66	2.40	ppb
Boron	11-1	502.44	523.69	519.51	515.22	2.19	ppb
Cadmium	111-1	474.67	477.11	477.74	476.51	0.34	ppb
Cadmium	106-1	2242.17	2268.82	2240.35	2250.45	0.71	ppb
Cadmium	108-1	477.67	480.65	478.70	479.01	0.32	ppb
Calcium	43-1	233777.92	234814.20	236828.50	235140.21	0.66	ppb
Calcium	44-1	235875.39	233551.65	236524.73	235317.26	0.66	ppb
Chromium	52-2	500.35	496.07	502.02	499.48	0.61	ppb
Cobalt	59-2	480.94	488.19	485.22	484.78	0.75	ppb
Copper	63-2	935.38	938.13	936.24	936.58	0.15	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	119850.48	120527.40	121123.84	120500.57	0.53	ppb
Iron	57-2	116742.16	117453.18	117741.08	117312.14	0.44	ppb
Lead	206-1	506.92	509.05	502.77	506.25	0.63	ppb
Lead	207-1	497.61	503.02	493.19	497.94	0.99	ppb
Lead	208-1	501.75	507.78	498.76	502.76	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	241194.68	241552.64	243530.94	242092.75	0.52	ppb
Manganese	55-2	984.56	991.30	987.89	987.91	0.34	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:52:51	DataFile Name :	056CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2481.51	2452.43	2423.00	2452.32	1.19	ppb
Molybdenum	95-1	2467.09	2434.87	2415.41	2439.12	1.07	ppb
Molybdenum	96-1	2476.29	2464.79	2436.81	2459.30	0.83	ppb
Molybdenum	97-1	2457.68	2458.71	2430.95	2449.11	0.64	ppb
Molybdenum	98-1	2451.99	2440.94	2418.30	2437.08	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.87	480.98	487.29	482.38	0.91	ppb
Phosphorus	31-2	9706.93	9278.04	9665.45	9550.14	2.48	ppb
Potassium	39-2	120423.67	119748.84	121921.01	120697.84	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	438.61	482.59	552.21	491.14	11.66	ppb
Selenium	78-2	480.02	448.27	471.40	466.56	3.52	ppb
Selenium	82-1	479.54	478.68	474.69	477.64	0.54	ppb
Silicon	28-1	528.60	526.80	539.43	531.61	1.29	ppb
Silver	109-1	491.38	489.23	485.80	488.80	0.58	ppb
Silver	107-1	486.48	486.71	486.44	486.54	0.03	ppb
Sodium	23-2	247416.06	247007.52	246631.56	247018.38	0.16	ppb
Strontium	86-1	494.76	494.65	483.64	491.02	1.30	ppb
Strontium	88-1	507.71	501.95	497.92	502.53	0.98	ppb
Sulfur	34-1	7480.49	7715.14	7935.93	7710.52	2.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.28	508.65	507.44	506.46	0.56	ppb
Thallium	205-1	503.48	503.94	500.66	502.70	0.35	ppb
Tin	118-1	483.35	491.20	489.78	488.11	0.86	ppb
Titanium	47-1	2468.52	2463.84	2462.16	2464.84	0.13	ppb
Uranium	238-1	501.80	509.36	495.88	502.35	1.34	ppb
Vanadium	51-2	499.24	497.38	503.34	499.99	0.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	947.53	944.82	948.53	946.96	0.20	ppb
Zirconium	90-1	499.73	493.16	493.79	495.56	0.73	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:52:51	DataFile Name :	056CCV_P8011918MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.09	478.95	473.75	479.26	1.18	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:55:53	DataFile Name :	057CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	-6.00	-1.23	-2.04		ppb
Antimony	121-1	0.27	0.32	0.34	0.31	11.77	ppb
Arsenic	75-2	0.00	0.00	-0.03	-0.01		ppb
Barium	135-1	0.04	0.04	0.07	0.05	40.40	ppb
Barium	137-1	0.02	0.02	0.02	0.02	6.10	ppb
Beryllium	9-1	0.44	0.43	0.38	0.42	7.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.29	21.15	16.97	18.81	11.35	ppb
Boron	11-1	19.51	18.19	16.80	18.17	7.46	ppb
Cadmium	111-1	0.01	0.00	-0.05	-0.01		ppb
Cadmium	106-1	-1.66	-2.26	-5.31	-3.08		ppb
Cadmium	108-1	-0.01	-0.05	-0.01	-0.03		ppb
Calcium	43-1	-16.70	-4.90	-12.56	-11.39		ppb
Calcium	44-1	-27.03	-24.16	-27.03	-26.07		ppb
Chromium	52-2	-0.05	-0.01	-0.09	-0.05		ppb
Cobalt	59-2	0.04	-0.02	0.01	0.01	248.69	ppb
Copper	63-2	0.07	0.03	0.08	0.06	46.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.97	3.23	3.32	3.17	5.69	ppb
Iron	57-2	1.58	2.75	2.92	2.41	30.18	ppb
Lead	206-1	0.13	0.17	0.14	0.15	11.93	ppb
Lead	207-1	0.14	0.13	0.11	0.13	11.56	ppb
Lead	208-1	0.13	0.14	0.13	0.13	4.50	ppb
Lithium	6-1						%
Magnesium	24-2	-10.67	-5.92	-13.65	-10.08		ppb
Manganese	55-2	0.02	0.04	0.06	0.04	63.25	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:55:53	DataFile Name :	057CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.16	0.14	0.17	18.65	ppb
Molybdenum	95-1	0.16	0.24	0.18	0.19	20.77	ppb
Molybdenum	96-1	0.20	0.21	0.21	0.21	2.29	ppb
Molybdenum	97-1	0.18	0.20	0.17	0.19	8.56	ppb
Molybdenum	98-1	0.16	0.19	0.17	0.17	6.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.69	-0.68	-0.59	-0.66		ppb
Phosphorus	31-2	-10.85	-10.85	-10.85	-10.85		ppb
Potassium	39-2	-25.45	-7.17	-14.48	-15.70		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.00	1.22	1.22	0.81	86.88	ppb
Selenium	82-1	0.43	0.22	-0.10	0.18	146.97	ppb
Silicon	28-1	-42.64	-28.06	-39.56	-36.75		ppb
Silver	109-1	0.02	0.03	0.02	0.02	25.84	ppb
Silver	107-1	0.02	0.01	0.03	0.02	30.20	ppb
Sodium	23-2	72.98	69.95	63.92	68.95	6.68	ppb
Strontium	86-1	0.00	0.00	0.05	0.02	168.43	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	12.81	ppb
Sulfur	34-1	-3331.17	-1600.57	-2787.93	-2573.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.19	0.15	0.17	13.39	ppb
Thallium	205-1	0.17	0.19	0.15	0.17	10.03	ppb
Tin	118-1	0.06	0.04	0.07	0.06	30.56	ppb
Titanium	47-1	0.03	-0.07	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	79.63	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	0.22	0.15	0.14	68.09	ppb
Zirconium	90-1	0.03	0.04	0.04	0.03	19.20	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:55:53	DataFile Name :	057CCBE_P8011918MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.04	0.03	0.02	92.86	ppb

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:21:36	DataFile Name :	003CALB_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	75	75	183	111	56.29	cps
Arsenic	75-2	7	4	6	6	33.38	cps
Barium	135-1	0	17	25	14	91.65	cps
Barium	137-1	92	50	25	56	60.62	cps
Beryllium	9-1	83	89	89	87	3.68	cps
Bismuth	209-1	3475283	3462243	3456998	3464841	0.27	cps
Bismuth	209-2	855290	853496	852321	853702	0.18	cps
Boron	10-1	92	75	83	83	10.00	cps
Boron	11-1	492	567	508	522	7.54	cps
Cadmium	111-1	541	487	513	513	5.28	cps
Cadmium	106-1	767	700	717	728	4.77	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	725	817	867	803	8.95	cps
Calcium	44-1	15776	16410	15793	15993	2.26	cps
Chromium	52-2	250	273	323	282	13.27	cps
Cobalt	59-2	43	50	40	44	11.46	cps
Copper	63-2	83	83	113	93	18.56	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	4936243	4936754	4929379	4934125	0.08	cps
Holmium	165-2	1013011	1003544	1008097	1008217	0.47	cps
Indium	115-1	3938482	3887057	3911596	3912378	0.66	cps
Indium	115-2	168987	166716	166695	167466	0.79	cps
Iron	56-2	1645	1417	1367	1476	10.03	cps
Iron	57-2	44	28	44	39	24.75	cps
Lead	206-1	233	206	250	230	9.78	cps
Lead	207-1	172	178	239	196	18.85	cps
Lead	208-1	844	906	972	907	7.04	cps
Lithium	6-1	623196	618503	626626	622775	0.65	cps
Magnesium	24-2	375	483	392	417	14.00	cps
Manganese	55-2	20	7	20	16	49.47	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:21:36	DataFile Name :	003CALB_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	100	83	97	13.09	cps
Molybdenum	95-1	108	67	67	81	29.86	cps
Molybdenum	96-1	67	108	108	94	25.47	cps
Molybdenum	97-1	42	75	92	69	36.66	cps
Molybdenum	98-1	125	67	75	89	35.50	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	593	580	540	571	4.86	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2275	2075	2225	2192	4.75	cps
Rhodium	103-1	3675468	3630508	3643052	3649676	0.64	cps
Rhodium	103-2	941135	937675	935703	938171	0.29	cps
Scandium	45-1	2104120	2065559	2090901	2086860	0.94	cps
Scandium	45-2	16970	16059	16063	16364	3.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	10	12	-52	-10	-360.34	cps
Silicon	28-1	383692	379688	380356	381245	0.56	cps
Silver	109-1	8	92	25	42	105.84	cps
Silver	107-1	83	25	83	64	52.72	cps
Sodium	23-2	7836	7035	7661	7511	5.60	cps
Strontium	86-1	358	500	392	417	17.78	cps
Strontium	88-1	100	125	67	97	30.10	cps
Sulfur	34-1	331199	332136	331428	331588	0.15	cps
Terbium	159-1	5083999	5093184	5103274	5093486	0.19	cps
Terbium	159-2	974522	967561	965946	969343	0.47	cps
Thallium	203-1	158	142	183	161	13.01	cps
Thallium	205-1	325	333	300	319	5.43	cps
Tin	118-1	400	525	642	522	23.14	cps
Titanium	47-1	100	125	108	111	11.46	cps
Uranium	238-1	117	42	50	69	59.19	cps
Vanadium	51-2	0	3	17	7	132.33	cps
Yttrium	89-1	4049715	4044449	4064420	4052861	0.26	cps
Yttrium	89-2	123498	122009	122439	122649	0.63	cps
Zinc	66-2	20	7	17	14	48.02	cps
Zirconium	90-1	250	192	133	192	30.43	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:21:36	DataFile Name :	003CALB_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	50	75	56	31.22	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:28:22	DataFile Name :	005CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	83	97	13.09	cps
Antimony	121-1	11564	11397	11531	11497	0.77	cps
Arsenic	75-2	78	83	70	77	8.43	cps
Barium	135-1	11948	12089	11722	11920	1.55	cps
Barium	137-1	21677	20934	21184	21265	1.78	cps
Beryllium	9-1	717	728	844	763	9.28	cps
Bismuth	209-1	3591996	3585648	3544552	3574065	0.72	cps
Bismuth	209-2	858734	861103	859630	859822	0.14	cps
Boron	10-1	1867	1642	1742	1750	6.44	cps
Boron	11-1	8636	8753	8886	8759	1.43	cps
Cadmium	111-1	1819	1623	1656	1699	6.16	cps
Cadmium	106-1	942	708	742	797	15.83	cps
Cadmium	108-1	88	92	108	96	11.51	cps
Calcium	43-1	6310	6143	5943	6132	3.00	cps
Calcium	44-1	104195	101894	101902	102664	1.29	cps
Chromium	52-2	1183	1100	1353	1212	10.65	cps
Cobalt	59-2	1050	1063	1003	1039	3.03	cps
Copper	63-2	1910	1873	1813	1866	2.62	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5201387	5153136	5148241	5167588	0.57	cps
Holmium	165-2	1022684	1025278	1014395	1020786	0.56	cps
Indium	115-1	4048440	4072510	3994024	4038325	1.00	cps
Indium	115-2	170575	168626	168992	169397	0.61	cps
Iron	56-2	17089	17345	17072	17168	0.89	cps
Iron	57-2	467	367	450	428	12.52	cps
Lead	206-1	4134	4084	4362	4193	3.53	cps
Lead	207-1	3929	3584	3406	3640	7.30	cps
Lead	208-1	16605	16149	16855	16536	2.16	cps
Lithium	6-1	627254	620377	623320	623650	0.55	cps
Magnesium	24-2	8620	8236	8286	8381	2.49	cps
Manganese	55-2	177	140	130	149	16.50	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:28:22	DataFile Name :	005CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9512	9495	10088	9698	3.48	cps
Molybdenum	95-1	11055	11547	11088	11230	2.45	cps
Molybdenum	96-1	13090	13257	12681	13010	2.28	cps
Molybdenum	97-1	7110	7594	6619	7108	6.86	cps
Molybdenum	98-1	19456	17929	19281	18889	4.42	cps
Neodymium	150-1	20	7	33	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	903	813	862	5.28	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	6760	6385	6685	6610	3.00	cps
Rhodium	103-1	3734327	3661583	3687040	3694317	1.00	cps
Rhodium	103-2	946374	943038	941543	943651	0.26	cps
Scandium	45-1	2137677	2134781	2129082	2133847	0.20	cps
Scandium	45-2	16223	16630	16593	16482	1.37	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	2	11	17	10	75.80	cps
Selenium	82-1	327	345	407	360	11.64	cps
Silicon	28-1	412931	407158	412052	410714	0.76	cps
Silver	109-1	5843	5451	5793	5696	3.74	cps
Silver	107-1	5802	5777	5852	5810	0.66	cps
Sodium	23-2	24271	24789	25590	24884	2.67	cps
Strontium	86-1	1775	1767	1884	1809	3.60	cps
Strontium	88-1	12940	12932	12823	12898	0.51	cps
Sulfur	34-1	334723	332505	331050	332759	0.56	cps
Terbium	159-1	5311875	5267618	5224249	5267914	0.83	cps
Terbium	159-2	975119	974997	978582	976233	0.21	cps
Thallium	203-1	4901	5251	5118	5090	3.47	cps
Thallium	205-1	11022	12448	11973	11814	6.15	cps
Tin	118-1	20024	19724	19198	19649	2.13	cps
Titanium	47-1	2867	3226	3042	3045	5.89	cps
Uranium	238-1	15452	15368	15410	15410	0.27	cps
Vanadium	51-2	1843	1747	1833	1808	2.94	cps
Yttrium	89-1	4125962	4132660	4133574	4130732	0.10	cps
Yttrium	89-2	122033	124262	124804	123700	1.19	cps
Zinc	66-2	213	177	197	196	9.39	cps
Zirconium	90-1	8687	8336	8553	8525	2.07	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:28:22	DataFile Name :	005CALS_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2042	1734	1950	1909	8.30	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:31:53	DataFile Name :	006CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3701	3817	3517	3678	4.11	cps
Antimony	121-1	326675	328170	342050	332298	2.55	cps
Arsenic	75-2	3663	3495	3589	3583	2.36	cps
Barium	135-1	342211	352063	360902	351725	2.66	cps
Barium	137-1	596926	611103	627574	611867	2.51	cps
Beryllium	9-1	36703	37332	38202	37412	2.01	cps
Bismuth	209-1	3592712	3223769	3715844	3510775	7.29	cps
Bismuth	209-2	897070	897451	886980	893834	0.66	cps
Boron	10-1	3717	4384	4659	4254	11.39	cps
Boron	11-1	18288	19063	19664	19005	3.63	cps
Cadmium	111-1	69015	70095	71900	70337	2.07	cps
Cadmium	106-1	7769	7436	8628	7944	7.74	cps
Cadmium	108-1	4955	4951	5072	4993	1.37	cps
Calcium	43-1	63017	63017	66676	64237	3.29	cps
Calcium	44-1	1014200	1029720	1053749	1032556	1.93	cps
Chromium	52-2	26485	26188	26645	26440	0.88	cps
Cobalt	59-2	58094	58636	57023	57918	1.42	cps
Copper	63-2	102534	103370	102156	102687	0.61	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	50	0	19	137.78	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	5118137	4610338	5391008	5039828	7.86	cps
Holmium	165-2	1065816	1056989	1055226	1059344	0.54	cps
Indium	115-1	3997702	3572003	4105431	3891712	7.25	cps
Indium	115-2	175255	172325	173144	173575	0.87	cps
Iron	56-2	900923	900170	897047	899380	0.23	cps
Iron	57-2	23081	22925	22524	22843	1.26	cps
Lead	206-1	218725	226532	230705	225321	2.70	cps
Lead	207-1	198569	204094	210032	204232	2.81	cps
Lead	208-1	893917	919305	935755	916326	2.30	cps
Lithium	6-1	618526	559710	644928	607721	7.18	cps
Magnesium	24-2	92123	87972	87678	89258	2.79	cps
Manganese	55-2	14818	15095	15425	15113	2.01	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:31:53	DataFile Name :	006CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	520862	538150	548768	535927	2.63	cps
Molybdenum	95-1	644238	659018	669529	657595	1.93	cps
Molybdenum	96-1	713271	729673	744839	729261	2.16	cps
Molybdenum	97-1	406324	402531	416009	408288	1.70	cps
Molybdenum	98-1	1039994	1051591	1083769	1058452	2.14	cps
Neodymium	150-1	60	27	27	38	50.93	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	18262	17438	17371	17690	2.81	cps
Phosphorus	31-2	308	208	250	256	19.66	cps
Potassium	39-2	28638	27795	29666	28700	3.26	cps
Rhodium	103-1	3670454	3290647	3793654	3584918	7.31	cps
Rhodium	103-2	975603	962563	961187	966451	0.82	cps
Scandium	45-1	2067280	1885451	2185064	2045932	7.38	cps
Scandium	45-2	16850	16874	16780	16835	0.29	cps
Selenium	77-2	27	37	20	28	30.20	cps
Selenium	78-2	93	102	100	98	4.99	cps
Selenium	82-1	4486	4422	4497	4468	0.91	cps
Silicon	28-1	513426	519034	528501	520320	1.46	cps
Silver	109-1	317781	324154	330187	324041	1.91	cps
Silver	107-1	335965	339979	346841	340928	1.61	cps
Sodium	23-2	213967	211024	213039	212677	0.71	cps
Strontium	86-1	84545	86615	87681	86280	1.85	cps
Strontium	88-1	720660	729141	753544	734449	2.32	cps
Sulfur	34-1	354317	356317	359452	356695	0.73	cps
Terbium	159-1	5326283	4770987	5486583	5194618	7.23	cps
Terbium	159-2	1023765	1019604	1016090	1019819	0.38	cps
Thallium	203-1	271274	273763	283242	276093	2.29	cps
Thallium	205-1	643537	660174	672302	658671	2.19	cps
Tin	118-1	218346	223221	225445	222337	1.63	cps
Titanium	47-1	159634	158429	163047	160370	1.49	cps
Uranium	238-1	914076	928720	949973	930923	1.94	cps
Vanadium	51-2	20001	19948	19757	19902	0.64	cps
Yttrium	89-1	4085835	3672082	4316696	4024871	8.11	cps
Yttrium	89-2	127037	126304	125506	126282	0.61	cps
Zinc	66-2	9837	9660	9373	9623	2.43	cps
Zirconium	90-1	438096	449945	457518	448520	2.18	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:31:53	DataFile Name :	006CALS_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	96752	99000	102276	99343	2.80	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:35:25	DataFile Name :	007CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9287	8995	9303	9195	1.89	cps
Antimony	121-1	847724	853306	855365	852132	0.46	cps
Arsenic	75-2	9049	8840	9046	8978	1.33	cps
Barium	135-1	890406	892160	898895	893820	0.50	cps
Barium	137-1	1563582	1558082	1585718	1569127	0.93	cps
Beryllium	9-1	93832	93111	95001	93981	1.02	cps
Bismuth	209-1	3828547	3776258	3735150	3779985	1.24	cps
Bismuth	209-2	889589	892117	894665	892124	0.28	cps
Boron	10-1	10221	10554	10237	10337	1.82	cps
Boron	11-1	46810	49955	49412	48726	3.45	cps
Cadmium	111-1	177475	179556	179775	178935	0.71	cps
Cadmium	106-1	18714	19098	18079	18630	2.76	cps
Cadmium	108-1	12977	12873	12760	12870	0.84	cps
Calcium	43-1	159624	161443	159724	160264	0.64	cps
Calcium	44-1	2584554	2609990	2632899	2609148	0.93	cps
Chromium	52-2	64793	64310	63647	64250	0.89	cps
Cobalt	59-2	143796	141462	142405	142555	0.82	cps
Copper	63-2	254447	248519	249696	250887	1.25	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	0	14	124.91	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	5540273	5466520	5364299	5457031	1.62	cps
Holmium	165-2	1066182	1069098	1059353	1064878	0.47	cps
Indium	115-1	4238009	4174246	4155619	4189291	1.03	cps
Indium	115-2	171167	171625	171763	171518	0.18	cps
Iron	56-2	2231780	2210498	2211915	2218064	0.54	cps
Iron	57-2	56359	54702	56174	55745	1.63	cps
Lead	206-1	574114	566398	576575	572362	0.93	cps
Lead	207-1	524837	525644	523234	524572	0.23	cps
Lead	208-1	2352378	2345368	2354204	2350650	0.20	cps
Lithium	6-1	649225	642263	638660	643383	0.83	cps
Magnesium	24-2	219356	217259	218512	218376	0.48	cps
Manganese	55-2	37099	36775	36387	36754	0.97	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:35:25	DataFile Name :	007CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1367250	1368000	1371731	1368994	0.18	cps
Molybdenum	95-1	1717641	1731614	1724712	1724656	0.41	cps
Molybdenum	96-1	1895076	1906907	1934519	1912167	1.06	cps
Molybdenum	97-1	1049097	1039379	1036181	1041552	0.65	cps
Molybdenum	98-1	2719528	2747784	2723727	2730346	0.56	cps
Neodymium	150-1	67	33	67	56	34.65	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	42525	42525	42451	42500	0.10	cps
Phosphorus	31-2	617	825	783	742	14.86	cps
Potassium	39-2	66257	65126	65529	65637	0.87	cps
Rhodium	103-1	3861174	3779665	3747384	3796074	1.54	cps
Rhodium	103-2	954949	959637	960384	958323	0.31	cps
Scandium	45-1	2249883	2171415	2161401	2194233	2.21	cps
Scandium	45-2	16553	16867	16413	16611	1.40	cps
Selenium	77-2	63	47	43	51	20.96	cps
Selenium	78-2	226	211	206	214	4.92	cps
Selenium	82-1	11208	10867	10775	10950	2.08	cps
Silicon	28-1	719548	716428	720870	718949	0.32	cps
Silver	109-1	811339	817904	824779	818007	0.82	cps
Silver	107-1	853921	858209	853485	855205	0.31	cps
Sodium	23-2	506706	508275	503181	506054	0.52	cps
Strontium	86-1	216313	215312	217433	216353	0.49	cps
Strontium	88-1	1898004	1907815	1910638	1905486	0.35	cps
Sulfur	34-1	384227	384832	385517	384859	0.17	cps
Terbium	159-1	5687175	5622211	5540039	5616475	1.31	cps
Terbium	159-2	1010415	1014995	1016062	1013824	0.30	cps
Thallium	203-1	705009	713734	708571	709104	0.62	cps
Thallium	205-1	1683642	1705107	1711085	1699944	0.85	cps
Tin	118-1	565085	565362	563621	564689	0.17	cps
Titanium	47-1	404487	403269	404285	404014	0.16	cps
Uranium	238-1	2402435	2466236	2449437	2439369	1.36	cps
Vanadium	51-2	48363	48467	48480	48437	0.13	cps
Yttrium	89-1	4317610	4311645	4238993	4289416	1.02	cps
Yttrium	89-2	124235	124454	124983	124557	0.31	cps
Zinc	66-2	22869	22919	23480	23089	1.47	cps
Zirconium	90-1	1140301	1143393	1134726	1139473	0.39	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:35:25	DataFile Name :	007CALS_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	252080	253028	255805	253638	0.76	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:38:51	DataFile Name :	008CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17887	17437	18204	17843	2.16	cps
Antimony	121-1	1782980	1755882	1741144	1760002	1.21	cps
Arsenic	75-2	17183	17250	17190	17208	0.21	cps
Barium	135-1	1863056	1815268	1843515	1840613	1.31	cps
Barium	137-1	3225079	3176817	3222224	3208040	0.84	cps
Beryllium	9-1	185380	184101	182250	183910	0.86	cps
Bismuth	209-1	3373320	3796854	3862149	3677441	7.22	cps
Bismuth	209-2	889622	885762	888591	887992	0.23	cps
Boron	10-1	20507	20107	20315	20310	0.99	cps
Boron	11-1	95391	96952	97773	96705	1.25	cps
Cadmium	111-1	364591	361045	357404	361013	1.00	cps
Cadmium	106-1	37537	36968	36893	37133	0.95	cps
Cadmium	108-1	25846	25700	25053	25533	1.65	cps
Calcium	43-1	318828	319135	315940	317968	0.55	cps
Calcium	44-1	5212267	5131246	5118156	5153890	0.99	cps
Chromium	52-2	123720	123317	122897	123311	0.33	cps
Cobalt	59-2	275706	274737	274835	275093	0.19	cps
Copper	63-2	485780	484070	483363	484404	0.26	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	50	17	42	36	48.03	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	4854447	5545202	5494131	5297927	7.27	cps
Holmium	165-2	1060133	1057975	1059491	1059200	0.10	cps
Indium	115-1	3714100	4162450	4221886	4032812	6.88	cps
Indium	115-2	166639	165854	165929	166141	0.26	cps
Iron	56-2	4224244	4258543	4201053	4227946	0.68	cps
Iron	57-2	107562	105893	106397	106617	0.80	cps
Lead	206-1	1191313	1187682	1179510	1186168	0.51	cps
Lead	207-1	1072652	1077879	1077498	1076010	0.27	cps
Lead	208-1	4910250	4899035	4913748	4907678	0.16	cps
Lithium	6-1	559516	630982	639050	609849	7.18	cps
Magnesium	24-2	417245	414708	410846	414266	0.78	cps
Manganese	55-2	70909	69579	70942	70476	1.10	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:38:51	DataFile Name :	008CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2795438	2795783	2783036	2791419	0.26	cps
Molybdenum	95-1	3467368	3425180	3454868	3449138	0.63	cps
Molybdenum	96-1	3892628	3797150	3834690	3841489	1.25	cps
Molybdenum	97-1	2152328	2113287	2122494	2129370	0.96	cps
Molybdenum	98-1	5517605	5409365	5448167	5458379	1.00	cps
Neodymium	150-1	67	73	87	76	13.48	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	82171	80350	81108	81210	1.13	cps
Phosphorus	31-2	1517	1392	1283	1397	8.36	cps
Potassium	39-2	122411	124759	121721	122964	1.29	cps
Rhodium	103-1	3326128	3763715	3807124	3632323	7.32	cps
Rhodium	103-2	946580	940310	941633	942841	0.35	cps
Scandium	45-1	1877517	2142353	2161092	2060321	7.70	cps
Scandium	45-2	16126	15479	15452	15686	2.43	cps
Selenium	77-2	110	133	117	120	10.02	cps
Selenium	78-2	417	417	409	414	1.03	cps
Selenium	82-1	21940	21931	22008	21960	0.19	cps
Silicon	28-1	942488	947459	941234	943727	0.35	cps
Silver	109-1	1681282	1695280	1662333	1679632	0.98	cps
Silver	107-1	1755566	1766971	1757355	1759964	0.35	cps
Sodium	23-2	961395	959018	952924	957779	0.46	cps
Strontium	86-1	442394	435697	435673	437921	0.88	cps
Strontium	88-1	3836980	3813333	3769722	3806678	0.90	cps
Sulfur	34-1	414613	415377	416202	415397	0.19	cps
Terbium	159-1	4965147	5691685	5659303	5438712	7.55	cps
Terbium	159-2	1012709	1011613	1009633	1011318	0.15	cps
Thallium	203-1	1466647	1455779	1446119	1456182	0.71	cps
Thallium	205-1	3534420	3508953	3546698	3530024	0.55	cps
Tin	118-1	1165806	1145778	1151467	1154350	0.89	cps
Titanium	47-1	809962	810980	810375	810439	0.06	cps
Uranium	238-1	4969982	4933010	5026994	4976662	0.95	cps
Vanadium	51-2	94875	93657	93785	94106	0.71	cps
Yttrium	89-1	3759667	4352315	4306855	4139612	7.97	cps
Yttrium	89-2	121269	120960	123004	121744	0.91	cps
Zinc	66-2	45287	44414	44337	44680	1.18	cps
Zirconium	90-1	2331584	2342443	2346820	2340282	0.34	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:38:51	DataFile Name :	008CALS_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	515858	508436	510867	511720	0.74	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 13:42:12 DataFile Name : 009CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32513	31695	31870	32026	1.35	cps
Antimony	121-1	3450487	3440441	3467425	3452784	0.39	cps
Arsenic	75-2	32251	32043	32110	32134	0.33	cps
Barium	135-1	3627886	3619031	3636382	3627767	0.24	cps
Barium	137-1	6372293	6303910	6290428	6322211	0.69	cps
Beryllium	9-1	350320	345811	348789	348307	0.66	cps
Bismuth	209-1	3882255	3826208	3883830	3864098	0.85	cps
Bismuth	209-2	795540	856384	877671	843198	5.05	cps
Boron	10-1	39263	38753	39781	39266	1.31	cps
Boron	11-1	183829	185195	188759	185928	1.37	cps
Cadmium	111-1	708230	703054	705897	705727	0.37	cps
Cadmium	106-1	72847	71281	71892	72007	1.10	cps
Cadmium	108-1	51059	49792	50499	50450	1.26	cps
Calcium	43-1	619514	614841	607319	613891	1.00	cps
Calcium	44-1	9953092	9901494	9880587	9911724	0.38	cps
Chromium	52-2	231384	227830	226031	228415	1.19	cps
Cobalt	59-2	513494	510681	504247	509474	0.93	cps
Copper	63-2	902718	901747	891382	898615	0.70	cps
Dysprosium	156-1	42	67	42	50	28.87	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	0	58	58	39	86.60	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	5613507	5612458	5549398	5591788	0.66	cps
Holmium	165-2	956956	1029823	1053250	1013343	4.96	cps
Indium	115-1	4090303	4096376	4082227	4089635	0.17	cps
Indium	115-2	145139	153484	157369	151997	4.11	cps
Iron	56-2	7779754	7800436	7667589	7749260	0.92	cps
Iron	57-2	200313	198810	197334	198819	0.75	cps
Lead	206-1	2408542	2412417	2447889	2422949	0.89	cps
Lead	207-1	2242511	2238325	2252967	2244601	0.34	cps
Lead	208-1	9949666	9949512	10023269	9974149	0.43	cps
Lithium	6-1	621859	622832	618733	621141	0.34	cps
Magnesium	24-2	773030	766560	762917	767502	0.67	cps
Manganese	55-2	131243	129904	128918	130022	0.90	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:42:12	DataFile Name :	009CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5481677	5403208	5469957	5451614	0.78	cps
Molybdenum	95-1	6764331	6724117	6720701	6736383	0.36	cps
Molybdenum	96-1	7478574	7361853	7455403	7431943	0.83	cps
Molybdenum	97-1	4148293	4138456	4192606	4159785	0.69	cps
Molybdenum	98-1	10783945	10737760	10744470	10755392	0.23	cps
Neodymium	150-1	193	173	113	160	26.02	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	151662	149590	147339	149530	1.45	cps
Phosphorus	31-2	2092	2275	2450	2273	7.89	cps
Potassium	39-2	222863	220789	218430	220694	1.01	cps
Rhodium	103-1	3762020	3719162	3698676	3726619	0.87	cps
Rhodium	103-2	825258	880914	897828	868000	4.37	cps
Scandium	45-1	2113352	2114332	2076409	2101364	1.03	cps
Scandium	45-2	13090	13934	14548	13857	5.28	cps
Selenium	77-2	207	217	263	229	13.21	cps
Selenium	78-2	802	698	722	741	7.33	cps
Selenium	82-1	43284	42843	42575	42901	0.83	cps
Silicon	28-1	1401454	1397744	1392258	1397152	0.33	cps
Silver	109-1	3298759	3251489	3299083	3283110	0.83	cps
Silver	107-1	3419388	3412564	3425735	3419229	0.19	cps
Sodium	23-2	1795750	1794158	1767372	1785760	0.89	cps
Strontium	86-1	855127	850491	857820	854480	0.43	cps
Strontium	88-1	7342851	7327572	7401032	7357151	0.53	cps
Sulfur	34-1	486172	484777	478257	483069	0.87	cps
Terbium	159-1	5656915	5643617	5628909	5643147	0.25	cps
Terbium	159-2	921135	977148	996211	964831	4.04	cps
Thallium	203-1	2978980	2966607	2997632	2981073	0.52	cps
Thallium	205-1	7025748	7031923	7029521	7029064	0.04	cps
Tin	118-1	2313300	2301505	2300418	2305074	0.31	cps
Titanium	47-1	1606703	1567642	1569618	1581321	1.39	cps
Uranium	238-1	10021189	10082535	10086387	10063370	0.36	cps
Vanadium	51-2	174579	173007	170466	172684	1.20	cps
Yttrium	89-1	4290146	4253714	4226641	4256834	0.75	cps
Yttrium	89-2	105465	111030	114363	110286	4.08	cps
Zinc	66-2	83677	83288	82986	83317	0.42	cps
Zirconium	90-1	4567696	4539104	4551119	4552640	0.32	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:42:12	DataFile Name :	009CALS_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1023043	1006989	1016550	1015527	0.80	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:45:29	DataFile Name :	010CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59760	59342	59609	59570	0.35	cps
Antimony	121-1	6776295	6799009	6696979	6757428	0.79	cps
Arsenic	75-2	61583	60586	60640	60936	0.92	cps
Barium	135-1	7127035	7192098	7077651	7132261	0.80	cps
Barium	137-1	12445757	12436199	12218036	12366664	1.04	cps
Beryllium	9-1	654805	653536	648475	652272	0.51	cps
Bismuth	209-1	3914115	3852615	3884462	3883731	0.79	cps
Bismuth	209-2	862898	864040	856525	861154	0.47	cps
Boron	10-1	74393	76639	76646	75893	1.71	cps
Boron	11-1	357071	356668	363059	358933	1.00	cps
Cadmium	111-1	1381466	1385116	1374275	1380286	0.40	cps
Cadmium	106-1	142639	140273	140248	141053	0.97	cps
Cadmium	108-1	97680	97999	98137	97939	0.24	cps
Calcium	43-1	1174323	1176544	1176024	1175630	0.10	cps
Calcium	44-1	19058661	18756070	18753006	18855912	0.93	cps
Chromium	52-2	427316	428506	424360	426727	0.50	cps
Cobalt	59-2	958686	962242	948516	956481	0.74	cps
Copper	63-2	1735322	1703760	1700752	1713278	1.12	cps
Dysprosium	156-1	100	58	67	75	29.40	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	17	50	75	47	61.97	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	5583020	5606334	5614985	5601446	0.30	cps
Holmium	165-2	1038676	1040327	1028649	1035884	0.61	cps
Indium	115-1	4010622	3984522	4019995	4005047	0.46	cps
Indium	115-2	149500	149127	149397	149341	0.13	cps
Iron	56-2	14812653	14600129	14493454	14635412	1.11	cps
Iron	57-2	374659	372639	373990	373763	0.28	cps
Lead	206-1	4837926	4825395	4831247	4831522	0.13	cps
Lead	207-1	4559159	4489545	4434472	4494392	1.39	cps
Lead	208-1	19906344	19724086	19637879	19756103	0.69	cps
Lithium	6-1	599555	597232	602086	599624	0.40	cps
Magnesium	24-2	1474613	1455690	1446228	1458844	0.99	cps
Manganese	55-2	247188	243801	239907	243632	1.50	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:45:29	DataFile Name :	010CAL5_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10558920	10481339	10461284	10500514	0.49	cps
Molybdenum	95-1	13154763	13101607	13135521	13130630	0.20	cps
Molybdenum	96-1	14576229	14347038	14476128	14466465	0.79	cps
Molybdenum	97-1	8068756	8138941	8000502	8069400	0.86	cps
Molybdenum	98-1	21131483	20919403	21031781	21027556	0.50	cps
Neodymium	150-1	293	433	253	327	28.93	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	278521	279966	277972	278819	0.37	cps
Phosphorus	31-2	4259	3951	4451	4220	5.98	cps
Potassium	39-2	405191	404894	400517	403534	0.65	cps
Rhodium	103-1	3617729	3621587	3645528	3628281	0.42	cps
Rhodium	103-2	871077	869056	866504	868879	0.26	cps
Scandium	45-1	2012338	2018973	1993342	2008218	0.66	cps
Scandium	45-2	13463	14184	13664	13770	2.70	cps
Selenium	77-2	443	407	407	419	5.05	cps
Selenium	78-2	1337	1295	1420	1351	4.74	cps
Selenium	82-1	83512	83127	82822	83154	0.42	cps
Silicon	28-1	2213605	2168945	2174637	2185729	1.11	cps
Silver	109-1	6317308	6314580	6328019	6319969	0.11	cps
Silver	107-1	6602173	6585841	6612792	6600269	0.21	cps
Sodium	23-2	3341841	3333056	3285070	3319989	0.92	cps
Strontium	86-1	1694454	1658406	1683357	1678739	1.10	cps
Strontium	88-1	14374576	14389187	14354996	14372920	0.12	cps
Sulfur	34-1	622326	616095	605572	614664	1.38	cps
Terbium	159-1	5698917	5686186	5688575	5691226	0.12	cps
Terbium	159-2	991113	985692	984770	987192	0.35	cps
Thallium	203-1	5850168	5857886	5926051	5878035	0.71	cps
Thallium	205-1	13935339	13869063	13942318	13915573	0.29	cps
Tin	118-1	4542689	4571157	4540836	4551561	0.37	cps
Titanium	47-1	3007225	2982471	2977085	2988927	0.54	cps
Uranium	238-1	20617030	20479661	20464056	20520249	0.41	cps
Vanadium	51-2	327259	325520	321386	324722	0.93	cps
Yttrium	89-1	4202119	4163980	4209490	4191863	0.58	cps
Yttrium	89-2	110613	109582	109857	110017	0.49	cps
Zinc	66-2	156544	155167	153653	155121	0.93	cps
Zirconium	90-1	8899214	8856198	8856482	8870632	0.28	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:45:29	DataFile Name :	010CALS_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2020077	1989377	1995191	2001548	0.81	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:48:42	DataFile Name :	011CAL5_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321448	318236	327483	322389	1.46	cps
Antimony	121-1	7653	7669	8145	7822	3.57	cps
Arsenic	75-2	15	30	37	27	41.68	cps
Barium	135-1	2034	1925	2059	2006	3.53	cps
Barium	137-1	3117	3717	3684	3506	9.62	cps
Beryllium	9-1	539	556	583	559	4.01	cps
Bismuth	209-1	3613999	3663209	3593452	3623553	0.99	cps
Bismuth	209-2	808795	807770	813880	810148	0.40	cps
Boron	10-1	3484	3317	2859	3220	10.05	cps
Boron	11-1	16927	15592	14525	15681	7.68	cps
Cadmium	111-1	786	572	700	686	15.70	cps
Cadmium	106-1	742	558	642	647	14.18	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	6080971	6149306	6106352	6112210	0.57	cps
Calcium	44-1	97996848	98402713	98972044	98457202	0.50	cps
Chromium	52-2	5358	4994	5691	5348	6.52	cps
Cobalt	59-2	1127	1120	1150	1132	1.39	cps
Copper	63-2	2250	2304	2217	2257	1.94	cps
Dysprosium	156-1	58	58	75	64	15.05	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	58	25	100	61	61.49	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	5548654	5480303	5475149	5501369	0.75	cps
Holmium	165-2	1034703	1020624	1026427	1027251	0.69	cps
Indium	115-1	3962748	3977631	3869584	3936654	1.49	cps
Indium	115-2	151908	150675	152422	151668	0.59	cps
Iron	56-2	75491971	75199641	76180510	75624041	0.67	cps
Iron	57-2	1977448	1940364	1978746	1965519	1.11	cps
Lead	206-1	9109	9326	9298	9244	1.28	cps
Lead	207-1	7703	7747	7975	7808	1.87	cps
Lead	208-1	35637	36294	36800	36244	1.61	cps
Lithium	6-1	583901	591602	587503	587669	0.66	cps
Magnesium	24-2	7468031	7487334	7589568	7514978	0.87	cps
Manganese	55-2	613	700	660	658	6.59	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:48:42	DataFile Name :	011CAL5_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4509	3876	4418	4268	8.02	cps
Molybdenum	95-1	6477	6510	6752	6580	2.28	cps
Molybdenum	96-1	8745	7928	8111	8261	5.19	cps
Molybdenum	97-1	4117	3859	3701	3892	5.41	cps
Molybdenum	98-1	10471	9554	9946	9990	4.61	cps
Neodymium	150-1	27	73	20	40	72.65	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	2844	2837	2517	2733	6.83	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2174667	2134635	2198309	2169203	1.48	cps
Rhodium	103-1	3434121	3458952	3413593	3435555	0.66	cps
Rhodium	103-2	845766	839426	846593	843928	0.46	cps
Scandium	45-1	2012707	2042482	2000906	2018698	1.06	cps
Scandium	45-2	14451	13370	14361	14061	4.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	2	17	-7	4	286.14	cps
Silicon	28-1	373807	373000	391734	379514	2.79	cps
Silver	109-1	458	525	508	497	6.98	cps
Silver	107-1	550	500	458	503	9.13	cps
Sodium	23-2	17298952	17139478	17185767	17208066	0.48	cps
Strontium	86-1	56819	55865	57690	56791	1.61	cps
Strontium	88-1	494740	492122	487372	491411	0.76	cps
Sulfur	34-1	284290	286159	286685	285711	0.44	cps
Terbium	159-1	5641351	5660747	5558446	5620182	0.97	cps
Terbium	159-2	974821	968856	975992	973223	0.39	cps
Thallium	203-1	2951	2759	2934	2881	3.69	cps
Thallium	205-1	7219	7294	6660	7058	4.91	cps
Tin	118-1	4801	5101	5093	4998	3.42	cps
Titanium	47-1	558	533	625	572	8.28	cps
Uranium	238-1	1567	1509	1484	1520	2.81	cps
Vanadium	51-2	70	43	63	59	23.57	cps
Yttrium	89-1	4136506	4106350	4098206	4113688	0.49	cps
Yttrium	89-2	112636	111867	111994	112166	0.37	cps
Zinc	66-2	573	543	513	543	5.52	cps
Zirconium	90-1	1842	2000	1900	1914	4.18	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 13:48:42	DataFile Name :	011CALS_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	367	350	344	7.39	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:13:58 DataFile Name : 012ICV01_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1867	1667	1884	1806	6.68	cps
Antimony	121-1	1338336	1351362	1341190	1343629	0.51	cps
Arsenic	75-2	13694	13572	13470	13578	0.83	cps
Barium	135-1	144768	146578	144498	145281	0.78	cps
Barium	137-1	253350	253241	255726	254105	0.55	cps
Beryllium	9-1	72521	71979	72153	72218	0.38	cps
Bismuth	209-1	3827735	3854858	3799789	3827461	0.72	cps
Bismuth	209-2	882706	867567	870094	873455	0.93	cps
Boron	10-1	48282	48382	47789	48151	0.66	cps
Boron	11-1	225774	228584	229437	227932	0.84	cps
Cadmium	111-1	147019	147772	146776	147189	0.35	cps
Cadmium	106-1	23613	23897	23238	23583	1.40	cps
Cadmium	108-1	13036	13169	13223	13143	0.73	cps
Calcium	43-1	27887	28346	27754	27996	1.11	cps
Calcium	44-1	436900	440441	437233	438191	0.45	cps
Chromium	52-2	47952	48093	47855	47967	0.25	cps
Cobalt	59-2	110396	109866	110010	110091	0.25	cps
Copper	63-2	97979	95746	96388	96704	1.19	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	5480630	5474145	5386079	5446951	0.97	cps
Holmium	165-2	1043878	1021383	1023895	1029719	1.20	cps
Indium	115-1	4069550	4088540	4119226	4092439	0.61	cps
Indium	115-2	161074	160610	158837	160173	0.74	cps
Iron	56-2	335426	330184	333009	332873	0.79	cps
Iron	57-2	8631	8709	8764	8701	0.77	cps
Lead	206-1	972522	988152	986654	982442	0.88	cps
Lead	207-1	854882	865924	858012	859606	0.66	cps
Lead	208-1	3960491	4034449	3959301	3984747	1.08	cps
Lithium	6-1	632914	629332	629885	630710	0.31	cps
Magnesium	24-2	20365	19940	19648	19984	1.81	cps
Manganese	55-2	14214	13834	13367	13805	3.07	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:13:58 DataFile Name : 012ICV01_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2554686	2561766	2577130	2564528	0.45	cps
Molybdenum	95-1	1344535	1347654	1348014	1346734	0.14	cps
Molybdenum	96-1	1753571	1778876	1754361	1762270	0.82	cps
Molybdenum	97-1	838312	834488	837179	836659	0.23	cps
Molybdenum	98-1	2236324	2219670	2227284	2227759	0.37	cps
Neodymium	150-1	0	13	33	16	107.87	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	32645	33277	32254	32725	1.58	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	20925	20040	20758	20574	2.28	cps
Rhodium	103-1	3783661	3715781	3733151	3744198	0.94	cps
Rhodium	103-2	928190	924445	915825	922820	0.69	cps
Scandium	45-1	2085090	2085503	2081875	2084156	0.10	cps
Scandium	45-2	15552	15208	15025	15262	1.75	cps
Selenium	77-2	80	80	120	93	24.74	cps
Selenium	78-2	348	294	287	310	10.76	cps
Selenium	82-1	17449	17337	17575	17454	0.68	cps
Silicon	28-1	1436569	1386544	1391336	1404816	1.96	cps
Silver	109-1	655588	653902	658337	655943	0.34	cps
Silver	107-1	688550	685162	688431	687381	0.28	cps
Sodium	23-2	83998	82422	83310	83243	0.95	cps
Strontium	86-1	877753	869288	886704	877915	0.99	cps
Strontium	88-1	7493749	7557566	7636066	7562461	0.94	cps
Sulfur	34-1	305385	304816	299921	303374	0.99	cps
Terbium	159-1	5605737	5578253	5618256	5600749	0.37	cps
Terbium	159-2	997831	982024	980996	986951	0.96	cps
Thallium	203-1	1215274	1213594	1207007	1211958	0.36	cps
Thallium	205-1	2953326	3012304	2949376	2971669	1.19	cps
Tin	118-1	2344167	2370673	2384569	2366470	0.87	cps
Titanium	47-1	324056	323226	320602	322628	0.56	cps
Uranium	238-1	10575617	10693964	10577903	10615828	0.64	cps
Vanadium	51-2	35512	35699	36194	35801	0.98	cps
Yttrium	89-1	4191997	4192369	4221510	4201959	0.40	cps
Yttrium	89-2	116599	116021	116205	116275	0.25	cps
Zinc	66-2	17575	18266	17581	17807	2.23	cps
Zirconium	90-1	4854411	4855420	4827033	4845622	0.33	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:13:58	DataFile Name :	012ICV01_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1069249	1073867	1074970	1072695	0.28	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:20:50 DataFile Name : 013CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	383	467	492	447	12.68	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	58	117	75	83	36.05	cps
Beryllium	9-1	156	156	161	157	2.04	cps
Bismuth	209-1	3752524	3750424	3759899	3754282	0.13	cps
Bismuth	209-2	864405	859151	860476	861344	0.32	cps
Boron	10-1	650	592	475	572	15.57	cps
Boron	11-1	2217	2117	2534	2289	9.50	cps
Cadmium	111-1	476	540	444	487	10.02	cps
Cadmium	106-1	667	742	625	678	8.72	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	658	608	558	608	8.22	cps
Calcium	44-1	12873	13232	12523	12876	2.75	cps
Chromium	52-2	303	227	233	254	16.69	cps
Cobalt	59-2	70	23	13	36	85.08	cps
Copper	63-2	100	113	100	104	7.37	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	50	25	8	28	75.51	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	5322286	5318642	5335640	5325523	0.17	cps
Holmium	165-2	1019015	1012439	1012456	1014637	0.37	cps
Indium	115-1	4058649	4043131	4089844	4063875	0.59	cps
Indium	115-2	162727	159857	161323	161302	0.89	cps
Iron	56-2	1861	1661	1961	1828	8.36	cps
Iron	57-2	56	39	50	48	17.63	cps
Lead	206-1	461	417	433	437	5.14	cps
Lead	207-1	294	317	322	311	4.72	cps
Lead	208-1	1656	1595	1606	1619	2.01	cps
Lithium	6-1	618208	619658	623889	620585	0.48	cps
Magnesium	24-2	308	317	325	317	2.63	cps
Manganese	55-2	17	10	17	14	26.66	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:20:50	DataFile Name :	013CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	233	250	206	30.70	cps
Molybdenum	95-1	125	117	100	114	11.18	cps
Molybdenum	96-1	142	125	158	142	11.76	cps
Molybdenum	97-1	100	50	125	92	41.66	cps
Molybdenum	98-1	192	133	200	175	20.76	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	410	520	443	458	12.32	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1942	1759	1950	1884	5.75	cps
Rhodium	103-1	3706942	3736691	3703095	3715576	0.49	cps
Rhodium	103-2	909655	909903	914984	911514	0.33	cps
Scandium	45-1	2015570	2059346	2028394	2034437	1.11	cps
Scandium	45-2	14514	14835	14274	14541	1.93	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-34	-26	-17	-26	-32.85	cps
Silicon	28-1	327966	331770	334457	331398	0.98	cps
Silver	109-1	33	83	67	61	41.67	cps
Silver	107-1	42	100	117	86	45.73	cps
Sodium	23-2	7769	7802	7419	7663	2.77	cps
Strontium	86-1	367	425	367	386	8.72	cps
Strontium	88-1	258	92	158	169	49.51	cps
Sulfur	34-1	303403	302939	301844	302728	0.26	cps
Terbium	159-1	5472931	5442781	5483773	5466495	0.39	cps
Terbium	159-2	971250	964761	967385	967799	0.34	cps
Thallium	203-1	333	392	317	347	11.34	cps
Thallium	205-1	858	958	775	864	10.63	cps
Tin	118-1	400	575	617	531	21.67	cps
Titanium	47-1	100	167	92	119	34.42	cps
Uranium	238-1	125	158	125	136	14.14	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	4134799	4088456	4109192	4110816	0.56	cps
Yttrium	89-2	114583	114384	114176	114381	0.18	cps
Zinc	66-2	17	23	23	21	18.21	cps
Zirconium	90-1	400	383	317	367	12.03	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:20:50	DataFile Name :	013CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	108	58	81	31.60	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:24:02 DataFile Name : 014ICSA01_P8011918M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312246	306054	310472	309591	1.03	cps
Antimony	121-1	7828	7661	8044	7844	2.45	cps
Arsenic	75-2	19	35	7	20	68.63	cps
Barium	135-1	2184	2167	2284	2211	2.85	cps
Barium	137-1	3759	3709	4293	3920	8.25	cps
Beryllium	9-1	350	300	228	293	21.00	cps
Bismuth	209-1	3712861	3724017	3748551	3728476	0.49	cps
Bismuth	209-2	858305	858601	860379	859095	0.13	cps
Boron	10-1	517	642	650	603	12.39	cps
Boron	11-1	2742	2884	2567	2731	5.81	cps
Cadmium	111-1	1014	920	1063	999	7.28	cps
Cadmium	106-1	617	675	842	711	16.42	cps
Cadmium	108-1	579	629	675	628	7.63	cps
Calcium	43-1	1179323	1183144	1210885	1191117	1.45	cps
Calcium	44-1	19103201	19110225	19552408	19255278	1.34	cps
Chromium	52-2	9623	9227	9150	9333	2.72	cps
Cobalt	59-2	1310	1193	1180	1228	5.83	cps
Copper	63-2	7205	7342	7289	7279	0.95	cps
Dysprosium	156-1	17	50	67	44	57.28	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	25	58	47	40.76	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	5423164	5442914	5634035	5500038	2.12	cps
Holmium	165-2	1063395	1055232	1055938	1058188	0.43	cps
Indium	115-1	4008426	4032529	4146304	4062420	1.81	cps
Indium	115-2	163299	163738	164048	163695	0.23	cps
Iron	56-2	31894957	31437449	31357183	31563196	0.92	cps
Iron	57-2	811302	803629	802119	805683	0.61	cps
Lead	206-1	22203	22587	23595	22795	3.15	cps
Lead	207-1	17863	18119	17885	17956	0.79	cps
Lead	208-1	85927	86634	86967	86510	0.61	cps
Lithium	6-1	592207	594522	599920	595550	0.66	cps
Magnesium	24-2	1580174	1557461	1565723	1567786	0.73	cps
Manganese	55-2	1100	1013	1027	1047	4.46	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:24:02	DataFile Name :	014ICSA01_P8011918M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2867519	2881432	2978080	2909010	2.07	cps
Molybdenum	95-1	5087118	5116375	5175090	5126194	0.87	cps
Molybdenum	96-1	5420373	5407722	5607893	5478662	2.05	cps
Molybdenum	97-1	3156194	3161904	3242920	3187006	1.52	cps
Molybdenum	98-1	8075174	8120194	8291896	8162422	1.40	cps
Neodymium	150-1	20	27	40	29	35.25	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	1940	2064	1947	1984	3.50	cps
Phosphorus	31-2	24389	22903	23604	23632	3.15	cps
Potassium	39-2	900832	885868	890536	892412	0.86	cps
Rhodium	103-1	3615769	3614062	3672361	3634064	0.91	cps
Rhodium	103-2	923398	918280	913133	918270	0.56	cps
Scandium	45-1	2036319	2057223	2096316	2063286	1.48	cps
Scandium	45-2	15038	15339	14998	15125	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	26	12	-1	12	111.41	cps
Silicon	28-1	421047	421102	420269	420806	0.11	cps
Silver	109-1	508	525	750	594	22.71	cps
Silver	107-1	458	575	542	525	11.45	cps
Sodium	23-2	3663117	3603475	3629332	3631975	0.82	cps
Strontium	86-1	57004	57413	58409	57609	1.25	cps
Strontium	88-1	485115	491652	497474	491413	1.26	cps
Sulfur	34-1	1704501	1701466	1761875	1722614	1.98	cps
Terbium	159-1	5586618	5587940	5637941	5604166	0.52	cps
Terbium	159-2	1017139	1007923	1009036	1011366	0.50	cps
Thallium	203-1	958	825	1142	975	16.31	cps
Thallium	205-1	1900	2167	2275	2114	9.13	cps
Tin	118-1	1142	1167	1175	1161	1.49	cps
Titanium	47-1	1192745	1199164	1232021	1207977	1.74	cps
Uranium	238-1	475	508	500	494	3.51	cps
Vanadium	51-2	50	77	70	66	21.17	cps
Yttrium	89-1	4111060	4164382	4305208	4193550	2.39	cps
Yttrium	89-2	120533	120247	117762	119514	1.27	cps
Zinc	66-2	1067	943	1070	1027	7.03	cps
Zirconium	90-1	567	783	825	725	19.13	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:24:02	DataFile Name :	014ICSA01_P8011918M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	167	300	211	36.46	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:27:10	DataFile Name :	015ICSB_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302394	299906	296788	299696	0.94	cps
Antimony	121-1	141831	143429	142825	142695	0.57	cps
Arsenic	75-2	1348	1330	1285	1321	2.45	cps
Barium	135-1	31564	31012	31012	31196	1.02	cps
Barium	137-1	54489	54438	54471	54466	0.05	cps
Beryllium	9-1	13974	13445	14046	13822	2.37	cps
Bismuth	209-1	3853545	3785243	3836720	3825170	0.93	cps
Bismuth	209-2	859398	857047	852723	856389	0.40	cps
Boron	10-1	4042	4134	3926	4034	2.59	cps
Boron	11-1	18955	18947	19105	19002	0.47	cps
Cadmium	111-1	28067	28329	28267	28221	0.49	cps
Cadmium	106-1	3876	4176	3926	3992	4.03	cps
Cadmium	108-1	2796	2996	2871	2888	3.50	cps
Calcium	43-1	1216158	1199022	1201449	1205543	0.77	cps
Calcium	44-1	19551761	19564031	19332572	19482788	0.67	cps
Chromium	52-2	18189	18089	18239	18172	0.42	cps
Cobalt	59-2	21634	21988	22622	22081	2.27	cps
Copper	63-2	25540	25510	24812	25288	1.63	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	42	25	67	44	47.19	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	5663078	5616474	5627730	5635761	0.43	cps
Holmium	165-2	1064437	1051383	1046534	1054118	0.88	cps
Indium	115-1	4177404	4168030	4173886	4173106	0.11	cps
Indium	115-2	161995	161086	159967	161016	0.63	cps
Iron	56-2	30909878	30967260	30805967	30894368	0.26	cps
Iron	57-2	787243	786549	779641	784478	0.54	cps
Lead	206-1	119322	117871	118352	118515	0.62	cps
Lead	207-1	100300	98570	98384	99085	1.07	cps
Lead	208-1	463258	457461	459065	459928	0.65	cps
Lithium	6-1	603530	603248	605461	604080	0.20	cps
Magnesium	24-2	1540764	1537020	1527365	1535050	0.45	cps
Manganese	55-2	3727	3711	3637	3692	1.30	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:27:10	DataFile Name :	015ICSB_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3186197	3170201	3163664	3173354	0.37	cps
Molybdenum	95-1	5364464	5313392	5303626	5327160	0.61	cps
Molybdenum	96-1	5696438	5666374	5681175	5681329	0.26	cps
Molybdenum	97-1	3296732	3298473	3314855	3303353	0.30	cps
Molybdenum	98-1	8456537	8469113	8532826	8486159	0.48	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7836	7589	7916	7780	2.19	cps
Phosphorus	31-2	22727	22627	22644	22666	0.24	cps
Potassium	39-2	878005	869319	865146	870823	0.75	cps
Rhodium	103-1	3698644	3692646	3697150	3696147	0.08	cps
Rhodium	103-2	916034	911086	904689	910603	0.62	cps
Scandium	45-1	2121002	2098860	2117658	2112507	0.57	cps
Scandium	45-2	15018	14945	14404	14789	2.27	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	46	28	30	35	29.51	cps
Selenium	82-1	1585	1625	1645	1619	1.90	cps
Silicon	28-1	530102	526196	532162	529486	0.57	cps
Silver	109-1	121848	122942	121426	122072	0.64	cps
Silver	107-1	128466	128415	128728	128536	0.13	cps
Sodium	23-2	3472327	3534885	3506515	3504576	0.89	cps
Strontium	86-1	136661	135677	135920	136086	0.38	cps
Strontium	88-1	1176012	1168866	1172032	1172304	0.31	cps
Sulfur	34-1	1713447	1697103	1704660	1705070	0.48	cps
Terbium	159-1	5718302	5788298	5774901	5760501	0.64	cps
Terbium	159-2	1013130	1009314	1001769	1008071	0.57	cps
Thallium	203-1	115624	116244	115361	115743	0.39	cps
Thallium	205-1	284550	280969	276089	280536	1.51	cps
Tin	118-1	204179	205091	202943	204071	0.53	cps
Titanium	47-1	1287857	1270309	1284317	1280828	0.72	cps
Uranium	238-1	902406	892690	893705	896267	0.60	cps
Vanadium	51-2	6835	6655	6945	6812	2.15	cps
Yttrium	89-1	4294162	4295629	4279672	4289821	0.21	cps
Yttrium	89-2	119614	116700	117423	117912	1.29	cps
Zinc	66-2	2777	2650	2620	2683	3.10	cps
Zirconium	90-1	428270	433915	426832	429672	0.87	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:27:10	DataFile Name :	015ICSB_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	98069	95920	96265	96751	1.19	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:34:42	DataFile Name :	017CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172284	174088	171498	172623	0.77	cps
Antimony	121-1	3437418	3428401	3437114	3434311	0.15	cps
Arsenic	75-2	33780	33487	33914	33727	0.65	cps
Barium	135-1	3622081	3618174	3607562	3615939	0.21	cps
Barium	137-1	6366026	6318374	6328401	6337600	0.40	cps
Beryllium	9-1	352894	350864	351063	351607	0.32	cps
Bismuth	209-1	3755066	3807068	3788656	3783597	0.70	cps
Bismuth	209-2	848740	847923	840946	845870	0.51	cps
Boron	10-1	39865	41369	41252	40828	2.05	cps
Boron	11-1	187991	192423	190624	190346	1.17	cps
Cadmium	111-1	690313	686695	685105	687371	0.39	cps
Cadmium	106-1	70686	69581	70250	70172	0.79	cps
Cadmium	108-1	48985	48634	49215	48944	0.60	cps
Calcium	43-1	3095633	3076426	3082976	3085012	0.32	cps
Calcium	44-1	49449234	49599301	49570887	49539807	0.16	cps
Chromium	52-2	241046	241603	241555	241401	0.13	cps
Cobalt	59-2	521308	523773	527155	524079	0.56	cps
Copper	63-2	902704	900973	897082	900253	0.32	cps
Dysprosium	156-1	58	100	83	81	26.03	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	83	83	42	69	34.64	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	5579107	5626907	5675271	5627095	0.85	cps
Holmium	165-2	1060099	1054020	1052118	1055412	0.39	cps
Indium	115-1	4107501	4067883	4166082	4113822	1.20	cps
Indium	115-2	159908	159704	157563	159058	0.82	cps
Iron	56-2	39589644	39924468	39599195	39704436	0.48	cps
Iron	57-2	1012222	1010699	1010373	1011098	0.10	cps
Lead	206-1	2400416	2412691	2371161	2394756	0.89	cps
Lead	207-1	2199694	2212359	2221296	2211116	0.49	cps
Lead	208-1	9753411	9872516	9784555	9803494	0.63	cps
Lithium	6-1	611227	612971	616942	613713	0.48	cps
Magnesium	24-2	4019286	3999943	3972562	3997264	0.59	cps
Manganese	55-2	138535	137024	136587	137382	0.74	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:34:42	DataFile Name :	017CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5502640	5479732	5429275	5470549	0.69	cps
Molybdenum	95-1	6760625	6716735	6726711	6734690	0.34	cps
Molybdenum	96-1	7521288	7441315	7428001	7463535	0.68	cps
Molybdenum	97-1	4153317	4168873	4179765	4167318	0.32	cps
Molybdenum	98-1	10838969	10762972	10743646	10781862	0.47	cps
Neodymium	150-1	180	193	140	171	16.22	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	153272	153741	152211	153075	0.51	cps
Phosphorus	31-2	2617	2350	2475	2481	5.38	cps
Potassium	39-2	1156678	1151564	1158318	1155520	0.30	cps
Rhodium	103-1	3611159	3653169	3670719	3645015	0.84	cps
Rhodium	103-2	900666	895533	890995	895731	0.54	cps
Scandium	45-1	2111702	2130663	2169438	2137268	1.38	cps
Scandium	45-2	15495	16146	15068	15570	3.49	cps
Selenium	77-2	157	213	193	188	15.31	cps
Selenium	78-2	741	756	824	773	5.75	cps
Selenium	82-1	42552	42542	42119	42404	0.58	cps
Silicon	28-1	1505768	1516173	1504412	1508785	0.43	cps
Silver	109-1	3231275	3193061	3184262	3202866	0.78	cps
Silver	107-1	3318784	3291223	3328615	3312874	0.59	cps
Sodium	23-2	9185761	9190113	9244161	9206679	0.35	cps
Strontium	86-1	887874	875426	876413	879904	0.79	cps
Strontium	88-1	7591312	7571732	7517082	7560042	0.51	cps
Sulfur	34-1	474209	477375	470535	474040	0.72	cps
Terbium	159-1	5747163	5797286	5755561	5766670	0.47	cps
Terbium	159-2	1006466	1010660	998360	1005162	0.62	cps
Thallium	203-1	2935653	2940909	2911557	2929373	0.53	cps
Thallium	205-1	6957284	6999725	6941990	6966333	0.43	cps
Tin	118-1	2324853	2321638	2312461	2319651	0.28	cps
Titanium	47-1	1621083	1577530	1578077	1592230	1.57	cps
Uranium	238-1	10105982	10333083	10042065	10160376	1.51	cps
Vanadium	51-2	183193	184459	184460	184037	0.40	cps
Yttrium	89-1	4294142	4298089	4353178	4315137	0.76	cps
Yttrium	89-2	118986	118145	117392	118174	0.67	cps
Zinc	66-2	83650	83888	84921	84153	0.80	cps
Zirconium	90-1	4618036	4581758	4602790	4600861	0.40	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:34:42	DataFile Name :	017CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1018614	1016217	1006988	1013940	0.61	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:37:54	DataFile Name :	018CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	33	0	11	173.21	cps
Antimony	121-1	2109	2142	1984	2078	4.02	cps
Arsenic	75-2	9	6	4	6	45.85	cps
Barium	135-1	42	50	42	44	10.82	cps
Barium	137-1	67	75	100	81	21.53	cps
Beryllium	9-1	461	356	378	398	13.98	cps
Bismuth	209-1	3997714	3973217	3958898	3976610	0.49	cps
Bismuth	209-2	897064	894506	890760	894110	0.35	cps
Boron	10-1	1483	1500	1383	1456	4.34	cps
Boron	11-1	7394	6860	6819	7024	4.57	cps
Cadmium	111-1	518	585	563	555	6.13	cps
Cadmium	106-1	667	717	725	703	4.49	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	775	625	608	669	13.71	cps
Calcium	44-1	13440	12881	12690	13004	3.00	cps
Chromium	52-2	240	223	260	241	7.61	cps
Cobalt	59-2	57	73	87	72	20.81	cps
Copper	63-2	137	117	117	123	9.36	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	42	17	42	33	43.30	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5610315	5614207	5597457	5607326	0.16	cps
Holmium	165-2	1064053	1050186	1052376	1055538	0.71	cps
Indium	115-1	4271719	4269701	4251116	4264179	0.27	cps
Indium	115-2	168681	168622	166662	167988	0.68	cps
Iron	56-2	3378	3401	3339	3373	0.92	cps
Iron	57-2	83	100	83	89	10.82	cps
Lead	206-1	867	933	883	895	3.88	cps
Lead	207-1	711	783	789	761	5.70	cps
Lead	208-1	3256	3556	3423	3411	4.41	cps
Lithium	6-1	637956	633056	631697	634236	0.52	cps
Magnesium	24-2	358	275	92	242	56.45	cps
Manganese	55-2	33	23	13	23	42.86	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:37:54	DataFile Name :	018CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	467	467	456	4.22	cps
Molybdenum	95-1	550	442	550	514	12.17	cps
Molybdenum	96-1	650	667	508	608	14.30	cps
Molybdenum	97-1	333	450	300	361	21.81	cps
Molybdenum	98-1	817	825	817	820	0.59	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	333	420	404	16.01	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2175	2284	1984	2147	7.07	cps
Rhodium	103-1	3897789	3928099	3866822	3897570	0.79	cps
Rhodium	103-2	955861	957450	948158	953823	0.52	cps
Scandium	45-1	2171750	2144038	2133956	2149915	0.91	cps
Scandium	45-2	15459	15479	15235	15391	0.88	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	15	0	-81	-22	-239.13	cps
Silicon	28-1	332895	325147	324946	327663	1.38	cps
Silver	109-1	200	292	150	214	33.59	cps
Silver	107-1	267	250	250	256	3.76	cps
Sodium	23-2	9353	9670	9504	9509	1.67	cps
Strontium	86-1	375	550	575	500	21.80	cps
Strontium	88-1	158	175	125	153	16.66	cps
Sulfur	34-1	294744	300049	299212	298002	0.96	cps
Terbium	159-1	5760760	5797263	5702861	5753628	0.83	cps
Terbium	159-2	1018766	1013674	1007499	1013313	0.56	cps
Thallium	203-1	1175	1092	1292	1186	8.47	cps
Thallium	205-1	2709	2900	2717	2775	3.90	cps
Tin	118-1	908	1083	700	897	21.39	cps
Titanium	47-1	100	67	133	100	33.33	cps
Uranium	238-1	150	192	117	153	24.60	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Yttrium	89-1	4371635	4314487	4319829	4335317	0.73	cps
Yttrium	89-2	120274	120997	119164	120145	0.77	cps
Zinc	66-2	33	33	30	32	5.97	cps
Zirconium	90-1	450	450	467	456	2.11	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:37:54	DataFile Name :	018CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	100	100	97	4.95	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:41:05	DataFile Name :	019SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	117	50	78	44.61	cps
Antimony	121-1	13065	12798	13382	13082	2.23	cps
Arsenic	75-2	57	72	94	75	24.96	cps
Barium	135-1	13466	13332	12490	13096	4.04	cps
Barium	137-1	21827	23213	23488	22843	3.90	cps
Beryllium	9-1	1017	933	850	933	8.93	cps
Bismuth	209-1	3941464	3899867	3889820	3910384	0.70	cps
Bismuth	209-2	890277	887225	891781	889761	0.26	cps
Boron	10-1	2292	2559	2442	2431	5.50	cps
Boron	11-1	11397	12164	12773	12111	5.69	cps
Cadmium	111-1	1689	1801	1893	1794	5.70	cps
Cadmium	106-1	942	850	883	892	5.20	cps
Cadmium	108-1	100	88	83	90	9.60	cps
Calcium	43-1	5927	6285	6243	6152	3.19	cps
Calcium	44-1	105093	104009	104529	104544	0.52	cps
Chromium	52-2	1143	1080	1030	1085	5.24	cps
Cobalt	59-2	967	1047	1207	1073	11.39	cps
Copper	63-2	1893	1984	1980	1952	2.61	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	25	33	8	22	57.30	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5535006	5514309	5523084	5524133	0.19	cps
Holmium	165-2	1041776	1046077	1042002	1043285	0.23	cps
Indium	115-1	4243961	4188454	4213043	4215153	0.66	cps
Indium	115-2	164829	163959	165099	164629	0.36	cps
Iron	56-2	18685	18618	17912	18405	2.33	cps
Iron	57-2	433	578	406	472	19.58	cps
Lead	206-1	5157	4896	4796	4949	3.77	cps
Lead	207-1	4807	4807	4812	4808	0.07	cps
Lead	208-1	21513	20746	20963	21074	1.88	cps
Lithium	6-1	622757	627463	618640	622953	0.71	cps
Magnesium	24-2	8061	7602	7944	7869	3.03	cps
Manganese	55-2	160	183	187	177	8.23	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:41:05	DataFile Name :	019SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10563	10421	10296	10427	1.28	cps
Molybdenum	95-1	12898	11872	12073	12281	4.43	cps
Molybdenum	96-1	14308	14567	13783	14219	2.81	cps
Molybdenum	97-1	8011	7711	8136	7953	2.75	cps
Molybdenum	98-1	20725	20408	20099	20411	1.53	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	730	683	630	681	7.35	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	6260	6152	6418	6277	2.14	cps
Rhodium	103-1	3810251	3756911	3768188	3778450	0.74	cps
Rhodium	103-2	942243	940385	938662	940430	0.19	cps
Scandium	45-1	2089835	2127079	2105255	2107390	0.89	cps
Scandium	45-2	15205	15038	15315	15186	0.92	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	19	7	11	12	45.82	cps
Selenium	82-1	413	409	350	391	9.04	cps
Silicon	28-1	360687	362216	361289	361397	0.21	cps
Silver	109-1	6694	6569	6152	6471	4.39	cps
Silver	107-1	6452	6527	6243	6407	2.29	cps
Sodium	23-2	26267	25257	25807	25777	1.96	cps
Strontium	86-1	2092	1650	2150	1964	13.92	cps
Strontium	88-1	14408	14241	14091	14247	1.11	cps
Sulfur	34-1	300481	295310	298183	297991	0.87	cps
Terbium	159-1	5681476	5687453	5709548	5692826	0.26	cps
Terbium	159-2	1003057	1001279	995548	999961	0.39	cps
Thallium	203-1	6402	6193	5877	6157	4.30	cps
Thallium	205-1	14751	14175	14108	14345	2.46	cps
Tin	118-1	21243	21276	21969	21496	1.91	cps
Titanium	47-1	3117	3059	2867	3014	4.34	cps
Uranium	238-1	18823	18156	18047	18342	2.29	cps
Vanadium	51-2	1657	1887	1900	1815	7.54	cps
Yttrium	89-1	4274209	4228690	4265563	4256154	0.57	cps
Yttrium	89-2	117877	117498	118435	117936	0.40	cps
Zinc	66-2	203	163	227	198	16.19	cps
Zirconium	90-1	8478	9137	9145	8920	4.29	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:41:05	DataFile Name :	019SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2142	1967	2084	2064	4.32	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : PB105805BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:45:03 DataFile Name : 020CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	25	19	49.50	cps
Antimony	121-1	317	492	467	425	22.27	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	50	0	42	31	87.67	cps
Barium	137-1	25	50	25	33	43.30	cps
Beryllium	9-1	200	139	200	180	19.64	cps
Bismuth	209-1	4011711	3992380	3954208	3986100	0.73	cps
Bismuth	209-2	897682	900711	891308	896567	0.54	cps
Boron	10-1	683	650	692	675	3.27	cps
Boron	11-1	2850	3109	2892	2950	4.70	cps
Cadmium	111-1	522	564	564	550	4.42	cps
Cadmium	106-1	742	792	792	775	3.73	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	533	642	608	594	9.33	cps
Calcium	44-1	12489	12306	12656	12484	1.40	cps
Chromium	52-2	260	203	207	223	14.24	cps
Cobalt	59-2	63	33	43	47	32.74	cps
Copper	63-2	133	87	70	97	33.96	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5650638	5614432	5644975	5636682	0.35	cps
Holmium	165-2	1053783	1052632	1058062	1054826	0.27	cps
Indium	115-1	4212831	4319976	4233020	4255276	1.34	cps
Indium	115-2	167134	169477	165199	167270	1.28	cps
Iron	56-2	2278	2300	2661	2413	8.92	cps
Iron	57-2	83	72	72	76	8.46	cps
Lead	206-1	656	544	672	624	11.13	cps
Lead	207-1	550	567	511	543	5.25	cps
Lead	208-1	2539	2339	2511	2463	4.40	cps
Lithium	6-1	635890	639184	630925	635333	0.65	cps
Magnesium	24-2	308	183	200	231	29.44	cps
Manganese	55-2	20	7	20	16	49.47	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:45:03	DataFile Name :	020CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	133	142	172	35.01	cps
Molybdenum	95-1	125	92	117	111	15.61	cps
Molybdenum	96-1	117	125	192	144	28.46	cps
Molybdenum	97-1	67	83	92	81	15.80	cps
Molybdenum	98-1	117	217	142	158	32.87	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	433	437	353	408	11.57	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1842	1900	1834	1859	1.95	cps
Rhodium	103-1	3858503	3934394	3837593	3876830	1.31	cps
Rhodium	103-2	953516	953199	942456	949724	0.66	cps
Scandium	45-1	2136809	2110567	2136036	2127804	0.70	cps
Scandium	45-2	15198	14738	14775	14904	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	22	4	19	15	62.25	cps
Silicon	28-1	319997	315473	317535	317668	0.71	cps
Silver	109-1	92	92	117	100	14.43	cps
Silver	107-1	133	133	83	117	24.74	cps
Sodium	23-2	8403	8528	8119	8350	2.51	cps
Strontium	86-1	500	600	400	500	20.00	cps
Strontium	88-1	100	75	117	97	21.57	cps
Sulfur	34-1	299861	300745	298490	299699	0.38	cps
Terbium	159-1	5708437	5765148	5721346	5731644	0.52	cps
Terbium	159-2	1011328	1007029	1002403	1006920	0.44	cps
Thallium	203-1	550	442	492	494	10.97	cps
Thallium	205-1	1150	1083	1308	1181	9.79	cps
Tin	118-1	567	450	592	536	14.10	cps
Titanium	47-1	100	175	100	125	34.64	cps
Uranium	238-1	8	83	42	44	84.56	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	4274702	4312127	4308181	4298337	0.48	cps
Yttrium	89-2	119904	119033	118129	119022	0.75	cps
Zinc	66-2	13	17	17	16	12.40	cps
Zirconium	90-1	325	217	375	306	26.49	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:45:03	DataFile Name :	020CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	42	58	28.57	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : PB105805BS Instrumnet Name : P8
 Client Sample ID : LCS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 14:48:14 DataFile Name : 021LCSE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	200	147	32.19	cps
Antimony	121-1	27195	25784	25742	26241	3.15	cps
Arsenic	75-2	141	128	117	128	9.38	cps
Barium	135-1	27029	26828	26536	26798	0.92	cps
Barium	137-1	47370	46867	47386	47208	0.62	cps
Beryllium	9-1	1533	1467	1522	1508	2.37	cps
Bismuth	209-1	3965103	3959399	3927277	3950593	0.52	cps
Bismuth	209-2	894987	892830	791943	859920	6.85	cps
Boron	10-1	3934	3892	3901	3909	0.56	cps
Boron	11-1	18396	18521	18312	18410	0.57	cps
Cadmium	111-1	3069	3092	3431	3198	6.34	cps
Cadmium	106-1	875	1000	1175	1017	14.82	cps
Cadmium	108-1	188	196	208	197	5.32	cps
Calcium	43-1	12364	12331	11814	12170	2.54	cps
Calcium	44-1	197656	202635	201027	200439	1.27	cps
Chromium	52-2	2197	2007	2284	2162	6.55	cps
Cobalt	59-2	2090	2090	2220	2134	3.52	cps
Copper	63-2	3754	3617	4037	3803	5.64	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	100	25	50	86.61	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	5642066	5557045	5594705	5597939	0.76	cps
Holmium	165-2	1061806	1049708	929441	1013652	7.22	cps
Indium	115-1	4275199	4239708	4243564	4252824	0.46	cps
Indium	115-2	167062	163670	146771	159168	6.83	cps
Iron	56-2	140979	140763	140501	140748	0.17	cps
Iron	57-2	3784	3334	3762	3627	7.00	cps
Lead	206-1	9949	10076	9971	9999	0.68	cps
Lead	207-1	8898	8942	9281	9041	2.32	cps
Lead	208-1	40504	40382	40704	40530	0.40	cps
Lithium	6-1	632589	627902	630058	630183	0.37	cps
Magnesium	24-2	15960	15634	15659	15751	1.15	cps
Manganese	55-2	273	347	280	300	13.52	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:48:14	DataFile Name :	021LCSE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21092	20833	20132	20686	2.40	cps
Molybdenum	95-1	25617	24548	24890	25018	2.18	cps
Molybdenum	96-1	28205	27938	27755	27966	0.81	cps
Molybdenum	97-1	15409	15902	15668	15660	1.57	cps
Molybdenum	98-1	40277	39768	41381	40475	2.04	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1140	1213	1213	1189	3.56	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	10796	10796	10838	10810	0.22	cps
Rhodium	103-1	3866949	3883758	3853787	3868165	0.39	cps
Rhodium	103-2	951119	945000	843156	913092	6.64	cps
Scandium	45-1	2130552	2130173	2107395	2122707	0.62	cps
Scandium	45-2	14831	15389	13587	14602	6.32	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	17	17	22	19	17.30	cps
Selenium	82-1	797	852	821	823	3.34	cps
Silicon	28-1	387684	383112	391453	387416	1.08	cps
Silver	109-1	12123	12456	12857	12478	2.95	cps
Silver	107-1	13491	13299	13866	13552	2.13	cps
Sodium	23-2	41587	43066	44053	42902	2.89	cps
Strontium	86-1	3884	3659	3717	3753	3.11	cps
Strontium	88-1	28497	28873	28372	28581	0.91	cps
Sulfur	34-1	300042	298641	297605	298762	0.41	cps
Terbium	159-1	5755250	5732399	5706360	5731336	0.43	cps
Terbium	159-2	1017511	1005452	893501	972154	7.03	cps
Thallium	203-1	11806	11422	11864	11698	2.05	cps
Thallium	205-1	27999	28057	27840	27965	0.40	cps
Tin	118-1	42301	43237	43973	43170	1.94	cps
Titanium	47-1	6268	5901	6102	6090	3.02	cps
Uranium	238-1	36563	39088	36538	37396	3.92	cps
Vanadium	51-2	3344	3444	3284	3357	2.41	cps
Yttrium	89-1	4284080	4310099	4289071	4294417	0.32	cps
Yttrium	89-2	119927	119221	105655	114934	7.00	cps
Zinc	66-2	410	380	407	399	4.12	cps
Zirconium	90-1	18313	18221	18155	18230	0.44	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PB105805BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:48:14	DataFile Name :	021LCSE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3926	3876	3809	3870	1.51	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:51:58	DataFile Name :	022SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	342	442	400	13.01	cps
Antimony	121-1	3234	3659	3251	3381	7.13	cps
Arsenic	75-2	41	48	52	47	12.06	cps
Barium	135-1	1748921	1720114	1767027	1745354	1.36	cps
Barium	137-1	3064389	3019026	3079659	3054358	1.03	cps
Beryllium	9-1	183	89	172	148	34.84	cps
Bismuth	209-1	4000757	3953015	4074118	4009297	1.52	cps
Bismuth	209-2	916428	918907	918877	918071	0.15	cps
Boron	10-1	617	767	575	653	15.44	cps
Boron	11-1	3184	3050	3000	3078	3.08	cps
Cadmium	111-1	766	896	801	821	8.16	cps
Cadmium	106-1	717	858	742	772	9.79	cps
Cadmium	108-1	21	25	38	28	31.23	cps
Calcium	43-1	5322010	5381730	5425291	5376344	0.96	cps
Calcium	44-1	86295662	86552229	87362096	86736662	0.64	cps
Chromium	52-2	753	773	693	740	5.63	cps
Cobalt	59-2	267	233	293	264	11.37	cps
Copper	63-2	120707	118532	120545	119928	1.01	cps
Dysprosium	156-1	1200	1092	1058	1117	6.63	cps
Dysprosium	156-2	217	207	240	221	7.74	cps
Erbium	164-1	892	892	1000	928	6.74	cps
Erbium	164-2	213	183	160	186	14.41	cps
Gadolinium	160-1	783	1142	1075	1000	19.06	cps
Gadolinium	160-2	257	257	283	266	5.80	cps
Holmium	165-1	5766698	5773815	5860595	5800369	0.90	cps
Holmium	165-2	1116406	1115050	1116455	1115970	0.07	cps
Indium	115-1	4352363	4394568	4422858	4389929	0.81	cps
Indium	115-2	176173	173512	173269	174318	0.92	cps
Iron	56-2	242514	239119	237692	239775	1.03	cps
Iron	57-2	6140	5835	5840	5938	2.95	cps
Lead	206-1	10374063	10405427	10491020	10423503	0.58	cps
Lead	207-1	8241215	8315905	8403732	8320284	0.98	cps
Lead	208-1	38892078	39170960	39492620	39185220	0.77	cps
Lithium	6-1	631905	631887	638806	634199	0.63	cps
Magnesium	24-2	850	800	767	806	5.21	cps
Manganese	55-2	1353	1207	1343	1301	6.30	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:51:58	DataFile Name :	022SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1535	1125	2587	1749	43.13	cps
Molybdenum	95-1	658	775	675	703	8.98	cps
Molybdenum	96-1	858	883	883	875	1.65	cps
Molybdenum	97-1	325	517	467	436	22.80	cps
Molybdenum	98-1	958	1050	792	933	14.03	cps
Neodymium	150-1	1714	1727	1854	1765	4.38	cps
Neodymium	150-2	167	183	170	173	5.09	cps
Nickel	60-2	860	903	907	890	2.93	cps
Phosphorus	31-2	33	42	17	31	41.66	cps
Potassium	39-2	2734	2609	2575	2639	3.16	cps
Rhodium	103-1	3951362	3904381	3940372	3932038	0.62	cps
Rhodium	103-2	979812	980204	980671	980229	0.04	cps
Scandium	45-1	2205367	2198044	2212630	2205347	0.33	cps
Scandium	45-2	15235	15509	15495	15413	1.00	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	61	6	81	49	79.59	cps
Silicon	28-1	1089608	815962	988121	964564	14.34	cps
Silver	109-1	2467	2917	2859	2748	8.91	cps
Silver	107-1	2851	2684	3151	2895	8.17	cps
Sodium	23-2	13999	14792	14183	14324	2.90	cps
Strontium	86-1	365680	375154	377365	372733	1.67	cps
Strontium	88-1	3258886	3289009	3309145	3285680	0.77	cps
Sulfur	34-1	5566074	5529772	5594837	5563561	0.59	cps
Terbium	159-1	5906652	5917916	5981303	5935290	0.68	cps
Terbium	159-2	1072023	1064131	1062845	1066333	0.47	cps
Thallium	203-1	1433	1425	1467	1442	1.53	cps
Thallium	205-1	3567	3451	3342	3453	3.26	cps
Tin	118-1	58942	90116	61323	70127	24.74	cps
Titanium	47-1	6085	7027	9002	7372	20.19	cps
Uranium	238-1	3751	3626	3784	3720	2.25	cps
Vanadium	51-2	2277	2180	2060	2172	5.00	cps
Yttrium	89-1	4454008	4493452	4553914	4500458	1.12	cps
Yttrium	89-2	127229	125668	125786	126228	0.69	cps
Zinc	66-2	1503	1533	1417	1485	4.08	cps
Zirconium	90-1	2300	2309	2876	2495	13.22	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:51:58	DataFile Name :	022SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	542	625	550	12.95	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:55:05	DataFile Name :	023SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	317	458	361	23.34	cps
Antimony	121-1	2042	1934	1975	1984	2.75	cps
Arsenic	75-2	13	30	17	20	44.31	cps
Barium	135-1	735822	737282	726514	733206	0.80	cps
Barium	137-1	1277469	1276245	1269849	1274521	0.32	cps
Beryllium	9-1	111	183	83	126	40.99	cps
Bismuth	209-1	4001843	4157921	4107040	4088935	1.95	cps
Bismuth	209-2	926187	924876	916371	922478	0.58	cps
Boron	10-1	517	425	542	494	12.42	cps
Boron	11-1	2792	2367	2384	2514	9.58	cps
Cadmium	111-1	1621	1704	1675	1667	2.51	cps
Cadmium	106-1	850	900	908	886	3.56	cps
Cadmium	108-1	88	79	129	99	27.17	cps
Calcium	43-1	4883340	4872148	4756159	4837216	1.46	cps
Calcium	44-1	79316156	78313206	77442706	78357356	1.20	cps
Chromium	52-2	617	667	597	627	5.75	cps
Cobalt	59-2	287	287	297	290	1.99	cps
Copper	63-2	79782	78812	78648	79081	0.77	cps
Dysprosium	156-1	1000	1033	1183	1072	9.11	cps
Dysprosium	156-2	230	200	243	224	9.89	cps
Erbium	164-1	1025	1267	967	1086	14.65	cps
Erbium	164-2	180	180	213	191	10.07	cps
Gadolinium	160-1	1033	975	1017	1008	2.98	cps
Gadolinium	160-2	313	310	273	299	7.43	cps
Holmium	165-1	5870464	6024038	5897003	5930501	1.38	cps
Holmium	165-2	1121987	1118883	1103988	1114953	0.86	cps
Indium	115-1	4443539	4622213	4518802	4528185	1.98	cps
Indium	115-2	175089	177769	172345	175067	1.55	cps
Iron	56-2	137951	138941	146933	141275	3.49	cps
Iron	57-2	3478	3184	3528	3397	5.48	cps
Lead	206-1	2073956	2036412	2055488	2055286	0.91	cps
Lead	207-1	1585689	1587804	1552059	1575184	1.27	cps
Lead	208-1	7745665	7734622	7639375	7706554	0.76	cps
Lithium	6-1	668120	680916	678057	675698	0.99	cps
Magnesium	24-2	642	825	783	750	12.81	cps
Manganese	55-2	873	903	837	871	3.83	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:55:05	DataFile Name :	023SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1317	1142	2205	1555	36.68	cps
Molybdenum	95-1	208	225	158	197	17.59	cps
Molybdenum	96-1	450	575	492	506	12.60	cps
Molybdenum	97-1	167	83	125	125	33.33	cps
Molybdenum	98-1	275	217	392	294	30.26	cps
Neodymium	150-1	1527	1700	1780	1669	7.76	cps
Neodymium	150-2	220	213	190	208	7.58	cps
Nickel	60-2	1010	857	843	903	10.25	cps
Phosphorus	31-2	33	25	17	25	33.34	cps
Potassium	39-2	2475	2459	2367	2434	2.40	cps
Rhodium	103-1	3956173	4053430	4042843	4017482	1.33	cps
Rhodium	103-2	988767	993020	983642	988476	0.48	cps
Scandium	45-1	2207103	2257499	2221879	2228827	1.16	cps
Scandium	45-2	15953	16009	15669	15877	1.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	102	45	33	60	61.60	cps
Silicon	28-1	668691	586893	698572	651385	8.88	cps
Silver	109-1	1458	1408	1559	1475	5.18	cps
Silver	107-1	1425	1659	1659	1581	8.52	cps
Sodium	23-2	16368	16118	16902	16463	2.43	cps
Strontium	86-1	698390	703218	697246	699618	0.45	cps
Strontium	88-1	6100321	6084981	6057641	6080981	0.36	cps
Sulfur	34-1	5076385	5159746	5048285	5094805	1.14	cps
Terbium	159-1	6033692	6044001	6064986	6047559	0.26	cps
Terbium	159-2	1069398	1073947	1055460	1066268	0.90	cps
Thallium	203-1	783	700	817	767	7.84	cps
Thallium	205-1	1817	1834	2125	1925	9.01	cps
Tin	118-1	37428	36593	37128	37050	1.14	cps
Titanium	47-1	5177	4327	3352	4285	21.32	cps
Uranium	238-1	1792	1383	1509	1561	13.40	cps
Vanadium	51-2	367	393	427	396	7.60	cps
Yttrium	89-1	4509700	4668652	4631608	4603320	1.81	cps
Yttrium	89-2	126436	127007	125315	126253	0.68	cps
Zinc	66-2	5408	5531	5585	5508	1.65	cps
Zirconium	90-1	2526	3086	2709	2773	10.30	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:55:05	DataFile Name :	023SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	884	608	1000	831	24.22	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:58:14	DataFile Name :	024SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1175	1125	1325	1208	8.61	cps
Antimony	121-1	6302	7127	7086	6838	6.80	cps
Arsenic	75-2	607	572	685	622	9.30	cps
Barium	135-1	2765908	2860031	2773841	2799927	1.86	cps
Barium	137-1	5747954	4715398	4609609	5024320	12.52	cps
Beryllium	9-1	183	172	183	180	3.57	cps
Bismuth	209-1	4116193	4102924	4105000	4108039	0.17	cps
Bismuth	209-2	899651	893575	898532	897253	0.36	cps
Boron	10-1	525	492	608	542	11.09	cps
Boron	11-1	2225	2017	2209	2150	5.38	cps
Cadmium	111-1	993	1049	1035	1026	2.88	cps
Cadmium	106-1	783	825	783	797	3.02	cps
Cadmium	108-1	50	58	25	44	39.04	cps
Calcium	43-1	4565995	4526184	4499861	4530680	0.73	cps
Calcium	44-1	73097887	72955741	71919004	72657544	0.89	cps
Chromium	52-2	1073	1063	1150	1096	4.33	cps
Cobalt	59-2	327	280	350	319	11.18	cps
Copper	63-2	50913	50776	50689	50793	0.22	cps
Dysprosium	156-1	2025	2167	1984	2059	4.67	cps
Dysprosium	156-2	357	410	427	398	9.19	cps
Erbium	164-1	2017	2034	1934	1995	2.69	cps
Erbium	164-2	310	370	353	344	8.99	cps
Gadolinium	160-1	1984	1825	1967	1925	4.52	cps
Gadolinium	160-2	480	493	433	469	6.72	cps
Holmium	165-1	5883795	5882701	5814735	5860410	0.68	cps
Holmium	165-2	1086442	1069949	1077264	1077885	0.77	cps
Indium	115-1	4493343	4428626	4453281	4458417	0.73	cps
Indium	115-2	169252	166378	166363	167331	0.99	cps
Iron	56-2	754469	751197	751889	752518	0.23	cps
Iron	57-2	19036	18719	19091	18949	1.06	cps
Lead	206-1	6367342	6383106	6275034	6341827	0.92	cps
Lead	207-1	5558934	5612111	5520912	5563986	0.82	cps
Lead	208-1	25275151	25575381	25101299	25317277	0.95	cps
Lithium	6-1	658156	655311	652505	655324	0.43	cps
Magnesium	24-2	1317	1367	1292	1325	2.88	cps
Manganese	55-2	1590	1710	1680	1660	3.76	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:58:14	DataFile Name :	024SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5434	2442	2794	3557	45.98	cps
Molybdenum	95-1	725	558	658	647	12.96	cps
Molybdenum	96-1	1017	1050	1058	1042	2.12	cps
Molybdenum	97-1	467	550	458	492	10.31	cps
Molybdenum	98-1	1100	1217	1133	1150	5.23	cps
Neodymium	150-1	3454	3574	3147	3392	6.49	cps
Neodymium	150-2	373	363	367	368	1.38	cps
Nickel	60-2	1113	1070	1170	1118	4.49	cps
Phosphorus	31-2	17	25	42	28	45.82	cps
Potassium	39-2	2275	2042	2367	2228	7.52	cps
Rhodium	103-1	4041719	3979160	3942799	3987893	1.25	cps
Rhodium	103-2	959342	948397	948547	952096	0.66	cps
Scandium	45-1	2221329	2197898	2163464	2194230	1.33	cps
Scandium	45-2	15052	15102	14978	15044	0.41	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	88	72	105	88	18.32	cps
Silicon	28-1	1168022	1227020	1937801	1444281	29.66	cps
Silver	109-1	1183	1308	1375	1289	7.55	cps
Silver	107-1	1508	1400	1408	1439	4.19	cps
Sodium	23-2	17144	17862	17536	17514	2.05	cps
Strontium	86-1	784388	779157	772051	778532	0.80	cps
Strontium	88-1	6847011	6848700	6740513	6812075	0.91	cps
Sulfur	34-1	4743510	4732392	4681938	4719280	0.70	cps
Terbium	159-1	6107977	5969827	5984802	6020869	1.26	cps
Terbium	159-2	1032539	1027344	1026297	1028727	0.32	cps
Thallium	203-1	392	550	583	508	20.15	cps
Thallium	205-1	1358	1217	1333	1303	5.80	cps
Tin	118-1	90331	91974	89112	90472	1.59	cps
Titanium	47-1	13776	10546	10179	11501	17.21	cps
Uranium	238-1	4951	4835	4734	4840	2.24	cps
Vanadium	51-2	3034	3167	3080	3094	2.19	cps
Yttrium	89-1	4621767	4541352	4550701	4571273	0.96	cps
Yttrium	89-2	121871	121921	121467	121753	0.20	cps
Zinc	66-2	8569	8559	8686	8605	0.82	cps
Zirconium	90-1	6139	6356	9951	7482	28.61	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 14:58:14	DataFile Name :	024SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	1426	1409	1256	22.25	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:01:22	DataFile Name :	025SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23457	22210	22377	22681	2.98	cps
Antimony	121-1	10972	10288	10905	10721	3.52	cps
Arsenic	75-2	470	448	494	471	4.92	cps
Barium	135-1	392211	392070	395616	393299	0.51	cps
Barium	137-1	685372	683571	676602	681848	0.68	cps
Beryllium	9-1	583	650	500	578	13.01	cps
Bismuth	209-1	4140225	4171810	4156346	4156127	0.38	cps
Bismuth	209-2	915282	904112	901487	906960	0.81	cps
Boron	10-1	583	592	683	619	8.96	cps
Boron	11-1	2725	2892	2950	2856	4.09	cps
Cadmium	111-1	1865	1763	1669	1766	5.55	cps
Cadmium	106-1	1000	925	900	942	5.53	cps
Cadmium	108-1	104	121	88	104	16.00	cps
Calcium	43-1	1721979	1713706	1682302	1705996	1.23	cps
Calcium	44-1	27230656	27017050	26869659	27039121	0.67	cps
Chromium	52-2	7699	7359	7369	7475	2.59	cps
Cobalt	59-2	4658	4514	4434	4535	2.50	cps
Copper	63-2	131421	129368	127720	129503	1.43	cps
Dysprosium	156-1	20467	19949	19749	20055	1.85	cps
Dysprosium	156-2	4227	4264	4154	4215	1.33	cps
Erbium	164-1	20108	19515	19515	19713	1.74	cps
Erbium	164-2	3414	3557	3204	3392	5.24	cps
Gadolinium	160-1	21160	20659	20985	20934	1.21	cps
Gadolinium	160-2	5341	5368	5124	5278	2.53	cps
Holmium	165-1	5884055	5957086	5889198	5910113	0.69	cps
Holmium	165-2	1088737	1074879	1064870	1076162	1.11	cps
Indium	115-1	4378836	4404293	4422106	4401745	0.49	cps
Indium	115-2	164424	163282	158974	162227	1.77	cps
Iron	56-2	3043652	3019763	2956783	3006732	1.49	cps
Iron	57-2	75263	74979	73359	74534	1.38	cps
Lead	206-1	2143250	2161072	2175750	2160024	0.75	cps
Lead	207-1	1750252	1784489	1761305	1765349	0.99	cps
Lead	208-1	8253350	8359853	8289037	8300747	0.65	cps
Lithium	6-1	631704	636573	636231	634836	0.43	cps
Magnesium	24-2	21842	21834	21325	21667	1.37	cps
Manganese	55-2	24432	24425	24044	24300	0.91	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:01:22	DataFile Name :	025SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8317	6952	6303	7190	14.30	cps
Molybdenum	95-1	1525	1709	1625	1620	5.67	cps
Molybdenum	96-1	3117	18844	3471	8477	105.93	cps
Molybdenum	97-1	1042	1083	1058	1061	1.98	cps
Molybdenum	98-1	2517	2867	2484	2623	8.10	cps
Neodymium	150-1	28592	29066	28752	28803	0.84	cps
Neodymium	150-2	3280	3297	3344	3307	0.99	cps
Nickel	60-2	4164	3994	4074	4077	2.09	cps
Phosphorus	31-2	167	175	167	169	2.84	cps
Potassium	39-2	4026	4084	4026	4045	0.83	cps
Rhodium	103-1	3967905	3956110	3933949	3952655	0.44	cps
Rhodium	103-2	939056	935770	926492	933773	0.70	cps
Scandium	45-1	2152032	2122240	2126495	2133589	0.76	cps
Scandium	45-2	13987	13990	13196	13725	3.33	cps
Selenium	77-2	33	17	23	24	34.31	cps
Selenium	78-2	7	11	11	10	21.63	cps
Selenium	82-1	134	140	139	138	2.02	cps
Silicon	28-1	4360194	4208241	3861012	4143149	6.18	cps
Silver	109-1	1959	2267	2200	2142	7.58	cps
Silver	107-1	2367	2500	2725	2531	7.16	cps
Sodium	23-2	20015	20207	19556	19926	1.68	cps
Strontium	86-1	329455	330722	328020	329399	0.41	cps
Strontium	88-1	2886685	2887484	2890824	2888331	0.08	cps
Sulfur	34-1	1916411	1885284	1857483	1886393	1.56	cps
Terbium	159-1	6010574	6031548	6042290	6028138	0.27	cps
Terbium	159-2	1027599	1017823	1016017	1020479	0.61	cps
Thallium	203-1	942	1008	967	972	3.46	cps
Thallium	205-1	2117	2350	2517	2328	8.63	cps
Tin	118-1	26644	29772	27814	28077	5.63	cps
Titanium	47-1	67707	68399	70347	68817	1.99	cps
Uranium	238-1	153479	152330	152668	152826	0.39	cps
Vanadium	51-2	14641	14174	14645	14487	1.87	cps
Yttrium	89-1	4664806	4704411	4676956	4682058	0.43	cps
Yttrium	89-2	123371	121945	119012	121443	1.83	cps
Zinc	66-2	15148	15269	15412	15276	0.86	cps
Zirconium	90-1	14511	14971	16799	15427	7.84	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:01:22	DataFile Name :	025SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3409	3868	3668	3648	6.30	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:04:31	DataFile Name :	026SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	542	458	578	24.41	cps
Antimony	121-1	2200	2125	2250	2192	2.87	cps
Arsenic	75-2	161	187	141	163	14.24	cps
Barium	135-1	5420941	5167600	5430413	5339651	2.79	cps
Barium	137-1	9349433	8493448	9842991	9228624	7.40	cps
Beryllium	9-1	106	178	167	150	25.92	cps
Bismuth	209-1	4189781	4169102	4171488	4176790	0.27	cps
Bismuth	209-2	886168	772543	880312	846341	7.56	cps
Boron	10-1	458	483	358	433	15.26	cps
Boron	11-1	1809	1925	1942	1892	3.84	cps
Cadmium	111-1	1008	1043	1027	1026	1.69	cps
Cadmium	106-1	817	908	783	836	7.74	cps
Cadmium	108-1	38	50	54	47	18.37	cps
Calcium	43-1	4957053	4998447	5072074	5009191	1.16	cps
Calcium	44-1	80044096	81388437	81645608	81026047	1.06	cps
Chromium	52-2	630	650	580	620	5.82	cps
Cobalt	59-2	270	253	353	292	18.33	cps
Copper	63-2	87211	87158	87379	87249	0.13	cps
Dysprosium	156-1	1725	1659	1700	1695	1.99	cps
Dysprosium	156-2	330	320	343	331	3.53	cps
Erbium	164-1	1792	1842	1759	1797	2.33	cps
Erbium	164-2	377	260	270	302	21.40	cps
Gadolinium	160-1	1667	2000	1800	1822	9.21	cps
Gadolinium	160-2	437	443	410	430	4.10	cps
Holmium	165-1	5941679	5953612	5995152	5963481	0.47	cps
Holmium	165-2	1066321	920116	1053891	1013443	8.00	cps
Indium	115-1	4403230	4461698	4477151	4447360	0.88	cps
Indium	115-2	164519	140011	162609	155713	8.75	cps
Iron	56-2	193779	193308	191433	192840	0.64	cps
Iron	57-2	4945	5123	4895	4988	2.40	cps
Lead	206-1	3556523	3573644	3581786	3570651	0.36	cps
Lead	207-1	2872143	2801688	2830556	2834796	1.25	cps
Lead	208-1	13368772	13468257	13433726	13423585	0.38	cps
Lithium	6-1	662114	672894	677103	670703	1.15	cps
Magnesium	24-2	1292	1275	1342	1303	2.66	cps
Manganese	55-2	3134	3230	3064	3143	2.66	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:04:31	DataFile Name :	026SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1701	1192	1851	1581	21.84	cps
Molybdenum	95-1	383	375	350	369	4.69	cps
Molybdenum	96-1	675	558	658	631	10.01	cps
Molybdenum	97-1	342	300	258	300	13.89	cps
Molybdenum	98-1	508	750	692	650	19.40	cps
Neodymium	150-1	2967	2814	3000	2927	3.40	cps
Neodymium	150-2	320	377	303	333	11.53	cps
Nickel	60-2	620	723	690	678	7.78	cps
Phosphorus	31-2	8	33	50	31	68.64	cps
Potassium	39-2	2684	2250	2517	2484	8.80	cps
Rhodium	103-1	3935783	3947642	3969410	3950945	0.43	cps
Rhodium	103-2	933794	800701	922566	885687	8.33	cps
Scandium	45-1	2119180	2162948	2181729	2154619	1.49	cps
Scandium	45-2	14241	12673	14144	13686	6.42	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	7	0	4	4	100.05	cps
Selenium	82-1	65	58	109	77	36.08	cps
Silicon	28-1	1197864	1287784	967283	1150977	14.36	cps
Silver	109-1	1125	1275	1325	1242	8.38	cps
Silver	107-1	1317	1308	1425	1350	4.82	cps
Sodium	23-2	17045	16527	16268	16613	2.38	cps
Strontium	86-1	593272	596537	598483	596097	0.44	cps
Strontium	88-1	5216555	5299811	5280060	5265475	0.83	cps
Sulfur	34-1	5052523	5135266	5196877	5128222	1.41	cps
Terbium	159-1	6040924	6053766	6136148	6076946	0.85	cps
Terbium	159-2	1015426	877233	1006430	966363	8.00	cps
Thallium	203-1	233	333	342	303	19.91	cps
Thallium	205-1	733	658	975	789	20.98	cps
Tin	118-1	11622	11625	11449	11565	0.87	cps
Titanium	47-1	6669	7171	8154	7332	10.30	cps
Uranium	238-1	2800	2759	3084	2881	6.14	cps
Vanadium	51-2	2404	2407	2357	2389	1.17	cps
Yttrium	89-1	4563273	4590637	4582182	4578697	0.31	cps
Yttrium	89-2	117194	100663	116908	111588	8.48	cps
Zinc	66-2	3204	3400	3130	3245	4.30	cps
Zirconium	90-1	2526	4005	3285	3272	22.60	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:04:31	DataFile Name :	026SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	734	625	633	664	9.09	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : J1217-06 Instrumnet Name : P8
 Client Sample ID : MB0AE8D Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 15:07:39 DataFile Name : 027SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	508	567	519	8.23	cps
Antimony	121-1	2217	2175	2217	2203	1.09	cps
Arsenic	75-2	165	152	194	170	12.82	cps
Barium	135-1	5220141	5405673	5426225	5350680	2.12	cps
Barium	137-1	8429316	8961610	9344942	8911956	5.16	cps
Beryllium	9-1	106	150	117	124	18.64	cps
Bismuth	209-1	3958922	3878281	3928410	3921871	1.04	cps
Bismuth	209-2	881420	865465	866221	871035	1.03	cps
Boron	10-1	425	375	417	406	6.61	cps
Boron	11-1	1834	1775	1850	1820	2.16	cps
Cadmium	111-1	899	780	1039	906	14.32	cps
Cadmium	106-1	758	608	875	747	17.89	cps
Cadmium	108-1	33	42	33	36	13.33	cps
Calcium	43-1	4874023	4854602	4840738	4856454	0.34	cps
Calcium	44-1	78704206	78495425	77803014	78334215	0.60	cps
Chromium	52-2	583	600	590	591	1.42	cps
Cobalt	59-2	277	290	307	291	5.16	cps
Copper	63-2	87447	87574	87339	87453	0.13	cps
Dysprosium	156-1	1700	1834	1850	1795	4.58	cps
Dysprosium	156-2	297	337	327	320	6.50	cps
Erbium	164-1	1725	1684	1825	1745	4.17	cps
Erbium	164-2	293	273	287	284	3.58	cps
Gadolinium	160-1	1750	1675	1942	1789	7.69	cps
Gadolinium	160-2	420	443	443	436	3.09	cps
Holmium	165-1	5701212	5593589	5684666	5659822	1.02	cps
Holmium	165-2	1064792	1046920	1042259	1051324	1.13	cps
Indium	115-1	4252286	4253384	4275279	4260316	0.30	cps
Indium	115-2	164436	162875	162642	163318	0.60	cps
Iron	56-2	192260	194342	192283	192962	0.62	cps
Iron	57-2	4734	5040	4823	4866	3.23	cps
Lead	206-1	3394445	3366776	3333300	3364840	0.91	cps
Lead	207-1	2609798	2588198	2614390	2604129	0.54	cps
Lead	208-1	12473307	12460198	12305144	12412883	0.75	cps
Lithium	6-1	630314	624926	627024	627421	0.43	cps
Magnesium	24-2	1317	1375	1308	1333	2.73	cps
Manganese	55-2	3067	3160	3344	3190	4.41	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:07:39	DataFile Name :	027SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1342	2654	2543	2180	33.38	cps
Molybdenum	95-1	433	442	367	414	9.93	cps
Molybdenum	96-1	900	2410	525	1278	78.03	cps
Molybdenum	97-1	267	208	233	236	12.40	cps
Molybdenum	98-1	642	625	600	622	3.37	cps
Neodymium	150-1	2880	3214	2934	3009	5.95	cps
Neodymium	150-2	357	363	283	334	13.27	cps
Nickel	60-2	737	640	700	692	7.05	cps
Phosphorus	31-2	33	67	33	44	43.31	cps
Potassium	39-2	2792	2842	2409	2681	8.84	cps
Rhodium	103-1	3839755	3805217	3849124	3831365	0.60	cps
Rhodium	103-2	945656	928752	928151	934187	1.06	cps
Scandium	45-1	2091700	2107086	2104705	2101164	0.39	cps
Scandium	45-2	15172	14618	14915	14901	1.86	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	0	2	9	4	132.32	cps
Selenium	82-1	40	15	100	52	83.61	cps
Silicon	28-1	1297733	1149328	1225257	1224106	6.06	cps
Silver	109-1	1092	1267	1242	1200	7.89	cps
Silver	107-1	1200	1283	1125	1203	6.59	cps
Sodium	23-2	16677	16852	16911	16813	0.72	cps
Strontium	86-1	580875	570144	572925	574648	0.97	cps
Strontium	88-1	4987795	4984496	5009246	4993846	0.27	cps
Sulfur	34-1	5028514	4994783	4977735	5000344	0.52	cps
Terbium	159-1	5842765	5682965	5816282	5780670	1.48	cps
Terbium	159-2	1018451	996077	992690	1002406	1.40	cps
Thallium	203-1	267	267	275	269	1.78	cps
Thallium	205-1	633	633	517	594	11.33	cps
Tin	118-1	9555	10767	10371	10231	6.04	cps
Titanium	47-1	5920	6320	9047	7096	23.98	cps
Uranium	238-1	2642	2659	2609	2637	0.97	cps
Vanadium	51-2	2347	2430	2410	2396	1.82	cps
Yttrium	89-1	4370982	4370751	4368372	4370035	0.03	cps
Yttrium	89-2	120695	118950	116908	118851	1.59	cps
Zinc	66-2	3537	3374	3430	3447	2.41	cps
Zirconium	90-1	3939	6916	12225	7693	54.56	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:07:39	DataFile Name :	027SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	859	709	695	24.67	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : J1217-05LX5 Instrumnet Name : P8
 Client Sample ID : MB0AE8L Dilution Factor : 5
 Date & Time Acquired :: 2018-01-19 15:10:46 DataFile Name : 028SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	108	92	89	23.59	cps
Antimony	121-1	642	600	592	611	4.38	cps
Arsenic	75-2	35	48	28	37	27.84	cps
Barium	135-1	1083707	1077137	1085915	1082253	0.42	cps
Barium	137-1	1959006	1928784	1923197	1936996	0.99	cps
Beryllium	9-1	133	122	111	122	9.09	cps
Bismuth	209-1	3828797	3814216	3225297	3622770	9.50	cps
Bismuth	209-2	884493	872798	884199	880496	0.76	cps
Boron	10-1	350	217	242	269	26.30	cps
Boron	11-1	1608	1583	1242	1478	13.86	cps
Cadmium	111-1	536	686	512	578	16.30	cps
Cadmium	106-1	667	883	625	725	19.13	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	942710	935482	940549	939580	0.39	cps
Calcium	44-1	15335952	15328066	15381571	15348530	0.19	cps
Chromium	52-2	310	360	367	346	8.96	cps
Cobalt	59-2	107	97	103	102	4.98	cps
Copper	63-2	18145	17999	17678	17941	1.33	cps
Dysprosium	156-1	275	250	300	275	9.09	cps
Dysprosium	156-2	70	77	90	79	12.91	cps
Erbium	164-1	358	358	250	322	19.41	cps
Erbium	164-2	67	83	40	63	34.52	cps
Gadolinium	160-1	292	325	317	311	5.58	cps
Gadolinium	160-2	57	63	83	68	20.48	cps
Holmium	165-1	5523783	5546781	4692358	5254307	9.26	cps
Holmium	165-2	1051534	1044838	1052025	1049465	0.38	cps
Indium	115-1	4283792	4296161	3601075	4060342	9.80	cps
Indium	115-2	169127	167396	168242	168255	0.51	cps
Iron	56-2	40293	40272	40095	40220	0.27	cps
Iron	57-2	1050	1017	1028	1032	1.65	cps
Lead	206-1	631140	622244	626595	626660	0.71	cps
Lead	207-1	485899	479389	483441	482910	0.68	cps
Lead	208-1	2333433	2305008	2322918	2320453	0.62	cps
Lithium	6-1	585364	579624	507883	557624	7.74	cps
Magnesium	24-2	392	508	400	433	15.02	cps
Manganese	55-2	653	587	670	637	6.93	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LX5	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-19 15:10:46	DataFile Name :	028SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	292	375	350	14.48	cps
Molybdenum	95-1	125	150	183	153	19.15	cps
Molybdenum	96-1	225	150	200	192	19.92	cps
Molybdenum	97-1	75	67	108	83	26.46	cps
Molybdenum	98-1	175	192	150	172	12.18	cps
Neodymium	150-1	607	460	560	542	13.82	cps
Neodymium	150-2	50	67	37	51	29.41	cps
Nickel	60-2	410	527	390	442	16.69	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1942	2259	2192	2131	7.84	cps
Rhodium	103-1	3847799	3868253	3269048	3661700	9.29	cps
Rhodium	103-2	966554	957721	963406	962560	0.47	cps
Scandium	45-1	2139396	2137351	1811418	2029388	9.30	cps
Scandium	45-2	15742	15806	16226	15925	1.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	35	5	-5	12	179.29	cps
Silicon	28-1	551458	584803	544180	560147	3.87	cps
Silver	109-1	317	292	283	297	5.84	cps
Silver	107-1	350	442	400	397	11.56	cps
Sodium	23-2	11464	11497	12147	11703	3.30	cps
Strontium	86-1	110713	110192	112377	111094	1.03	cps
Strontium	88-1	972554	959253	973416	968408	0.82	cps
Sulfur	34-1	1305802	1300573	1287989	1298121	0.71	cps
Terbium	159-1	5618434	5640574	4771099	5343369	9.28	cps
Terbium	159-2	1007032	998634	1010054	1005240	0.59	cps
Thallium	203-1	158	192	125	158	21.05	cps
Thallium	205-1	492	342	408	414	18.16	cps
Tin	118-1	2584	2693	2309	2529	7.83	cps
Titanium	47-1	1751	1717	1785	1751	1.93	cps
Uranium	238-1	558	467	533	519	9.12	cps
Vanadium	51-2	623	570	440	544	17.32	cps
Yttrium	89-1	4331247	4368904	3669341	4123164	9.54	cps
Yttrium	89-2	122342	123407	122924	122891	0.43	cps
Zinc	66-2	733	670	807	737	9.28	cps
Zirconium	90-1	1059	642	884	862	24.34	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LX5	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-19 15:10:46	DataFile Name :	028SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	484	158	158	267	70.41	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:13:56	DataFile Name :	029SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2009	1675	1759	1814	9.56	cps
Antimony	121-1	139995	136912	138689	138532	1.12	cps
Arsenic	75-2	698	746	698	714	3.89	cps
Barium	135-1	5476455	5761122	5764681	5667419	2.92	cps
Barium	137-1	8863123	9896419	9278260	9345934	5.56	cps
Beryllium	9-1	6796	6663	6546	6668	1.88	cps
Bismuth	209-1	3861528	3850359	3852913	3854933	0.15	cps
Bismuth	209-2	864222	870275	859178	864559	0.64	cps
Boron	10-1	267	408	300	325	22.79	cps
Boron	11-1	1492	1642	1608	1581	4.98	cps
Cadmium	111-1	14833	14335	14789	14652	1.88	cps
Cadmium	106-1	2025	1900	1967	1964	3.18	cps
Cadmium	108-1	971	1033	946	983	4.58	cps
Calcium	43-1	4993429	4907120	4917071	4939207	0.96	cps
Calcium	44-1	80158318	79747606	79580498	79828807	0.37	cps
Chromium	52-2	19818	19861	20282	19987	1.28	cps
Cobalt	59-2	109748	109784	111407	110313	0.86	cps
Copper	63-2	137455	138818	140105	138792	0.95	cps
Dysprosium	156-1	1792	1750	1717	1753	2.14	cps
Dysprosium	156-2	363	327	400	363	10.09	cps
Erbium	164-1	1775	1725	1775	1759	1.64	cps
Erbium	164-2	313	307	290	303	3.96	cps
Gadolinium	160-1	1542	1992	1825	1786	12.74	cps
Gadolinium	160-2	450	413	400	421	6.15	cps
Holmium	165-1	5694986	5607834	5636855	5646558	0.79	cps
Holmium	165-2	1039428	1052786	1034170	1042128	0.92	cps
Indium	115-1	4251988	4183008	4271506	4235501	1.10	cps
Indium	115-2	164425	164175	163315	163972	0.36	cps
Iron	56-2	269483	262506	268106	266699	1.39	cps
Iron	57-2	6924	6985	6985	6965	0.51	cps
Lead	206-1	3370835	3333772	3362516	3355708	0.58	cps
Lead	207-1	2565276	2692959	2618869	2625702	2.44	cps
Lead	208-1	12379793	12481060	12450328	12437060	0.42	cps
Lithium	6-1	608696	606280	608007	607661	0.20	cps
Magnesium	24-2	1492	1442	1492	1475	1.96	cps
Manganese	55-2	16623	16296	16987	16636	2.08	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:13:56	DataFile Name :	029SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2837	892	1150	1626	64.96	cps
Molybdenum	95-1	417	325	358	367	12.66	cps
Molybdenum	96-1	625	483	617	575	13.83	cps
Molybdenum	97-1	233	242	383	286	29.46	cps
Molybdenum	98-1	592	625	533	583	7.95	cps
Neodymium	150-1	3181	2987	2954	3040	4.03	cps
Neodymium	150-2	313	417	303	344	18.22	cps
Nickel	60-2	32598	32869	33109	32859	0.78	cps
Phosphorus	31-2	50	17	42	36	48.03	cps
Potassium	39-2	2517	2667	2609	2598	2.91	cps
Rhodium	103-1	3829645	3756085	3816027	3800586	1.03	cps
Rhodium	103-2	938629	937947	920694	932423	1.09	cps
Scandium	45-1	2128300	2138829	2108393	2125174	0.73	cps
Scandium	45-2	15082	14588	14598	14756	1.91	cps
Selenium	77-2	0	17	17	11	86.60	cps
Selenium	78-2	26	39	44	36	26.08	cps
Selenium	82-1	1785	1836	1731	1784	2.94	cps
Silicon	28-1	1384382	1057791	1045436	1162537	16.53	cps
Silver	109-1	60411	63743	63258	62471	2.88	cps
Silver	107-1	65695	65125	65518	65446	0.45	cps
Sodium	23-2	17061	17370	17194	17208	0.90	cps
Strontium	86-1	578372	579953	574621	577648	0.47	cps
Strontium	88-1	5060679	5105049	5029575	5065101	0.75	cps
Sulfur	34-1	5129820	5093081	5117029	5113310	0.36	cps
Terbium	159-1	5716591	5729677	5762948	5736406	0.42	cps
Terbium	159-2	996143	1004425	986293	995620	0.91	cps
Thallium	203-1	59163	57581	60001	58915	2.09	cps
Thallium	205-1	140740	142284	140858	141294	0.61	cps
Tin	118-1	10840	10088	11743	10890	7.61	cps
Titanium	47-1	6621	7457	8470	7516	12.32	cps
Uranium	238-1	2717	2584	3084	2795	9.27	cps
Vanadium	51-2	39011	39606	39663	39427	0.92	cps
Yttrium	89-1	4401690	4407374	4352987	4387351	0.68	cps
Yttrium	89-2	120334	119907	117194	119145	1.43	cps
Zinc	66-2	11922	11482	12256	11886	3.27	cps
Zirconium	90-1	2526	3112	3413	3017	14.95	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:13:56	DataFile Name :	029SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	1059	650	798	28.48	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:17:04	DataFile Name :	030SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	58	69	27.71	cps
Antimony	121-1	533	550	458	514	9.50	cps
Arsenic	75-2	4	9	9	7	43.34	cps
Barium	135-1	175583	174832	177322	175912	0.73	cps
Barium	137-1	306183	302916	306897	305332	0.70	cps
Beryllium	9-1	122	89	67	93	30.20	cps
Bismuth	209-1	3840885	3882708	3882267	3868620	0.62	cps
Bismuth	209-2	887252	881351	859546	876050	1.67	cps
Boron	10-1	242	333	233	269	20.59	cps
Boron	11-1	1275	1233	1175	1228	4.09	cps
Cadmium	111-1	613	514	640	589	11.22	cps
Cadmium	106-1	850	717	858	808	9.83	cps
Cadmium	108-1	4	42	4	17	129.88	cps
Calcium	43-1	521410	522104	522628	522047	0.12	cps
Calcium	44-1	8445578	8524192	8408631	8459467	0.70	cps
Chromium	52-2	257	293	323	291	11.47	cps
Cobalt	59-2	73	87	40	67	36.06	cps
Copper	63-2	12406	12717	13037	12720	2.48	cps
Dysprosium	156-1	92	108	83	94	13.48	cps
Dysprosium	156-2	33	10	37	27	54.49	cps
Erbium	164-1	92	175	142	136	30.82	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	133	142	100	125	17.63	cps
Gadolinium	160-2	17	10	37	21	65.74	cps
Holmium	165-1	5620455	5594671	5603999	5606375	0.23	cps
Holmium	165-2	1067202	1051081	1034588	1050957	1.55	cps
Indium	115-1	4233451	4325530	4251225	4270069	1.14	cps
Indium	115-2	172234	171336	164299	169290	2.57	cps
Iron	56-2	25491	24701	25096	25096	1.57	cps
Iron	57-2	706	606	667	659	7.65	cps
Lead	206-1	1001441	995441	990843	995908	0.53	cps
Lead	207-1	769356	767930	766980	768088	0.16	cps
Lead	208-1	3759621	3737029	3761360	3752670	0.36	cps
Lithium	6-1	574568	580424	580109	578367	0.57	cps
Magnesium	24-2	358	342	367	356	3.58	cps
Manganese	55-2	167	143	143	151	8.91	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:17:04	DataFile Name :	030SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	325	158	217	43.35	cps
Molybdenum	95-1	117	125	108	117	7.14	cps
Molybdenum	96-1	217	125	125	156	34.02	cps
Molybdenum	97-1	100	92	92	94	5.09	cps
Molybdenum	98-1	117	117	150	128	15.06	cps
Neodymium	150-1	167	127	160	151	14.18	cps
Neodymium	150-2	10	33	17	20	60.08	cps
Nickel	60-2	390	360	430	393	8.93	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2125	2009	2009	2047	3.29	cps
Rhodium	103-1	3923224	3918137	3900810	3914057	0.30	cps
Rhodium	103-2	984955	969964	945566	966828	2.06	cps
Scandium	45-1	2183999	2166490	2193840	2181443	0.64	cps
Scandium	45-2	16343	16099	15482	15975	2.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-38	-30	34	-11	-346.23	cps
Silicon	28-1	497550	376674	384574	419599	16.12	cps
Silver	109-1	258	433	425	372	26.52	cps
Silver	107-1	392	375	400	389	3.27	cps
Sodium	23-2	10446	10746	10863	10685	2.01	cps
Strontium	86-1	35998	36416	37411	36608	1.98	cps
Strontium	88-1	311672	313791	310773	312078	0.50	cps
Sulfur	34-1	941921	943881	945809	943870	0.21	cps
Terbium	159-1	5727978	5709348	5771069	5736132	0.55	cps
Terbium	159-2	1014839	1006246	981313	1000799	1.74	cps
Thallium	203-1	158	133	217	169	25.24	cps
Thallium	205-1	408	483	300	397	23.20	cps
Tin	118-1	5797	5228	6291	5772	9.22	cps
Titanium	47-1	692	783	1234	903	32.12	cps
Uranium	238-1	300	350	450	367	20.83	cps
Vanadium	51-2	207	270	210	229	15.57	cps
Yttrium	89-1	4441044	4428090	4392241	4420458	0.57	cps
Yttrium	89-2	126658	122937	118741	122778	3.23	cps
Zinc	66-2	157	153	130	147	9.91	cps
Zirconium	90-1	392	458	1971	940	94.98	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-01DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE4	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:17:04	DataFile Name :	030SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	142	125	11.55	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:20:15	DataFile Name :	031SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	58	61	20.83	cps
Antimony	121-1	442	450	417	436	3.98	cps
Arsenic	75-2	11	0	9	7	87.67	cps
Barium	135-1	69257	68051	70270	69193	1.61	cps
Barium	137-1	120882	120066	120168	120372	0.37	cps
Beryllium	9-1	83	139	94	106	27.85	cps
Bismuth	209-1	3898579	3871014	3033075	3600889	13.66	cps
Bismuth	209-2	891195	893264	885451	889970	0.45	cps
Boron	10-1	242	242	208	231	8.35	cps
Boron	11-1	1183	1400	1042	1208	14.94	cps
Cadmium	111-1	673	754	481	636	22.03	cps
Cadmium	106-1	800	892	500	731	28.04	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	463811	464417	465700	464643	0.21	cps
Calcium	44-1	7524636	7589806	7588210	7567551	0.49	cps
Chromium	52-2	250	337	303	297	14.74	cps
Cobalt	59-2	80	57	67	68	17.27	cps
Copper	63-2	7916	8296	8259	8157	2.57	cps
Dysprosium	156-1	100	92	117	103	12.39	cps
Dysprosium	156-2	10	43	13	22	82.62	cps
Erbium	164-1	83	142	75	100	36.32	cps
Erbium	164-2	27	30	13	23	37.81	cps
Gadolinium	160-1	133	167	133	144	13.33	cps
Gadolinium	160-2	30	17	20	22	31.22	cps
Holmium	165-1	5650028	5556019	4404644	5203564	13.33	cps
Holmium	165-2	1061312	1051291	1057085	1056563	0.48	cps
Indium	115-1	4351327	4345640	3429676	4042214	13.12	cps
Indium	115-2	171778	171176	169817	170923	0.59	cps
Iron	56-2	14959	16170	15170	15433	4.19	cps
Iron	57-2	472	417	389	426	9.96	cps
Lead	206-1	188816	186656	191411	188961	1.26	cps
Lead	207-1	146148	145490	146183	145940	0.27	cps
Lead	208-1	702296	694800	705322	700806	0.77	cps
Lithium	6-1	580470	578129	474200	544266	11.15	cps
Magnesium	24-2	333	275	242	283	16.38	cps
Manganese	55-2	90	103	110	101	10.07	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:20:15	DataFile Name :	031SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	175	242	231	22.09	cps
Molybdenum	95-1	42	17	50	36	48.03	cps
Molybdenum	96-1	100	92	75	89	14.33	cps
Molybdenum	97-1	92	17	75	61	64.44	cps
Molybdenum	98-1	67	75	50	64	19.92	cps
Neodymium	150-1	213	180	140	178	20.65	cps
Neodymium	150-2	27	13	20	20	33.35	cps
Nickel	60-2	403	487	420	437	10.10	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2167	2417	1909	2164	11.75	cps
Rhodium	103-1	3955304	3897334	3134857	3662498	12.50	cps
Rhodium	103-2	981842	980936	985524	982767	0.25	cps
Scandium	45-1	2189783	2182279	1763128	2045064	11.94	cps
Scandium	45-2	16400	15966	16186	16184	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	12	16	-26	1	3997.37	cps
Silicon	28-1	340041	347624	339648	342437	1.31	cps
Silver	109-1	83	175	108	122	38.77	cps
Silver	107-1	217	233	142	197	24.76	cps
Sodium	23-2	9987	10271	10604	10287	3.00	cps
Strontium	86-1	66345	67828	67124	67099	1.11	cps
Strontium	88-1	575488	573872	582888	577416	0.83	cps
Sulfur	34-1	888178	882082	884409	884890	0.35	cps
Terbium	159-1	5769491	5711581	4586048	5355707	12.46	cps
Terbium	159-2	1012951	1011772	1011696	1012140	0.07	cps
Thallium	203-1	183	183	233	200	14.44	cps
Thallium	205-1	500	333	333	389	24.74	cps
Tin	118-1	3867	3976	3834	3892	1.90	cps
Titanium	47-1	583	1624	558	922	65.96	cps
Uranium	238-1	142	117	125	128	9.96	cps
Vanadium	51-2	33	67	33	44	43.31	cps
Yttrium	89-1	4407083	4423049	3532370	4120834	12.37	cps
Yttrium	89-2	126173	124743	123761	124892	0.97	cps
Zinc	66-2	537	620	600	586	7.43	cps
Zirconium	90-1	3214	467	442	1374	115.96	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-02DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE5	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:20:15	DataFile Name :	031SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	67	125	92	32.78	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:23:26	DataFile Name :	032SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	167	183	161	15.80	cps
Antimony	121-1	958	900	883	914	4.31	cps
Arsenic	75-2	54	67	57	59	11.27	cps
Barium	135-1	284933	278655	280968	281519	1.13	cps
Barium	137-1	493289	490155	489628	491024	0.40	cps
Beryllium	9-1	100	122	100	107	11.95	cps
Bismuth	209-1	3653544	3925880	3923303	3834242	4.08	cps
Bismuth	209-2	918125	911620	914678	914808	0.36	cps
Boron	10-1	308	233	217	253	19.32	cps
Boron	11-1	1017	892	1167	1025	13.43	cps
Cadmium	111-1	600	632	581	605	4.25	cps
Cadmium	106-1	767	800	775	781	2.22	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	444099	451364	453133	449532	1.06	cps
Calcium	44-1	7316716	7294394	7440845	7350651	1.07	cps
Chromium	52-2	383	377	307	356	11.94	cps
Cobalt	59-2	63	60	70	64	7.90	cps
Copper	63-2	5578	5444	5925	5649	4.39	cps
Dysprosium	156-1	292	183	208	228	24.90	cps
Dysprosium	156-2	57	47	30	44	30.31	cps
Erbium	164-1	200	258	200	219	15.35	cps
Erbium	164-2	30	30	43	34	22.34	cps
Gadolinium	160-1	158	258	192	203	25.11	cps
Gadolinium	160-2	47	63	27	46	40.29	cps
Holmium	165-1	5260872	5674053	5678801	5537908	4.33	cps
Holmium	165-2	1084708	1082418	1087301	1084809	0.23	cps
Indium	115-1	4110471	4355730	4408133	4291445	3.70	cps
Indium	115-2	177206	175757	175858	176274	0.46	cps
Iron	56-2	82818	83147	83521	83162	0.42	cps
Iron	57-2	2234	2261	2156	2217	2.47	cps
Lead	206-1	596542	589985	591274	592600	0.59	cps
Lead	207-1	508766	508691	506869	508109	0.21	cps
Lead	208-1	2345510	2341291	2336537	2341113	0.19	cps
Lithium	6-1	551711	586867	592416	576998	3.83	cps
Magnesium	24-2	358	367	433	386	10.65	cps
Manganese	55-2	157	213	200	190	15.59	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:23:26	DataFile Name :	032SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	275	250	281	12.00	cps
Molybdenum	95-1	92	108	92	97	9.90	cps
Molybdenum	96-1	158	217	192	189	15.49	cps
Molybdenum	97-1	67	125	75	89	35.50	cps
Molybdenum	98-1	133	158	133	142	10.19	cps
Neodymium	150-1	313	300	253	289	10.91	cps
Neodymium	150-2	43	57	33	44	26.35	cps
Nickel	60-2	440	530	467	479	9.65	cps
Phosphorus	31-2	8	67	0	25	145.31	cps
Potassium	39-2	2117	2067	2150	2111	1.99	cps
Rhodium	103-1	3754834	4052338	3990161	3932444	3.99	cps
Rhodium	103-2	1007570	1004272	1004250	1005364	0.19	cps
Scandium	45-1	2100665	2232013	2265983	2199554	3.97	cps
Scandium	45-2	16930	16693	16426	16683	1.51	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-11	-17	-52	-27	-83.15	cps
Silicon	28-1	684333	430182	440267	518261	27.77	cps
Silver	109-1	217	125	200	181	27.04	cps
Silver	107-1	267	208	250	242	12.43	cps
Sodium	23-2	10221	10504	10413	10379	1.39	cps
Strontium	86-1	78927	77747	75023	77232	2.59	cps
Strontium	88-1	662021	666067	666219	664769	0.36	cps
Sulfur	34-1	869540	873259	873119	871973	0.24	cps
Terbium	159-1	5460922	5865494	5891844	5739420	4.21	cps
Terbium	159-2	1041522	1032192	1035936	1036550	0.45	cps
Thallium	203-1	192	158	167	172	10.07	cps
Thallium	205-1	508	450	367	442	16.12	cps
Tin	118-1	8903	9329	8878	9037	2.80	cps
Titanium	47-1	883	1092	1125	1033	12.67	cps
Uranium	238-1	400	433	500	444	11.46	cps
Vanadium	51-2	323	310	367	333	8.89	cps
Yttrium	89-1	4194899	4487789	4544224	4408971	4.25	cps
Yttrium	89-2	127915	127444	127485	127615	0.20	cps
Zinc	66-2	1057	1043	1050	1050	0.64	cps
Zirconium	90-1	775	833	792	800	3.76	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-03DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE6	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:23:26	DataFile Name :	032SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	183	133	153	17.53	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:26:37	DataFile Name :	033SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2734	2567	2325	2542	8.08	cps
Antimony	121-1	1008	1267	1100	1125	11.64	cps
Arsenic	75-2	48	48	50	49	2.19	cps
Barium	135-1	38307	38934	38691	38644	0.82	cps
Barium	137-1	67959	68419	67918	68099	0.41	cps
Beryllium	9-1	156	122	139	139	12.00	cps
Bismuth	209-1	4001760	3942168	3989338	3977755	0.79	cps
Bismuth	209-2	913183	912033	910008	911742	0.18	cps
Boron	10-1	200	267	283	250	17.64	cps
Boron	11-1	1200	1133	1125	1153	3.57	cps
Cadmium	111-1	681	531	664	625	13.11	cps
Cadmium	106-1	775	608	808	731	14.67	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	173375	174330	171738	173148	0.76	cps
Calcium	44-1	2870786	2874065	2843943	2862931	0.58	cps
Chromium	52-2	1197	1117	1023	1112	7.80	cps
Cobalt	59-2	527	610	510	549	9.76	cps
Copper	63-2	14518	14965	14695	14726	1.53	cps
Dysprosium	156-1	1767	1842	2084	1897	8.72	cps
Dysprosium	156-2	407	507	393	436	14.22	cps
Erbium	164-1	1942	2092	1925	1986	4.62	cps
Erbium	164-2	390	317	370	359	10.56	cps
Gadolinium	160-1	2075	2225	1834	2045	9.67	cps
Gadolinium	160-2	547	507	423	492	12.78	cps
Holmium	165-1	5780187	5724875	5703242	5736102	0.69	cps
Holmium	165-2	1085548	1073493	1077718	1078919	0.57	cps
Indium	115-1	4414099	4397843	4378332	4396758	0.41	cps
Indium	115-2	173543	173507	171457	172836	0.69	cps
Iron	56-2	335851	340962	333304	336706	1.16	cps
Iron	57-2	8492	8803	8347	8547	2.73	cps
Lead	206-1	198460	199747	197113	198440	0.66	cps
Lead	207-1	159619	162623	161665	161302	0.95	cps
Lead	208-1	755367	761977	755844	757729	0.49	cps
Lithium	6-1	593089	595544	595472	594702	0.23	cps
Magnesium	24-2	2609	3109	2725	2814	9.30	cps
Manganese	55-2	2744	2894	2864	2834	2.80	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:26:37	DataFile Name :	033SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	725	575	606	17.75	cps
Molybdenum	95-1	242	233	175	217	16.77	cps
Molybdenum	96-1	300	1120	350	590	77.91	cps
Molybdenum	97-1	117	167	242	175	35.95	cps
Molybdenum	98-1	317	283	233	278	15.10	cps
Neodymium	150-1	2700	2620	2647	2656	1.53	cps
Neodymium	150-2	357	383	300	347	12.28	cps
Nickel	60-2	840	793	753	796	5.45	cps
Phosphorus	31-2	17	58	33	36	58.07	cps
Potassium	39-2	2325	2217	2459	2334	5.19	cps
Rhodium	103-1	3996413	3986271	3992206	3991630	0.13	cps
Rhodium	103-2	998044	993815	990246	994035	0.39	cps
Scandium	45-1	2233363	2225171	2203433	2220656	0.70	cps
Scandium	45-2	16260	16173	16336	16256	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-15	47	10	14	220.69	cps
Silicon	28-1	803740	811019	730647	781802	5.69	cps
Silver	109-1	267	208	300	258	17.96	cps
Silver	107-1	242	283	258	261	8.03	cps
Sodium	23-2	10229	10321	10746	10432	2.64	cps
Strontium	86-1	33266	32640	33943	33283	1.96	cps
Strontium	88-1	284962	286598	283398	284986	0.56	cps
Sulfur	34-1	525594	525121	526555	525757	0.14	cps
Terbium	159-1	5877836	5819403	5835255	5844165	0.52	cps
Terbium	159-2	1035829	1034442	1037185	1035819	0.13	cps
Thallium	203-1	183	208	183	192	7.53	cps
Thallium	205-1	425	417	483	442	8.22	cps
Tin	118-1	3151	3226	3109	3162	1.87	cps
Titanium	47-1	8113	6727	6911	7250	10.38	cps
Uranium	238-1	13249	13833	13591	13558	2.16	cps
Vanadium	51-2	1677	1773	1603	1685	5.06	cps
Yttrium	89-1	4497610	4480659	4512612	4496960	0.36	cps
Yttrium	89-2	127296	126811	124854	126321	1.02	cps
Zinc	66-2	1790	1670	1733	1731	3.47	cps
Zirconium	90-1	1675	1617	1517	1603	5.00	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE7	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:26:37	DataFile Name :	033SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	350	442	386	12.65	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:29:47	DataFile Name :	034SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	42	67	33.07	cps
Antimony	121-1	367	400	317	361	11.61	cps
Arsenic	75-2	17	15	15	15	6.96	cps
Barium	135-1	543538	562307	563415	556420	2.01	cps
Barium	137-1	948711	979041	992345	973366	2.30	cps
Beryllium	9-1	72	94	78	81	14.20	cps
Bismuth	209-1	3846970	3944042	4013728	3934913	2.13	cps
Bismuth	209-2	915011	905870	906044	908975	0.58	cps
Boron	10-1	217	192	217	208	6.93	cps
Boron	11-1	967	992	1092	1017	6.51	cps
Cadmium	111-1	630	635	583	616	4.63	cps
Cadmium	106-1	858	842	767	822	5.94	cps
Cadmium	108-1	0	0	17	6	173.21	cps
Calcium	43-1	478287	493817	496717	489607	2.02	cps
Calcium	44-1	7717499	8024344	8101923	7947922	2.56	cps
Chromium	52-2	307	363	343	338	8.51	cps
Cobalt	59-2	40	53	40	44	17.32	cps
Copper	63-2	9287	9423	9440	9383	0.90	cps
Dysprosium	156-1	133	150	167	150	11.11	cps
Dysprosium	156-2	70	47	53	57	21.21	cps
Erbium	164-1	192	142	175	169	15.03	cps
Erbium	164-2	37	27	40	34	20.14	cps
Gadolinium	160-1	167	200	133	167	20.00	cps
Gadolinium	160-2	40	80	50	57	36.74	cps
Holmium	165-1	5539799	5673545	5732049	5648464	1.74	cps
Holmium	165-2	1083257	1069445	1075776	1076160	0.64	cps
Indium	115-1	4254959	4330400	4445098	4343486	2.20	cps
Indium	115-2	172230	171547	171164	171647	0.31	cps
Iron	56-2	21969	21963	22296	22076	0.86	cps
Iron	57-2	611	606	656	624	4.39	cps
Lead	206-1	322255	335999	335237	331164	2.33	cps
Lead	207-1	249872	260223	257445	255847	2.09	cps
Lead	208-1	1193549	1238382	1237600	1223177	2.10	cps
Lithium	6-1	575421	593867	596867	588718	1.97	cps
Magnesium	24-2	392	308	217	306	28.65	cps
Manganese	55-2	353	350	377	360	4.04	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:29:47	DataFile Name :	034SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	383	267	328	17.86	cps
Molybdenum	95-1	83	58	58	67	21.65	cps
Molybdenum	96-1	192	175	158	175	9.53	cps
Molybdenum	97-1	67	67	25	53	45.58	cps
Molybdenum	98-1	100	125	117	114	11.18	cps
Neodymium	150-1	260	293	273	276	6.09	cps
Neodymium	150-2	30	67	33	43	46.80	cps
Nickel	60-2	470	417	437	441	6.11	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2084	1909	2084	2025	4.99	cps
Rhodium	103-1	3771823	3951372	3986822	3903339	2.95	cps
Rhodium	103-2	992135	979650	977611	983132	0.80	cps
Scandium	45-1	2140634	2160851	2188881	2163455	1.12	cps
Scandium	45-2	16266	15906	15993	16055	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-16	-4	57	12	319.67	cps
Silicon	28-1	435594	378629	421578	411933	7.21	cps
Silver	109-1	117	217	242	192	34.51	cps
Silver	107-1	175	142	142	153	12.60	cps
Sodium	23-2	10196	10221	9337	9918	5.07	cps
Strontium	86-1	56033	59480	58945	58153	3.19	cps
Strontium	88-1	490289	501302	508840	500144	1.87	cps
Sulfur	34-1	903547	923054	921917	916173	1.20	cps
Terbium	159-1	5670045	5816448	5862839	5783111	1.74	cps
Terbium	159-2	1042286	1021159	1030182	1031209	1.03	cps
Thallium	203-1	125	125	150	133	10.82	cps
Thallium	205-1	450	375	308	378	18.76	cps
Tin	118-1	1167	1509	1333	1336	12.79	cps
Titanium	47-1	533	742	959	745	28.59	cps
Uranium	238-1	242	250	250	247	1.95	cps
Vanadium	51-2	237	263	277	259	7.87	cps
Yttrium	89-1	4247920	4419053	4435652	4367541	2.38	cps
Yttrium	89-2	125097	123384	124652	124378	0.71	cps
Zinc	66-2	427	360	437	408	10.22	cps
Zirconium	90-1	342	558	1002	634	53.10	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:29:47	DataFile Name :	034SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	92	225	133	59.64	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:32:58	DataFile Name :	035SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	100	92	9.09	cps
Antimony	121-1	417	317	450	394	17.59	cps
Arsenic	75-2	30	26	9	22	50.22	cps
Barium	135-1	554880	563016	555113	557670	0.83	cps
Barium	137-1	970497	979610	973674	974594	0.47	cps
Beryllium	9-1	72	61	94	76	22.36	cps
Bismuth	209-1	4000149	4027653	4044597	4024133	0.56	cps
Bismuth	209-2	915301	914150	913425	914292	0.10	cps
Boron	10-1	267	350	258	292	17.38	cps
Boron	11-1	958	942	1033	978	4.99	cps
Cadmium	111-1	676	512	610	599	13.82	cps
Cadmium	106-1	883	667	792	781	13.93	cps
Cadmium	108-1	13	25	4	14	75.48	cps
Calcium	43-1	480250	485386	474588	480075	1.13	cps
Calcium	44-1	7841378	7863769	7790755	7831967	0.48	cps
Chromium	52-2	303	293	293	297	1.95	cps
Cobalt	59-2	57	67	63	62	8.18	cps
Copper	63-2	9050	9086	9046	9061	0.24	cps
Dysprosium	156-1	225	167	158	183	19.81	cps
Dysprosium	156-2	33	30	37	33	10.01	cps
Erbium	164-1	225	208	183	206	10.20	cps
Erbium	164-2	40	37	30	36	14.32	cps
Gadolinium	160-1	142	183	183	169	14.20	cps
Gadolinium	160-2	47	47	43	46	4.23	cps
Holmium	165-1	5803061	5778552	5805723	5795778	0.26	cps
Holmium	165-2	1085101	1087125	1083393	1085207	0.17	cps
Indium	115-1	4406271	4484148	4424182	4438200	0.92	cps
Indium	115-2	173407	173526	172573	173169	0.30	cps
Iron	56-2	20850	21457	22981	21762	5.04	cps
Iron	57-2	678	594	539	604	11.58	cps
Lead	206-1	329919	325953	327248	327707	0.62	cps
Lead	207-1	253979	253014	251717	252904	0.45	cps
Lead	208-1	1218625	1212033	1210608	1213756	0.35	cps
Lithium	6-1	603602	607652	602749	604668	0.43	cps
Magnesium	24-2	350	400	317	356	11.80	cps
Manganese	55-2	263	363	327	318	15.92	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:32:58	DataFile Name :	035SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	208	167	264	50.79	cps
Molybdenum	95-1	75	75	75	75	0.00	cps
Molybdenum	96-1	175	92	92	119	40.28	cps
Molybdenum	97-1	33	42	83	53	50.76	cps
Molybdenum	98-1	92	92	92	92	0.00	cps
Neodymium	150-1	207	380	253	280	32.03	cps
Neodymium	150-2	37	13	23	24	47.91	cps
Nickel	60-2	390	450	450	430	8.06	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2000	2050	2059	2036	1.55	cps
Rhodium	103-1	4033644	4042239	4003927	4026603	0.50	cps
Rhodium	103-2	993780	993682	993783	993748	0.01	cps
Scandium	45-1	2228979	2230492	2198559	2219343	0.81	cps
Scandium	45-2	15983	15899	15806	15896	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-24	75	-12	13	417.37	cps
Silicon	28-1	380667	389869	389718	386751	1.36	cps
Silver	109-1	208	167	183	186	11.27	cps
Silver	107-1	217	150	150	172	22.35	cps
Sodium	23-2	9662	9387	9495	9515	1.46	cps
Strontium	86-1	58200	56903	56427	57177	1.61	cps
Strontium	88-1	493432	494039	489426	492299	0.51	cps
Sulfur	34-1	912832	911549	908453	910945	0.25	cps
Terbium	159-1	5894554	5867005	5929680	5897080	0.53	cps
Terbium	159-2	1042305	1039514	1040356	1040725	0.14	cps
Thallium	203-1	125	183	192	167	21.79	cps
Thallium	205-1	383	442	500	442	13.21	cps
Tin	118-1	1208	1400	1550	1386	12.36	cps
Titanium	47-1	517	867	884	756	27.42	cps
Uranium	238-1	258	225	258	247	7.78	cps
Vanadium	51-2	237	283	233	251	11.13	cps
Yttrium	89-1	4494165	4495431	4474353	4487983	0.26	cps
Yttrium	89-2	125032	125803	125657	125497	0.33	cps
Zinc	66-2	387	320	390	366	10.80	cps
Zirconium	90-1	475	417	383	425	10.92	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-06DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8D	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:32:58	DataFile Name :	035SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	75	100	86	14.79	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LDLX50	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	50
Date & Time Acquired ::	2018-01-19 15:36:09	DataFile Name :	036SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	33	28	17.31	cps
Antimony	121-1	267	267	275	269	1.79	cps
Arsenic	75-2	9	9	11	10	10.81	cps
Barium	135-1	109535	109510	108660	109235	0.46	cps
Barium	137-1	187062	191322	190133	189506	1.16	cps
Beryllium	9-1	100	94	94	96	3.33	cps
Bismuth	209-1	4054060	3952919	4061279	4022753	1.51	cps
Bismuth	209-2	913042	901670	913817	909510	0.75	cps
Boron	10-1	233	233	208	225	6.42	cps
Boron	11-1	992	883	858	911	7.78	cps
Cadmium	111-1	605	671	536	604	11.18	cps
Cadmium	106-1	850	933	758	847	10.33	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	98485	96355	96901	97247	1.14	cps
Calcium	44-1	1591702	1607684	1620837	1606741	0.91	cps
Chromium	52-2	230	243	237	237	2.82	cps
Cobalt	59-2	57	50	33	47	25.76	cps
Copper	63-2	1854	1893	2696	2148	22.12	cps
Dysprosium	156-1	42	50	17	36	48.03	cps
Dysprosium	156-2	10	13	0	8	89.21	cps
Erbium	164-1	42	25	83	50	60.09	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	42	58	92	64	39.85	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	5771908	5705340	5886920	5788056	1.59	cps
Holmium	165-2	1070285	1064727	1073050	1069354	0.40	cps
Indium	115-1	4474843	4394090	4490310	4453081	1.16	cps
Indium	115-2	170984	171018	170289	170764	0.24	cps
Iron	56-2	5001	5629	5440	5357	6.02	cps
Iron	57-2	89	106	150	115	27.52	cps
Lead	206-1	66323	65256	65139	65573	1.00	cps
Lead	207-1	51137	49302	50294	50244	1.83	cps
Lead	208-1	243233	240605	242547	242129	0.56	cps
Lithium	6-1	612697	604289	609622	608869	0.70	cps
Magnesium	24-2	242	383	292	306	23.51	cps
Manganese	55-2	87	87	107	93	12.37	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LDLX50	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	50
Date & Time Acquired ::	2018-01-19 15:36:09	DataFile Name :	036SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	108	67	103	32.77	cps
Molybdenum	95-1	75	67	42	61	28.38	cps
Molybdenum	96-1	83	92	100	92	9.09	cps
Molybdenum	97-1	42	58	33	44	28.65	cps
Molybdenum	98-1	58	92	58	69	27.71	cps
Neodymium	150-1	60	33	20	38	53.91	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	413	373	367	384	6.57	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1959	2217	2034	2070	6.42	cps
Rhodium	103-1	4056048	3954848	4050717	4020538	1.42	cps
Rhodium	103-2	975672	976179	983275	978376	0.43	cps
Scandium	45-1	2247502	2189199	2254937	2230546	1.61	cps
Scandium	45-2	15832	16076	16236	16048	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	17	10	-28	0	-7138.94	cps
Silicon	28-1	330995	328575	331162	330244	0.44	cps
Silver	109-1	117	92	92	100	14.43	cps
Silver	107-1	125	133	83	114	23.52	cps
Sodium	23-2	8661	8895	8495	8684	2.32	cps
Strontium	86-1	12581	12198	11530	12103	4.39	cps
Strontium	88-1	97631	98957	97523	98037	0.81	cps
Sulfur	34-1	446595	448707	446835	447379	0.26	cps
Terbium	159-1	5936212	5784566	5924281	5881687	1.43	cps
Terbium	159-2	1026589	1017599	1028549	1024246	0.57	cps
Thallium	203-1	308	258	217	261	17.58	cps
Thallium	205-1	592	525	517	544	7.55	cps
Tin	118-1	625	2720	667	1337	89.56	cps
Titanium	47-1	125	158	217	167	27.84	cps
Uranium	238-1	100	83	117	100	16.66	cps
Vanadium	51-2	53	67	67	62	12.38	cps
Yttrium	89-1	4493673	4443524	4513847	4483682	0.81	cps
Yttrium	89-2	123311	122426	122637	122791	0.38	cps
Zinc	66-2	123	160	190	158	21.16	cps
Zirconium	90-1	325	258	292	292	11.43	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-05LDLX50	Instrumnet Name :	P8
Client Sample ID :	MB0AE8L	Dilution Factor :	50
Date & Time Acquired ::	2018-01-19 15:36:09	DataFile Name :	036SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	33	67	67	50.00	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:39:20	DataFile Name :	037SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	242	217	219	9.56	cps
Antimony	121-1	14367	14066	14183	14205	1.07	cps
Arsenic	75-2	111	87	67	88	25.20	cps
Barium	135-1	664931	664043	664218	664397	0.07	cps
Barium	137-1	1165755	1172317	1163967	1167346	0.38	cps
Beryllium	9-1	728	700	733	720	2.48	cps
Bismuth	209-1	4037116	4052163	4062639	4050639	0.32	cps
Bismuth	209-2	910004	913518	865250	896258	3.00	cps
Boron	10-1	183	150	133	156	16.37	cps
Boron	11-1	858	1008	742	870	15.38	cps
Cadmium	111-1	1884	2114	2199	2065	7.89	cps
Cadmium	106-1	725	1058	1050	945	20.13	cps
Cadmium	108-1	129	117	88	111	19.24	cps
Calcium	43-1	513916	519064	512335	515105	0.68	cps
Calcium	44-1	8327523	8419253	8423851	8390209	0.65	cps
Chromium	52-2	2350	2610	2327	2429	6.48	cps
Cobalt	59-2	11795	11562	11412	11589	1.67	cps
Copper	63-2	14781	14955	14805	14847	0.63	cps
Dysprosium	156-1	167	233	175	192	18.95	cps
Dysprosium	156-2	60	33	40	44	31.23	cps
Erbium	164-1	275	167	158	200	32.54	cps
Erbium	164-2	30	33	27	30	11.10	cps
Gadolinium	160-1	225	125	200	183	28.38	cps
Gadolinium	160-2	20	30	53	34	49.66	cps
Holmium	165-1	5820859	5889311	5775179	5828450	0.99	cps
Holmium	165-2	1084594	1082088	1024399	1063693	3.20	cps
Indium	115-1	4474604	4417382	4462054	4451347	0.68	cps
Indium	115-2	173640	173141	162900	169894	3.57	cps
Iron	56-2	29571	29610	29432	29538	0.32	cps
Iron	57-2	811	800	750	787	4.14	cps
Lead	206-1	360325	357378	355701	357802	0.65	cps
Lead	207-1	274601	275500	273954	274685	0.28	cps
Lead	208-1	1329890	1324334	1317528	1323917	0.47	cps
Lithium	6-1	608460	611213	605921	608531	0.43	cps
Magnesium	24-2	317	517	483	439	24.42	cps
Manganese	55-2	1723	1740	1703	1722	1.07	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:39:20	DataFile Name :	037SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	183	250	228	16.90	cps
Molybdenum	95-1	25	75	75	58	49.49	cps
Molybdenum	96-1	108	108	117	111	4.33	cps
Molybdenum	97-1	58	33	58	50	28.88	cps
Molybdenum	98-1	108	133	83	108	23.08	cps
Neodymium	150-1	333	353	400	362	9.44	cps
Neodymium	150-2	47	30	33	37	24.06	cps
Nickel	60-2	3571	3704	3704	3659	2.10	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	1909	1959	2100	1989	5.00	cps
Rhodium	103-1	4054108	4039674	4024604	4039462	0.37	cps
Rhodium	103-2	994782	996380	937582	976248	3.43	cps
Scandium	45-1	2243780	2241133	2212493	2232469	0.78	cps
Scandium	45-2	16380	16086	15375	15947	3.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	9	6	66.68	cps
Selenium	82-1	251	187	133	190	30.90	cps
Silicon	28-1	380949	396502	503114	426855	15.58	cps
Silver	109-1	6560	6769	6102	6477	5.27	cps
Silver	107-1	7036	6869	6293	6733	5.78	cps
Sodium	23-2	9320	9078	9303	9234	1.46	cps
Strontium	86-1	62284	62468	60895	61883	1.39	cps
Strontium	88-1	528968	535892	531118	531993	0.67	cps
Sulfur	34-1	955461	953741	958352	955851	0.24	cps
Terbium	159-1	6018584	5958963	5936990	5971512	0.71	cps
Terbium	159-2	1038947	1042072	983056	1021358	3.25	cps
Thallium	203-1	6077	5693	6319	6029	5.23	cps
Thallium	205-1	14409	14768	14667	14615	1.27	cps
Tin	118-1	1483	1567	1475	1508	3.36	cps
Titanium	47-1	758	683	667	703	6.95	cps
Uranium	238-1	350	242	242	278	22.52	cps
Vanadium	51-2	4094	4061	4174	4110	1.42	cps
Yttrium	89-1	4536883	4588317	4564066	4563089	0.56	cps
Yttrium	89-2	124467	125891	117259	122539	3.78	cps
Zinc	66-2	1283	1340	1323	1316	2.21	cps
Zirconium	90-1	633	533	617	595	9.01	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	J1217-07DLX10	Instrumnet Name :	P8
Client Sample ID :	MB0AE8S	Dilution Factor :	10
Date & Time Acquired ::	2018-01-19 15:39:20	DataFile Name :	037SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	50	150	92	56.78	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:55:39	DataFile Name :	039CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163802	165479	162115	163799	1.03	cps
Antimony	121-1	3347471	3351806	3349638	3349638	0.06	cps
Arsenic	75-2	32778	32030	32444	32417	1.16	cps
Barium	135-1	3588214	3580781	3553784	3574260	0.51	cps
Barium	137-1	6158512	6130632	6197935	6162360	0.55	cps
Beryllium	9-1	329519	330165	326614	328766	0.58	cps
Bismuth	209-1	3789742	3753562	3759397	3767567	0.52	cps
Bismuth	209-2	830959	831169	834429	832186	0.23	cps
Boron	10-1	35762	37575	37558	36965	2.82	cps
Boron	11-1	169407	173015	175158	172527	1.68	cps
Cadmium	111-1	669678	664725	666160	666854	0.38	cps
Cadmium	106-1	68114	67955	69395	68488	1.15	cps
Cadmium	108-1	47287	47743	47530	47520	0.48	cps
Calcium	43-1	3013614	3033164	3008776	3018518	0.43	cps
Calcium	44-1	48382903	48081951	48472070	48312308	0.42	cps
Chromium	52-2	235843	237653	237998	237165	0.49	cps
Cobalt	59-2	510299	508936	512710	510648	0.37	cps
Copper	63-2	879625	883045	881207	881292	0.19	cps
Dysprosium	156-1	33	83	25	47	66.82	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	25	75	42	69.28	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	75	58	25	53	48.24	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Holmium	165-1	5670184	5647299	5608545	5642009	0.55	cps
Holmium	165-2	1041450	1042679	1041929	1042020	0.06	cps
Indium	115-1	4122725	4096669	4109430	4109608	0.32	cps
Indium	115-2	157176	156211	157290	156892	0.38	cps
Iron	56-2	39114051	38594783	38625276	38778037	0.75	cps
Iron	57-2	976913	981342	978986	979081	0.23	cps
Lead	206-1	2325720	2331447	2343269	2333479	0.38	cps
Lead	207-1	2148407	2152846	2174306	2158520	0.64	cps
Lead	208-1	9526068	9578677	9615988	9573578	0.47	cps
Lithium	6-1	565553	570214	573043	569603	0.66	cps
Magnesium	24-2	3853718	3857757	3872250	3861241	0.25	cps
Manganese	55-2	131559	132729	134220	132836	1.00	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:55:39	DataFile Name :	039CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5364738	5321104	5373170	5353004	0.52	cps
Molybdenum	95-1	6647033	6639952	6664100	6650362	0.19	cps
Molybdenum	96-1	7361281	7379066	7335778	7358708	0.30	cps
Molybdenum	97-1	4150512	4062831	4111073	4108138	1.07	cps
Molybdenum	98-1	10708862	10612273	10633779	10651638	0.48	cps
Neodymium	150-1	193	180	187	187	3.57	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	149963	149468	148896	149442	0.36	cps
Phosphorus	31-2	2300	2359	2075	2245	6.67	cps
Potassium	39-2	1128948	1123328	1115416	1122564	0.61	cps
Rhodium	103-1	3676113	3683288	3682334	3680578	0.11	cps
Rhodium	103-2	890650	895968	886986	891201	0.51	cps
Scandium	45-1	2140583	2123297	2119868	2127916	0.52	cps
Scandium	45-2	15025	15052	15395	15157	1.36	cps
Selenium	77-2	193	190	220	201	8.18	cps
Selenium	78-2	680	724	670	691	4.15	cps
Selenium	82-1	41355	41408	41355	41373	0.07	cps
Silicon	28-1	1407250	1411312	1435376	1417979	1.07	cps
Silver	109-1	3165547	3145791	3129848	3147062	0.57	cps
Silver	107-1	3291733	3222541	3250979	3255084	1.07	cps
Sodium	23-2	9018388	8985696	8999665	9001250	0.18	cps
Strontium	86-1	858113	846226	860286	854875	0.89	cps
Strontium	88-1	7464476	7450431	7429860	7448256	0.23	cps
Sulfur	34-1	455062	460338	460985	458795	0.71	cps
Terbium	159-1	5736598	5724312	5766914	5742608	0.38	cps
Terbium	159-2	992232	990393	991201	991275	0.09	cps
Thallium	203-1	2872826	2842473	2874865	2863388	0.63	cps
Thallium	205-1	6699136	6754624	6766476	6740079	0.53	cps
Tin	118-1	2273846	2277918	2244398	2265387	0.81	cps
Titanium	47-1	1567597	1540063	1555800	1554487	0.89	cps
Uranium	238-1	9769669	9834433	9777295	9793799	0.36	cps
Vanadium	51-2	179246	179875	179966	179696	0.22	cps
Yttrium	89-1	4293239	4351863	4353700	4332934	0.79	cps
Yttrium	89-2	119110	118431	118357	118633	0.35	cps
Zinc	66-2	81129	81890	81608	81542	0.47	cps
Zirconium	90-1	4521714	4523947	4558541	4534734	0.46	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:55:39	DataFile Name :	039CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	991187	988217	998253	992552	0.52	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P8
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 15:59:27 DataFile Name : 040CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	33	17	99.99	cps
Antimony	121-1	1559	1525	1567	1550	1.42	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	83	25	25	44	75.78	cps
Barium	137-1	92	142	92	108	26.65	cps
Beryllium	9-1	244	244	183	224	15.75	cps
Bismuth	209-1	3886205	3962132	3861433	3903256	1.34	cps
Bismuth	209-2	884151	882007	882156	882772	0.14	cps
Boron	10-1	1042	983	1050	1025	3.54	cps
Boron	11-1	4451	4609	4301	4454	3.46	cps
Cadmium	111-1	435	615	494	514	17.88	cps
Cadmium	106-1	583	825	667	692	17.75	cps
Cadmium	108-1	4	0	21	8	132.26	cps
Calcium	43-1	558	525	633	572	9.70	cps
Calcium	44-1	11505	11855	11614	11658	1.54	cps
Chromium	52-2	223	220	247	230	6.32	cps
Cobalt	59-2	63	57	47	56	15.09	cps
Copper	63-2	133	103	203	147	34.99	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	5548090	5536630	5505083	5529934	0.40	cps
Holmium	165-2	1040355	1037746	1037150	1038417	0.16	cps
Indium	115-1	4208946	4267601	4184158	4220235	1.02	cps
Indium	115-2	165145	165587	164552	165095	0.31	cps
Iron	56-2	2673	2439	2661	2591	5.08	cps
Iron	57-2	39	56	33	43	27.16	cps
Lead	206-1	767	845	650	754	12.99	cps
Lead	207-1	683	733	672	696	4.68	cps
Lead	208-1	3145	3334	3011	3163	5.12	cps
Lithium	6-1	576884	586453	576920	580086	0.95	cps
Magnesium	24-2	258	317	258	278	12.12	cps
Manganese	55-2	17	27	40	28	42.13	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:59:27	DataFile Name :	040CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	292	300	311	8.61	cps
Molybdenum	95-1	317	325	233	292	17.38	cps
Molybdenum	96-1	367	325	392	361	9.33	cps
Molybdenum	97-1	233	150	175	186	22.98	cps
Molybdenum	98-1	500	425	458	461	8.15	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	383	383	350	372	5.17	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2075	2009	2142	2075	3.21	cps
Rhodium	103-1	3854285	3850099	3827748	3844044	0.37	cps
Rhodium	103-2	945327	945053	953173	947851	0.49	cps
Scandium	45-1	2118480	2132898	2120865	2124081	0.36	cps
Scandium	45-2	15712	15045	15502	15420	2.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-88	-17	-73	-59	-63.35	cps
Silicon	28-1	314856	305955	307638	309483	1.53	cps
Silver	109-1	150	142	125	139	9.16	cps
Silver	107-1	158	183	158	167	8.66	cps
Sodium	23-2	9112	9312	9354	9259	1.40	cps
Strontium	86-1	433	542	533	503	11.99	cps
Strontium	88-1	100	150	133	128	19.93	cps
Sulfur	34-1	289269	293007	291695	291323	0.65	cps
Terbium	159-1	5583085	5657815	5613824	5618241	0.67	cps
Terbium	159-2	995243	989644	990375	991754	0.31	cps
Thallium	203-1	775	800	775	783	1.84	cps
Thallium	205-1	1734	1842	1775	1784	3.07	cps
Tin	118-1	700	733	658	697	5.39	cps
Titanium	47-1	125	92	108	108	15.39	cps
Uranium	238-1	117	67	42	75	50.92	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	4269058	4312318	4297828	4293068	0.51	cps
Yttrium	89-2	119538	119268	119981	119596	0.30	cps
Zinc	66-2	13	30	23	22	37.76	cps
Zirconium	90-1	442	450	425	439	2.90	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 15:59:27	DataFile Name :	040CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	67	92	83	17.32	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-8	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:03:53	DataFile Name :	041SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	17	42	39	53.93	cps
Antimony	121-1	4901	5001	4626	4843	4.01	cps
Arsenic	75-2	28	56	33	39	37.80	cps
Barium	135-1	4684	4268	4226	4393	5.77	cps
Barium	137-1	7211	7719	7894	7608	4.67	cps
Beryllium	9-1	561	611	556	576	5.31	cps
Bismuth	209-1	3946392	3923375	3893173	3920980	0.68	cps
Bismuth	209-2	829944	881265	879697	863635	3.38	cps
Boron	10-1	442	467	442	450	3.21	cps
Boron	11-1	2267	2150	2075	2164	4.46	cps
Cadmium	111-1	1311	1380	1378	1356	2.90	cps
Cadmium	106-1	783	825	875	828	5.54	cps
Cadmium	108-1	83	92	79	85	7.51	cps
Calcium	43-1	1325	1584	1325	1411	10.57	cps
Calcium	44-1	23955	23379	23162	23498	1.74	cps
Chromium	52-2	570	520	530	540	4.90	cps
Cobalt	59-2	730	667	677	691	4.93	cps
Copper	63-2	1420	1423	1320	1388	4.23	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	5593893	5561128	5527923	5560981	0.59	cps
Holmium	165-2	978000	1039612	1032192	1016601	3.31	cps
Indium	115-1	4301389	4209984	4242533	4251302	1.09	cps
Indium	115-2	155795	165578	165642	162338	3.49	cps
Iron	56-2	12056	12117	12017	12063	0.42	cps
Iron	57-2	261	278	250	263	5.32	cps
Lead	206-1	3484	3590	3517	3530	1.53	cps
Lead	207-1	3306	3267	3023	3199	4.80	cps
Lead	208-1	14598	14620	13909	14376	2.81	cps
Lithium	6-1	586266	584062	587400	585909	0.29	cps
Magnesium	24-2	1183	1225	1208	1206	1.74	cps
Manganese	55-2	140	190	207	179	19.40	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-8	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:03:53	DataFile Name :	041SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6702	6660	7035	6799	3.02	cps
Molybdenum	95-1	8228	8203	8044	8158	1.22	cps
Molybdenum	96-1	9095	9037	8995	9042	0.56	cps
Molybdenum	97-1	5560	5101	4934	5198	6.23	cps
Molybdenum	98-1	13466	12948	12798	13071	2.68	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	587	580	577	581	0.88	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2575	2117	2167	2286	11.00	cps
Rhodium	103-1	3864332	3829634	3883620	3859195	0.71	cps
Rhodium	103-2	893377	945658	944182	927739	3.21	cps
Scandium	45-1	2146866	2121483	2137308	2135219	0.60	cps
Scandium	45-2	13867	15485	15052	14801	5.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	17	75	83	58	62.17	cps
Silicon	28-1	309909	303761	308992	307554	1.08	cps
Silver	109-1	650	650	617	639	3.01	cps
Silver	107-1	733	583	600	639	12.87	cps
Sodium	23-2	11413	11380	11288	11361	0.57	cps
Strontium	86-1	1400	1584	1634	1539	7.98	cps
Strontium	88-1	9479	9028	8895	9134	3.35	cps
Sulfur	34-1	294509	294286	290603	293133	0.75	cps
Terbium	159-1	5746740	5702750	5684709	5711400	0.56	cps
Terbium	159-2	935345	994323	987027	972232	3.31	cps
Thallium	203-1	4059	3876	3717	3884	4.40	cps
Thallium	205-1	9204	8770	9262	9079	2.96	cps
Tin	118-1	3392	3334	3067	3264	5.31	cps
Titanium	47-1	2125	2109	1900	2045	6.13	cps
Uranium	238-1	11598	11481	11798	11625	1.38	cps
Vanadium	51-2	200	187	230	206	10.80	cps
Yttrium	89-1	4341309	4334701	4283548	4319853	0.73	cps
Yttrium	89-2	112097	118801	119373	116757	3.47	cps
Zinc	66-2	143	73	130	116	32.17	cps
Zirconium	90-1	5902	5443	6077	5807	5.63	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-8	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:03:53	DataFile Name :	041SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1317	1275	1125	1239	8.14	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-9	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:10:16	DataFile Name :	043SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	42	47	36.73	cps
Antimony	121-1	4126	4268	4093	4162	2.23	cps
Arsenic	75-2	43	43	20	35	36.46	cps
Barium	135-1	4034	4067	4293	4131	3.40	cps
Barium	137-1	7011	7477	7327	7272	3.28	cps
Beryllium	9-1	556	594	594	582	3.86	cps
Bismuth	209-1	3583750	3926334	3729769	3746618	4.59	cps
Bismuth	209-2	878754	886045	872936	879245	0.75	cps
Boron	10-1	375	483	442	433	12.61	cps
Boron	11-1	1825	1925	1975	1909	4.00	cps
Cadmium	111-1	1122	1556	1301	1326	16.47	cps
Cadmium	106-1	717	950	875	847	14.06	cps
Cadmium	108-1	67	54	71	64	13.58	cps
Calcium	43-1	1425	1267	1133	1275	11.45	cps
Calcium	44-1	22244	22878	22703	22608	1.45	cps
Chromium	52-2	523	520	537	527	1.67	cps
Cobalt	59-2	640	640	767	682	10.72	cps
Copper	63-2	1270	1317	1290	1292	1.81	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	25	58	31	83.33	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	5056983	5617760	5255965	5310236	5.35	cps
Holmium	165-2	1034529	1046874	1027614	1036339	0.94	cps
Indium	115-1	3877657	4274573	4065014	4072415	4.88	cps
Indium	115-2	165004	166197	162583	164595	1.12	cps
Iron	56-2	12128	11961	11388	11826	3.28	cps
Iron	57-2	272	289	233	265	10.77	cps
Lead	206-1	3401	3567	3345	3438	3.37	cps
Lead	207-1	3012	3339	3101	3150	5.38	cps
Lead	208-1	12931	14181	13687	13600	4.63	cps
Lithium	6-1	547439	598229	563767	569812	4.55	cps
Magnesium	24-2	1167	1142	1125	1145	1.83	cps
Manganese	55-2	187	167	183	179	5.99	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-9	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:10:16	DataFile Name :	043SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5701	6877	6002	6193	9.86	cps
Molybdenum	95-1	7269	7603	7719	7530	3.10	cps
Molybdenum	96-1	8069	8937	8561	8523	5.10	cps
Molybdenum	97-1	4776	4818	4751	4782	0.70	cps
Molybdenum	98-1	12281	13324	12306	12637	4.71	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	557	593	557	569	3.72	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2192	2184	2284	2220	2.50	cps
Rhodium	103-1	3525188	3851180	3680331	3685566	4.42	cps
Rhodium	103-2	949735	952991	939821	947516	0.72	cps
Scandium	45-1	1918896	2111891	1988073	2006286	4.87	cps
Scandium	45-2	15455	15315	14791	15187	2.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	28	42	49	40	27.74	cps
Silicon	28-1	307372	313106	315316	311932	1.31	cps
Silver	109-1	592	675	633	633	6.58	cps
Silver	107-1	542	592	533	556	5.68	cps
Sodium	23-2	10388	10930	11330	10882	4.35	cps
Strontium	86-1	1517	1483	1250	1417	10.26	cps
Strontium	88-1	8228	9153	8737	8706	5.32	cps
Sulfur	34-1	298704	303055	298353	300037	0.87	cps
Terbium	159-1	5160518	5747329	5317107	5408318	5.62	cps
Terbium	159-2	998853	996017	977500	990790	1.17	cps
Thallium	203-1	3492	3534	3459	3495	1.08	cps
Thallium	205-1	9037	9120	9154	9104	0.66	cps
Tin	118-1	3084	3142	3109	3112	0.94	cps
Titanium	47-1	2009	2142	1959	2036	4.65	cps
Uranium	238-1	10555	11931	10680	11055	6.88	cps
Vanadium	51-2	220	250	203	224	10.54	cps
Yttrium	89-1	3976570	4309055	4089822	4125149	4.10	cps
Yttrium	89-2	119732	118243	115849	117942	1.66	cps
Zinc	66-2	110	140	127	126	11.97	cps
Zirconium	90-1	5201	5335	5276	5271	1.27	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-9	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:10:16	DataFile Name :	043SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1092	1117	1342	1183	11.64	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-10	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:16:39	DataFile Name :	045SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	108	64	60.24	cps
Antimony	121-1	5460	5168	5301	5310	2.75	cps
Arsenic	75-2	61	56	70	62	12.00	cps
Barium	135-1	5343	5343	5260	5315	0.90	cps
Barium	137-1	8887	8987	8336	8737	4.01	cps
Beryllium	9-1	628	656	667	650	3.08	cps
Bismuth	209-1	4125059	4094475	4101551	4107028	0.39	cps
Bismuth	209-2	820378	915038	916063	883826	6.22	cps
Boron	10-1	400	375	333	369	9.12	cps
Boron	11-1	1525	1467	1483	1492	2.01	cps
Cadmium	111-1	1560	1675	1546	1594	4.45	cps
Cadmium	106-1	700	833	767	767	8.70	cps
Cadmium	108-1	79	83	100	88	12.60	cps
Calcium	43-1	1659	1759	1667	1695	3.27	cps
Calcium	44-1	27703	27436	27695	27611	0.55	cps
Chromium	52-2	527	560	563	550	3.69	cps
Cobalt	59-2	917	983	810	903	9.68	cps
Copper	63-2	1483	1720	1733	1646	8.55	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5808576	5787891	5818536	5805001	0.27	cps
Holmium	165-2	965472	1069074	1075874	1036807	5.97	cps
Indium	115-1	4399468	4416723	4415371	4410520	0.22	cps
Indium	115-2	152529	168197	169592	163439	5.80	cps
Iron	56-2	14753	15231	14347	14777	3.00	cps
Iron	57-2	389	289	372	350	15.31	cps
Lead	206-1	4379	3684	4229	4097	8.92	cps
Lead	207-1	3673	3862	3662	3732	3.01	cps
Lead	208-1	17305	16683	16571	16853	2.35	cps
Lithium	6-1	618632	623258	625211	622367	0.54	cps
Magnesium	24-2	1600	1433	1692	1575	8.32	cps
Manganese	55-2	230	243	220	231	5.06	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-10	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:16:39	DataFile Name :	045SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7728	7519	7786	7678	1.83	cps
Molybdenum	95-1	9162	9270	9445	9292	1.54	cps
Molybdenum	96-1	10530	10913	10313	10585	2.87	cps
Molybdenum	97-1	6110	5893	5977	5993	1.82	cps
Molybdenum	98-1	15801	15167	15067	15345	2.59	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	690	707	717	704	1.91	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2259	2367	2200	2275	3.72	cps
Rhodium	103-1	3995300	4004595	4008219	4002705	0.17	cps
Rhodium	103-2	880566	975316	973776	943219	5.75	cps
Scandium	45-1	2190548	2179942	2208917	2193136	0.67	cps
Scandium	45-2	14311	15035	15342	14896	3.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	63	65	71	66	6.88	cps
Silicon	28-1	316000	315306	312031	314446	0.67	cps
Silver	109-1	983	842	1033	953	10.44	cps
Silver	107-1	975	792	1025	931	13.20	cps
Sodium	23-2	11697	11780	11513	11664	1.17	cps
Strontium	86-1	1800	1634	1859	1764	6.62	cps
Strontium	88-1	11530	11822	11664	11672	1.25	cps
Sulfur	34-1	308431	310337	309915	309561	0.32	cps
Terbium	159-1	5979381	5897998	5940545	5939308	0.69	cps
Terbium	159-2	921424	1017883	1024533	987947	5.84	cps
Thallium	203-1	4726	5035	4643	4801	4.30	cps
Thallium	205-1	11581	11756	11673	11670	0.75	cps
Tin	118-1	3901	4034	4451	4129	6.95	cps
Titanium	47-1	2184	2109	2209	2167	2.40	cps
Uranium	238-1	14275	14100	14567	14314	1.65	cps
Vanadium	51-2	330	273	297	300	9.49	cps
Yttrium	89-1	4472254	4482728	4413650	4456211	0.84	cps
Yttrium	89-2	110872	121764	121733	118123	5.32	cps
Zinc	66-2	227	163	177	189	17.68	cps
Zirconium	90-1	6744	6627	6068	6480	5.57	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-10	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:16:39	DataFile Name :	045SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1533	1358	1617	1503	8.77	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-11	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:24:04	DataFile Name :	047SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	58	44	39.04	cps
Antimony	121-1	4851	4126	4218	4398	8.98	cps
Arsenic	75-2	57	44	44	49	15.36	cps
Barium	135-1	4226	4343	4509	4359	3.27	cps
Barium	137-1	7661	7819	7461	7647	2.35	cps
Beryllium	9-1	572	494	578	548	8.50	cps
Bismuth	209-1	4056315	4041399	4049979	4049231	0.18	cps
Bismuth	209-2	855728	879935	902122	879262	2.64	cps
Boron	10-1	317	292	267	292	8.57	cps
Boron	11-1	1183	1375	1492	1350	11.53	cps
Cadmium	111-1	1287	1298	1292	1292	0.40	cps
Cadmium	106-1	717	733	767	739	3.44	cps
Cadmium	108-1	63	58	58	60	4.03	cps
Calcium	43-1	1125	1417	1659	1400	19.08	cps
Calcium	44-1	24163	22235	23537	23312	4.22	cps
Chromium	52-2	470	513	567	517	9.37	cps
Cobalt	59-2	737	753	643	711	8.34	cps
Copper	63-2	1293	1373	1287	1318	3.66	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	58	33	25	39	44.62	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	5800309	5749080	5753783	5767724	0.49	cps
Holmium	165-2	1000813	1039514	1063591	1034639	3.06	cps
Indium	115-1	4422525	4353477	4391323	4389109	0.79	cps
Indium	115-2	159879	163858	168297	164012	2.57	cps
Iron	56-2	12094	11611	11522	11742	2.62	cps
Iron	57-2	294	344	350	330	9.28	cps
Lead	206-1	3634	3373	3445	3484	3.87	cps
Lead	207-1	2956	3173	3056	3062	3.54	cps
Lead	208-1	14115	13953	13792	13953	1.16	cps
Lithium	6-1	623162	619863	617548	620191	0.45	cps
Magnesium	24-2	1392	1358	1150	1300	10.07	cps
Manganese	55-2	173	210	223	202	12.80	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-11	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:24:04	DataFile Name :	047SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6569	6502	6885	6652	3.08	cps
Molybdenum	95-1	8411	8111	7803	8108	3.75	cps
Molybdenum	96-1	9154	8920	9345	9140	2.33	cps
Molybdenum	97-1	5485	5201	5576	5421	3.61	cps
Molybdenum	98-1	13349	12657	12848	12951	2.76	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	540	683	500	574	16.78	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2125	2234	2192	2184	2.50	cps
Rhodium	103-1	4025006	3927643	3932339	3961663	1.39	cps
Rhodium	103-2	921015	938713	964664	941464	2.33	cps
Scandium	45-1	2162304	2170908	2165131	2166114	0.20	cps
Scandium	45-2	14431	15048	15409	14963	3.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	94	41	18	51	76.78	cps
Silicon	28-1	317100	309829	312224	313051	1.18	cps
Silver	109-1	658	625	500	594	14.04	cps
Silver	107-1	667	608	550	608	9.59	cps
Sodium	23-2	10554	10146	10396	10365	1.99	cps
Strontium	86-1	1583	1600	1592	1592	0.52	cps
Strontium	88-1	9454	9112	9329	9298	1.86	cps
Sulfur	34-1	308621	308736	310289	309215	0.30	cps
Terbium	159-1	5844487	5858462	5870626	5857858	0.22	cps
Terbium	159-2	970301	991894	1017363	993186	2.37	cps
Thallium	203-1	3909	3826	3917	3884	1.31	cps
Thallium	205-1	9037	9087	8987	9037	0.55	cps
Tin	118-1	3451	3084	3117	3217	6.30	cps
Titanium	47-1	1900	1967	2134	2000	6.01	cps
Uranium	238-1	11773	12398	12357	12176	2.87	cps
Vanadium	51-2	220	253	203	226	11.29	cps
Yttrium	89-1	4469523	4400264	4370802	4413530	1.15	cps
Yttrium	89-2	114771	117753	121544	118023	2.88	cps
Zinc	66-2	150	153	143	149	3.42	cps
Zirconium	90-1	6143	5485	6118	5915	6.31	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-11	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:24:04	DataFile Name :	047SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1292	1200	1233	1242	3.74	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-12	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:27:15	DataFile Name :	048SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	42	58	37.80	cps
Antimony	121-1	4559	4351	4401	4437	2.45	cps
Arsenic	75-2	63	43	44	50	22.53	cps
Barium	135-1	4884	4034	4609	4509	9.62	cps
Barium	137-1	7452	7502	7694	7550	1.69	cps
Beryllium	9-1	428	467	472	456	5.32	cps
Bismuth	209-1	4048404	4053189	4005184	4035592	0.66	cps
Bismuth	209-2	910617	896754	897071	901481	0.88	cps
Boron	10-1	258	308	325	297	11.67	cps
Boron	11-1	1217	1292	1308	1272	3.84	cps
Cadmium	111-1	1394	1459	1477	1443	3.02	cps
Cadmium	106-1	792	742	850	795	6.82	cps
Cadmium	108-1	63	63	50	58	12.37	cps
Calcium	43-1	1342	1500	1242	1361	9.57	cps
Calcium	44-1	23237	23554	23621	23470	0.87	cps
Chromium	52-2	473	533	500	502	5.99	cps
Cobalt	59-2	713	750	753	739	3.00	cps
Copper	63-2	1313	1417	1317	1349	4.35	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5735557	5695550	5724029	5718379	0.36	cps
Holmium	165-2	1073944	1056010	1058361	1062772	0.92	cps
Indium	115-1	4386747	4341966	4330132	4352948	0.69	cps
Indium	115-2	170199	167701	167953	168618	0.82	cps
Iron	56-2	11805	11905	11694	11802	0.90	cps
Iron	57-2	294	372	267	311	17.59	cps
Lead	206-1	3478	3423	3289	3397	2.86	cps
Lead	207-1	3073	3262	3173	3169	2.98	cps
Lead	208-1	13970	13575	13909	13818	1.54	cps
Lithium	6-1	617992	613239	617919	616383	0.44	cps
Magnesium	24-2	1142	1400	1300	1281	10.17	cps
Manganese	55-2	213	197	123	178	26.93	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-12	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:27:15	DataFile Name :	048SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6252	6185	6652	6363	3.97	cps
Molybdenum	95-1	8286	7978	8019	8094	2.07	cps
Molybdenum	96-1	9028	9237	8695	8987	3.04	cps
Molybdenum	97-1	5143	4968	4976	5029	1.96	cps
Molybdenum	98-1	12915	13090	13090	13032	0.78	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	487	610	640	579	14.04	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2450	2317	2084	2284	8.13	cps
Rhodium	103-1	3963963	3931311	3930993	3942089	0.48	cps
Rhodium	103-2	973378	967616	966520	969171	0.38	cps
Scandium	45-1	2169094	2161255	2146273	2158874	0.54	cps
Scandium	45-2	15385	15095	15352	15277	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	76	-91	37	8	1147.18	cps
Silicon	28-1	314039	314483	313682	314068	0.13	cps
Silver	109-1	558	600	583	581	3.61	cps
Silver	107-1	600	608	642	617	3.58	cps
Sodium	23-2	10788	9804	10154	10249	4.87	cps
Strontium	86-1	1483	1692	1559	1578	6.69	cps
Strontium	88-1	9370	9587	9145	9368	2.36	cps
Sulfur	34-1	310108	308178	308082	308789	0.37	cps
Terbium	159-1	5867571	5838488	5808317	5838125	0.51	cps
Terbium	159-2	1031201	1006447	1012872	1016840	1.26	cps
Thallium	203-1	3842	4076	3509	3809	7.48	cps
Thallium	205-1	9129	8962	8770	8954	2.00	cps
Tin	118-1	3417	3092	3192	3234	5.15	cps
Titanium	47-1	1942	2109	2067	2039	4.25	cps
Uranium	238-1	11756	12674	11965	12131	3.96	cps
Vanadium	51-2	203	220	267	230	14.27	cps
Yttrium	89-1	4406761	4397844	4422045	4408884	0.28	cps
Yttrium	89-2	121555	120661	120475	120897	0.48	cps
Zinc	66-2	107	93	120	107	12.50	cps
Zirconium	90-1	5493	5885	5893	5757	3.97	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-12	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:27:15	DataFile Name :	048SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1192	1375	1408	1325	8.81	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-13	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:33:50	DataFile Name :	050SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	67	56	17.32	cps
Antimony	121-1	4726	5035	4834	4865	3.22	cps
Arsenic	75-2	39	39	43	40	5.32	cps
Barium	135-1	4501	4418	4393	4437	1.28	cps
Barium	137-1	7969	7611	7911	7830	2.46	cps
Beryllium	9-1	617	478	472	522	15.67	cps
Bismuth	209-1	4024574	4056948	4056709	4046077	0.46	cps
Bismuth	209-2	826005	898470	897305	873927	4.75	cps
Boron	10-1	225	308	175	236	28.53	cps
Boron	11-1	1058	1208	1183	1150	6.99	cps
Cadmium	111-1	1636	1435	1500	1524	6.74	cps
Cadmium	106-1	892	758	825	825	8.08	cps
Cadmium	108-1	96	83	88	89	7.16	cps
Calcium	43-1	1642	1558	1383	1528	8.63	cps
Calcium	44-1	24873	24906	24581	24787	0.72	cps
Chromium	52-2	567	540	423	510	14.95	cps
Cobalt	59-2	757	803	773	778	3.04	cps
Copper	63-2	1577	1393	1400	1457	7.14	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5646758	5715266	5629963	5663995	0.80	cps
Holmium	165-2	968560	1058305	1058885	1028583	5.05	cps
Indium	115-1	4392250	4367212	4336158	4365207	0.64	cps
Indium	115-2	154417	168874	168647	163979	5.05	cps
Iron	56-2	13123	13151	13162	13145	0.15	cps
Iron	57-2	322	328	306	319	3.63	cps
Lead	206-1	3634	3401	3389	3475	3.97	cps
Lead	207-1	3445	3273	3217	3312	3.59	cps
Lead	208-1	14971	14470	14270	14570	2.48	cps
Lithium	6-1	618000	616506	617944	617483	0.14	cps
Magnesium	24-2	1308	1292	1650	1417	14.28	cps
Manganese	55-2	193	240	240	224	12.00	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-13	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:33:50	DataFile Name :	050SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7586	7044	7127	7252	4.02	cps
Molybdenum	95-1	8511	8611	8445	8522	0.99	cps
Molybdenum	96-1	9445	9028	9062	9179	2.52	cps
Molybdenum	97-1	5618	5476	5451	5515	1.63	cps
Molybdenum	98-1	13899	13624	13816	13780	1.02	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	747	667	657	690	7.15	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2242	2675	2150	2356	11.91	cps
Rhodium	103-1	3952517	3948829	3928502	3943282	0.33	cps
Rhodium	103-2	883991	967749	964178	938639	5.05	cps
Scandium	45-1	2165406	2161117	2156123	2160882	0.22	cps
Scandium	45-2	13794	15409	14875	14692	5.60	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-51	79	63	30	234.70	cps
Silicon	28-1	313729	308378	315814	312640	1.23	cps
Silver	109-1	625	650	767	681	11.11	cps
Silver	107-1	650	717	733	700	6.30	cps
Sodium	23-2	10938	10963	10738	10880	1.13	cps
Strontium	86-1	1692	1367	1684	1581	11.72	cps
Strontium	88-1	10371	10263	10446	10360	0.89	cps
Sulfur	34-1	308242	308814	309404	308820	0.19	cps
Terbium	159-1	5805140	5874492	5792886	5824173	0.76	cps
Terbium	159-2	930245	1016447	1007766	984819	4.82	cps
Thallium	203-1	3992	3942	4209	4048	3.50	cps
Thallium	205-1	9646	9888	10163	9899	2.61	cps
Tin	118-1	3509	3651	3517	3559	2.23	cps
Titanium	47-1	2142	1850	2217	2070	9.36	cps
Uranium	238-1	13258	12507	12882	12882	2.91	cps
Vanadium	51-2	283	247	237	256	9.62	cps
Yttrium	89-1	4452412	4365660	4440000	4419357	1.06	cps
Yttrium	89-2	110941	119565	120549	117018	4.52	cps
Zinc	66-2	167	143	140	150	9.69	cps
Zirconium	90-1	5993	5526	6385	5968	7.20	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-13	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:33:50	DataFile Name :	050SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1458	1108	1308	1292	13.60	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-14	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:37:01	DataFile Name :	051SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	42	39	53.93	cps
Antimony	121-1	4126	4301	4501	4309	4.36	cps
Arsenic	75-2	33	37	44	38	14.79	cps
Barium	135-1	4009	4526	4443	4326	6.41	cps
Barium	137-1	7269	7519	7711	7500	2.96	cps
Beryllium	9-1	511	456	428	465	9.13	cps
Bismuth	209-1	4002261	3994588	3980281	3992377	0.28	cps
Bismuth	209-2	827360	888530	887500	867796	4.04	cps
Boron	10-1	225	233	208	222	5.73	cps
Boron	11-1	1058	1175	967	1067	9.79	cps
Cadmium	111-1	1381	1303	1312	1332	3.20	cps
Cadmium	106-1	783	742	792	772	3.47	cps
Cadmium	108-1	67	71	67	68	3.54	cps
Calcium	43-1	1267	1283	1142	1231	6.29	cps
Calcium	44-1	23020	23429	22986	23145	1.06	cps
Chromium	52-2	397	487	480	454	11.03	cps
Cobalt	59-2	740	640	610	663	10.26	cps
Copper	63-2	1217	1277	1387	1293	6.67	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5625463	5640216	5541604	5602428	0.95	cps
Holmium	165-2	972509	1057000	1047610	1025707	4.51	cps
Indium	115-1	4315324	4290068	4343259	4316217	0.62	cps
Indium	115-2	153597	167986	166046	162543	4.80	cps
Iron	56-2	11327	11127	10877	11110	2.03	cps
Iron	57-2	317	289	272	293	7.67	cps
Lead	206-1	3306	3050	3167	3175	4.03	cps
Lead	207-1	2895	2789	3067	2917	4.81	cps
Lead	208-1	12664	12992	13003	12886	1.50	cps
Lithium	6-1	612585	608481	607799	609622	0.42	cps
Magnesium	24-2	1317	1400	1492	1403	6.24	cps
Manganese	55-2	180	173	200	184	7.52	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-14	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:37:01	DataFile Name :	051SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6952	6610	5835	6466	8.85	cps
Molybdenum	95-1	7719	8295	8036	8017	3.59	cps
Molybdenum	96-1	8853	8887	9195	8978	2.10	cps
Molybdenum	97-1	4634	4718	5151	4834	5.74	cps
Molybdenum	98-1	12615	13015	12857	12829	1.57	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	620	557	567	8.67	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	2425	2042	2167	2211	8.84	cps
Rhodium	103-1	3938803	3939312	3945035	3941050	0.09	cps
Rhodium	103-2	885431	957902	956146	933160	4.43	cps
Scandium	45-1	2147631	2168312	2142216	2152720	0.64	cps
Scandium	45-2	14194	14968	15292	14818	3.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	71	69	109	83	26.97	cps
Silicon	28-1	310518	309242	314520	311427	0.88	cps
Silver	109-1	500	608	500	536	11.67	cps
Silver	107-1	567	508	467	514	9.78	cps
Sodium	23-2	10187	9470	10796	10151	6.54	cps
Strontium	86-1	1367	1425	1375	1389	2.27	cps
Strontium	88-1	9103	8620	9053	8926	2.98	cps
Sulfur	34-1	308166	305278	308860	307435	0.62	cps
Terbium	159-1	5814338	5702016	5780722	5765692	1.00	cps
Terbium	159-2	927744	1002252	1006267	978754	4.52	cps
Thallium	203-1	3701	3734	3667	3701	0.90	cps
Thallium	205-1	8903	8562	8703	8723	1.97	cps
Tin	118-1	3292	3367	3459	3373	2.48	cps
Titanium	47-1	2050	2250	1909	2070	8.30	cps
Uranium	238-1	11639	11439	11664	11581	1.07	cps
Vanadium	51-2	233	227	200	220	8.02	cps
Yttrium	89-1	4323615	4364305	4349724	4345881	0.47	cps
Yttrium	89-2	109356	120304	118865	116175	5.12	cps
Zinc	66-2	147	117	163	142	16.63	cps
Zirconium	90-1	5385	5101	5710	5399	5.64	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	200.8 MDL-14	Instrumnet Name :	P8
Client Sample ID :	200.8 MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:37:01	DataFile Name :	051SMPL_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1325	1225	1267	1272	3.95	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 16:46:36 DataFile Name : 054CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	117	100	108	108	7.69	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	0	42	17	19	107.85	cps
Barium	137-1	42	42	33	39	12.38	cps
Beryllium	9-1	67	67	89	74	17.32	cps
Bismuth	209-1	3978372	3975770	3994457	3982866	0.25	cps
Bismuth	209-2	889938	883005	888526	887157	0.41	cps
Boron	10-1	175	183	175	178	2.71	cps
Boron	11-1	750	842	792	795	5.78	cps
Cadmium	111-1	468	604	532	535	12.75	cps
Cadmium	106-1	667	842	758	756	11.59	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	483	592	575	550	10.61	cps
Calcium	44-1	11155	10313	10404	10624	4.35	cps
Chromium	52-2	220	220	240	227	5.09	cps
Cobalt	59-2	50	33	23	36	37.90	cps
Copper	63-2	73	93	93	87	13.33	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	3	0	10	4	114.60	cps
Holmium	165-1	5638670	5632219	5642302	5637731	0.09	cps
Holmium	165-2	1048332	1039555	1048805	1045564	0.50	cps
Indium	115-1	4300261	4286194	4260163	4282206	0.48	cps
Indium	115-2	165157	164942	165646	165248	0.22	cps
Iron	56-2	1300	1322	1239	1287	3.35	cps
Iron	57-2	17	28	33	26	32.72	cps
Lead	206-1	483	433	489	469	6.53	cps
Lead	207-1	439	383	428	417	7.06	cps
Lead	208-1	1956	1700	1800	1819	7.08	cps
Lithium	6-1	607412	607373	610600	608462	0.30	cps
Magnesium	24-2	275	258	217	250	12.02	cps
Manganese	55-2	23	17	13	18	28.64	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:46:36	DataFile Name :	054CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	67	158	117	39.77	cps
Molybdenum	95-1	8	33	58	33	75.01	cps
Molybdenum	96-1	50	67	42	53	24.12	cps
Molybdenum	97-1	8	8	17	11	43.34	cps
Molybdenum	98-1	75	0	50	42	91.65	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	353	377	390	373	4.97	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1817	1775	1684	1759	3.88	cps
Rhodium	103-1	3889205	3893296	3888082	3890194	0.07	cps
Rhodium	103-2	950346	941973	947147	946489	0.45	cps
Scandium	45-1	2136061	2162690	2120134	2139629	1.00	cps
Scandium	45-2	14488	15202	15035	14908	2.51	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-46	-10	-15	-23	-82.77	cps
Silicon	28-1	308639	307427	312634	309567	0.88	cps
Silver	109-1	33	50	58	47	26.97	cps
Silver	107-1	83	108	108	100	14.43	cps
Sodium	23-2	8269	8094	8144	8169	1.10	cps
Strontium	86-1	400	617	433	483	24.14	cps
Strontium	88-1	75	92	142	103	33.76	cps
Sulfur	34-1	312024	311813	309495	311111	0.45	cps
Terbium	159-1	5777045	5764870	5682221	5741379	0.90	cps
Terbium	159-2	997892	992315	1000761	996989	0.43	cps
Thallium	203-1	242	242	375	286	26.91	cps
Thallium	205-1	575	625	558	586	5.92	cps
Tin	118-1	458	533	625	539	15.49	cps
Titanium	47-1	58	75	133	89	44.30	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	4334500	4310079	4334762	4326447	0.33	cps
Yttrium	89-2	119762	117628	119181	118857	0.93	cps
Zinc	66-2	10	13	20	14	35.26	cps
Zirconium	90-1	242	225	333	267	21.88	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:46:36	DataFile Name :	054CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	50	92	64	37.66	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:49:47	DataFile Name :	055LCS6_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33114	31920	30676	31903	3.82	cps
Antimony	121-1	3451939	3420837	3492827	3455201	1.04	cps
Arsenic	75-2	32173	31673	31731	31859	0.86	cps
Barium	135-1	3633713	3612022	3658866	3634867	0.64	cps
Barium	137-1	6275779	6260171	6210633	6248861	0.54	cps
Beryllium	9-1	335394	332926	331479	333266	0.59	cps
Bismuth	209-1	4017403	3932849	3989720	3979990	1.08	cps
Bismuth	209-2	877963	883636	876555	879385	0.43	cps
Boron	10-1	34250	35353	36439	35347	3.10	cps
Boron	11-1	164735	169346	174252	169444	2.81	cps
Cadmium	111-1	693351	692646	697838	694612	0.41	cps
Cadmium	106-1	72051	70033	71859	71314	1.56	cps
Cadmium	108-1	49006	48872	49445	49107	0.61	cps
Calcium	43-1	604492	604614	600718	603275	0.37	cps
Calcium	44-1	9714161	9752212	9781592	9749322	0.35	cps
Chromium	52-2	229774	228625	225033	227811	1.09	cps
Cobalt	59-2	512292	509562	507427	509760	0.48	cps
Copper	63-2	902213	898519	895330	898687	0.38	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	5699960	5723781	5715435	5713059	0.21	cps
Holmium	165-2	1073941	1067294	1057499	1066245	0.78	cps
Indium	115-1	4257383	4253192	4249742	4253439	0.09	cps
Indium	115-2	161207	157886	160082	159725	1.06	cps
Iron	56-2	7916154	7912848	7871701	7900234	0.31	cps
Iron	57-2	200154	200294	197541	199330	0.78	cps
Lead	206-1	2437764	2418910	2441038	2432570	0.49	cps
Lead	207-1	2215962	2226347	2233371	2225227	0.39	cps
Lead	208-1	9949869	9913356	10003859	9955695	0.46	cps
Lithium	6-1	606836	603016	609840	606564	0.56	cps
Magnesium	24-2	771417	768573	752765	764251	1.31	cps
Manganese	55-2	132864	130590	130479	131311	1.03	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:49:47	DataFile Name :	055LCS6_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5439692	5412114	5467241	5439683	0.51	cps
Molybdenum	95-1	6790073	6754315	6884214	6809534	0.99	cps
Molybdenum	96-1	7412085	7450931	7509844	7457620	0.66	cps
Molybdenum	97-1	4198714	4223809	4255509	4226011	0.67	cps
Molybdenum	98-1	10867506	10849496	10932384	10883128	0.40	cps
Neodymium	150-1	153	120	107	127	18.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	151500	150354	147764	149873	1.28	cps
Phosphorus	31-2	2317	2325	2192	2278	3.28	cps
Potassium	39-2	221618	220603	217766	219995	0.91	cps
Rhodium	103-1	3823816	3775437	3840614	3813289	0.89	cps
Rhodium	103-2	926625	920412	920864	922634	0.38	cps
Scandium	45-1	2137299	2121870	2119833	2126334	0.45	cps
Scandium	45-2	14745	15285	15205	15078	1.93	cps
Selenium	77-2	157	210	180	182	14.67	cps
Selenium	78-2	743	724	770	746	3.13	cps
Selenium	82-1	42092	42492	42425	42337	0.51	cps
Silicon	28-1	1500546	1490062	1503826	1498145	0.48	cps
Silver	109-1	421023	425008	423332	423121	0.47	cps
Silver	107-1	443222	442980	442750	442984	0.05	cps
Sodium	23-2	1828040	1831596	1826426	1828687	0.14	cps
Strontium	86-1	843665	853509	854878	850684	0.72	cps
Strontium	88-1	7425347	7466267	7426622	7439412	0.31	cps
Sulfur	34-1	472546	466181	466882	468537	0.74	cps
Terbium	159-1	5910173	5848131	5850886	5869730	0.60	cps
Terbium	159-2	1008189	1016970	1003334	1009498	0.68	cps
Thallium	203-1	2960303	2947507	2966042	2957951	0.32	cps
Thallium	205-1	6972567	6965670	6997005	6978414	0.24	cps
Tin	118-1	2334434	2321420	2346150	2334001	0.53	cps
Titanium	47-1	1557886	1566356	1575180	1566474	0.55	cps
Uranium	238-1	10054194	10018149	10141308	10071217	0.63	cps
Vanadium	51-2	175149	173186	170905	173080	1.23	cps
Yttrium	89-1	4447983	4325724	4396177	4389961	1.40	cps
Yttrium	89-2	118145	116515	116639	117099	0.77	cps
Zinc	66-2	83315	83396	83174	83295	0.13	cps
Zirconium	90-1	4537087	4529998	4570350	4545812	0.47	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:49:47	DataFile Name :	055LCS6_P8011918MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	995114	988500	1000732	994782	0.62	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:52:51	DataFile Name :	056CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167047	166298	171788	168378	1.77	cps
Antimony	121-1	3470308	3461476	3442782	3458188	0.41	cps
Arsenic	75-2	32845	32878	33678	33133	1.42	cps
Barium	135-1	3700968	3691289	3638509	3676922	0.91	cps
Barium	137-1	6304412	6371836	6353546	6343265	0.55	cps
Beryllium	9-1	342889	342857	339344	341697	0.60	cps
Bismuth	209-1	3848080	3815934	3860395	3841469	0.60	cps
Bismuth	209-2	865335	864000	872823	867386	0.55	cps
Boron	10-1	37935	38160	39939	38678	2.84	cps
Boron	11-1	178918	186471	186388	183926	2.36	cps
Cadmium	111-1	685600	687693	689412	687569	0.28	cps
Cadmium	106-1	69446	70117	69329	69631	0.61	cps
Cadmium	108-1	49014	49219	49077	49103	0.21	cps
Calcium	43-1	3051977	3065978	3073463	3063806	0.36	cps
Calcium	44-1	49600690	49119835	49442331	49387619	0.50	cps
Chromium	52-2	240011	236453	244444	240303	1.67	cps
Cobalt	59-2	516240	520706	528697	521881	1.21	cps
Copper	63-2	895732	892672	910079	899494	1.03	cps
Dysprosium	156-1	100	83	83	89	10.82	cps
Dysprosium	156-2	13	17	3	11	62.48	cps
Erbium	164-1	25	50	8	28	75.51	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	83	100	83	89	10.82	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	5708623	5774209	5714070	5732301	0.63	cps
Holmium	165-2	1073223	1069946	1086188	1076452	0.80	cps
Indium	115-1	4199400	4191198	4210671	4200423	0.23	cps
Indium	115-2	162460	161287	165320	163022	1.27	cps
Iron	56-2	39409665	39381113	40429134	39739971	1.50	cps
Iron	57-2	996669	996385	1020359	1004471	1.37	cps
Lead	206-1	2434639	2424426	2422440	2427168	0.27	cps
Lead	207-1	2218173	2223564	2205496	2215744	0.42	cps
Lead	208-1	9872162	9907182	9844624	9874656	0.32	cps
Lithium	6-1	592574	592592	597080	594082	0.44	cps
Magnesium	24-2	3941127	3921965	4039322	3967471	1.59	cps
Manganese	55-2	134722	134785	137216	135574	1.05	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:52:51	DataFile Name :	056CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5485291	5464970	5457081	5469114	0.27	cps
Molybdenum	95-1	6800279	6765884	6783512	6783225	0.25	cps
Molybdenum	96-1	7526805	7552599	7546650	7542018	0.18	cps
Molybdenum	97-1	4167321	4202861	4199818	4190000	0.47	cps
Molybdenum	98-1	10809589	10848110	10862353	10840017	0.25	cps
Neodymium	150-1	187	193	213	198	7.02	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	150348	150051	155291	151896	1.94	cps
Phosphorus	31-2	2325	2209	2350	2295	3.30	cps
Potassium	39-2	1134628	1121132	1166037	1140599	2.02	cps
Rhodium	103-1	3720794	3752354	3771706	3748285	0.69	cps
Rhodium	103-2	919262	918085	931302	922883	0.79	cps
Scandium	45-1	2158908	2159244	2146110	2154754	0.35	cps
Scandium	45-2	15268	15172	15499	15313	1.10	cps
Selenium	77-2	203	227	260	230	12.38	cps
Selenium	78-2	724	685	722	711	3.09	cps
Selenium	82-1	41912	42177	42272	42120	0.44	cps
Silicon	28-1	1456102	1452704	1469089	1459298	0.59	cps
Silver	109-1	3261350	3240409	3221481	3241080	0.62	cps
Silver	107-1	3370856	3365519	3367616	3367997	0.08	cps
Sodium	23-2	9258763	9184914	9368644	9270774	1.00	cps
Strontium	86-1	870148	877014	866665	871276	0.60	cps
Strontium	88-1	7660412	7635004	7654674	7650030	0.17	cps
Sulfur	34-1	460783	464648	465370	463600	0.53	cps
Terbium	159-1	5886778	5874681	5881612	5881024	0.10	cps
Terbium	159-2	1020834	1021757	1046720	1029770	1.43	cps
Thallium	203-1	2948956	2955484	2982844	2962428	0.61	cps
Thallium	205-1	6987932	6935922	6971076	6964977	0.38	cps
Tin	118-1	2292502	2324941	2320990	2312811	0.77	cps
Titanium	47-1	1594344	1591573	1580812	1588910	0.45	cps
Uranium	238-1	10186465	10253686	10098677	10179609	0.76	cps
Vanadium	51-2	181955	180128	186216	182766	1.71	cps
Yttrium	89-1	4375210	4410688	4457814	4414571	0.94	cps
Yttrium	89-2	119745	121320	121619	120895	0.83	cps
Zinc	66-2	82624	81866	83959	82816	1.28	cps
Zirconium	90-1	4652993	4629062	4684454	4655503	0.60	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:52:51	DataFile Name :	056CCV_P8011918MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1015176	1010459	1010159	1011931	0.28	cps

LB Number : LB92775 Operator : Jaswal
 Lab Sample ID : CCB36 Instrumnet Name : P8
 Client Sample ID : CCB36 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-19 16:55:53 DataFile Name : 057CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	17	14	91.65	cps
Antimony	121-1	2042	2175	2500	2239	10.53	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	75	67	125	89	35.49	cps
Barium	137-1	125	108	117	117	7.14	cps
Beryllium	9-1	389	350	344	361	6.71	cps
Bismuth	209-1	4073605	3690129	4050170	3937968	5.46	cps
Bismuth	209-2	919663	913022	907082	913256	0.69	cps
Boron	10-1	1517	1600	1400	1506	6.67	cps
Boron	11-1	7752	6677	6685	7038	8.79	cps
Cadmium	111-1	621	539	517	559	9.82	cps
Cadmium	106-1	800	708	675	728	8.89	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	633	717	667	672	6.24	cps
Calcium	44-1	11230	10721	10863	10938	2.40	cps
Chromium	52-2	243	267	220	243	9.59	cps
Cobalt	59-2	80	23	57	53	53.40	cps
Copper	63-2	157	117	163	146	17.34	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	25	0	8	11	114.58	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5811272	5262834	5673229	5582445	5.11	cps
Holmium	165-2	1085910	1072366	1064399	1074225	1.01	cps
Indium	115-1	4477730	4048787	4386886	4304468	5.25	cps
Indium	115-2	172357	170949	168393	170566	1.18	cps
Iron	56-2	2367	2495	2467	2443	2.75	cps
Iron	57-2	50	61	61	57	11.17	cps
Lead	206-1	939	1011	1000	983	3.96	cps
Lead	207-1	883	783	750	806	8.61	cps
Lead	208-1	3723	3567	3706	3665	2.33	cps
Lithium	6-1	618562	568651	612784	599999	4.55	cps
Magnesium	24-2	217	300	167	228	29.57	cps
Manganese	55-2	17	20	23	20	16.65	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:55:53	DataFile Name :	057CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	425	425	472	17.32	cps
Molybdenum	95-1	550	692	583	608	12.18	cps
Molybdenum	96-1	742	700	750	731	3.67	cps
Molybdenum	97-1	392	392	375	386	2.49	cps
Molybdenum	98-1	842	858	867	856	1.49	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	327	347	331	4.19	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1817	2025	1909	1917	5.45	cps
Rhodium	103-1	3978503	3644457	3967004	3863321	4.91	cps
Rhodium	103-2	986317	975761	972125	978068	0.75	cps
Scandium	45-1	2231240	2017839	2158367	2135815	5.08	cps
Scandium	45-2	15362	15636	15265	15421	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	27	7	-20	5	482.24	cps
Silicon	28-1	319122	315971	314884	316659	0.70	cps
Silver	109-1	175	200	150	175	14.28	cps
Silver	107-1	200	158	250	203	22.63	cps
Sodium	23-2	9795	9854	9395	9681	2.58	cps
Strontium	86-1	458	425	550	478	13.55	cps
Strontium	88-1	192	158	175	175	9.53	cps
Sulfur	34-1	295598	293473	294722	294598	0.36	cps
Terbium	159-1	5958197	5401123	5854374	5737898	5.16	cps
Terbium	159-2	1034164	1023885	1018284	1025444	0.79	cps
Thallium	203-1	1258	1250	1092	1200	7.83	cps
Thallium	205-1	2900	2859	2634	2798	5.13	cps
Tin	118-1	917	717	933	856	14.09	cps
Titanium	47-1	142	67	100	103	36.56	cps
Uranium	238-1	158	208	100	156	34.85	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	4496626	4079750	4455062	4343813	5.29	cps
Yttrium	89-2	122914	121830	121517	122087	0.60	cps
Zinc	66-2	17	33	27	26	32.81	cps
Zirconium	90-1	458	517	550	508	9.13	cps

LB Number :	LB92775	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-01-19 16:55:53	DataFile Name :	057CCBE_P8011918MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	133	133	108	39.97	cps