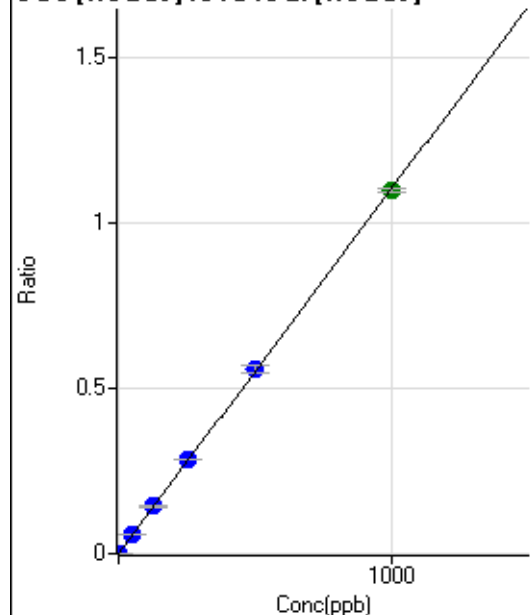


Batch Folder: D:\P8100818-MS.b\
Analysis File: P8100818-MS.batch.bin
DA Date-Time: 2018-10-08 14:40:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-08 11:04:36
2			
3	005CALS.d	S02	2018-10-08 11:12:07
4	006CALS.d	S03	2018-10-08 11:15:53
5	007CALS.d	S04	2018-10-08 11:19:39
6	008CALS.d	S05	2018-10-08 11:23:16
7	009CALS.d	S06	2018-10-08 11:26:49
8	010CALS.d	S07	2018-10-08 11:30:17
9	011CALS.d	S08	2018-10-08 11:33:41

9 Be [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.93	0.0001	P	17.1
2	☐	0.100					
3	☐	1.000	0.991	1439.00	0.0012	P	3.8
4	☐	50.000	52.310	71596.24	0.0577	P	1.6
5	☐	125.000	129.495	176631.22	0.1428	P	1.1
6	☐	250.000	257.024	345899.47	0.2833	P	0.7
7	☐	500.000	506.405	660753.77	0.5582	P	4.5
8	☐	1000.000	994.364	1296403.05	1.0960	A	1.0
9	☐			831.53	0.0007	P	7.6

$$y = 0.0011 * x + 6.2083E-005$$

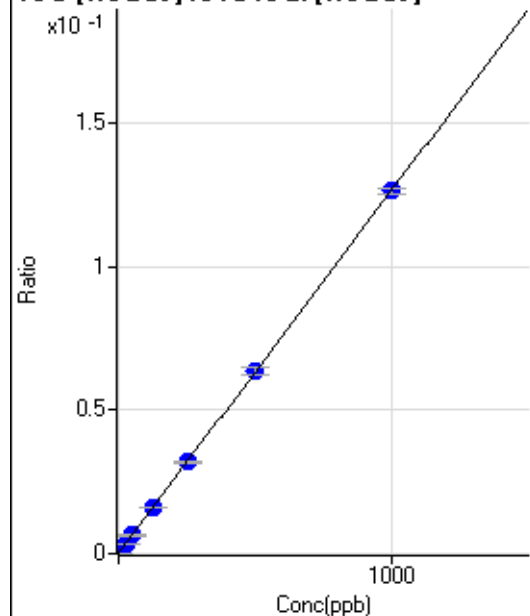
$$R = 0.9999$$

$$DL = 0.02883$$

$$BEC = 0.05633$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0002	P	12.3
2	☐	2.500					
3	☐	25.000	24.558	4097.97	0.0033	P	2.9
4	☐	50.000	50.985	8219.35	0.0066	P	8.4
5	☐	125.000	125.975	19936.77	0.0161	P	2.4
6	☐	250.000	250.848	38962.25	0.0319	P	2.7
7	☐	500.000	501.135	75269.80	0.0636	P	4.2
8	☐	1000.000	999.060	149706.23	0.1266	P	1.3
9	☐			6118.25	0.0053	P	8.4

$$y = 1.2650E-004 * x + 1.8171E-004$$

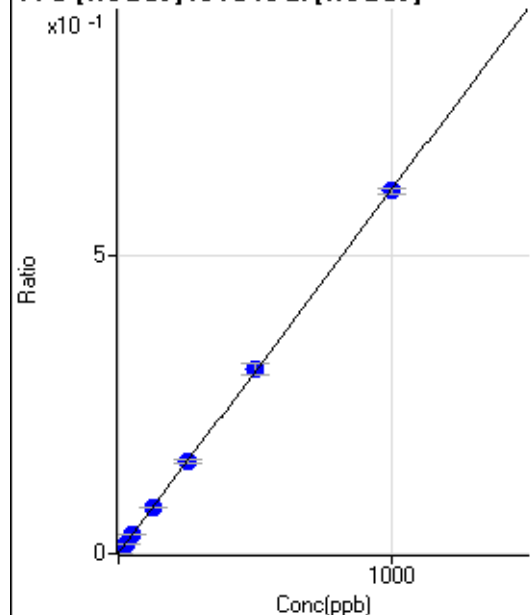
$$R = 1.0000$$

$$DL = 0.5314$$

$$BEC = 1.436$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD: 6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	927.85	0.0008	P	11.6
2	☐	2.500					
3	☐	25.000	24.348	19433.28	0.0156	P	1.8
4	☐	50.000	51.049	39516.54	0.0319	P	4.4
5	☐	125.000	125.893	95833.94	0.0775	P	2.3
6	☐	250.000	252.352	188632.32	0.1545	P	2.9
7	☐	500.000	504.661	364689.11	0.3083	P	6.5
8	☐	1000.000	996.934	719446.14	0.6082	P	1.3
9	☐			30166.07	0.0260	P	8.2

$$y = 6.0933\text{E-}004 * x + 7.5887\text{E-}004$$

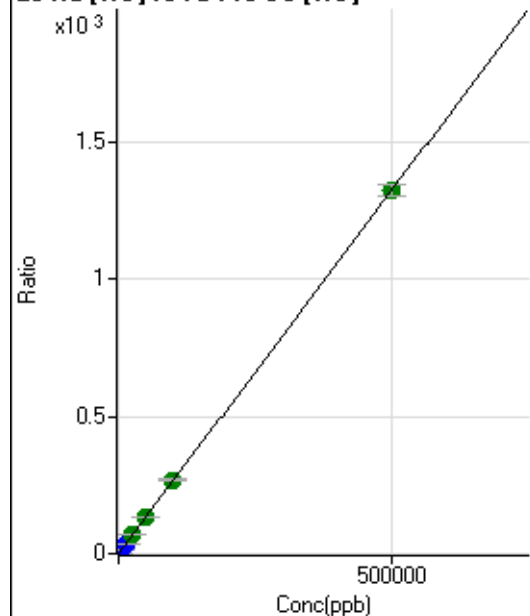
$$R = 1.0000$$

$$DL = 0.4315$$

$$BEC = 1.245$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9584.21	0.3066	P	1.6
2	☐	50.000					
3	☐	500.000	491.602	49370.28	1.6063	P	3.0
4	☐	5000.000	5020.551	416837.83	13.5799	P	3.3
5	☐	12500.000	12452.205	1013392.05	33.2278	P	1.7
6	☐	25000.000	25475.215	1914735.76	67.6582	A	1.2
7	☐	50000.000	50176.687	3541779.72	132.9642	A	2.4
8	☐	100000.00	101268.27	6768785.22	268.0407	A	3.3
9	☐	500000.00	499705.91	35678689.69	1,321.434	A	3.1

$$y = 0.0026 * x + 0.3066$$

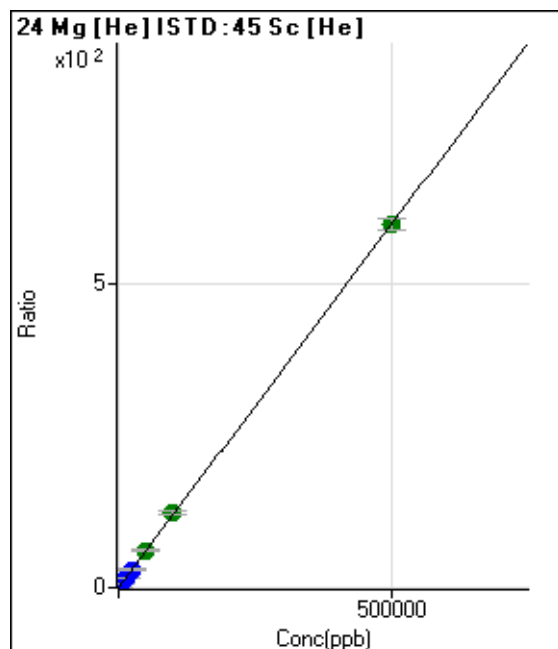
$$R = 1.0000$$

$$DL = 5.631$$

$$BEC = 116$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0107	P	4.4
2	☐	50.000					
3	☐	500.000	488.220	18279.09	0.5947	P	3.2
4	☐	5000.000	5053.533	185933.49	6.0563	P	2.2
5	☐	12500.000	12436.563	454093.67	14.8888	P	1.4
6	☐	25000.000	24989.476	846308.16	29.9061	P	1.5
7	☐	50000.000	51069.674	1627379.83	61.1065	A	3.4
8	☐	100000.00	103376.10	3123379.76	123.6818	A	3.1
9	☐	500000.00	499219.40	16124881.61	597.2380	A	3.3

$$y = 0.0012 * x + 0.0107$$

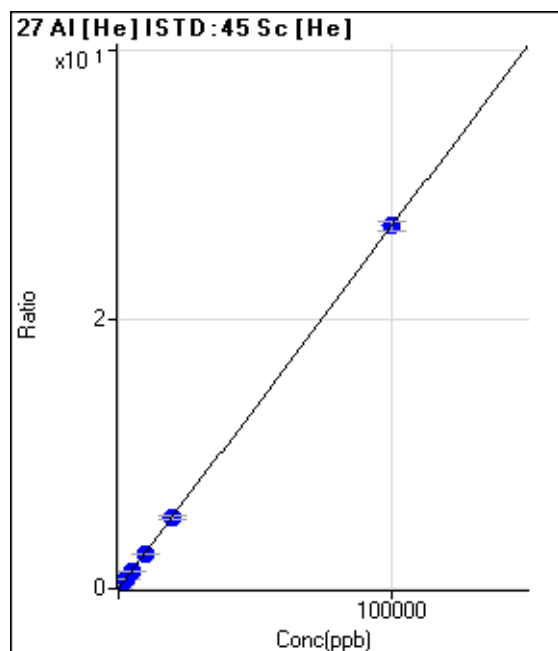
$$R = 1.0000$$

$$DL = 1.174$$

$$BEC = 8.913$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.17	0.0005	P	54.9
2	☐	2.000					
3	☐	20.000	20.828	185.89	0.0061	P	11.9
4	☐	1000.000	965.005	7973.46	0.2598	P	4.2
5	☐	2500.000	2436.854	19988.28	0.6553	P	1.8
6	☐	5000.000	4894.758	37233.70	1.3158	P	2.0
7	☐	10000.000	9552.049	68379.06	2.5674	P	3.0
8	☐	20000.000	19667.600	133475.44	5.2857	P	3.4
9	☐	100000.00	100118.46	726458.92	26.9052	P	3.0

$$y = 2.6873E-004 * x + 4.5449E-004$$

$$R = 1.0000$$

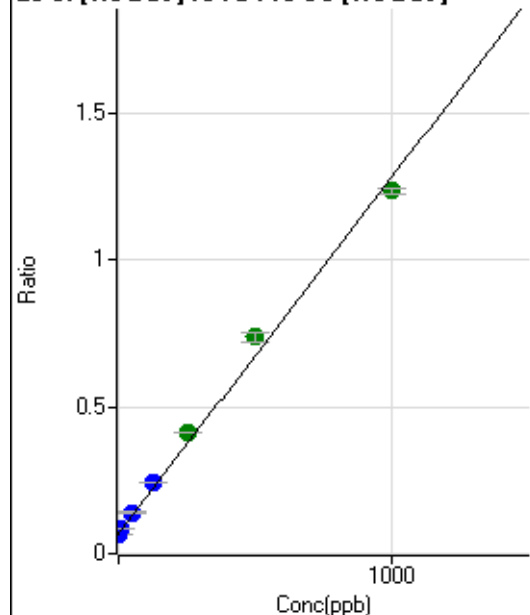
$$DL = 2.785$$

$$BEC = 1.691$$

Weight: <None>

Min Conc: 0

28 Si [NoGas] ISTD:45 Sc [NoGas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216792.62	0.0682	P	1.0
2	☐	1.000					
3	☐	10.000	15.447	273556.74	0.0870	P	3.2
4	☐	50.000	59.069	440055.19	0.1399	P	1.5
5	☐	125.000	144.419	767684.38	0.2435	P	0.5
6	☐	250.000	283.973	1270227.84	0.4129	A	0.3
7	☐	500.000	551.655	2172927.74	0.7378	A	3.7
8	☐	1000.000	962.744	3609028.46	1.2367	A	1.9
9	☐			302293.79	0.1032	P	0.4

$$y = 0.0012 * x + 0.0682$$

$$R = 0.9973$$

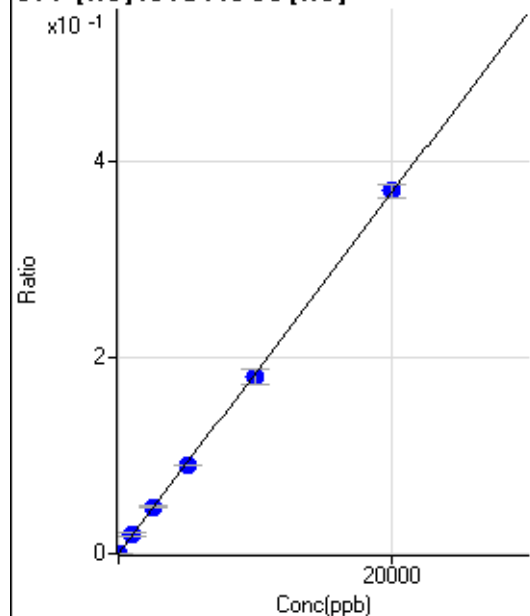
$$DL = 1.685$$

$$BEC = 56.19$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.499	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	2.499	2.78	0.0001	P	173.
4	☐	1000.000	1052.080	594.49	0.0194	P	12.8
5	☐	2500.000	2582.647	1450.14	0.0475	P	3.2
6	☐	5000.000	4891.613	2547.57	0.0900	P	1.0
7	☐	10000.000	9811.971	4803.81	0.1805	P	8.1
8	☐	20000.000	20108.177	9339.60	0.3698	P	3.4
9	☐			2.78	0.0001	P	173.

$$y = 1.8390E-005 * x + 4.5952E-005$$

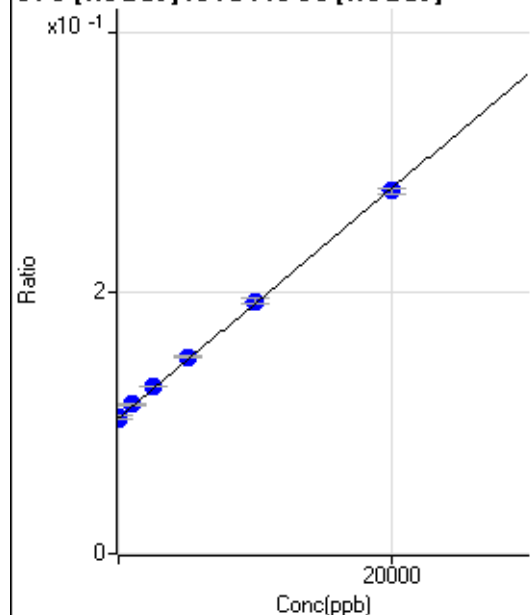
$$R = 0.9999$$

$$DL = 12.98$$

$$BEC = 2.499$$

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-67.941	328973.52	0.1035	P	0.8
2	☐	0.000					
3	☐	0.000	67.941	329362.73	0.1047	P	3.4
4	☐	1000.000	1167.254	359743.21	0.1144	P	1.7
5	☐	2500.000	2776.065	405227.06	0.1285	P	0.3
6	☐	5000.000	5293.183	463574.93	0.1507	P	1.1
7	☐	10000.000	10204.225	571255.72	0.1939	P	3.0
8	☐	20000.000	19781.721	811965.73	0.2782	P	1.6
9	☐			296148.94	0.1011	P	0.6

$$y = 8.8032E-006 * x + 0.1041$$

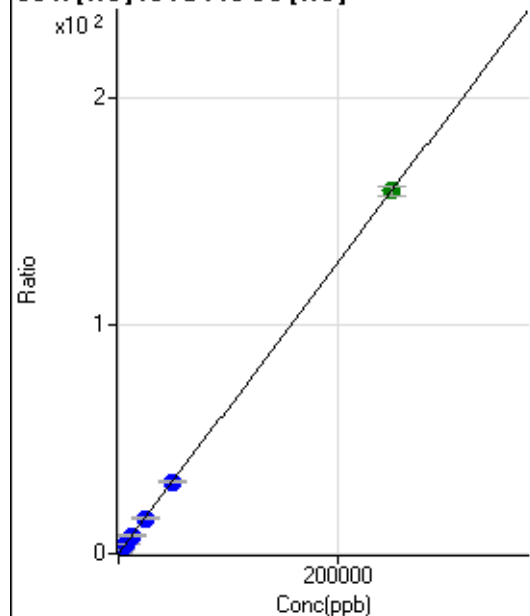
$$R = 0.9997$$

$$DL = 740.9$$

$$BEC = 1.182E+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3292.21	0.1053	P	2.8
2	☐	50.000					
3	☐	500.000	497.862	12950.93	0.4213	P	2.9
4	☐	2500.000	2587.350	53647.30	1.7478	P	3.5
5	☐	6250.000	6238.575	123980.86	4.0657	P	2.9
6	☐	12500.000	12414.880	226006.01	7.9865	P	1.9
7	☐	25000.000	24217.812	412273.49	15.4792	P	3.0
8	☐	50000.000	49100.483	789791.73	31.2752	P	3.2
9	☐	250000.00	250261.79	4292702.31	158.9762	A	2.7

$$y = 6.3482E-004 * x + 0.1053$$

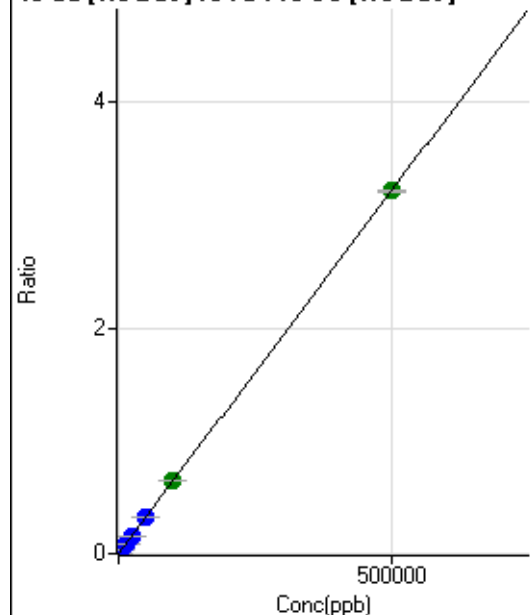
$$R = 1.0000$$

$$DL = 13.87$$

$$BEC = 165.9$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	472.25	0.0001	P	18.5
2	☐	50.000					
3	☐	500.000	471.203	10001.27	0.0032	P	3.5
4	☐	5000.000	5033.767	102296.64	0.0325	P	0.8
5	☐	12500.000	12543.802	254779.43	0.0808	P	1.1
6	☐	25000.000	24968.513	494400.98	0.1607	P	0.7
7	☐	50000.000	50081.386	948933.17	0.3222	P	3.7
8	☐	100000.00	99994.156	1876937.74	0.6431	A	1.2
9	☐	500000.00	499993.20	9420561.41	3.2153	A	0.4

$$y = 6.4304\text{E-}006 * x + 1.4870\text{E-}004$$

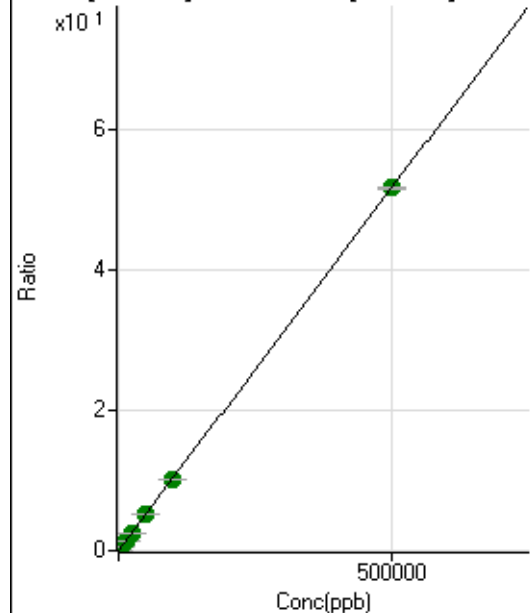
$$R = 1.0000$$

$$DL = 12.83$$

$$BEC = 23.12$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15993.08	0.0050	P	1.8
2	☐	50.000					
3	☐	500.000	482.774	172903.25	0.0550	P	4.2
4	☐	5000.000	5104.608	1676715.44	0.5331	A	1.7
5	☐	12500.000	12534.304	4103621.49	1.3016	A	1.3
6	☐	25000.000	24823.663	7915212.51	2.5728	A	0.7
7	☐	50000.000	50249.844	15324197.91	5.2029	A	3.6
8	☐	100000.00	98686.591	29805878.10	10.2132	A	1.2
9	☐	500000.00	500244.62	151620074.2	51.7504	A	0.2

$$y = 1.0344\text{E-}004 * x + 0.0050$$

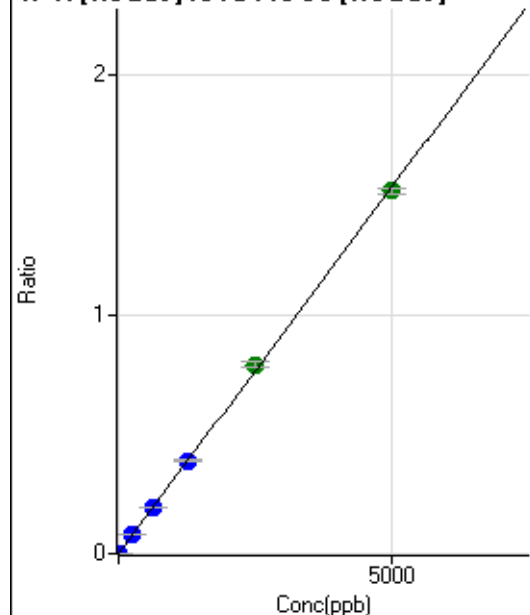
$$R = 1.0000$$

$$DL = 2.636$$

$$BEC = 48.63$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	17.9
2	☐	0.500					
3	☐	5.000	5.216	5112.28	0.0016	P	2.7
4	☐	250.000	254.119	244672.38	0.0778	P	1.9
5	☐	625.000	631.493	609310.60	0.1933	P	0.6
6	☐	1250.000	1270.037	1195654.53	0.3886	P	0.9
7	☐	2500.000	2577.075	2322911.34	0.7886	A	3.2
8	☐	5000.000	4955.436	4425189.68	1.5164	A	1.4
9	☐			1439.02	0.0005	P	9.2

$$y = 3.0599E-004 * x + 2.8824E-005$$

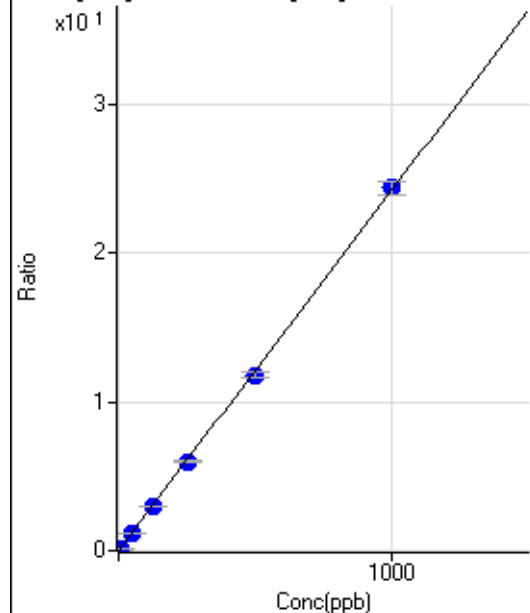
$$R = 0.9998$$

$$DL = 0.05046$$

$$BEC = 0.0942$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.67	0.0002	P	49.1
2	☐	0.500					
3	☐	5.000	4.725	3523.84	0.1146	P	5.2
4	☐	50.000	49.242	36617.98	1.1926	P	1.6
5	☐	125.000	121.982	90094.84	2.9541	P	1.9
6	☐	250.000	246.508	168921.92	5.9696	P	1.9
7	☐	500.000	487.878	314692.50	11.8145	P	2.5
8	☐	1000.000	1007.350	615968.11	24.3939	P	3.6
9	☐			372.24	0.0138	P	10.3

$$y = 0.0242 * x + 2.1246E-004$$

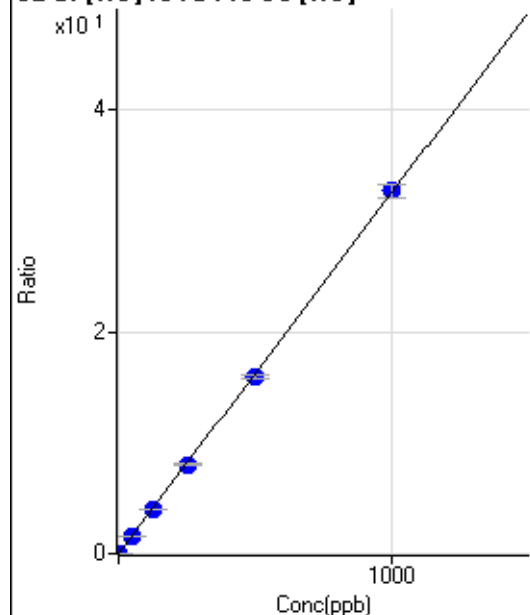
$$R = 0.9999$$

$$DL = 0.01293$$

$$BEC = 0.008774$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	455.57	0.0146	P	4.2
2	☐	0.200					
3	☐	2.000	2.163	2611.40	0.0849	P	3.1
4	☐	50.000	49.389	49769.28	1.6213	P	3.0
5	☐	125.000	121.103	120601.42	3.9544	P	1.8
6	☐	250.000	247.414	228196.38	8.0637	P	1.3
7	☐	500.000	490.839	425704.94	15.9831	P	2.8
8	☐	1000.000	1005.745	826614.46	32.7346	P	3.4
9	☐			47337.71	1.7531	P	2.6

$$y = 0.0325 * x + 0.0146$$

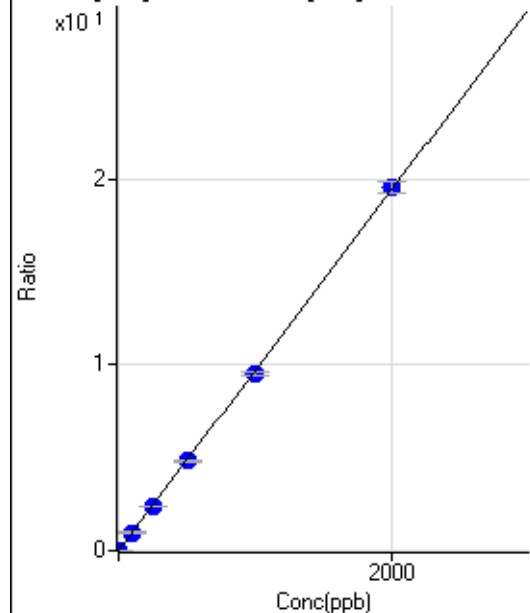
$$R = 0.9999$$

$$DL = 0.05699$$

$$BEC = 0.4478$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0017	P	68.6
2	☐	0.100					
3	☐	1.000	1.025	358.90	0.0117	P	5.3
4	☐	100.000	100.759	30122.67	0.9812	P	2.2
5	☐	250.000	245.121	72718.14	2.3845	P	2.2
6	☐	500.000	497.048	136774.06	4.8334	P	1.9
7	☐	1000.000	981.198	254074.33	9.5396	P	3.0
8	☐	2000.000	2010.711	493620.58	19.5472	P	3.3
9	☐			4078.45	0.1510	P	3.7

$$y = 0.0097 * x + 0.0017$$

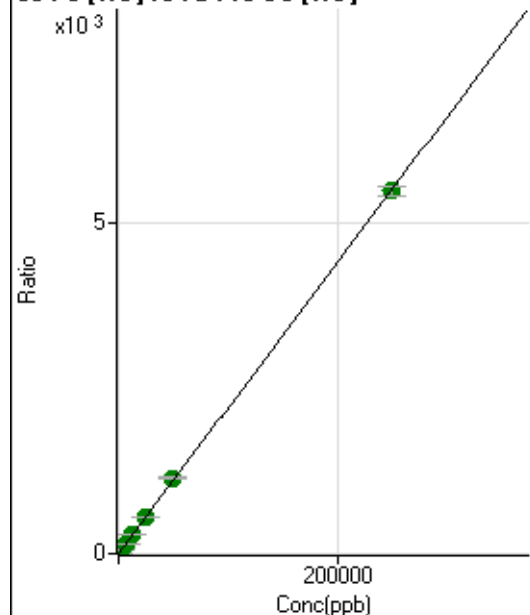
$$R = 0.9999$$

$$DL = 0.3628$$

$$BEC = 0.1763$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1235.28	0.0395	P	1.8
2	☐	5.000					
3	☐	50.000	51.551	35984.01	1.1706	P	2.0
4	☐	2500.000	2589.849	1745639.32	56.8624	A	2.5
5	☐	6250.000	6255.568	4187171.13	137.2906	A	1.6
6	☐	12500.000	12681.278	7875319.56	278.2748	A	1.3
7	☐	25000.000	25270.975	14768170.47	554.5007	A	3.0
8	☐	50000.000	51894.860	28754169.86	1,138.645	A	3.2
9	☐	250000.00	249583.82	147860275.5	5,476.067	A	2.9

$$y = 0.0219 * x + 0.0395$$

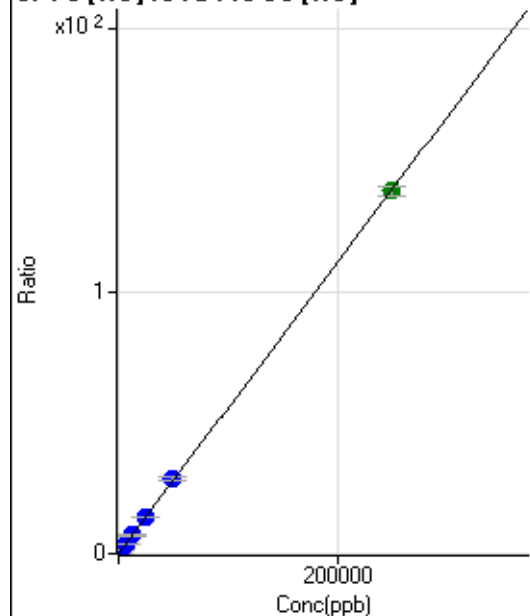
$$R = 1.0000$$

$$DL = 0.09739$$

$$BEC = 1.801$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0012	P	50.5
2	☐	5.000					
3	☐	50.000	46.765	833.39	0.0271	P	10.9
4	☐	2500.000	2499.599	42528.29	1.3852	P	2.2
5	☐	6250.000	6198.618	104706.21	3.4332	P	1.8
6	☐	12500.000	12592.645	197349.01	6.9734	P	1.1
7	☐	25000.000	25193.611	371543.41	13.9502	P	3.0
8	☐	50000.000	51588.878	721271.94	28.5644	P	3.6
9	☐	250000.00	249659.52	3732637.52	138.2302	A	2.6

$$y = 5.5367E-004 * x + 0.0012$$

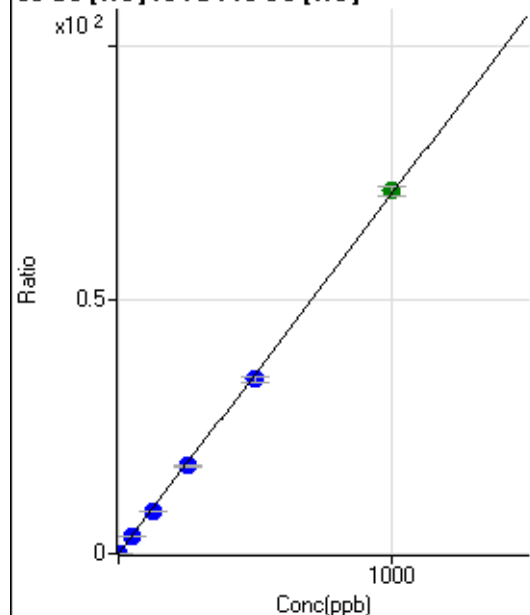
$$R = 1.0000$$

$$DL = 3.392$$

$$BEC = 2.238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0013	P	53.9
2	☐	0.100					
3	☐	1.000	1.007	2233.55	0.0727	P	4.3
4	☐	50.000	48.621	105779.62	3.4456	P	2.3
5	☐	125.000	119.219	257618.73	8.4466	P	1.2
6	☐	250.000	244.919	491018.08	17.3510	P	1.4
7	☐	500.000	485.401	915837.98	34.3865	P	3.0
8	☐	1000.000	1009.361	1805826.73	71.5031	A	2.8
9	☐			23772.68	0.8806	P	3.9

$$y = 0.0708 * x + 0.0013$$

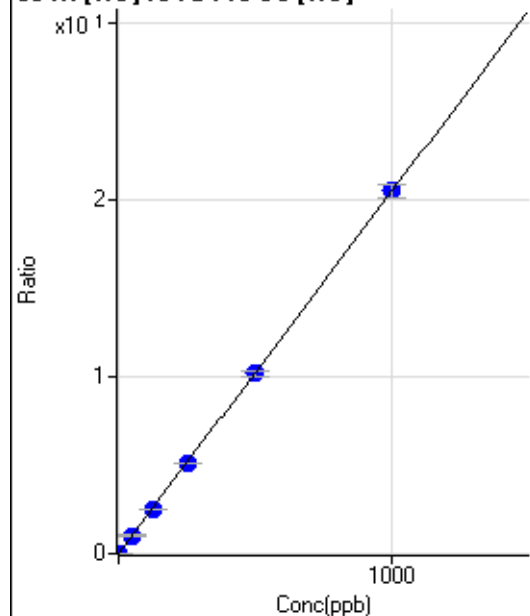
$$R = 0.9998$$

$$DL = 0.03004$$

$$BEC = 0.01857$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	290.01	0.0093	P	4.5
2	☐	0.100					
3	☐	1.000	0.994	910.05	0.0296	P	1.2
4	☐	50.000	49.851	31574.85	1.0287	P	3.8
5	☐	125.000	122.856	76909.80	2.5217	P	1.6
6	☐	250.000	247.803	143684.69	5.0770	P	0.8
7	☐	500.000	496.644	270762.91	10.1658	P	2.8
8	☐	1000.000	1002.503	517916.39	20.5109	P	3.6
9	☐			23623.59	0.8750	P	4.3

$$y = 0.0205 * x + 0.0093$$

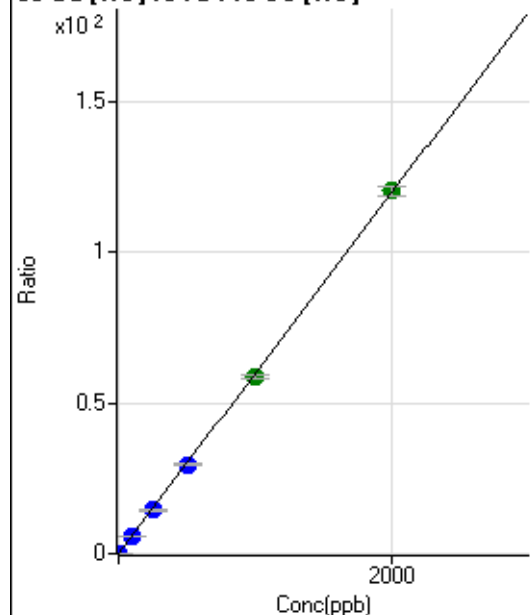
$$R = 1.0000$$

$$DL = 0.06108$$

$$BEC = 0.4536$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	405.57	0.0130	P	5.3
2	☐	0.200					
3	☐	2.000	1.949	3981.75	0.1295	P	3.0
4	☐	100.000	97.386	179243.52	5.8389	P	2.8
5	☐	250.000	241.695	441357.38	14.4719	P	1.9
6	☐	500.000	493.002	834953.22	29.5058	P	1.7
7	☐	1000.000	982.619	1566172.93	58.7960	A	2.2
8	☐	2000.000	2011.609	3039402.07	120.3531	A	3.0
9	☐			7634.43	0.2828	P	4.5

$$y = 0.0598 * x + 0.0130$$

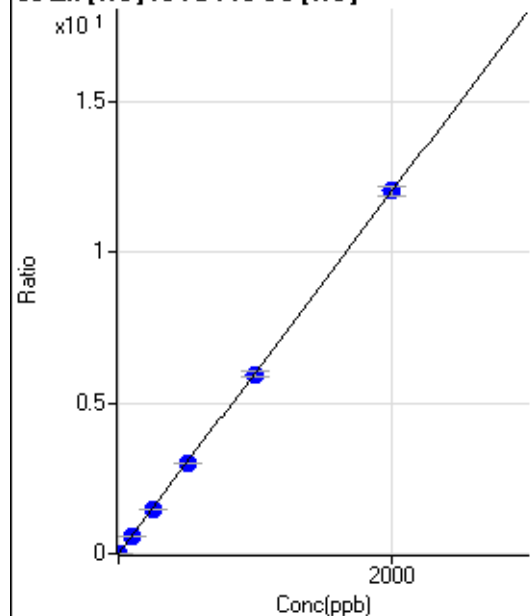
$$R = 0.9999$$

$$DL = 0.03425$$

$$BEC = 0.2169$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0046	P	14.8
2	☐	0.200					
3	☐	2.000	2.309	566.69	0.0184	P	13.3
4	☐	100.000	96.888	17956.27	0.5850	P	2.9
5	☐	250.000	242.982	44529.16	1.4600	P	1.6
6	☐	500.000	497.586	84475.23	2.9850	P	1.3
7	☐	1000.000	992.097	158404.82	5.9470	P	2.5
8	☐	2000.000	2005.588	303492.11	12.0175	P	3.0
9	☐			2406.92	0.0892	P	4.9

$$y = 0.0060 * x + 0.0046$$

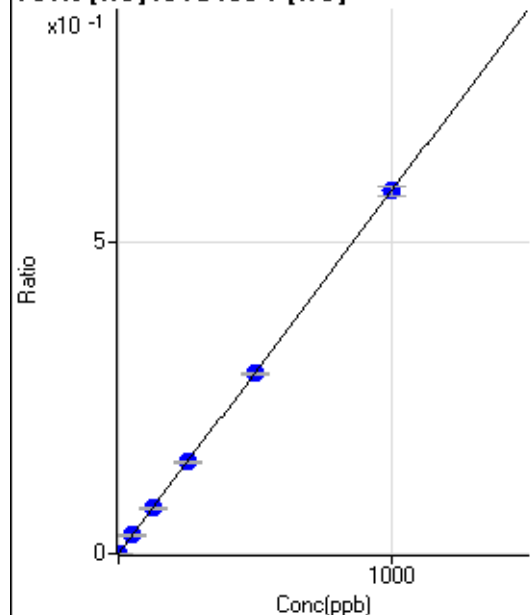
$$R = 1.0000$$

$$DL = 0.3417$$

$$BEC = 0.7714$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.47	0.0000	P	44.6
2	☐	0.100					
3	☐	1.000	1.067	134.57	0.0006	P	11.8
4	☐	50.000	50.780	6269.38	0.0296	P	2.8
5	☐	125.000	124.973	15299.29	0.0728	P	1.3
6	☐	250.000	252.305	29451.74	0.1470	P	1.0
7	☐	500.000	498.208	55126.03	0.2903	P	1.0
8	☐	1000.000	1000.284	107130.05	0.5828	P	2.3
9	☐			192.59	0.0010	P	2.5

$$y = 5.8258\text{E-}004 * x + 1.1657\text{E-}005$$

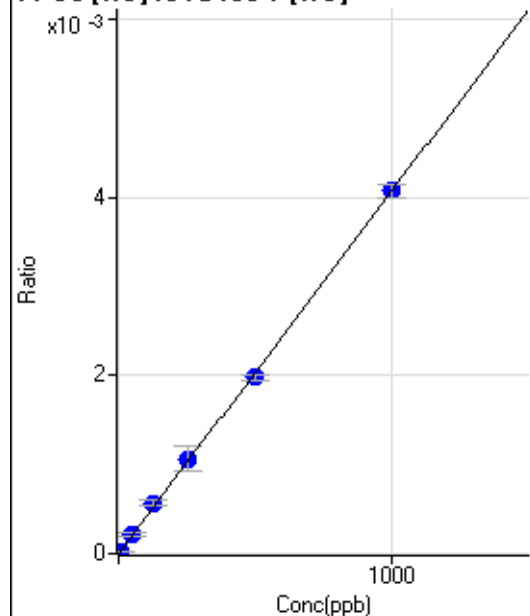
$$R = 1.0000$$

$$DL = 0.02677$$

$$BEC = 0.02001$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.164	4.44	0.0000	P	44.6
4	☐	50.000	52.887	45.55	0.0002	P	14.3
5	☐	125.000	140.570	120.00	0.0006	P	9.9
6	☐	250.000	262.380	213.34	0.0011	P	27.7
7	☐	500.000	486.787	375.57	0.0020	P	3.1
8	☐	1000.000	1001.420	747.81	0.0041	P	3.7
9	☐			2.22	0.0000	P	86.6

$$y = 4.0630\text{E-}006 * x + 0.0000\text{E+}000$$

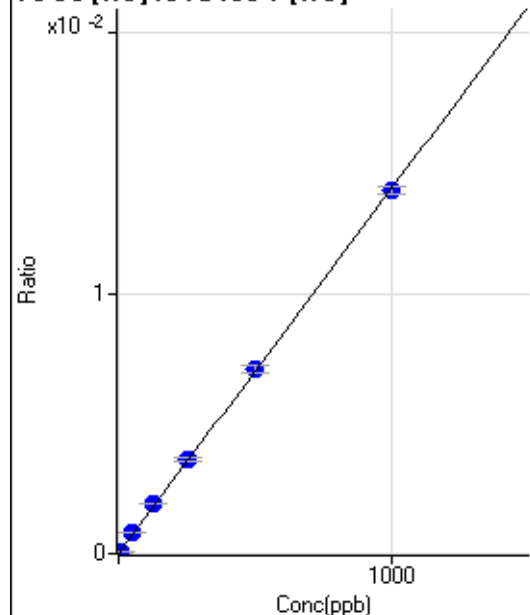
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	99.3
2	☐	0.500					
3	☐	5.000	4.170	14.20	0.0001	P	42.7
4	☐	50.000	57.607	172.84	0.0008	P	4.0
5	☐	125.000	135.356	400.01	0.0019	P	0.8
6	☐	250.000	257.679	724.72	0.0036	P	4.8
7	☐	500.000	504.929	1344.52	0.0071	P	3.4
8	☐	1000.000	993.945	2560.76	0.0139	P	2.1
9	☐			2.47	0.0000	P	115.

$$y = 1.4002\text{E-}005 * x + 8.7115\text{E-}006$$

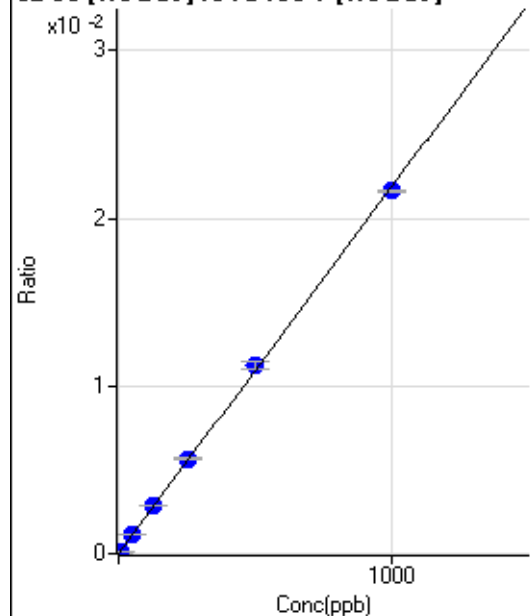
$$R = 0.9999$$

$$DL = 1.854$$

$$BEC = 0.6222$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.73	0.0000	P	78.8
2	☐	0.500					
3	☐	5.000	4.931	608.42	0.0001	P	13.6
4	☐	50.000	51.419	6108.18	0.0011	P	0.7
5	☐	125.000	130.144	15623.03	0.0028	P	0.6
6	☐	250.000	259.010	30809.18	0.0057	P	1.5
7	☐	500.000	514.607	59932.36	0.0113	P	3.6
8	☐	1000.000	989.730	117465.98	0.0216	P	0.4
9	☐			132.72	0.0000	P	5.2

$$y = 2.1856\text{E-}005 * x + 4.9835\text{E-}006$$

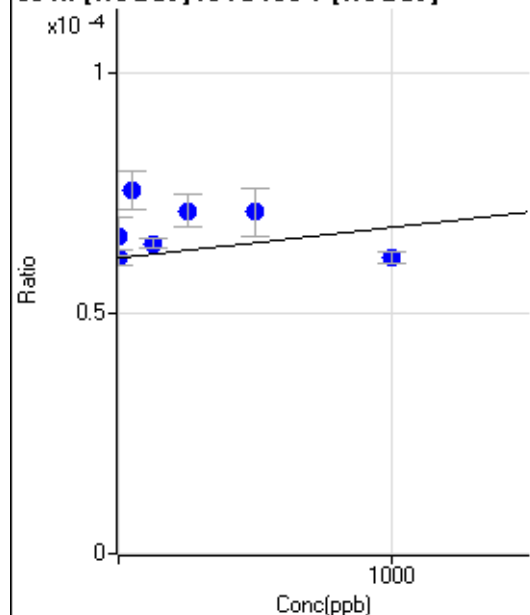
$$R = 0.9998$$

$$DL = 0.539$$

$$BEC = 0.228$$

Weight: <None>

Min Conc: 0

⁸³Kr [NoGas] ISTD: ⁸⁹Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	342.23	0.0001	P	5.3
2	☐	0.100					
3	☐	1.000	677.272	353.34	0.0001	P	12.1
4	☐	50.000	2189.549	407.79	0.0001	P	10.6
5	☐	125.000	472.951	353.34	0.0001	P	3.2
6	☐	250.000	1545.822	387.79	0.0001	P	9.2
7	☐	500.000	1500.591	377.79	0.0001	P	13.8
8	☐	1000.000	24.601	334.46	0.0001	P	3.6
9	☐			361.12	0.0001	P	6.2

$$y = 6.3687\text{E-}009 * x + 6.1440\text{E-}005$$

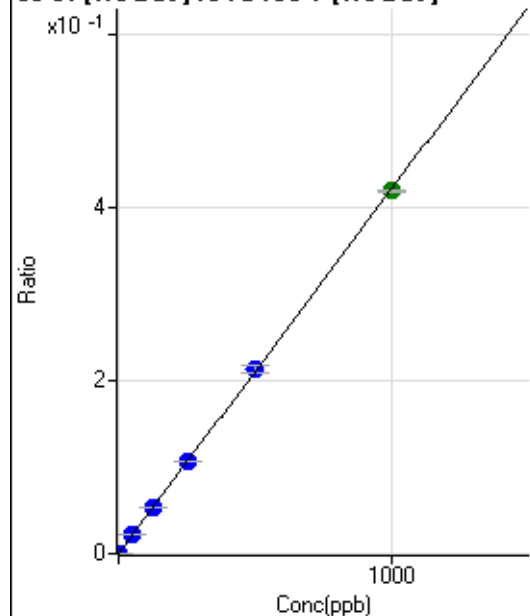
$$R = -0.2349$$

$$DL = 1521$$

$$BEC = 9647$$

Weight: <None>

Min Conc: 0

⁸⁶Sr [NoGas] ISTD: ⁸⁹Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	608.38	0.0001	P	11.8
2	☐	0.100					
3	☐	1.000	1.037	2942.11	0.0005	P	1.5
4	☐	50.000	50.818	116513.46	0.0215	P	1.8
5	☐	125.000	126.019	291905.54	0.0532	P	0.7
6	☐	250.000	253.487	581748.02	0.1070	P	0.6
7	☐	500.000	507.614	1140327.56	0.2141	P	4.0
8	☐	1000.000	995.153	2278332.43	0.4197	A	0.8
9	☐			11307.90	0.0021	P	0.6

$$y = 4.2159\text{E-}004 * x + 1.0924\text{E-}004$$

$$R = 0.9999$$

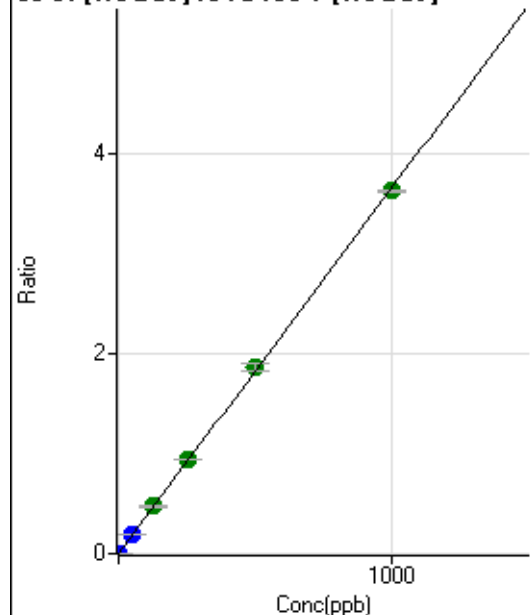
$$DL = 0.09182$$

$$BEC = 0.2591$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	1.021	20274.35	0.0038	P	2.8
4	☐	50.000	51.395	1018567.92	0.1882	P	1.1
5	☐	125.000	129.236	2595187.02	0.4733	A	0.5
6	☐	250.000	256.093	5100227.32	0.9379	A	0.6
7	☐	500.000	509.817	9943371.83	1.8670	A	4.0
8	☐	1000.000	992.969	19742309.64	3.6364	A	0.7
9	☐			92789.85	0.0176	P	0.6

$$y = 0.0037 * x + 2.7916E-005$$

$$R = 0.9999$$

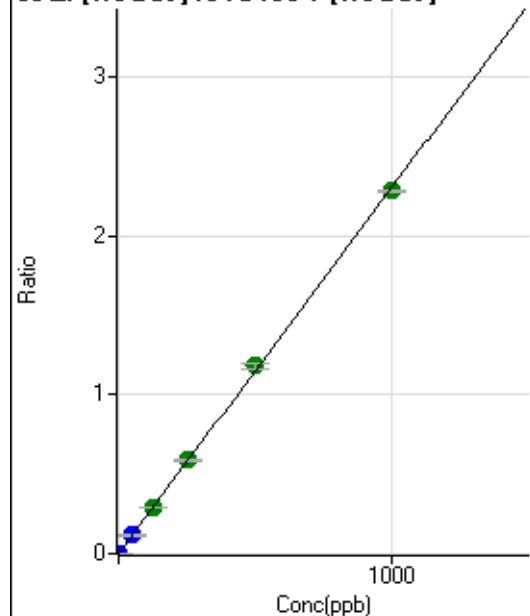
$$DL = 0.005043$$

$$BEC = 0.007623$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	547.26	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	0.919	11908.42	0.0022	P	2.0
4	☐	50.000	50.190	625076.38	0.1155	P	1.7
5	☐	125.000	127.673	1610447.96	0.2937	A	0.6
6	☐	250.000	255.065	3190331.21	0.5867	A	0.5
7	☐	500.000	512.920	6283124.06	1.1796	A	3.7
8	☐	1000.000	991.930	12384857.13	2.2812	A	0.5
9	☐			5084.50	0.0010	P	4.1

$$y = 0.0023 * x + 9.8241E-005$$

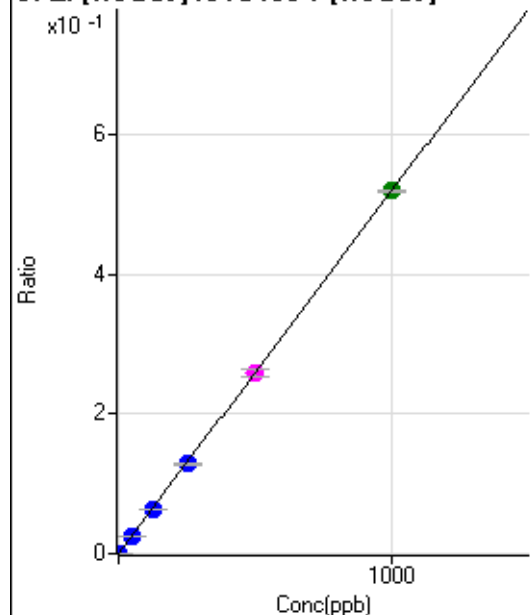
$$R = 0.9999$$

$$DL = 0.01088$$

$$BEC = 0.04272$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.920	2678.16	0.0005	P	3.0
4	☐	50.000	49.689	139513.39	0.0258	P	1.8
5	☐	125.000	123.262	350530.08	0.0639	P	0.6
6	☐	250.000	247.578	698146.35	0.1284	P	1.1
7	☐	500.000	500.709	1382652.20	0.2596	M	4.2
8	☐	1000.000	1000.484	2816416.56	0.5187	A	0.5
9	☐			1261.23	0.0002	P	8.7

$$y = 5.1848\text{E-}004 * x + 2.0940\text{E-}005$$

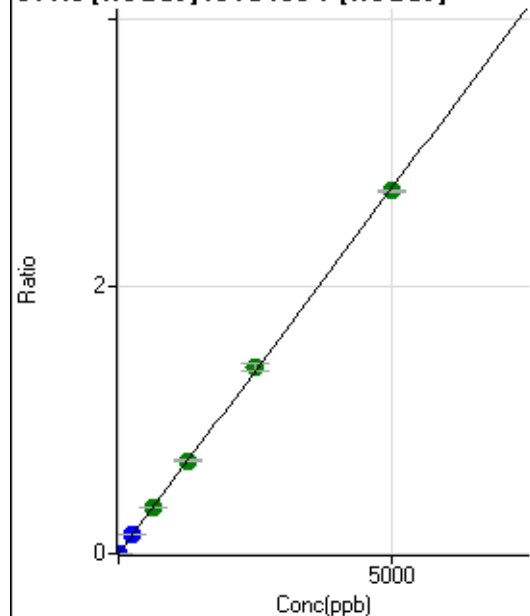
$$R = 1.0000$$

$$DL = 0.0169$$

$$BEC = 0.04039$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	208.34	0.0000	P	23.9
2	☐	0.500					
3	☐	5.000	5.027	14992.24	0.0028	P	0.9
4	☐	250.000	253.830	750812.33	0.1388	P	0.8
5	☐	625.000	636.260	1906764.36	0.3478	A	0.9
6	☐	1250.000	1275.088	3789505.81	0.6969	A	1.2
7	☐	2500.000	2549.034	7418122.82	1.3931	A	4.6
8	☐	5000.000	4967.612	14739181.06	2.7148	A	0.4
9	☐			20858.51	0.0039	P	3.0

$$y = 5.4650\text{E-}004 * x + 3.7399\text{E-}005$$

$$R = 0.9999$$

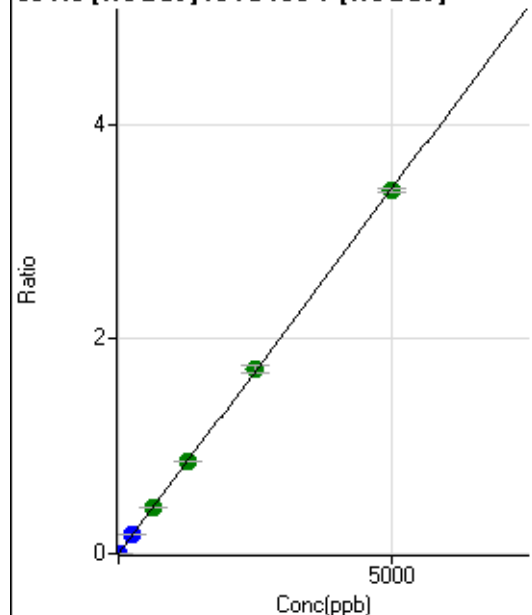
$$DL = 0.049$$

$$BEC = 0.06843$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	29.4
2	☐	0.500					
3	☐	5.000	4.986	18293.66	0.0034	P	2.5
4	☐	250.000	252.538	928121.52	0.1715	P	0.7
5	☐	625.000	638.209	2376480.17	0.4334	A	1.6
6	☐	1250.000	1270.274	4691462.26	0.8627	A	0.7
7	☐	2500.000	2537.879	9178582.67	1.7236	A	4.4
8	☐	5000.000	4974.214	18340358.57	3.3782	A	0.9
9	☐			33915.42	0.0064	P	1.9

$$y = 6.7914E-004 * x + 1.2975E-005$$

$$R = 0.9999$$

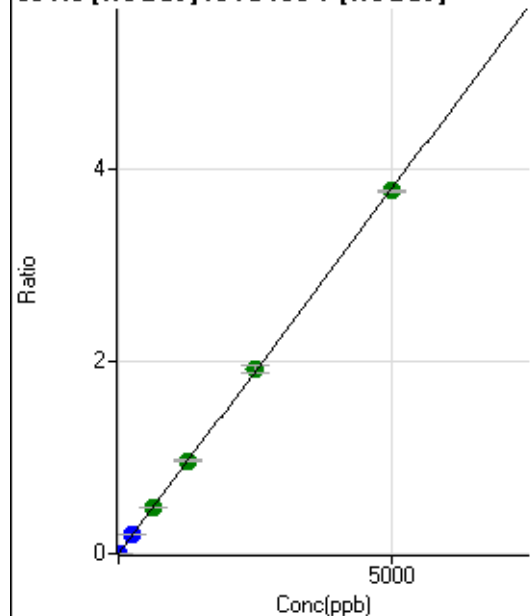
$$DL = 0.01682$$

$$BEC = 0.0191$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD : 89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	119.45	0.0000	P	26.4
2	☐	0.500					
3	☐	5.000	4.975	20455.09	0.0038	P	1.8
4	☐	250.000	251.422	1033404.66	0.1910	P	0.6
5	☐	625.000	630.182	2624421.37	0.4786	A	0.8
6	☐	1250.000	1273.274	5258945.78	0.9671	A	1.1
7	☐	2500.000	2536.363	10260084.08	1.9264	A	3.8
8	☐	5000.000	4975.281	20515336.92	3.7788	A	0.7
9	☐			38346.84	0.0073	P	1.3

$$y = 7.5950E-004 * x + 2.1447E-005$$

$$R = 0.9999$$

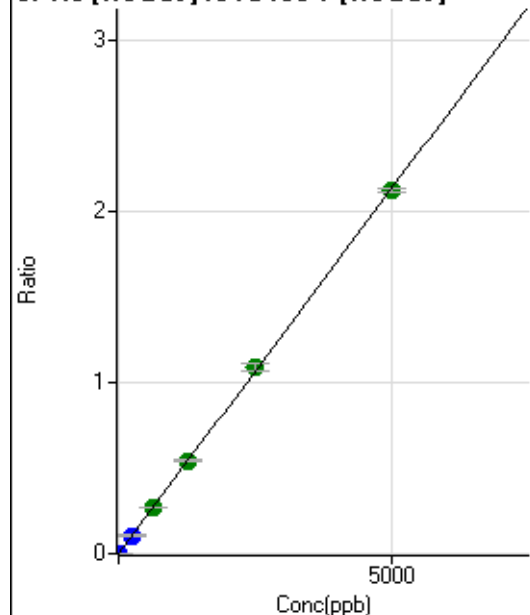
$$DL = 0.02239$$

$$BEC = 0.02824$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	61.5
2	☐	0.500					
3	☐	5.000	4.909	11324.64	0.0021	P	4.8
4	☐	250.000	249.533	575992.01	0.1064	P	1.2
5	☐	625.000	631.750	1477603.40	0.2695	A	0.2
6	☐	1250.000	1270.589	2947074.89	0.5420	A	1.7
7	☐	2500.000	2547.217	5786067.14	1.0865	A	4.3
8	☐	5000.000	4970.424	11510273.09	2.1201	A	0.9
9	☐			21250.68	0.0040	P	2.8

$$y = 4.2654E-004 * x + 1.1463E-005$$

$$R = 0.9999$$

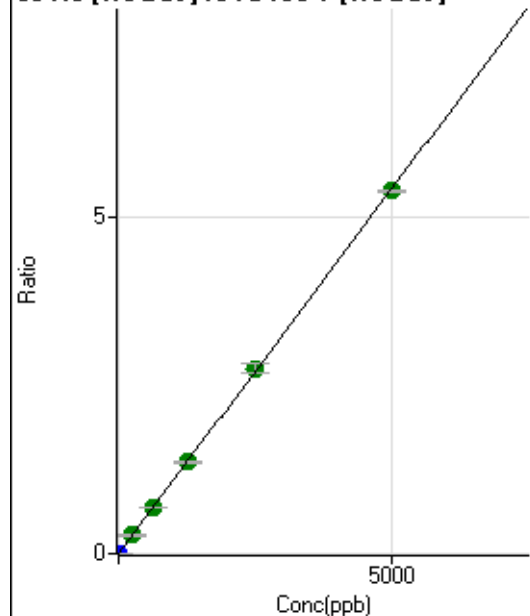
$$DL = 0.04962$$

$$BEC = 0.02687$$

Weight: <None>

Min Conc: 0

98 Mo [NoGas] ISTD : 89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	9.0
2	☐	0.500					
3	☐	5.000	4.965	29006.89	0.0054	P	2.8
4	☐	250.000	251.736	1473861.47	0.2724	A	1.5
5	☐	625.000	629.665	3735542.27	0.6813	A	0.1
6	☐	1250.000	1257.693	7399403.38	1.3608	A	1.6
7	☐	2500.000	2541.227	14639878.97	2.7494	A	4.8
8	☐	5000.000	4976.793	29233560.72	5.3846	A	0.5
9	☐			54030.97	0.0102	P	1.7

$$y = 0.0011 * x + 1.8449E-005$$

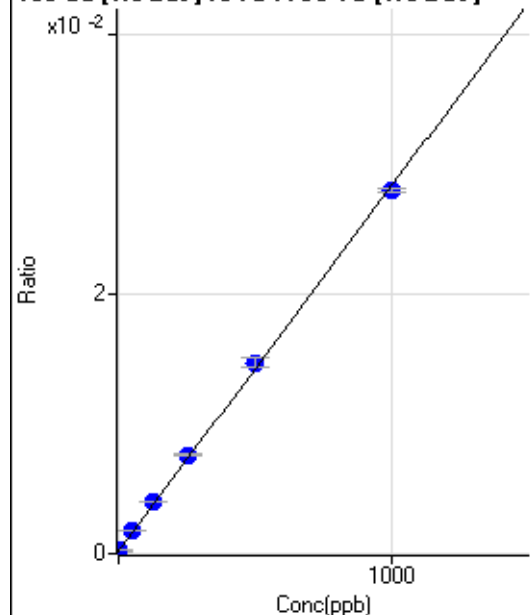
$$R = 0.9999$$

$$DL = 0.004626$$

$$BEC = 0.01705$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1227.88	0.0002	P	2.4
2	☐	0.100					
3	☐	1.000	1.769	1583.50	0.0002	P	3.2
4	☐	50.000	54.931	11897.50	0.0017	P	1.7
5	☐	125.000	135.501	28010.63	0.0040	P	0.8
6	☐	250.000	263.739	53791.65	0.0076	P	2.2
7	☐	500.000	516.873	104763.89	0.0147	P	5.3
8	☐	1000.000	986.569	207638.14	0.0280	P	1.2
9	☐			1264.02	0.0002	P	13.3

$$y = 2.8173\text{E-}005 * x + 1.8277\text{E-}004$$

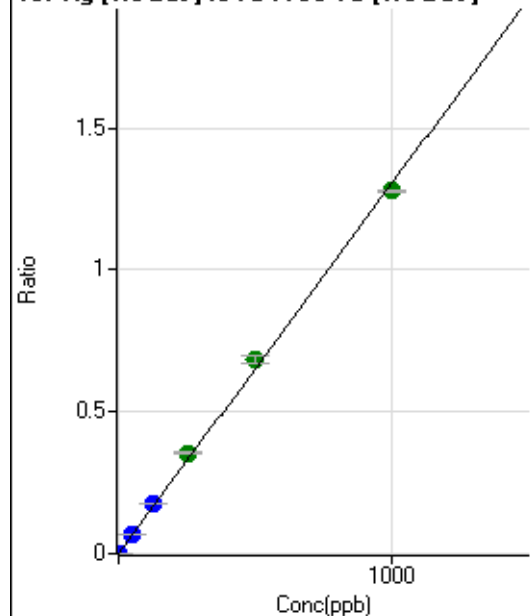
$$R = 0.9997$$

$$DL = 0.4578$$

$$BEC = 6.487$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.099	9795.63	0.0014	P	4.9
4	☐	50.000	54.192	485327.50	0.0706	P	1.1
5	☐	125.000	133.406	1216705.94	0.1738	P	1.0
6	☐	250.000	272.672	2509373.88	0.3551	A	2.2
7	☐	500.000	523.528	4846467.69	0.6819	A	3.9
8	☐	1000.000	981.307	9485745.09	1.2781	A	0.7
9	☐			1158.44	0.0002	P	11.1

$$y = 0.0013 * x + 9.9251\text{E-}006$$

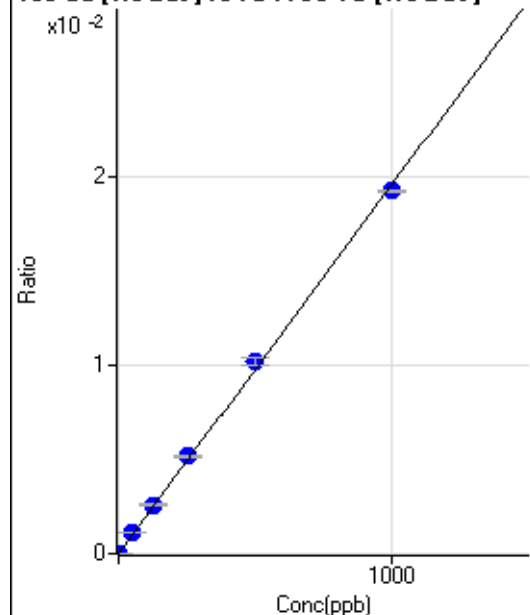
$$R = 0.9993$$

$$DL = 0.004971$$

$$BEC = 0.00762$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.94	0.0000	P	91.6
2	☐	0.100					
3	☐	1.000	0.931	130.56	0.0000	P	19.6
4	☐	50.000	55.700	7500.86	0.0011	P	2.8
5	☐	125.000	132.505	18163.89	0.0026	P	1.9
6	☐	250.000	263.703	36470.45	0.0052	P	1.9
7	☐	500.000	521.853	72591.60	0.0102	P	3.9
8	☐	1000.000	984.425	142985.34	0.0193	P	0.8
9	☐			40.28	0.0000	P	26.2

$$y = 1.9569E-005 * x + 1.0356E-006$$

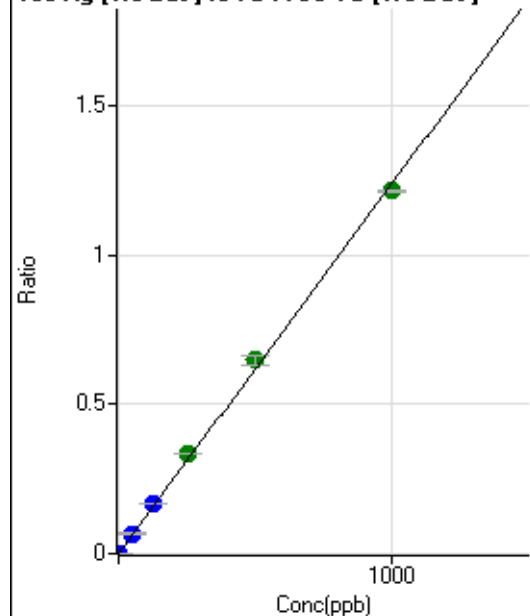
$$R = 0.9995$$

$$DL = 0.1454$$

$$BEC = 0.05292$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	46.8
2	☐	0.100					
3	☐	1.000	1.091	9236.91	0.0014	P	1.9
4	☐	50.000	54.222	461931.66	0.0672	P	1.7
5	☐	125.000	132.974	1153766.30	0.1648	P	0.2
6	☐	250.000	270.781	2370910.06	0.3355	A	1.0
7	☐	500.000	523.117	4606092.03	0.6482	A	4.7
8	☐	1000.000	982.038	9030993.95	1.2168	A	0.4
9	☐			1136.22	0.0002	P	13.8

$$y = 0.0012 * x + 6.6070E-006$$

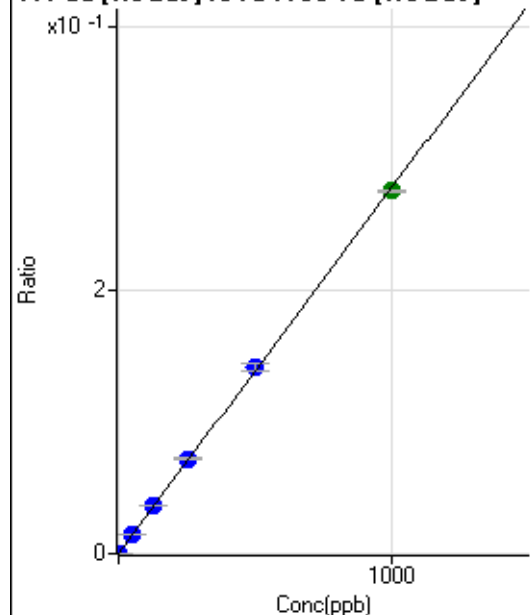
$$R = 0.9993$$

$$DL = 0.007485$$

$$BEC = 0.005332$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	862.99	0.0001	P	1.9
2	☐	0.100					
3	☐	1.000	1.091	2929.74	0.0004	P	2.8
4	☐	50.000	52.843	101597.16	0.0148	P	0.2
5	☐	125.000	130.265	253755.36	0.0362	P	0.7
6	☐	250.000	258.943	508140.45	0.0719	P	0.9
7	☐	500.000	509.749	1005214.55	0.1414	P	4.1
8	☐	1000.000	992.090	2042113.06	0.2751	A	0.8
9	☐			1231.63	0.0002	P	7.8

$$y = 2.7721\text{E-}004 * x + 1.2845\text{E-}004$$

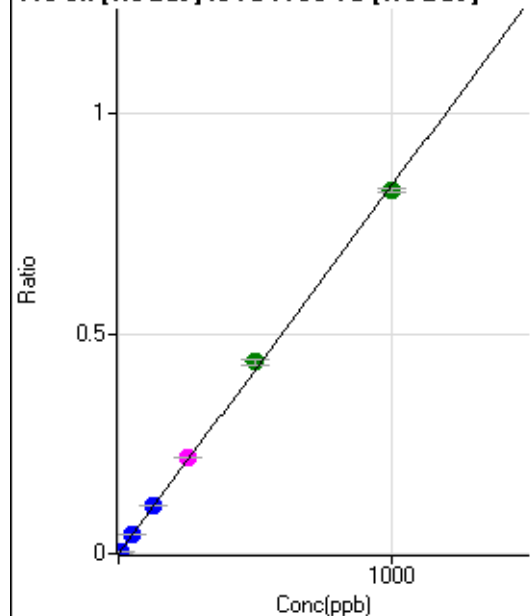
$$R = 0.9999$$

$$DL = 0.02611$$

$$BEC = 0.4634$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1052.87	0.0002	P	14.3
2	☐	0.500					
3	☐	5.000	5.169	30432.81	0.0045	P	2.8
4	☐	50.000	52.263	301304.42	0.0438	P	0.4
5	☐	125.000	130.211	762890.03	0.1090	P	0.9
6	☐	250.000	259.908	1535610.99	0.2173	M	0.9
7	☐	500.000	520.764	3093795.88	0.4353	A	3.7
8	☐	1000.000	986.376	6117644.11	0.8243	A	1.1
9	☐			15100.78	0.0021	P	1.7

$$y = 8.3552\text{E-}004 * x + 1.5677\text{E-}004$$

$$R = 0.9996$$

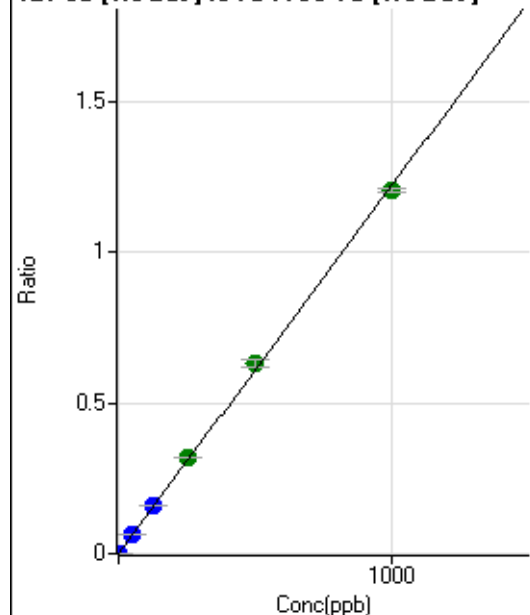
$$DL = 0.08068$$

$$BEC = 0.1876$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD : 159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	191.68	0.0000	P	4.6
2	☐	0.200					
3	☐	2.000	1.995	16727.92	0.0025	P	2.5
4	☐	50.000	51.807	434152.39	0.0631	P	0.4
5	☐	125.000	130.901	1116906.84	0.1595	P	0.6
6	☐	250.000	263.122	2265429.44	0.3206	A	0.6
7	☐	500.000	518.611	4491182.74	0.6319	A	3.6
8	☐	1000.000	986.586	8920794.91	1.2020	A	1.0
9	☐			24818.38	0.0034	P	3.7

$$y = 0.0012 * x + 2.8532E-005$$

$$R = 0.9996$$

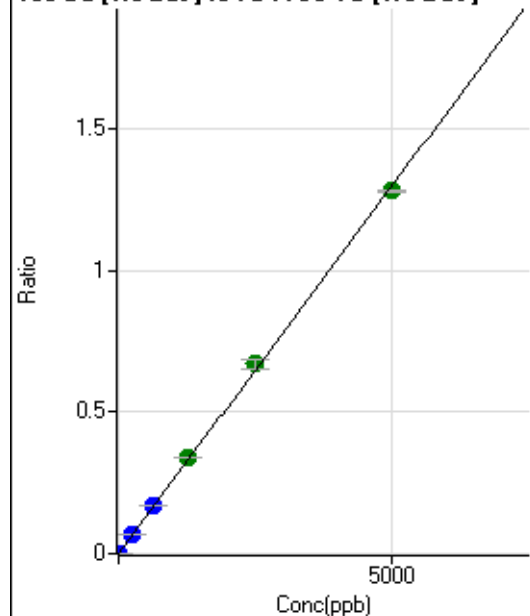
$$DL = 0.003251$$

$$BEC = 0.02342$$

Weight: <None>

Min Conc: 0

135 Ba [NoGas] ISTD : 159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.4
2	☐	1.000					
3	☐	10.000	10.181	17979.58	0.0026	P	2.2
4	☐	250.000	261.180	465572.74	0.0677	P	1.0
5	☐	625.000	651.264	1182333.99	0.1689	P	0.7
6	☐	1250.000	1303.488	2388066.48	0.3379	A	0.7
7	☐	2500.000	2581.312	4755979.53	0.6692	A	4.5
8	☐	5000.000	4942.130	9509558.29	1.2813	A	0.6
9	☐			2283.64	0.0003	P	8.7

$$y = 2.5926E-004 * x + 4.1348E-006$$

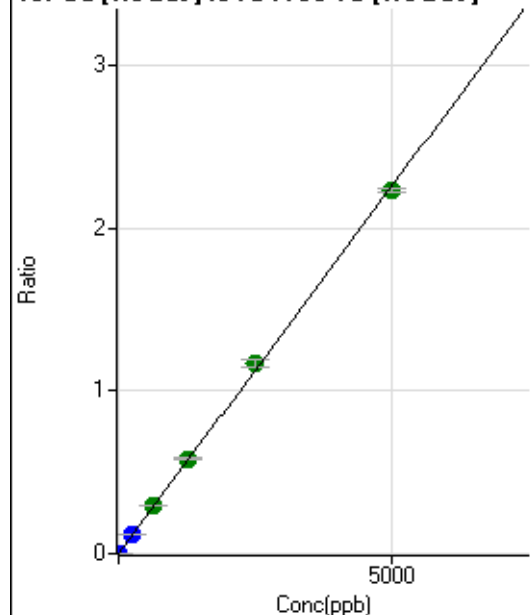
$$R = 0.9997$$

$$DL = 0.008331$$

$$BEC = 0.01595$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.4
2	☐	1.000					
3	☐	10.000	10.230	31438.42	0.0046	P	3.0
4	☐	250.000	259.945	806839.85	0.1174	P	0.6
5	☐	625.000	658.373	2081240.74	0.2972	A	0.0
6	☐	1250.000	1293.600	4126521.28	0.5840	A	1.3
7	☐	2500.000	2582.951	8287243.67	1.1661	A	4.2
8	☐	5000.000	4942.955	16561392.04	2.2315	A	1.0
9	☐			4184.21	0.0006	P	5.0

$$y = 4.5144\text{E-}004 * x + 4.5421\text{E-}006$$

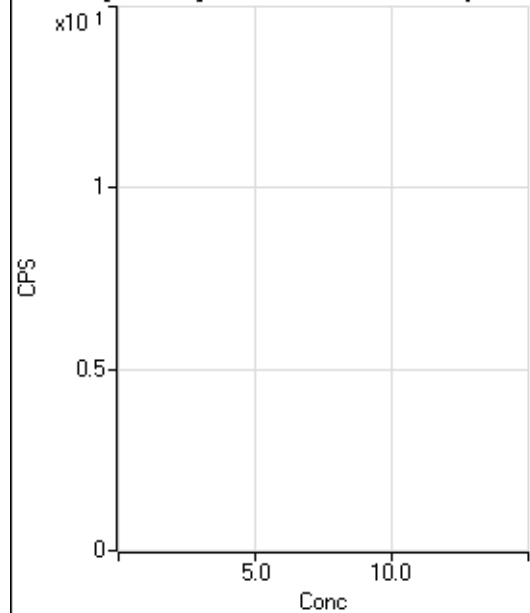
$$R = 0.9997$$

$$DL = 0.01701$$

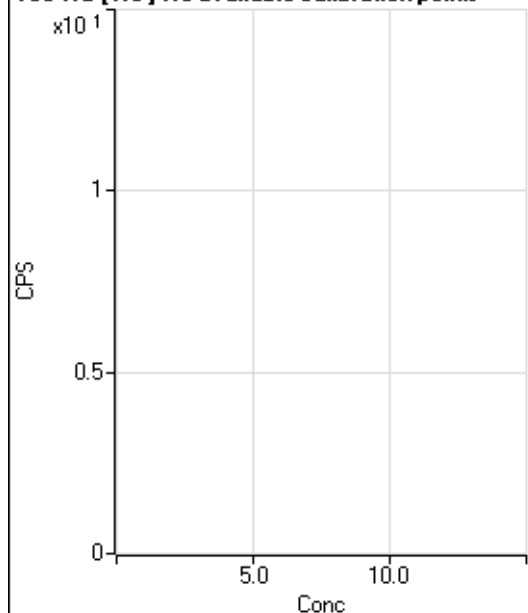
$$BEC = 0.01006$$

Weight: <None>

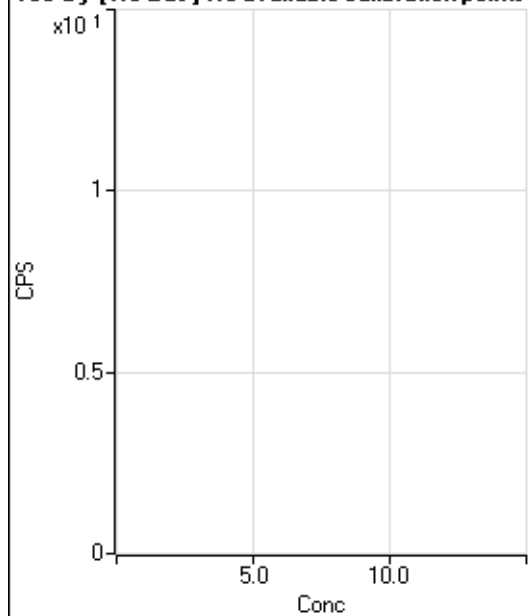
Min Conc: 0

150 Nd [No Gas] No available calibration points

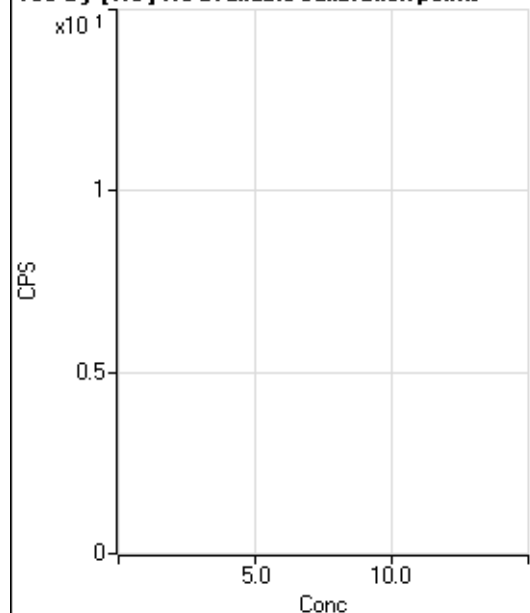
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			2.22		P	173.
4	☐			42.22		P	63.8
5	☐			40.00		P	50.0
6	☐			88.89		P	48.2
7	☐			217.79		P	11.6
8	☐			442.25		P	3.1
9	☐			104.45		P	13.3

150 Nd [He] No available calibration points

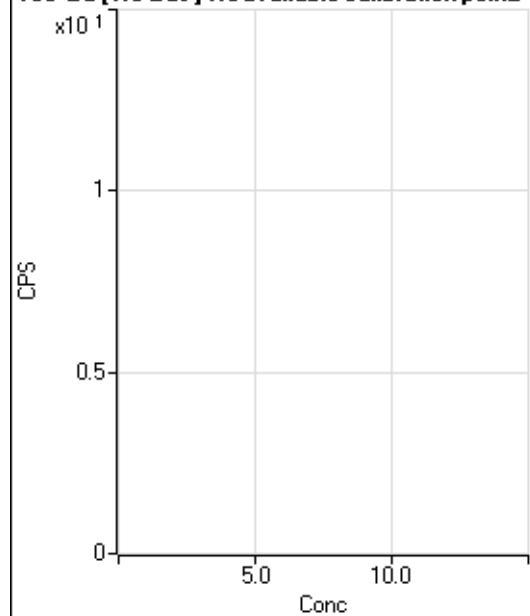
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			0.00		P	
6	☐			0.00		P	
7	☐			3.33		P	100.
8	☐			14.44		P	35.3
9	☐			14.45		P	74.2

156 Dy [No Gas] No available calibration points

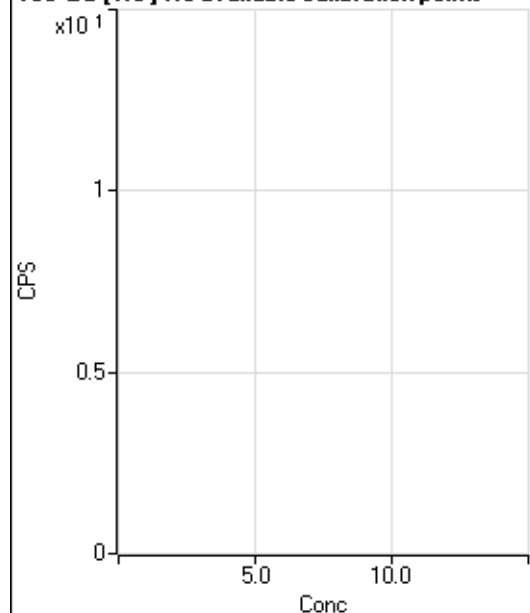
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			13.89		P	34.7
4	☐			33.34		P	43.3
5	☐			11.11		P	86.6
6	☐			30.55		P	15.7
7	☐			52.78		P	81.0
8	☐			133.34		P	43.8
9	☐			100.01		P	8.3

156 Dy [He] No available calibration points

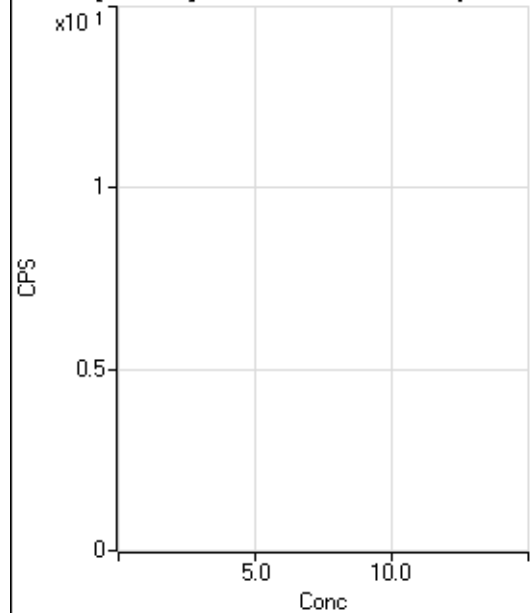
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	173.
5	☐			2.22		P	86.6
6	☐			1.11		P	173.
7	☐			6.67		P	50.0
8	☐			13.33		P	50.0
9	☐			15.56		P	32.7

160 Gd [No Gas] No available calibration poin_

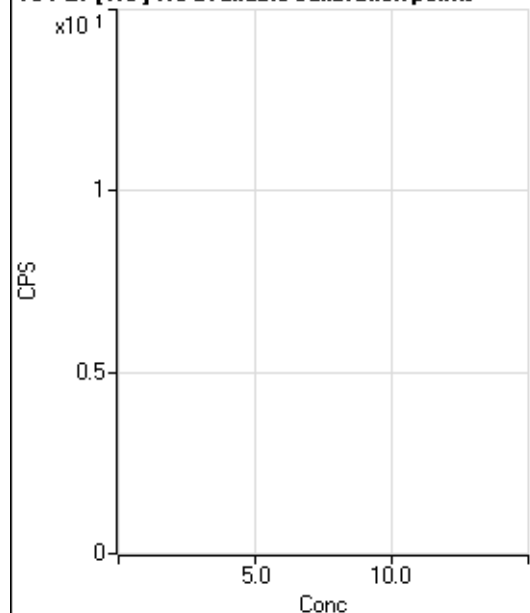
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	9.1
2	☐						
3	☐			38.89		P	32.7
4	☐			69.45		P	13.9
5	☐			55.56		P	17.3
6	☐			50.00		P	50.0
7	☐			63.89		P	27.2
8	☐			108.34		P	35.2
9	☐			130.56		P	20.5

160 Gd [He] No available calibration points

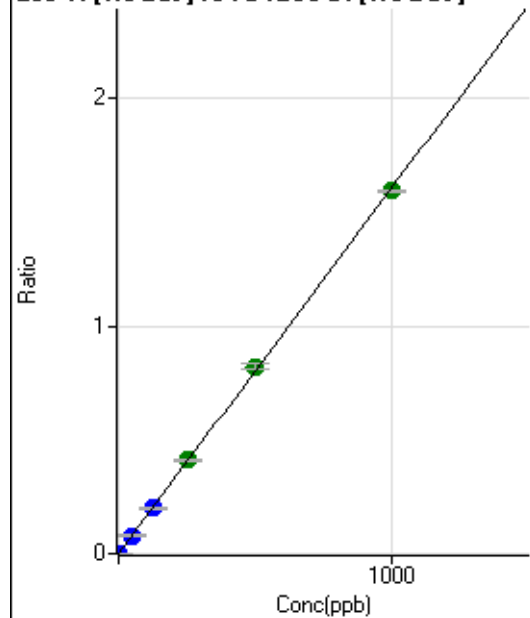
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐						
3	☐			6.67		P	0.0
4	☐			6.66		P	86.6
5	☐			13.33		P	25.0
6	☐			3.33		P	100.
7	☐			18.89		P	53.9
8	☐			24.45		P	28.4
9	☐			21.11		P	39.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			55.56		P	52.7
4	☐			16.67		P	50.0
5	☐			41.67		P	40.0
6	☐			33.33		P	66.2
7	☐			30.56		P	95.8
8	☐			66.67		P	45.1
9	☐			58.34		P	37.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			6.67		P	0.0
4	☐			6.67		P	50.0
5	☐			2.22		P	86.6
6	☐			4.44		P	114.
7	☐			7.78		P	65.5
8	☐			10.00		P	57.8
9	☐			8.89		P	43.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	28.0
2	☐	0.100					
3	☐	1.000	0.967	6971.65	0.0016	P	3.8
4	☐	50.000	49.824	360467.03	0.0800	P	1.4
5	☐	125.000	123.769	918120.74	0.1988	P	1.0
6	☐	250.000	257.095	1931255.51	0.4129	A	1.7
7	☐	500.000	511.317	3966921.62	0.8211	A	3.1
8	☐	1000.000	992.730	7994692.19	1.5942	A	0.8
9	☐			4173.11	0.0009	P	10.3

$$y = 0.0016 * x + 2.3685E-005$$

$$R = 0.9999$$

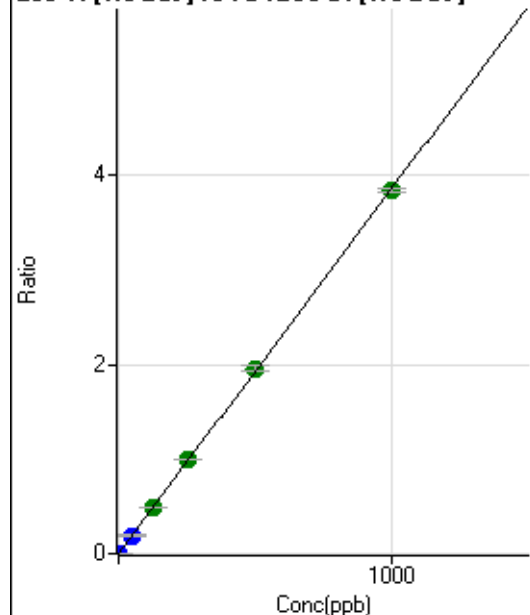
$$DL = 0.0124$$

$$BEC = 0.01475$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	32.0
2	☐	0.100					
3	☐	1.000	0.978	16847.96	0.0038	P	2.3
4	☐	50.000	49.981	868446.55	0.1928	P	1.3
5	☐	125.000	126.073	2246142.54	0.4863	A	1.4
6	☐	250.000	256.533	4628747.41	0.9895	A	0.5
7	☐	500.000	507.443	9456733.46	1.9573	A	2.8
8	☐	1000.000	994.512	19236578.55	3.8360	A	1.1
9	☐			9506.80	0.0021	P	6.6

$$y = 0.0039 * x + 3.5500E-005$$

$$R = 0.9999$$

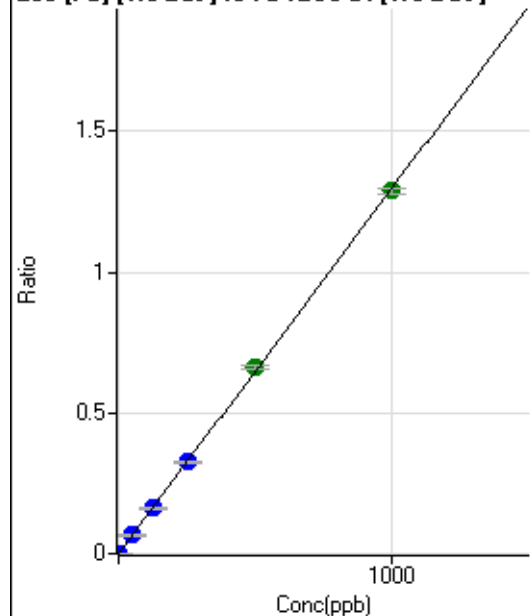
$$DL = 0.00883$$

$$BEC = 0.009204$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	274.09	0.0001	P	19.2
2	☐	0.100					
3	☐	1.000	1.017	6094.23	0.0014	P	6.2
4	☐	50.000	50.132	292755.94	0.0650	P	0.7
5	☐	125.000	124.274	743756.56	0.1610	P	1.1
6	☐	250.000	250.568	1518441.67	0.3246	P	0.7
7	☐	500.000	510.644	3195963.53	0.6615	A	2.6
8	☐	1000.000	994.620	6460724.39	1.2884	A	1.4
9	☐			6779.80	0.0015	P	2.2

$$y = 0.0013 * x + 6.1435E-005$$

$$R = 0.9999$$

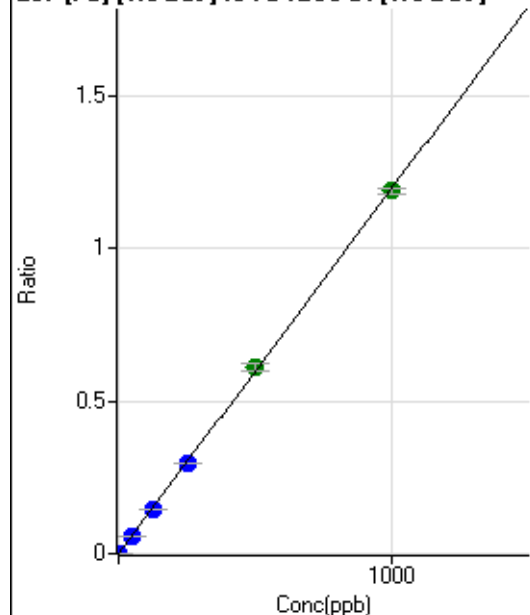
$$DL = 0.02728$$

$$BEC = 0.04743$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.19	0.0001	P	11.2
2	☐	0.100					
3	☐	1.000	1.022	5629.20	0.0013	P	3.1
4	☐	50.000	49.035	264033.18	0.0586	P	1.5
5	☐	125.000	123.007	678863.96	0.1470	P	1.2
6	☐	250.000	248.041	1386147.93	0.2963	P	0.5
7	☐	500.000	512.727	2958638.58	0.6125	A	3.7
8	☐	1000.000	994.424	5956657.42	1.1879	A	1.6
9	☐			5757.01	0.0012	P	2.6

$$y = 0.0012 * x + 5.2751E-005$$

$$R = 0.9999$$

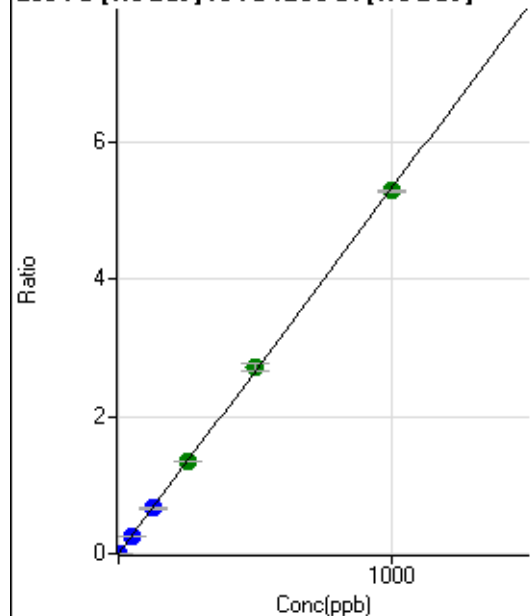
$$DL = 0.01487$$

$$BEC = 0.04416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1063.02	0.0002	P	11.0
2	☐	0.100					
3	☐	1.000	1.007	24713.76	0.0056	P	3.2
4	☐	50.000	49.721	1190924.78	0.2644	P	1.0
5	☐	125.000	123.853	3040442.59	0.6583	P	0.9
6	☐	250.000	253.520	6301810.60	1.3472	A	0.6
7	☐	500.000	511.137	13120093.00	2.7160	A	3.4
8	☐	1000.000	993.709	26477730.51	5.2799	A	0.7
9	☐			26417.00	0.0057	P	1.5

$$y = 0.0053 * x + 2.3833E-004$$

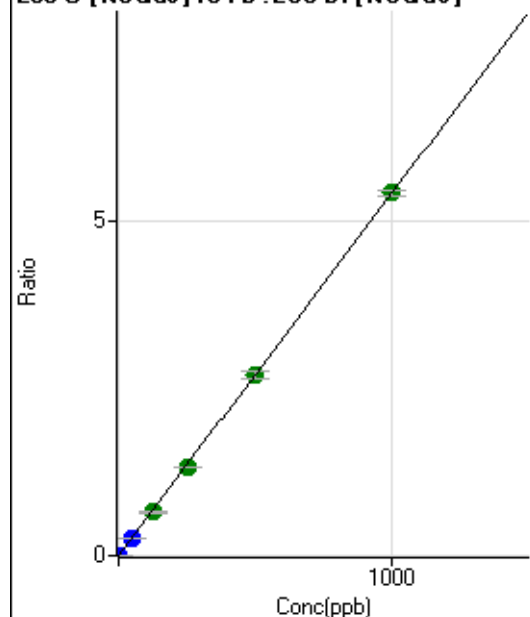
$$R = 0.9999$$

$$DL = 0.0148$$

$$BEC = 0.04486$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.1
2	☐	0.100					
3	☐	1.000	0.964	23050.05	0.0052	P	3.3
4	☐	50.000	47.210	1148780.93	0.2550	P	0.7
5	☐	125.000	120.012	2994514.39	0.6483	A	1.2
6	☐	250.000	245.129	6194350.92	1.3243	A	1.1
7	☐	500.000	499.709	13039856.11	2.6996	A	3.9
8	☐	1000.000	1002.127	27148491.23	5.4138	A	1.2
9	☐			4926.25	0.0011	P	7.7

$$y = 0.0054 * x + 4.9766E-006$$

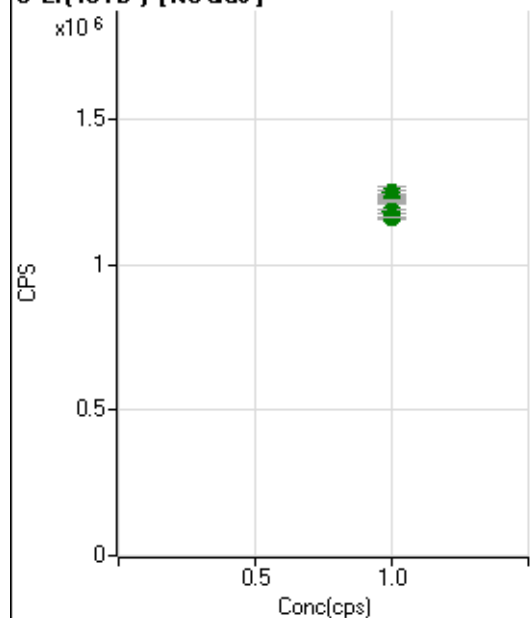
$$R = 1.0000$$

$$DL = 0.001577$$

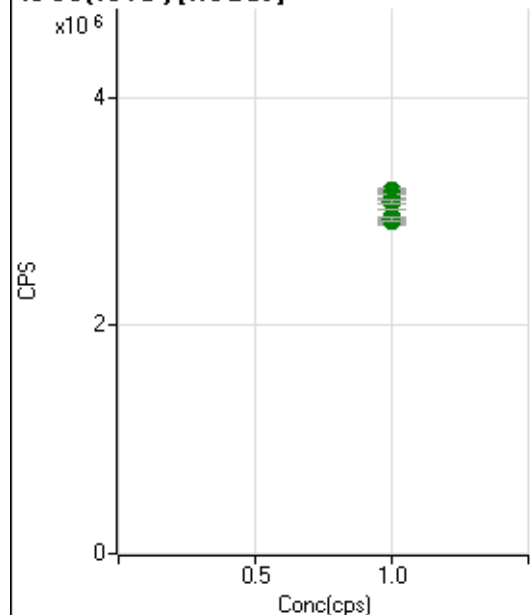
$$BEC = 0.0009212$$

Weight: <None>

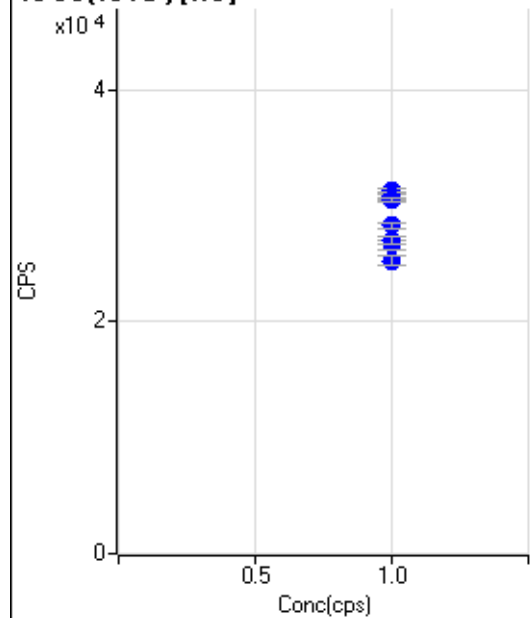
Min Conc: 0

6 Li(ISTD) [No Gas]

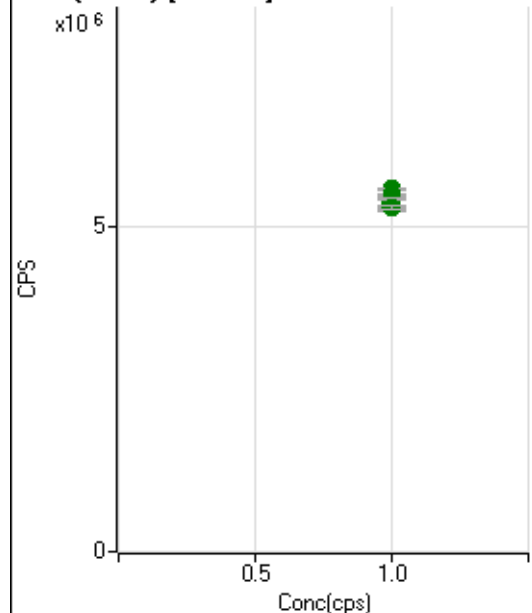
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1223301.85		A	0.7
2	☐	1.000					
3	☐	1.000		1246520.87		A	3.8
4	☐	1.000		1240714.33		A	1.9
5	☐	1.000		1237040.52		A	0.5
6	☐	1.000		1220783.10		A	0.6
7	☐	1.000		1185309.32		A	4.5
8	☐	1.000		1182875.98		A	0.7
9	☐	1.000		1160938.01		A	0.2

45 Sc(ISTD) [NoGas]

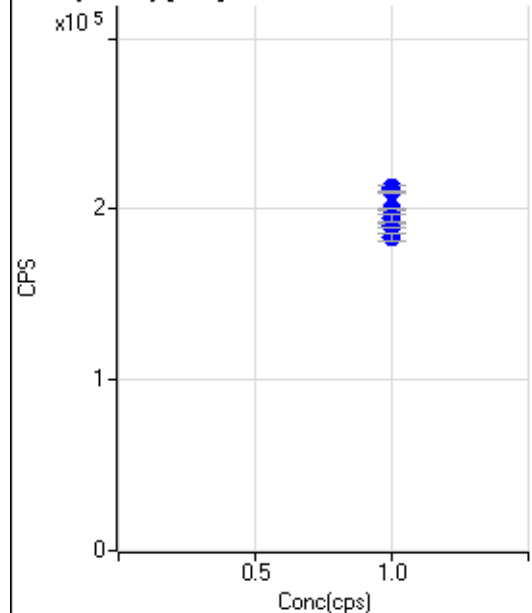
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3178813.72		A	0.8
2	☐	1.000					
3	☐	1.000		3148105.30		A	3.0
4	☐	1.000		3146023.64		A	1.5
5	☐	1.000		3152795.43		A	0.2
6	☐	1.000		3076579.13		A	1.0
7	☐	1.000		2948244.34		A	4.1
8	☐	1.000		2918691.82		A	1.4
9	☐	1.000		2929867.40		A	0.8

45 Sc(ISTD) [He]

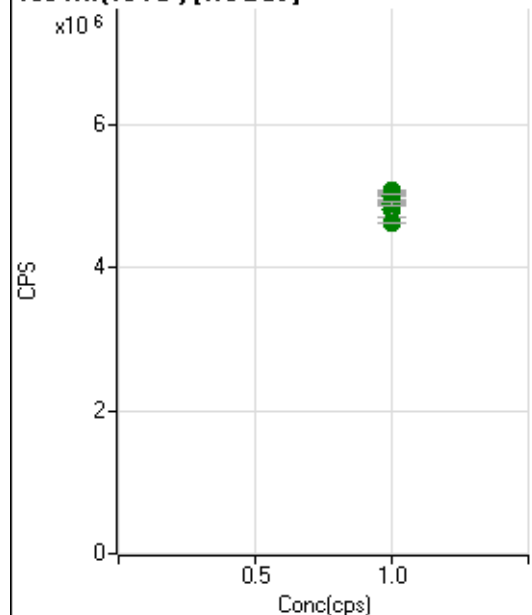
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31266.08		P	1.1
2	☐	1.000					
3	☐	1.000		30747.15		P	2.0
4	☐	1.000		30711.52		P	2.5
5	☐	1.000		30503.27		P	1.5
6	☐	1.000		28304.18		P	2.0
7	☐	1.000		26648.85		P	2.9
8	☐	1.000		25269.59		P	3.1
9	☐	1.000		27013.98		P	2.6

89 Y (ISTD) [No Gas]

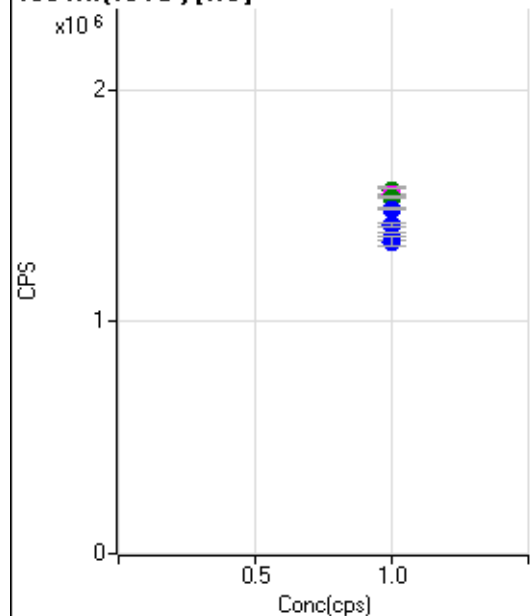
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5570049.29		A	0.4
2	☐	1.000					
3	☐	1.000		5384319.68		A	3.4
4	☐	1.000		5411280.27		A	0.6
5	☐	1.000		5483162.14		A	0.7
6	☐	1.000		5438365.06		A	1.1
7	☐	1.000		5331500.16		A	4.0
8	☐	1.000		5429247.42		A	0.6
9	☐	1.000		5286529.78		A	1.0

89 Y (ISTD) [He]

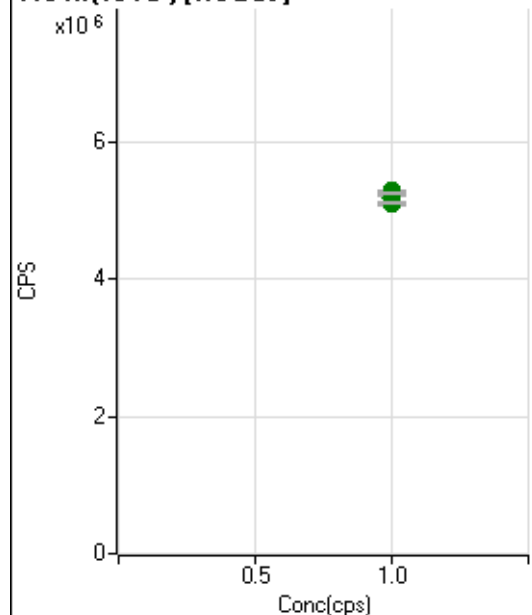
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		212324.64		P	1.1
2	☐	1.000					
3	☐	1.000		212458.90		P	1.5
4	☐	1.000		211872.97		P	2.2
5	☐	1.000		210098.76		P	0.1
6	☐	1.000		200349.32		P	0.7
7	☐	1.000		189936.19		P	1.3
8	☐	1.000		183896.48		P	2.3
9	☐	1.000		194492.06		P	2.6

103 Rh(ISTD) [NoGas]

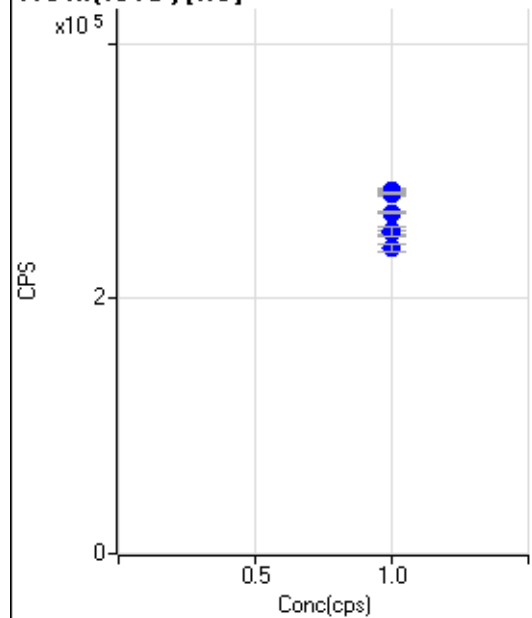
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5076951.85		A	0.5
2	☐	1.000					
3	☐	1.000		5018370.56		A	3.2
4	☐	1.000		5039159.70		A	0.9
5	☐	1.000		5019909.62		A	0.3
6	☐	1.000		4997503.93		A	1.7
7	☐	1.000		4807280.88		A	3.6
8	☐	1.000		4890595.77		A	1.3
9	☐	1.000		4624497.02		A	0.3

103 Rh(ISTD) [He]

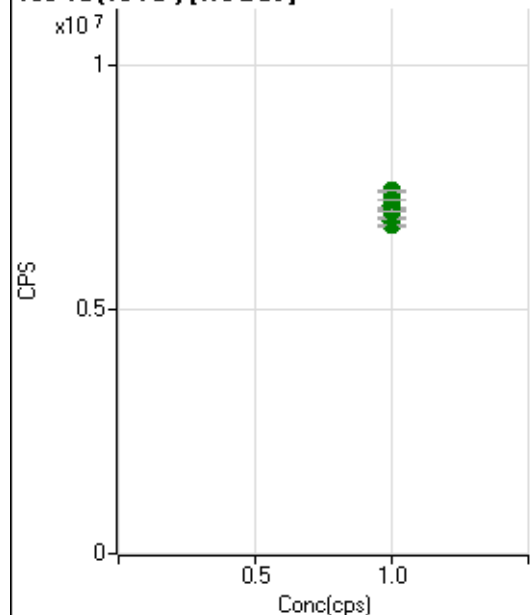
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1539974.18		A	1.2
2	☐	1.000					
3	☐	1.000		1563321.85		A	2.0
4	☐	1.000		1550955.08		M	2.7
5	☐	1.000		1535489.44		A	0.7
6	☐	1.000		1484395.74		P	0.4
7	☐	1.000		1420665.43		P	1.2
8	☐	1.000		1367609.51		P	2.5
9	☐	1.000		1345034.79		P	2.8

115 In(ISTD) [NoGas]

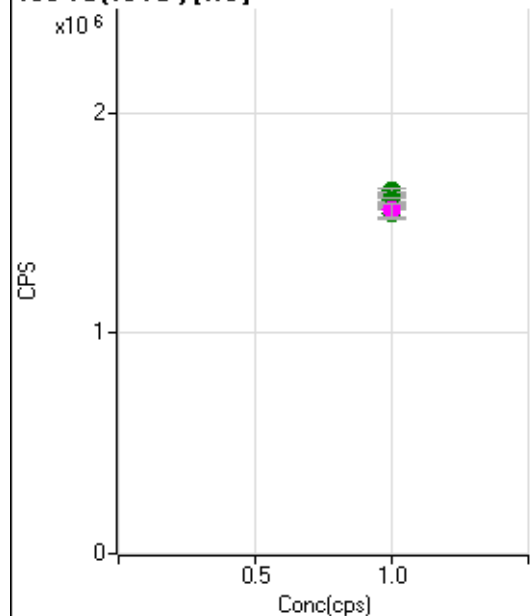
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5245544.05		A	0.6
2	☐	1.000					
3	☐	1.000		5226764.44		A	3.0
4	☐	1.000		5275221.47		A	1.0
5	☐	1.000		5293981.80		A	0.2
6	☐	1.000		5272122.68		A	1.5
7	☐	1.000		5192047.25		A	3.8
8	☐	1.000		5264191.69		A	0.6
9	☐	1.000		5114355.84		A	0.5

115 In(ISTD) [He]

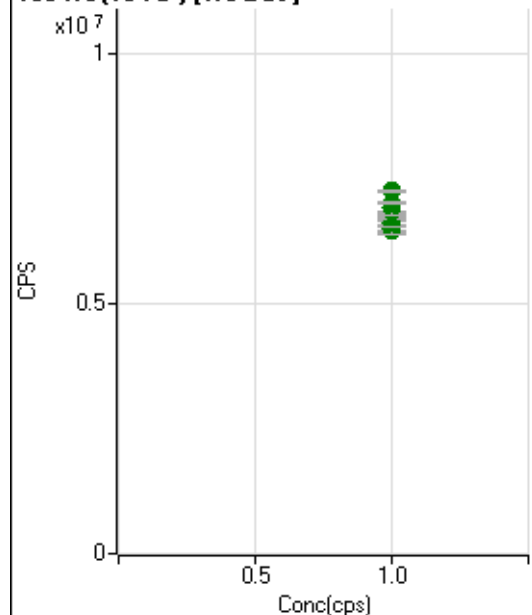
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		283069.61		P	0.9
2	☐	1.000					
3	☐	1.000		284519.05		P	1.5
4	☐	1.000		283259.40		P	1.5
5	☐	1.000		282054.95		P	0.5
6	☐	1.000		267663.30		P	0.1
7	☐	1.000		251542.15		P	0.9
8	☐	1.000		239590.54		P	2.9
9	☐	1.000		252785.75		P	3.4

159 Tb(ISTD) [NoGas]

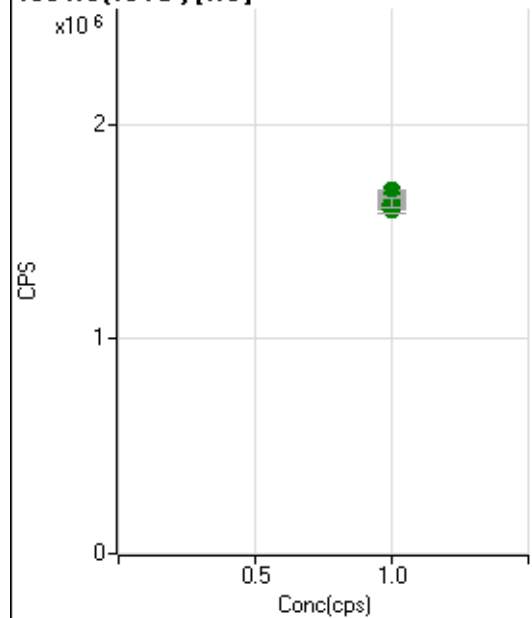
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6718590.87		A	0.4
2	☐	1.000					
3	☐	1.000		6803495.25		A	2.7
4	☐	1.000		6875399.55		A	0.7
5	☐	1.000		7002299.41		A	0.4
6	☐	1.000		7066618.64		A	0.9
7	☐	1.000		7113942.81		A	3.5
8	☐	1.000		7421949.54		A	0.6
9	☐	1.000		7228117.04		A	0.2

159 Tb(ISTD) [He]

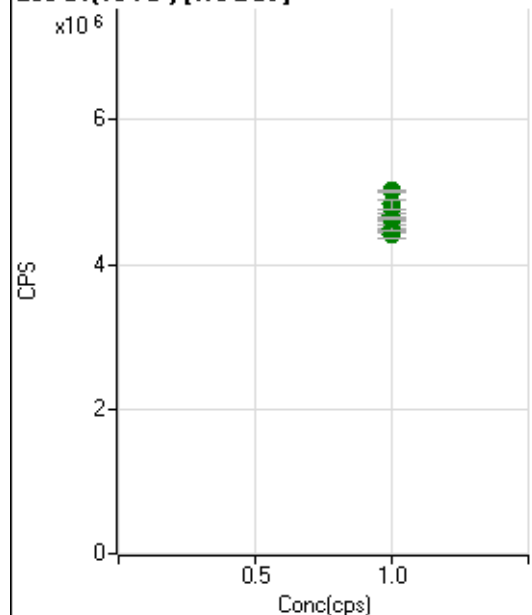
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1600034.07		A	2.2
2	☐	1.000					
3	☐	1.000		1612701.24		A	1.9
4	☐	1.000		1614572.21		M	2.3
5	☐	1.000		1647518.24		A	0.9
6	☐	1.000		1605507.88		A	0.9
7	☐	1.000		1574506.71		A	1.4
8	☐	1.000		1547794.74		A	3.1
9	☐	1.000		1560282.34		M	3.6

¹⁶⁵Ho(ISTD) [NoGas]

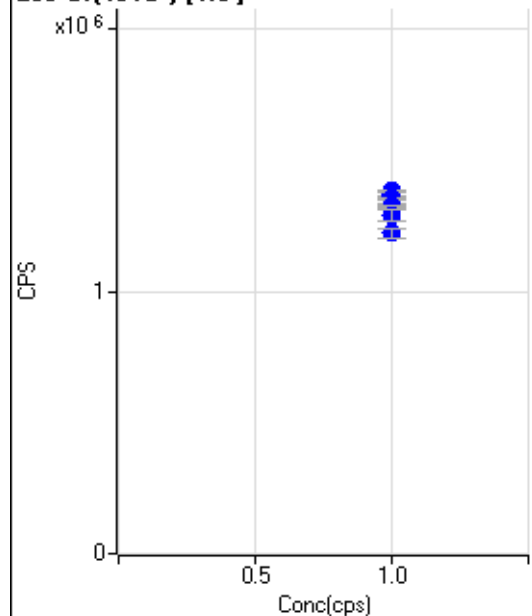
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6438459.30		A	0.6
2	☐	1.000					
3	☐	1.000		6477972.24		A	3.1
4	☐	1.000		6600068.64		A	1.7
5	☐	1.000		6714879.15		A	0.7
6	☐	1.000		6829322.63		A	0.3
7	☐	1.000		6909819.73		A	4.1
8	☐	1.000		7250983.15		A	0.7
9	☐	1.000		7009007.88		A	0.4

¹⁶⁵Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1630191.24		A	1.2
2	☐	1.000					
3	☐	1.000		1668634.56		A	1.6
4	☐	1.000		1661686.45		A	1.9
5	☐	1.000		1690641.81		A	0.4
6	☐	1.000		1664043.43		A	0.9
7	☐	1.000		1620015.30		A	1.6
8	☐	1.000		1606678.64		A	2.6
9	☐	1.000		1632582.91		A	2.8

209 Bi(ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4459657.12		A	0.3
2	☐	1.000					
3	☐	1.000		4424780.18		A	3.5
4	☐	1.000		4504424.90		A	1.3
5	☐	1.000		4618884.03		A	0.6
6	☐	1.000		4677766.70		A	0.6
7	☐	1.000		4833777.08		A	2.8
8	☐	1.000		5014966.83		A	0.8
9	☐	1.000		4630045.90		A	0.7

209 Bi(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1347163.09		P	2.0
2	☐	1.000					
3	☐	1.000		1360701.07		P	2.0
4	☐	1.000		1367933.17		P	2.4
5	☐	1.000		1382393.21		P	0.5
6	☐	1.000		1352914.67		P	0.9
7	☐	1.000		1325602.72		P	0.5
8	☐	1.000		1289359.42		P	3.4
9	☐	1.000		1220711.66		P	3.3

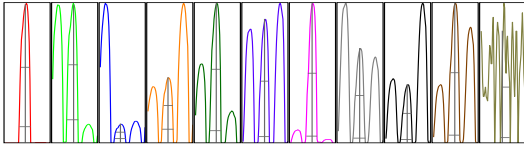
US EPA Tune Check Sample Report

Batch Folder D:\P8100818-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]	Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
	9	7009	0.95	5.00	
	24	62106	1.03	5.00	
	25	8725	1.12	5.00	
	26	10384	1.22	5.00	
	59	64846	0.89	5.00	
	113	9033	0.62	5.00	
	115	109264	0.89	5.00	
	206	27189	0.86	5.00	
	207	24881	0.70	5.00	
	208	59427	1.20	5.00	
	220	1	14.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7045	7042	7077	6912	6972
24	62866	62170	62350	61115	62029
25	8805	8745	8803	8567	8704
26	10551	10417	10408	10200	10346
59	65309	64848	64422	64146	65505
113	9084	9024	9065	8940	9050
115	110210	109441	109705	107629	109335
206	27263	27009	27254	26912	27507
207	24797	24740	24975	24748	25145
208	59011	58961	59947	58804	60412
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11992	8.90	8.9 - 9.1		0.757	0.900	
24	106207	23.95	23.9 - 24.1		0.747	0.900	
25	14427	24.90	24.9 - 25.1		0.740	0.900	
26	16768	25.90	25.9 - 26.1		0.742	0.900	
59	113715	58.95	58.9 - 59.1		0.754	0.900	
113	16882	113.00	112.9 - 113.1		0.729	0.900	
115	202856	115.00	114.9 - 115.1		0.740	0.900	
206	49487	206.00	205.9 - 206.1		0.801	0.900	
207	45037	207.00	206.9 - 207.1		0.776	0.900	
208	107521	208.00	207.9 - 208.1		0.780	0.900	
220	1	220.00	-		0.633		

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

Tune Parameters

Plasma Parameters

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	10.7	V	Deflect	15.0	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9619	1.76	
89	2751	2.18	
205	14096	1.45	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9663	9320	9694	9701	9720
89	2787	2646	2780	2756	2785
205	14153	13739	14235	14136	14219

Integration Time [sec] = 0.1

Tune Parameters

Plasma Parameters

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	10.7	V	Deflect	1.6	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:04:36	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.80	1.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.14	0.06	-0.20	0.00	N/A	ppb
Boron	11-1	0.16	-0.11	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.10	0.08	-0.18	0.00	N/A	ppb
Cadmium	108-1	0.01	0.04	-0.05	0.00	N/A	ppb
Calcium	43-1	4.00	0.51	-4.51	0.00	N/A	ppb
Calcium	44-1	-0.99	0.31	0.68	0.00	N/A	ppb
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.04	0.03	0.00	N/A	ppb
Iron	57-2	1.25	-0.31	-0.94	0.00	N/A	ppb
Krypton	83-1	-307.37	-277.65	585.02	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.31	0.44	-0.12	0.00	N/A	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:04:36	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.03	0.13	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	4.52	-4.72	0.20	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.01	0.61	0.00	N/A	ppb
Selenium	82-1	0.15	0.06	-0.20	0.00	N/A	ppb
Silicon	28-1	0.34	0.31	-0.65	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-2.08	1.56	0.53	0.00	N/A	ppb
Strontium	86-1	0.00	-0.03	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	28.65	-74.95	-157.52	-67.94		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	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	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	-0.13	0.07	0.00	N/A	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:04:36	DataFile Name :	003CALB.d

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

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:12:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.79	23.53	18.16	20.83	12.88	ppb
Antimony	121-1	2.05	1.98	1.96	2.00	2.54	ppb
Arsenic	75-2	1.21	0.96	1.02	1.07	12.07	ppb
Barium	135-1	10.37	9.93	10.25	10.18	2.25	ppb
Barium	137-1	10.59	10.08	10.03	10.23	3.04	ppb
Beryllium	9-1	0.98	0.96	1.03	0.99	4.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	24.66	23.75	25.26	24.56	3.09	ppb
Boron	11-1	24.62	23.83	24.59	24.35	1.85	ppb
Cadmium	111-1	1.14	1.06	1.07	1.09	4.01	ppb
Cadmium	106-1	1.47	1.97	1.87	1.77	15.09	ppb
Cadmium	108-1	1.04	0.71	1.04	0.93	20.69	ppb
Calcium	43-1	483.27	451.30	479.03	471.20	3.69	ppb
Calcium	44-1	507.19	463.59	477.54	482.77	4.61	ppb
Chromium	52-2	2.10	2.25	2.14	2.16	3.73	ppb
Cobalt	59-2	1.03	1.04	0.96	1.01	4.34	ppb
Copper	63-2	1.97	2.00	1.88	1.95	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				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	52.78	51.06	50.82	51.55	2.08	ppb
Iron	57-2	47.25	51.82	41.22	46.76	11.37	ppb
Krypton	83-1	1366.41	-764.06	1429.47	677.27	184.36	ppb
Lead	206-1	1.05	0.94	1.06	1.02	6.53	ppb
Lead	207-1	1.06	1.00	1.00	1.02	3.28	ppb
Lead	208-1	1.04	0.97	1.01	1.01	3.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	497.51	497.26	469.89	488.22	3.25	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:12:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.01	0.97	1.03	6.20	ppb
Molybdenum	94-1	5.04	4.98	5.06	5.03	0.88	ppb
Molybdenum	95-1	5.13	4.90	4.94	4.99	2.48	ppb
Molybdenum	96-1	5.07	4.95	4.90	4.98	1.81	ppb
Molybdenum	97-1	5.13	4.66	4.93	4.91	4.82	ppb
Molybdenum	98-1	5.12	4.89	4.88	4.97	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.98	0.98	0.99	1.75	ppb
Phosphorus	31-2	12.49	-2.50	-2.50	2.50	346.41	ppb
Potassium	39-2	520.11	488.53	484.94	497.86	3.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	3.87	7.83	3.79	5.16	44.63	ppb
Selenium	78-2	5.63	5.05	1.83	4.17	49.13	ppb
Selenium	82-1	4.58	5.74	4.48	4.93	14.25	ppb
Silicon	28-1	17.99	13.56	14.79	15.45	14.79	ppb
Silver	109-1	1.09	1.07	1.11	1.09	1.86	ppb
Silver	107-1	1.14	1.04	1.11	1.10	4.91	ppb
Sodium	23-2	511.24	487.47	476.10	491.60	3.65	ppb
Strontium	86-1	1.06	1.02	1.04	1.04	1.88	ppb
Strontium	88-1	1.05	1.00	1.01	1.02	2.79	ppb
Sulfur	34-1	452.48	-347.06	98.41	67.94	589.69	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.00	0.93	0.97	0.97	3.89	ppb
Thallium	205-1	0.99	0.95	1.00	0.98	2.35	ppb
Tin	118-1	5.34	5.06	5.11	5.17	2.91	ppb
Titanium	47-1	5.38	5.13	5.13	5.22	2.77	ppb
Uranium	238-1	1.00	0.94	0.96	0.96	3.30	ppb
Vanadium	51-2	4.64	5.00	4.53	4.73	5.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	2.27	2.74	1.92	2.31	17.68	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:12:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.90	0.91	0.92	2.10	ppb
Zirconium	91-1	0.95	0.90	0.91	0.92	3.13	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:15:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	922.60	1003.18	969.23	965.00	4.19	ppb
Antimony	121-1	51.56	51.96	51.90	51.81	0.42	ppb
Arsenic	75-2	49.15	51.63	51.55	50.78	2.78	ppb
Barium	135-1	264.18	260.18	259.18	261.18	1.01	ppb
Barium	137-1	260.72	260.91	258.20	259.94	0.58	ppb
Beryllium	9-1	51.80	53.27	51.85	52.31	1.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	46.22	54.86	51.88	50.99	8.60	ppb
Boron	11-1	48.41	52.45	52.29	51.05	4.48	ppb
Cadmium	111-1	52.93	52.90	52.70	52.84	0.23	ppb
Cadmium	106-1	54.77	53.99	56.04	54.93	1.88	ppb
Cadmium	108-1	55.15	57.45	54.50	55.70	2.78	ppb
Calcium	43-1	4994.66	5074.90	5031.74	5033.77	0.80	ppb
Calcium	44-1	5121.80	5182.64	5009.39	5104.61	1.72	ppb
Chromium	52-2	48.52	51.14	48.51	49.39	3.07	ppb
Cobalt	59-2	47.70	49.85	48.32	48.62	2.28	ppb
Copper	63-2	94.93	100.27	96.96	97.39	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2531.42	2660.11	2578.02	2589.85	2.52	ppb
Iron	57-2	2442.33	2550.42	2506.04	2499.60	2.17	ppb
Krypton	83-1	2904.24	2919.59	744.81	2189.55	57.14	ppb
Lead	206-1	50.22	50.43	49.74	50.13	0.70	ppb
Lead	207-1	48.71	49.88	48.52	49.03	1.51	ppb
Lead	208-1	49.53	50.29	49.35	49.72	1.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	4971.46	5177.08	5012.06	5053.53	2.15	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:15:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.68	103.12	100.47	100.76	2.22	ppb
Molybdenum	94-1	253.67	255.96	251.86	253.83	0.81	ppb
Molybdenum	95-1	252.72	254.28	250.61	252.54	0.73	ppb
Molybdenum	96-1	251.23	253.10	249.93	251.42	0.63	ppb
Molybdenum	97-1	248.89	252.82	246.89	249.53	1.21	ppb
Molybdenum	98-1	254.51	253.41	247.29	251.74	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.63	52.04	48.88	49.85	3.81	ppb
Phosphorus	31-2	1028.19	1197.08	930.96	1052.08	12.80	ppb
Potassium	39-2	2507.68	2692.92	2561.45	2587.35	3.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	46.01	51.64	61.01	52.89	14.32	ppb
Selenium	78-2	58.11	55.10	59.62	57.61	4.00	ppb
Selenium	82-1	51.01	51.48	51.77	51.42	0.75	ppb
Silicon	28-1	59.24	60.73	57.24	59.07	2.97	ppb
Silver	109-1	55.16	54.16	53.34	54.22	1.69	ppb
Silver	107-1	54.79	54.13	53.66	54.19	1.05	ppb
Sodium	23-2	4891.54	5211.43	4958.68	5020.55	3.36	ppb
Strontium	86-1	50.83	51.74	49.88	50.82	1.84	ppb
Strontium	88-1	51.27	51.99	50.93	51.39	1.05	ppb
Sulfur	34-1	1204.02	1363.31	934.43	1167.25	18.57	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	49.28	50.63	49.56	49.82	1.42	ppb
Thallium	205-1	49.64	50.76	49.54	49.98	1.35	ppb
Tin	118-1	52.45	52.05	52.29	52.26	0.39	ppb
Titanium	47-1	254.01	259.10	249.25	254.12	1.94	ppb
Uranium	238-1	47.05	47.59	46.99	47.21	0.70	ppb
Vanadium	51-2	48.62	50.16	48.95	49.24	1.65	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	95.22	100.15	95.29	96.89	2.92	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:15:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.23	50.88	50.46	50.19	1.71	ppb
Zirconium	91-1	48.96	50.67	49.44	49.69	1.78	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:19:39	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2462.05	2384.96	2463.55	2436.85	1.84	ppb
Antimony	121-1	131.12	131.56	130.03	130.90	0.60	ppb
Arsenic	75-2	126.84	124.24	123.84	124.97	1.30	ppb
Barium	135-1	656.24	650.55	647.00	651.26	0.72	ppb
Barium	137-1	658.47	658.16	658.50	658.37	0.03	ppb
Beryllium	9-1	131.17	128.35	128.96	129.50	1.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	126.40	122.71	128.81	125.98	2.44	ppb
Boron	11-1	122.56	127.45	127.67	125.89	2.29	ppb
Cadmium	111-1	131.25	129.97	129.57	130.26	0.67	ppb
Cadmium	106-1	136.40	135.92	134.18	135.50	0.86	ppb
Cadmium	108-1	133.23	129.64	134.64	132.50	1.95	ppb
Calcium	43-1	12611.47	12637.25	12382.69	12543.80	1.12	ppb
Calcium	44-1	12516.62	12702.78	12383.51	12534.30	1.28	ppb
Chromium	52-2	123.52	120.33	119.45	121.10	1.77	ppb
Cobalt	59-2	120.80	118.91	117.95	119.22	1.22	ppb
Copper	63-2	246.60	240.82	237.67	241.70	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6352.09	6264.66	6149.95	6255.57	1.62	ppb
Iron	57-2	6321.28	6166.59	6107.98	6198.62	1.78	ppb
Krypton	83-1	104.09	594.95	719.81	472.95	68.82	ppb
Lead	206-1	122.77	124.70	125.36	124.27	1.08	ppb
Lead	207-1	121.31	123.81	123.90	123.01	1.20	ppb
Lead	208-1	122.61	124.21	124.74	123.85	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	12632.14	12384.37	12293.18	12436.56	1.41	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:19:39	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.00	243.78	240.58	245.12	2.18	ppb
Molybdenum	94-1	637.07	630.04	641.67	636.26	0.92	ppb
Molybdenum	95-1	628.95	636.41	649.27	638.21	1.61	ppb
Molybdenum	96-1	624.99	635.67	629.89	630.18	0.85	ppb
Molybdenum	97-1	631.38	633.07	630.80	631.75	0.19	ppb
Molybdenum	98-1	630.49	629.78	628.72	629.66	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.66	123.06	120.84	122.86	1.56	ppb
Phosphorus	31-2	2550.32	2676.44	2521.18	2582.65	3.20	ppb
Potassium	39-2	6427.69	6228.05	6059.98	6238.58	2.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	152.26	144.31	125.14	140.57	9.92	ppb
Selenium	78-2	136.58	134.56	134.92	135.36	0.80	ppb
Selenium	82-1	129.47	129.97	131.00	130.14	0.60	ppb
Silicon	28-1	144.11	145.50	143.65	144.42	0.67	ppb
Silver	109-1	133.21	132.84	132.87	132.97	0.16	ppb
Silver	107-1	134.66	132.05	133.51	133.41	0.98	ppb
Sodium	23-2	12687.00	12377.16	12292.45	12452.21	1.67	ppb
Strontium	86-1	126.08	125.07	126.90	126.02	0.73	ppb
Strontium	88-1	129.40	128.54	129.76	129.24	0.48	ppb
Sulfur	34-1	2733.41	2772.54	2822.25	2776.07	1.60	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	122.41	123.97	124.93	123.77	1.03	ppb
Thallium	205-1	124.18	126.49	127.55	126.07	1.37	ppb
Tin	118-1	131.50	130.06	129.07	130.21	0.94	ppb
Titanium	47-1	630.94	635.71	627.83	631.49	0.63	ppb
Uranium	238-1	118.33	121.15	120.55	120.01	1.24	ppb
Vanadium	51-2	124.63	120.22	121.10	121.98	1.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	247.37	239.66	241.92	242.98	1.63	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:19:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	128.42	126.95	127.65	127.67	0.58	ppb
Zirconium	91-1	122.85	122.76	124.17	123.26	0.64	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:23:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4832.13	4846.80	5005.35	4894.76	1.96	ppb
Antimony	121-1	262.44	262.13	264.80	263.12	0.56	ppb
Arsenic	75-2	253.48	254.09	249.35	252.31	1.02	ppb
Barium	135-1	1299.24	1296.75	1314.47	1303.49	0.74	ppb
Barium	137-1	1295.67	1275.47	1309.66	1293.60	1.33	ppb
Beryllium	9-1	259.04	255.83	256.19	257.02	0.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	242.90	254.61	255.03	250.85	2.74	ppb
Boron	11-1	246.41	250.08	260.56	252.35	2.91	ppb
Cadmium	111-1	260.55	256.32	259.95	258.94	0.88	ppb
Cadmium	106-1	265.66	256.93	268.63	263.74	2.30	ppb
Cadmium	108-1	263.87	258.58	268.65	263.70	1.91	ppb
Calcium	43-1	24967.46	24801.25	25136.83	24968.51	0.67	ppb
Calcium	44-1	25002.43	24665.25	24803.31	24823.66	0.68	ppb
Chromium	52-2	244.42	246.84	250.99	247.41	1.34	ppb
Cobalt	59-2	242.29	243.73	248.74	244.92	1.38	ppb
Copper	63-2	486.89	489.72	502.40	493.00	1.68	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				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	12669.10	12521.41	12853.32	12681.28	1.31	ppb
Iron	57-2	12525.57	12495.12	12757.24	12592.65	1.14	ppb
Krypton	83-1	2720.31	1134.10	783.06	1545.82	66.77	ppb
Lead	206-1	251.47	248.54	251.70	250.57	0.70	ppb
Lead	207-1	248.46	246.76	248.90	248.04	0.46	ppb
Lead	208-1	254.85	251.79	253.93	253.52	0.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	24786.02	24758.53	25423.88	24989.48	1.51	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:23:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	493.59	489.99	507.56	497.05	1.87	ppb
Molybdenum	94-1	1276.76	1259.12	1289.38	1275.09	1.19	ppb
Molybdenum	95-1	1266.33	1264.41	1280.09	1270.27	0.67	ppb
Molybdenum	96-1	1260.96	1269.97	1288.90	1273.27	1.12	ppb
Molybdenum	97-1	1266.83	1250.91	1294.03	1270.59	1.72	ppb
Molybdenum	98-1	1248.98	1243.84	1280.26	1257.69	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	246.23	247.30	249.88	247.80	0.76	ppb
Phosphorus	31-2	4945.78	4852.37	4876.68	4891.61	0.99	ppb
Potassium	39-2	12370.02	12207.66	12666.96	12414.88	1.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	178.87	296.37	311.90	262.38	27.72	ppb
Selenium	78-2	271.36	254.86	246.82	257.68	4.86	ppb
Selenium	82-1	256.72	256.82	263.49	259.01	1.50	ppb
Silicon	28-1	283.63	283.08	285.21	283.97	0.39	ppb
Silver	109-1	273.46	268.17	270.71	270.78	0.98	ppb
Silver	107-1	273.37	266.35	278.30	272.67	2.20	ppb
Sodium	23-2	25339.10	25267.59	25818.95	25475.22	1.18	ppb
Strontium	86-1	253.24	252.18	255.05	253.49	0.57	ppb
Strontium	88-1	254.93	255.59	257.76	256.09	0.58	ppb
Sulfur	34-1	5418.10	5082.35	5379.10	5293.18	3.47	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	261.68	252.81	256.79	257.10	1.73	ppb
Thallium	205-1	256.15	255.51	257.94	256.53	0.49	ppb
Tin	118-1	258.87	258.18	262.68	259.91	0.93	ppb
Titanium	47-1	1279.70	1257.43	1272.98	1270.04	0.90	ppb
Uranium	238-1	247.32	242.12	245.94	245.13	1.10	ppb
Vanadium	51-2	243.47	244.06	252.00	246.51	1.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	494.58	493.27	504.91	497.59	1.28	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:23:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	255.08	253.72	256.39	255.06	0.52	ppb
Zirconium	91-1	246.09	245.93	250.72	247.58	1.10	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:26:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9486.92	9307.05	9862.18	9552.05	2.97	ppb
Antimony	121-1	505.85	509.84	540.14	518.61	3.62	ppb
Arsenic	75-2	498.21	493.08	503.34	498.21	1.03	ppb
Barium	135-1	2507.27	2522.33	2714.34	2581.31	4.47	ppb
Barium	137-1	2532.37	2508.27	2708.22	2582.95	4.23	ppb
Beryllium	9-1	491.47	494.91	532.84	506.40	4.53	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	479.92	501.45	522.04	501.13	4.20	ppb
Boron	11-1	477.18	496.02	540.78	504.66	6.47	ppb
Cadmium	111-1	494.38	501.04	533.83	509.75	4.14	ppb
Cadmium	106-1	497.04	505.03	548.55	516.87	5.36	ppb
Cadmium	108-1	510.74	509.49	545.33	521.85	3.90	ppb
Calcium	43-1	48723.28	49317.94	52202.94	50081.39	3.72	ppb
Calcium	44-1	49002.82	49400.07	52346.64	50249.84	3.64	ppb
Chromium	52-2	492.13	476.61	503.78	490.84	2.78	ppb
Cobalt	59-2	485.53	470.93	499.75	485.40	2.97	ppb
Copper	63-2	980.61	961.62	1005.63	982.62	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	25217.39	24528.71	26066.83	25270.97	3.05	ppb
Iron	57-2	25281.13	24395.33	25904.37	25193.61	3.01	ppb
Krypton	83-1	-274.38	2483.76	2292.40	1500.59	102.64	ppb
Lead	206-1	502.01	503.83	526.09	510.64	2.63	ppb
Lead	207-1	499.60	504.06	534.52	512.73	3.71	ppb
Lead	208-1	498.09	504.40	530.92	511.14	3.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	51425.75	49187.49	52595.78	51069.67	3.39	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:26:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	977.26	953.91	1012.43	981.20	3.00	ppb
Molybdenum	94-1	2494.80	2467.52	2684.78	2549.03	4.64	ppb
Molybdenum	95-1	2472.48	2475.56	2665.60	2537.88	4.36	ppb
Molybdenum	96-1	2470.48	2490.82	2647.78	2536.36	3.83	ppb
Molybdenum	97-1	2486.07	2481.19	2674.40	2547.22	4.33	ppb
Molybdenum	98-1	2464.10	2478.01	2681.57	2541.23	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.30	482.42	510.22	496.64	2.80	ppb
Phosphorus	31-2	9224.77	9491.42	10719.72	9811.97	8.13	ppb
Potassium	39-2	24360.99	23435.19	24857.26	24217.81	2.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				85		%
Selenium	77-2	490.38	470.09	499.89	486.79	3.13	ppb
Selenium	78-2	524.35	492.68	497.76	504.93	3.37	ppb
Selenium	82-1	504.60	503.12	536.10	514.61	3.62	ppb
Silicon	28-1	532.85	545.12	577.00	551.65	4.13	ppb
Silver	109-1	507.68	510.17	551.50	523.12	4.71	ppb
Silver	107-1	513.15	510.54	546.90	523.53	3.87	ppb
Sodium	23-2	50628.06	48783.70	51118.31	50176.69	2.45	ppb
Strontium	86-1	494.93	497.05	530.86	507.61	3.97	ppb
Strontium	88-1	495.99	500.30	533.16	509.82	3.99	ppb
Sulfur	34-1	9715.96	9937.05	10959.67	10204.23	6.50	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	499.08	505.78	529.09	511.32	3.08	ppb
Thallium	205-1	492.35	509.89	520.09	507.44	2.77	ppb
Tin	118-1	506.92	512.55	542.82	520.76	3.71	ppb
Titanium	47-1	2506.75	2555.55	2668.93	2577.07	3.23	ppb
Uranium	238-1	482.86	495.55	520.72	499.71	3.86	ppb
Vanadium	51-2	487.20	476.01	500.42	487.88	2.50	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	986.21	970.42	1019.66	992.10	2.53	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:26:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.21	498.85	534.70	512.92	3.73	ppb
Zirconium	91-1	489.43	487.64	525.06	500.71	4.21	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:30:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19240.98	19327.51	20434.31	19667.60	3.38	ppb
Antimony	121-1	984.78	977.36	997.62	986.59	1.04	ppb
Arsenic	75-2	980.38	994.70	1025.77	1000.28	2.32	ppb
Barium	135-1	4955.53	4905.92	4964.94	4942.13	0.64	ppb
Barium	137-1	4929.66	4902.51	4996.70	4942.96	0.98	ppb
Beryllium	9-1	995.40	983.98	1003.72	994.36	1.00	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	992.81	989.88	1014.49	999.06	1.35	ppb
Boron	11-1	986.29	993.73	1010.78	996.93	1.26	ppb
Cadmium	111-1	986.87	988.52	1000.89	992.09	0.77	ppb
Cadmium	106-1	999.41	975.74	984.55	986.57	1.21	ppb
Cadmium	108-1	981.06	978.64	993.57	984.42	0.81	ppb
Calcium	43-1	99937.98	98785.75	101258.73	99994.16	1.24	ppb
Calcium	44-1	98945.29	97434.35	99680.14	98686.59	1.16	ppb
Chromium	52-2	991.09	981.34	1044.80	1005.74	3.40	ppb
Cobalt	59-2	995.84	990.77	1041.48	1009.36	2.77	ppb
Copper	63-2	1976.38	1977.12	2081.32	2011.61	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	56-2	51063.60	50810.60	53810.38	51894.86	3.21	ppb
Iron	57-2	50590.43	50420.43	53755.78	51588.88	3.64	ppb
Krypton	83-1	-205.16	419.44	-140.48	24.60	1396.12	ppb
Lead	206-1	993.91	981.50	1008.45	994.62	1.36	ppb
Lead	207-1	997.57	977.62	1008.07	994.42	1.56	ppb
Lead	208-1	995.74	985.73	999.66	993.71	0.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	102045.47	100995.59	107087.26	103376.11	3.15	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:30:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1966.74	1978.95	2086.44	2010.71	3.28	ppb
Molybdenum	94-1	4953.23	4957.64	4991.96	4967.61	0.43	ppb
Molybdenum	95-1	4959.01	4937.43	5026.20	4974.21	0.93	ppb
Molybdenum	96-1	4976.28	4942.30	5007.27	4975.28	0.65	ppb
Molybdenum	97-1	4940.12	4948.86	5022.30	4970.42	0.91	ppb
Molybdenum	98-1	4964.64	4961.60	5004.14	4976.79	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.66	978.58	1044.27	1002.50	3.62	ppb
Phosphorus	31-2	20101.35	19430.31	20792.87	20108.18	3.39	ppb
Potassium	39-2	48429.99	47960.76	50910.70	49100.48	3.23	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				81		%
Selenium	77-2	977.95	981.88	1044.43	1001.42	3.72	ppb
Selenium	78-2	1009.71	970.57	1001.56	993.95	2.08	ppb
Selenium	82-1	991.82	985.30	992.06	989.73	0.39	ppb
Silicon	28-1	966.37	941.59	980.27	962.74	2.03	ppb
Silver	109-1	983.20	977.29	985.63	982.04	0.44	ppb
Silver	107-1	985.88	973.74	984.31	981.31	0.67	ppb
Sodium	23-2	99955.80	98826.88	105022.13	101268.27	3.26	ppb
Strontium	86-1	998.70	986.45	1000.31	995.15	0.76	ppb
Strontium	88-1	997.59	985.59	995.72	992.97	0.65	ppb
Sulfur	34-1	20050.65	19211.28	20083.22	19781.72	2.50	ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	992.29	984.53	1001.38	992.73	0.85	ppb
Thallium	205-1	995.74	983.04	1004.76	994.51	1.10	ppb
Tin	118-1	984.55	976.29	998.28	986.38	1.13	ppb
Titanium	47-1	4971.14	4880.97	5014.20	4955.44	1.37	ppb
Uranium	238-1	1006.86	987.95	1011.58	1002.13	1.25	ppb
Vanadium	51-2	991.29	981.69	1049.08	1007.35	3.62	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	1980.64	1962.05	2074.07	2005.59	2.99	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:30:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	992.64	986.41	996.74	991.93	0.52	ppb
Zirconium	91-1	995.25	1003.53	1002.68	1000.48	0.46	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99129.61	97744.12	103481.66	100118.47	2.99	ppb
Antimony	121-1	2.89	2.81	2.68	2.79	3.70	ppb
Arsenic	75-2	1.63	1.70	1.71	1.68	2.50	ppb
Barium	135-1	1.29	1.09	1.23	1.20	8.86	ppb
Barium	137-1	1.30	1.20	1.32	1.27	5.03	ppb
Beryllium	9-1	0.65	0.57	0.56	0.59	8.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	42.63	41.80	36.23	40.22	8.66	ppb
Boron	11-1	45.06	41.05	38.07	41.39	8.48	ppb
Cadmium	111-1	0.11	0.14	0.20	0.15	31.71	ppb
Cadmium	106-1	-0.93	-0.56	0.65	-0.28		ppb
Cadmium	108-1	0.24	0.15	0.30	0.23	32.18	ppb
Calcium	43-1	498110.66	500193.41	501675.53	499993.20	0.36	ppb
Calcium	44-1	500955.06	500806.53	498972.29	500244.63	0.22	ppb
Chromium	52-2	53.07	52.27	54.98	53.44	2.60	ppb
Cobalt	59-2	12.46	11.90	12.87	12.41	3.92	ppb
Copper	63-2	4.32	4.46	4.74	4.51	4.75	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				109		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	247400.61	243780.64	257570.24	249583.83	2.86	ppb
Iron	57-2	246211.93	245523.57	257243.06	249659.52	2.63	ppb
Krypton	83-1	1616.89	1289.91	342.20	1083.00	61.13	ppb
Lead	206-1	1.06	1.11	1.07	1.08	2.27	ppb
Lead	207-1	0.97	1.02	1.01	1.00	2.75	ppb
Lead	208-1	1.03	1.04	1.01	1.03	1.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	496672.32	484407.63	516578.26	499219.40	3.25	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.03	15.02	15.02	15.35	3.79	ppb
Molybdenum	94-1	7.27	7.28	6.90	7.15	3.01	ppb
Molybdenum	95-1	9.53	9.54	9.22	9.43	1.92	ppb
Molybdenum	96-1	9.67	9.44	9.46	9.52	1.32	ppb
Molybdenum	97-1	9.42	9.65	9.13	9.40	2.76	ppb
Molybdenum	98-1	9.49	9.56	9.25	9.43	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.06	41.48	44.46	42.33	4.38	ppb
Phosphorus	31-2	14.26	-2.50	-2.50	3.09	313.39	ppb
Potassium	39-2	247640.73	245203.15	257941.51	250261.79	2.70	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	4.22	4.11	0.00	2.77	86.62	ppb
Selenium	78-2	0.06	-0.62	1.47	0.30	353.11	ppb
Selenium	82-1	0.91	0.98	0.87	0.92	6.45	ppb
Silicon	28-1	28.68	29.24	28.53	28.82	1.32	ppb
Silver	109-1	0.14	0.11	0.11	0.12	14.38	ppb
Silver	107-1	0.13	0.11	0.10	0.12	11.86	ppb
Sodium	23-2	495740.63	486567.21	516809.90	499705.91	3.10	ppb
Strontium	86-1	4.85	4.80	4.80	4.81	0.60	ppb
Strontium	88-1	4.82	4.78	4.77	4.79	0.56	ppb
Sulfur	34-1	-274.43	-344.74	-406.37	-341.85		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.61	0.55	0.49	0.55	10.63	ppb
Thallium	205-1	0.55	0.53	0.48	0.52	6.73	ppb
Tin	118-1	2.27	2.32	2.35	2.31	1.84	ppb
Titanium	47-1	1.39	1.46	1.68	1.51	9.74	ppb
Uranium	238-1	0.20	0.21	0.18	0.20	7.70	ppb
Vanadium	51-2	0.60	0.49	0.59	0.56	10.49	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	13.97	13.48	14.90	14.12	5.13	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:33:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.36	0.38	0.38	4.55	ppb
Zirconium	91-1	0.43	0.37	0.45	0.42	9.59	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:42:13	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	461.26	471.64	469.48	467.46	1.17	ppb
Antimony	121-1	195.01	198.26	204.51	199.26	2.42	ppb
Arsenic	75-2	192.36	195.53	203.97	197.29	3.04	ppb
Barium	135-1	97.14	99.34	101.18	99.22	2.04	ppb
Barium	137-1	97.44	98.65	100.72	98.94	1.68	ppb
Beryllium	9-1	95.28	97.03	96.19	96.17	0.91	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	579.50	584.18	576.14	579.94	0.70	ppb
Boron	11-1	570.11	579.73	581.41	577.08	1.06	ppb
Cadmium	111-1	101.07	103.34	106.42	103.61	2.59	ppb
Cadmium	106-1	161.21	168.82	169.63	166.55	2.79	ppb
Cadmium	108-1	132.90	134.26	138.75	135.30	2.26	ppb
Calcium	43-1	2025.50	2031.03	2136.27	2064.27	3.02	ppb
Calcium	44-1	2006.51	2038.35	2041.56	2028.81	0.96	ppb
Chromium	52-2	93.61	93.43	97.86	94.97	2.64	ppb
Cobalt	59-2	94.70	94.03	99.71	96.15	3.23	ppb
Copper	63-2	95.79	95.26	99.71	96.92	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	977.43	982.42	1023.33	994.39	2.53	ppb
Iron	57-2	962.72	976.01	1026.55	988.43	3.41	ppb
Krypton	83-1	2008.99	2995.94	1785.75	2263.56	28.45	ppb
Lead	206-1	194.41	199.62	199.99	198.01	1.58	ppb
Lead	207-1	186.58	188.66	191.84	189.03	1.40	ppb
Lead	208-1	193.63	197.01	199.09	196.58	1.40	ppb
Lithium	6-1				104		%
Magnesium	24-2	1184.14	1183.36	1217.64	1195.05	1.64	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:42:13	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.45	93.04	95.56	93.35	2.22	ppb
Molybdenum	94-1	1068.71	1079.64	1106.30	1084.89	1.78	ppb
Molybdenum	95-1	493.52	493.67	500.24	495.81	0.77	ppb
Molybdenum	96-1	563.93	565.74	572.50	567.39	0.80	ppb
Molybdenum	97-1	476.07	483.42	490.01	483.17	1.44	ppb
Molybdenum	98-1	485.68	492.94	498.15	492.26	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.49	95.87	101.48	98.28	2.94	ppb
Phosphorus	31-2	12.80	12.90	-2.50	7.73	114.59	ppb
Potassium	39-2	1904.69	1892.13	1984.99	1927.27	2.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	178.79	153.07	176.81	169.56	8.44	ppb
Selenium	78-2	187.69	197.44	212.48	199.21	6.27	ppb
Selenium	82-1	197.23	195.73	202.61	198.52	1.82	ppb
Silicon	28-1	472.13	486.44	482.06	480.21	1.53	ppb
Silver	109-1	88.20	89.41	91.75	89.79	2.01	ppb
Silver	107-1	89.60	90.25	92.46	90.77	1.65	ppb
Sodium	23-2	1969.78	1958.60	2044.24	1990.87	2.34	ppb
Strontium	86-1	484.18	486.37	496.30	488.95	1.32	ppb
Strontium	88-1	486.01	491.68	497.09	491.60	1.13	ppb
Sulfur	34-1	-424.64	-390.31	-400.20	-405.05		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	194.21	198.49	200.60	197.77	1.65	ppb
Thallium	205-1	197.37	202.06	203.44	200.96	1.58	ppb
Tin	118-1	496.77	500.23	521.31	506.10	2.62	ppb
Titanium	47-1	489.83	488.27	495.93	491.34	0.82	ppb
Uranium	238-1	473.54	472.22	484.42	476.73	1.40	ppb
Vanadium	51-2	93.31	94.08	98.77	95.39	3.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	188.49	191.90	198.82	193.07	2.73	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:42:13	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	480.13	484.52	493.05	485.90	1.35	ppb
Zirconium	91-1	468.63	470.18	480.89	473.23	1.41	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:49:48	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.76	22.26	17.20	19.41	13.37	ppb
Antimony	121-1	2.35	2.22	2.26	2.28	2.86	ppb
Arsenic	75-2	1.08	0.81	1.09	0.99	15.89	ppb
Barium	135-1	10.13	10.15	10.21	10.16	0.40	ppb
Barium	137-1	10.73	9.94	10.20	10.29	3.91	ppb
Beryllium	9-1	1.10	1.16	1.08	1.11	3.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	30.17	29.99	33.42	31.20	6.19	ppb
Boron	11-1	31.25	30.75	30.68	30.89	1.01	ppb
Cadmium	111-1	0.97	1.02	1.04	1.01	3.42	ppb
Cadmium	106-1	0.66	0.88	0.28	0.61	49.99	ppb
Cadmium	108-1	1.33	0.58	0.96	0.96	39.55	ppb
Calcium	43-1	495.61	469.67	472.36	479.21	2.98	ppb
Calcium	44-1	491.94	480.40	484.21	485.52	1.21	ppb
Chromium	52-2	2.09	2.15	2.14	2.13	1.48	ppb
Cobalt	59-2	0.95	1.01	0.98	0.98	2.95	ppb
Copper	63-2	1.98	2.02	2.16	2.05	4.47	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				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	50.85	52.64	54.54	52.68	3.50	ppb
Iron	57-2	56.36	57.69	50.43	54.83	7.05	ppb
Krypton	83-1	1042.85	1336.10	1095.06	1158.00	13.51	ppb
Lead	206-1	1.17	1.10	1.01	1.10	7.34	ppb
Lead	207-1	1.05	1.01	1.04	1.03	2.18	ppb
Lead	208-1	1.10	1.07	1.01	1.06	4.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	482.08	528.48	510.16	506.91	4.61	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:49:48	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	0.88	1.10	1.03	12.25	ppb
Molybdenum	94-1	5.54	5.51	5.27	5.44	2.64	ppb
Molybdenum	95-1	5.40	5.26	4.87	5.18	5.25	ppb
Molybdenum	96-1	5.40	4.80	5.12	5.11	5.89	ppb
Molybdenum	97-1	5.41	5.17	4.95	5.18	4.43	ppb
Molybdenum	98-1	5.35	5.16	5.28	5.27	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.10	1.16	1.11	3.90	ppb
Phosphorus	31-2	-2.50	13.05	29.22	13.26	119.64	ppb
Potassium	39-2	489.97	520.71	493.65	501.45	3.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	8.01	0.00	7.96	5.32	86.60	ppb
Selenium	78-2	5.18	6.56	3.87	5.20	25.89	ppb
Selenium	82-1	4.85	5.52	4.54	4.97	10.05	ppb
Silicon	28-1	11.46	10.44	8.74	10.21	13.45	ppb
Silver	109-1	1.21	1.07	1.10	1.13	6.51	ppb
Silver	107-1	1.16	1.15	1.04	1.12	6.12	ppb
Sodium	23-2	503.24	521.97	541.07	522.10	3.62	ppb
Strontium	86-1	1.06	0.90	1.11	1.02	10.57	ppb
Strontium	88-1	1.08	1.03	1.03	1.05	2.65	ppb
Sulfur	34-1	-352.74	-591.11	-583.90	-509.25		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	1.12	1.08	1.02	1.07	4.74	ppb
Thallium	205-1	1.10	1.07	1.01	1.06	4.59	ppb
Tin	118-1	5.48	5.19	5.20	5.29	3.11	ppb
Titanium	47-1	4.62	4.58	5.15	4.78	6.71	ppb
Uranium	238-1	0.99	0.98	0.95	0.97	2.15	ppb
Vanadium	51-2	4.80	4.65	4.89	4.78	2.59	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2.39	2.25	2.91	2.51	13.89	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:49:48	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.17	1.20	1.10	1.16	4.38	ppb
Zirconium	91-1	1.11	1.10	1.06	1.09	2.33	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:55:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.80	-0.40	0.20	303.44	ppb
Antimony	121-1	0.07	0.11	0.10	0.10	19.49	ppb
Arsenic	75-2	0.00	0.01	0.04	0.02	148.25	ppb
Barium	135-1	0.01	0.02	0.05	0.02	79.66	ppb
Barium	137-1	0.02	0.03	0.05	0.03	42.87	ppb
Beryllium	9-1	0.12	0.15	0.07	0.11	34.98	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	6.07	5.73	6.23	6.01	4.27	ppb
Boron	11-1	6.42	5.78	5.95	6.05	5.46	ppb
Cadmium	111-1	-0.06	-0.03	0.01	-0.03		ppb
Cadmium	106-1	-0.93	-0.56	-0.08	-0.53		ppb
Cadmium	108-1	0.01	0.13	0.01	0.05	145.68	ppb
Calcium	43-1	-1.74	-3.30	4.10	-0.31		ppb
Calcium	44-1	-5.86	-2.86	-2.60	-3.77		ppb
Chromium	52-2	0.01	0.08	0.06	0.05	64.61	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	43.56	ppb
Copper	63-2	0.04	-0.01	0.01	0.01	179.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	1.67	1.82	1.39	1.63	13.59	ppb
Iron	57-2	-0.55	1.12	-0.15	0.14	611.16	ppb
Krypton	83-1	83.26	1126.45	2058.96	1089.56	90.71	ppb
Lead	206-1	0.04	0.04	0.05	0.04	6.39	ppb
Lead	207-1	0.03	0.04	0.05	0.04	18.04	ppb
Lead	208-1	0.05	0.04	0.05	0.05	9.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.86	4.16	6.59	5.54	22.54	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:55:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.03	-0.05	-0.03		ppb
Molybdenum	94-1	0.12	0.11	0.13	0.12	7.52	ppb
Molybdenum	95-1	0.07	0.08	0.09	0.08	12.00	ppb
Molybdenum	96-1	0.09	0.07	0.14	0.10	34.39	ppb
Molybdenum	97-1	0.04	0.13	0.10	0.09	51.94	ppb
Molybdenum	98-1	0.09	0.08	0.10	0.09	12.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	4144.34	ppb
Phosphorus	31-2	12.75	-2.50	-2.50	2.58	340.68	ppb
Potassium	39-2	3.43	3.49	-7.47	-0.18		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	0.00	3.95	0.00	1.32	173.21	ppb
Selenium	78-2	0.02	-0.62	-0.62	-0.41		ppb
Selenium	82-1	0.21	-0.06	-0.38	-0.08		ppb
Silicon	28-1	-5.13	-6.28	-4.57	-5.33		ppb
Silver	109-1	0.00	0.01	0.01	0.01	111.88	ppb
Silver	107-1	0.01	0.00	0.01	0.01	22.97	ppb
Sodium	23-2	12.92	10.08	20.86	14.62	38.25	ppb
Strontium	86-1	0.03	0.01	0.00	0.01	115.21	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	52.67	ppb
Sulfur	34-1	-224.27	-411.54	38.04	-199.25		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.06	0.05	13.26	ppb
Thallium	205-1	0.04	0.04	0.05	0.05	12.90	ppb
Tin	118-1	0.03	0.03	0.09	0.05	68.92	ppb
Titanium	47-1	0.05	0.00	0.08	0.04	90.93	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	90.31	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	114.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.02	-0.01	0.18	0.05	224.70	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:55:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.05	0.03	40.71	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	26.71	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 11:59:16 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89520.86	85935.76	86777.62	87411.41	2.14	ppb
Antimony	121-1	1.16	1.16	1.28	1.20	5.82	ppb
Arsenic	75-2	0.23	0.39	0.25	0.29	29.89	ppb
Barium	135-1	1.45	1.40	1.51	1.45	3.68	ppb
Barium	137-1	1.44	1.50	1.51	1.48	2.68	ppb
Beryllium	9-1	0.45	0.35	0.46	0.42	15.09	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	7.60	7.06	7.01	7.22	4.52	ppb
Boron	11-1	6.99	8.07	7.65	7.57	7.17	ppb
Cadmium	111-1	0.20	0.22	0.34	0.25	30.89	ppb
Cadmium	106-1	-1.40	-0.88	-0.31	-0.86		ppb
Cadmium	108-1	7.36	8.13	7.99	7.83	5.21	ppb
Calcium	43-1	98067.81	99161.74	100268.20	99165.92	1.11	ppb
Calcium	44-1	96001.37	97245.90	99535.46	97594.24	1.84	ppb
Chromium	52-2	19.46	18.20	18.78	18.81	3.34	ppb
Cobalt	59-2	1.16	1.15	1.01	1.11	7.51	ppb
Copper	63-2	7.62	7.20	7.21	7.35	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	100464.31	97340.37	97417.83	98407.51	1.81	ppb
Iron	57-2	102020.49	98252.19	96938.15	99070.28	2.66	ppb
Krypton	83-1	190.38	2414.44	2385.58	1663.46	76.70	ppb
Lead	206-1	4.84	4.94	5.11	4.96	2.75	ppb
Lead	207-1	4.38	4.22	4.33	4.31	1.95	ppb
Lead	208-1	4.58	4.50	4.64	4.57	1.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	100684.14	96380.53	97262.90	98109.19	2.32	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:59:16	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.23	7.04	7.28	7.19	1.77	ppb
Molybdenum	94-1	1374.97	1368.50	1399.53	1381.00	1.19	ppb
Molybdenum	95-1	1950.23	1932.07	1983.82	1955.37	1.34	ppb
Molybdenum	96-1	1877.78	1854.82	1912.85	1881.82	1.55	ppb
Molybdenum	97-1	1959.75	1945.45	1990.29	1965.16	1.17	ppb
Molybdenum	98-1	1942.82	1927.19	1985.57	1951.86	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.33	5.14	5.12	5.20	2.24	ppb
Phosphorus	31-2	93591.60	91234.57	91526.63	92117.60	1.39	ppb
Potassium	39-2	98913.61	94203.56	95569.60	96228.92	2.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	4.30	0.00	0.00	1.43	173.21	ppb
Selenium	78-2	-0.62	0.73	-0.62	-0.17		ppb
Selenium	82-1	0.31	-0.26	-0.52	-0.16		ppb
Silicon	28-1	24.24	25.64	27.97	25.95	7.27	ppb
Silver	109-1	0.03	0.05	0.08	0.05	42.61	ppb
Silver	107-1	0.05	0.06	0.06	0.06	8.76	ppb
Sodium	23-2	99862.64	96316.46	96649.85	97609.65	2.01	ppb
Strontium	86-1	33.40	33.31	34.12	33.61	1.32	ppb
Strontium	88-1	33.89	33.39	34.19	33.82	1.20	ppb
Sulfur	34-1	82417.41	82876.02	85944.47	83745.97	2.29	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.09	0.11	0.10	8.52	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	7.10	ppb
Tin	118-1	0.17	0.17	0.17	0.17	1.51	ppb
Titanium	47-1	1986.25	2048.04	2058.18	2030.82	1.92	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.66	ppb
Vanadium	51-2	0.12	0.14	0.11	0.12	14.97	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	11.11	11.09	11.21	11.14	0.60	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:59:16	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.52	0.42	0.41	0.45	13.82	ppb
Zirconium	91-1	0.54	0.41	0.40	0.45	17.54	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:02:34	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85442.34	87534.03	92916.06	88630.81	4.35	ppb
Antimony	121-1	20.94	20.72	20.28	20.65	1.62	ppb
Arsenic	75-2	18.27	19.02	19.44	18.91	3.12	ppb
Barium	135-1	22.06	21.03	20.47	21.19	3.81	ppb
Barium	137-1	21.27	20.80	20.57	20.88	1.71	ppb
Beryllium	9-1	20.56	19.96	20.44	20.32	1.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	57.92	60.05	56.51	58.16	3.07	ppb
Boron	11-1	61.98	59.98	59.35	60.44	2.27	ppb
Cadmium	111-1	19.29	18.94	18.35	18.86	2.51	ppb
Cadmium	106-1	15.55	14.57	15.58	15.23	3.78	ppb
Cadmium	108-1	23.90	25.53	26.29	25.24	4.82	ppb
Calcium	43-1	96849.15	97715.01	94761.59	96441.92	1.57	ppb
Calcium	44-1	97431.83	96654.93	93950.78	96012.51	1.90	ppb
Chromium	52-2	39.77	41.35	42.78	41.30	3.65	ppb
Cobalt	59-2	19.42	20.03	21.67	20.37	5.70	ppb
Copper	63-2	26.58	26.76	28.81	27.38	4.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	96483.22	99275.97	104270.29	100009.83	3.94	ppb
Iron	57-2	97075.04	98635.54	105905.92	100538.83	4.69	ppb
Krypton	83-1	877.15	692.67	59.42	543.08	78.98	ppb
Lead	206-1	25.07	24.95	23.95	24.66	2.48	ppb
Lead	207-1	22.98	22.73	22.30	22.67	1.50	ppb
Lead	208-1	23.88	23.62	23.03	23.51	1.85	ppb
Lithium	6-1				95		%
Magnesium	24-2	96231.48	98471.29	103248.58	99317.12	3.61	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:02:34	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.64	26.66	28.34	26.88	5.08	ppb
Molybdenum	94-1	1398.55	1368.18	1360.55	1375.76	1.46	ppb
Molybdenum	95-1	1995.84	1928.95	1932.46	1952.42	1.93	ppb
Molybdenum	96-1	1912.27	1869.05	1845.69	1875.67	1.80	ppb
Molybdenum	97-1	1987.89	1973.06	1920.66	1960.54	1.80	ppb
Molybdenum	98-1	1999.30	1951.33	1917.50	1956.04	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.99	25.66	27.44	26.36	3.59	ppb
Phosphorus	31-2	89957.54	93568.34	97137.68	93554.52	3.84	ppb
Potassium	39-2	94018.73	97211.16	102841.50	98023.80	4.56	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				85		%
Selenium	77-2	16.68	25.50	30.80	24.33	29.33	ppb
Selenium	78-2	18.20	15.13	12.15	15.16	19.97	ppb
Selenium	82-1	19.67	18.57	19.03	19.09	2.90	ppb
Silicon	28-1	74.14	74.46	71.95	73.51	1.86	ppb
Silver	109-1	19.33	18.53	18.39	18.75	2.70	ppb
Silver	107-1	19.06	18.66	18.37	18.70	1.87	ppb
Sodium	23-2	95880.69	98085.44	103308.79	99091.64	3.85	ppb
Strontium	86-1	34.18	32.80	31.95	32.97	3.42	ppb
Strontium	88-1	33.89	33.54	32.49	33.30	2.19	ppb
Sulfur	34-1	83045.95	81354.68	79137.14	81179.26	2.41	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	20.45	20.44	19.57	20.15	2.49	ppb
Thallium	205-1	20.37	20.16	19.53	20.02	2.17	ppb
Tin	118-1	48.49	47.59	46.88	47.65	1.69	ppb
Titanium	47-1	2036.59	2037.61	2006.82	2027.01	0.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.03	ppb
Vanadium	51-2	19.05	19.33	19.81	19.40	1.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	29.75	30.66	34.10	31.50	7.28	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:02:34	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.20	0.17	0.20	18.10	ppb
Zirconium	91-1	0.19	0.17	0.16	0.18	9.77	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:09:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51931.81	50932.94	51671.53	51512.09	1.01	ppb
Antimony	121-1	527.37	531.84	522.64	527.28	0.87	ppb
Arsenic	75-2	506.27	488.91	503.18	499.45	1.85	ppb
Barium	135-1	2634.01	2689.59	2625.83	2649.81	1.31	ppb
Barium	137-1	2592.60	2684.75	2590.86	2622.74	2.05	ppb
Beryllium	9-1	527.92	536.42	534.72	533.02	0.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	545.97	549.22	563.42	552.87	1.68	ppb
Boron	11-1	537.58	553.11	558.99	549.89	2.01	ppb
Cadmium	111-1	503.17	515.72	503.36	507.42	1.42	ppb
Cadmium	106-1	507.50	525.54	515.75	516.26	1.75	ppb
Cadmium	108-1	505.84	532.68	512.41	516.98	2.71	ppb
Calcium	43-1	253459.29	255622.91	250311.01	253131.07	1.06	ppb
Calcium	44-1	250957.09	258026.35	251001.35	253328.26	1.61	ppb
Chromium	52-2	529.30	514.48	523.37	522.38	1.43	ppb
Cobalt	59-2	491.06	474.68	485.12	483.62	1.71	ppb
Copper	63-2	971.60	952.89	956.49	960.33	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				109		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	127054.99	123702.88	126239.96	125665.94	1.39	ppb
Iron	57-2	128228.21	125968.05	126971.03	127055.76	0.89	ppb
Krypton	83-1	-152.50	1117.25	945.33	636.69	108.19	ppb
Lead	206-1	532.46	548.39	529.66	536.83	1.88	ppb
Lead	207-1	529.43	543.47	526.42	533.10	1.71	ppb
Lead	208-1	531.21	541.90	526.36	533.16	1.49	ppb
Lithium	6-1				95		%
Magnesium	24-2	252290.08	245485.65	249934.63	249236.79	1.39	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:09:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.19	989.41	996.31	995.64	0.59	ppb
Molybdenum	94-1	2627.69	2699.69	2617.53	2648.30	1.69	ppb
Molybdenum	95-1	2596.30	2690.60	2616.36	2634.42	1.89	ppb
Molybdenum	96-1	2592.67	2697.02	2597.83	2629.17	2.24	ppb
Molybdenum	97-1	2617.57	2672.89	2610.61	2633.69	1.30	ppb
Molybdenum	98-1	2627.44	2689.59	2590.58	2635.87	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.55	491.90	501.60	498.02	1.07	ppb
Phosphorus	31-2	10289.25	9432.11	10187.00	9969.45	4.70	ppb
Potassium	39-2	129583.18	124914.57	125257.65	126585.14	2.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	578.72	487.51	563.48	543.24	8.99	ppb
Selenium	78-2	531.38	470.30	528.74	510.14	6.77	ppb
Selenium	82-1	519.36	529.57	517.17	522.03	1.27	ppb
Silicon	28-1	549.98	553.57	536.20	546.58	1.68	ppb
Silver	109-1	512.39	533.75	511.96	519.37	2.40	ppb
Silver	107-1	516.13	525.82	513.75	518.57	1.23	ppb
Sodium	23-2	253189.36	246383.50	249994.45	249855.77	1.36	ppb
Strontium	86-1	520.77	538.49	521.87	527.04	1.88	ppb
Strontium	88-1	526.40	538.78	525.86	530.35	1.38	ppb
Sulfur	34-1	9950.72	10086.73	9989.22	10008.89	0.70	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	535.81	539.37	529.66	534.95	0.92	ppb
Thallium	205-1	525.54	539.35	522.10	529.00	1.73	ppb
Tin	118-1	519.17	539.45	527.59	528.74	1.93	ppb
Titanium	47-1	2628.06	2707.25	2637.26	2657.52	1.63	ppb
Uranium	238-1	530.26	536.62	527.01	531.30	0.92	ppb
Vanadium	51-2	505.76	489.71	502.61	499.36	1.70	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	969.39	947.19	969.62	962.07	1.34	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:09:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	526.65	538.23	524.12	529.67	1.42	ppb
Zirconium	91-1	522.10	541.27	521.93	528.43	2.10	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:16:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	-0.42	1.85	0.69	165.71	ppb
Antimony	121-1	0.39	0.41	0.46	0.42	8.60	ppb
Arsenic	75-2	0.07	0.07	0.10	0.08	21.64	ppb
Barium	135-1	0.00	0.01	0.01	0.01	120.23	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.17	ppb
Beryllium	9-1	0.22	0.19	0.22	0.21	6.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	9.43	8.79	8.73	8.98	4.28	ppb
Boron	11-1	9.56	8.95	9.61	9.37	3.90	ppb
Cadmium	111-1	0.02	-0.06	-0.04	-0.03		ppb
Cadmium	106-1	0.13	-0.88	-0.91	-0.55		ppb
Cadmium	108-1	0.01	0.04	-0.02	0.01	430.42	ppb
Calcium	43-1	-3.66	-6.69	-3.85	-4.73		ppb
Calcium	44-1	-4.41	-6.55	-2.51	-4.49		ppb
Chromium	52-2	0.06	0.10	0.06	0.07	32.72	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	35.14	ppb
Copper	63-2	0.00	0.01	0.07	0.03	127.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	2.53	2.54	2.36	2.48	4.00	ppb
Iron	57-2	1.33	2.92	2.28	2.17	36.81	ppb
Krypton	83-1	824.21	3227.29	-1020.36	1010.38	210.81	ppb
Lead	206-1	0.10	0.07	0.09	0.09	17.79	ppb
Lead	207-1	0.10	0.07	0.08	0.08	20.02	ppb
Lead	208-1	0.09	0.07	0.09	0.08	13.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	9.64	9.45	8.69	9.26	5.44	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:16:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.06	-0.07	-0.06		ppb
Molybdenum	94-1	0.34	0.36	0.39	0.37	6.99	ppb
Molybdenum	95-1	0.34	0.33	0.35	0.34	3.77	ppb
Molybdenum	96-1	0.33	0.33	0.31	0.32	2.34	ppb
Molybdenum	97-1	0.35	0.36	0.36	0.36	2.19	ppb
Molybdenum	98-1	0.33	0.33	0.40	0.35	11.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.10	0.11	0.06	113.14	ppb
Phosphorus	31-2	29.70	13.01	-2.50	13.40	120.14	ppb
Potassium	39-2	31.87	9.46	28.68	23.33	51.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.03	-0.62	-0.19		ppb
Selenium	82-1	-0.05	-0.89	0.18	-0.25		ppb
Silicon	28-1	-7.98	-7.05	-4.78	-6.60		ppb
Silver	109-1	0.02	0.02	0.03	0.02	24.13	ppb
Silver	107-1	0.02	0.03	0.02	0.02	25.76	ppb
Sodium	23-2	47.46	37.36	46.82	43.88	12.89	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	283.98	ppb
Sulfur	34-1	-869.48	-729.42	-218.07	-605.66		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.11	0.11	0.12	11.50	ppb
Thallium	205-1	0.11	0.13	0.13	0.12	9.21	ppb
Tin	118-1	0.09	0.07	0.11	0.09	21.90	ppb
Titanium	47-1	0.07	0.10	0.03	0.07	57.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	54.01	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	85.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.10	0.20	0.13	0.14	35.89	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:16:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.09	0.09	8.39	ppb
Zirconium	91-1	0.06	0.08	0.17	0.10	58.28	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:23:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.73	19.37	15.87	17.99	10.34	ppb
Antimony	121-1	2.10	2.11	2.09	2.10	0.36	ppb
Arsenic	75-2	1.09	1.05	0.96	1.04	6.37	ppb
Barium	135-1	10.32	10.58	10.04	10.31	2.63	ppb
Barium	137-1	10.26	10.01	10.14	10.14	1.24	ppb
Beryllium	9-1	1.20	1.21	1.20	1.20	0.33	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	28.21	29.05	28.66	28.64	1.47	ppb
Boron	11-1	27.79	29.73	30.39	29.30	4.62	ppb
Cadmium	111-1	0.98	0.89	0.96	0.94	5.11	ppb
Cadmium	106-1	-0.32	-0.26	-0.06	-0.21		ppb
Cadmium	108-1	0.98	1.26	0.99	1.07	14.83	ppb
Calcium	43-1	464.76	460.50	462.59	462.62	0.46	ppb
Calcium	44-1	485.52	477.64	485.84	483.00	0.96	ppb
Chromium	52-2	2.02	2.20	2.21	2.14	5.06	ppb
Cobalt	59-2	0.97	1.02	0.96	0.98	3.16	ppb
Copper	63-2	2.16	1.96	2.03	2.05	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	54.15	54.00	52.63	53.59	1.57	ppb
Iron	57-2	51.44	55.72	52.59	53.25	4.16	ppb
Krypton	83-1	1647.92	-737.11	-289.25	207.19	611.84	ppb
Lead	206-1	1.04	1.06	1.08	1.06	2.02	ppb
Lead	207-1	1.06	1.06	1.03	1.05	2.13	ppb
Lead	208-1	1.07	1.06	1.06	1.06	0.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	529.60	514.98	504.96	516.51	2.40	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:23:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.11	1.05	1.05	6.40	ppb
Molybdenum	94-1	5.63	5.26	5.55	5.48	3.55	ppb
Molybdenum	95-1	5.19	5.12	5.24	5.18	1.15	ppb
Molybdenum	96-1	5.08	5.13	5.17	5.13	0.87	ppb
Molybdenum	97-1	5.22	5.16	5.00	5.13	2.18	ppb
Molybdenum	98-1	5.29	5.02	5.04	5.12	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	0.99	1.07	1.08	8.27	ppb
Phosphorus	31-2	28.58	12.80	-2.50	12.96	119.90	ppb
Potassium	39-2	534.42	540.42	519.19	531.35	2.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	0.00	3.93	3.90	2.61	86.60	ppb
Selenium	78-2	5.73	2.55	7.56	5.28	48.04	ppb
Selenium	82-1	5.10	5.87	4.87	5.28	9.95	ppb
Silicon	28-1	8.10	7.07	8.54	7.90	9.53	ppb
Silver	109-1	1.00	1.05	1.09	1.05	4.31	ppb
Silver	107-1	1.10	1.03	1.09	1.07	3.88	ppb
Sodium	23-2	546.58	529.45	509.28	528.44	3.53	ppb
Strontium	86-1	1.02	1.02	1.09	1.04	4.28	ppb
Strontium	88-1	1.03	0.98	1.06	1.02	3.87	ppb
Sulfur	34-1	-700.24	-882.38	-709.52	-764.05		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	1.07	0.97	1.08	1.04	5.58	ppb
Thallium	205-1	1.05	1.12	1.06	1.08	3.85	ppb
Tin	118-1	5.12	5.02	5.15	5.10	1.33	ppb
Titanium	47-1	4.72	5.24	5.06	5.01	5.29	ppb
Uranium	238-1	0.96	1.00	0.97	0.97	2.11	ppb
Vanadium	51-2	4.91	4.87	4.81	4.86	0.98	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2.80	2.31	2.16	2.42	13.75	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:23:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.21	1.13	1.22	1.19	4.43	ppb
Zirconium	91-1	1.20	1.16	1.24	1.20	3.54	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:26:33	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.59	38.98	41.41	39.00	6.18	ppb
Antimony	121-1	3.97	4.00	3.95	3.97	0.54	ppb
Arsenic	75-2	1.97	2.16	2.46	2.19	11.31	ppb
Barium	135-1	19.34	19.48	19.23	19.35	0.66	ppb
Barium	137-1	19.13	18.93	19.40	19.15	1.22	ppb
Beryllium	9-1	2.01	1.91	2.17	2.03	6.40	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	50.33	53.25	53.19	52.26	3.20	ppb
Boron	11-1	49.77	51.82	54.27	51.95	4.34	ppb
Cadmium	111-1	2.03	1.99	2.01	2.01	0.90	ppb
Cadmium	106-1	1.54	2.71	1.50	1.91	35.83	ppb
Cadmium	108-1	1.70	2.30	1.97	1.99	15.00	ppb
Calcium	43-1	918.45	944.07	952.65	938.39	1.90	ppb
Calcium	44-1	927.47	934.92	944.91	935.77	0.93	ppb
Chromium	52-2	4.39	4.16	4.03	4.19	4.30	ppb
Cobalt	59-2	2.05	2.02	1.96	2.01	2.15	ppb
Copper	63-2	4.15	3.82	3.96	3.98	4.20	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				110		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	377.24	354.33	358.00	363.19	3.39	ppb
Iron	57-2	380.07	340.32	356.21	358.87	5.57	ppb
Krypton	83-1	-342.03	1948.61	-312.77	431.27	304.72	ppb
Lead	206-1	2.02	1.97	2.08	2.02	2.91	ppb
Lead	207-1	1.98	1.96	1.94	1.96	0.86	ppb
Lead	208-1	1.97	1.96	2.02	1.98	1.55	ppb
Lithium	6-1				103		%
Magnesium	24-2	1032.51	971.46	988.43	997.47	3.16	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:26:33	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.96	2.08	1.85	1.96	5.81	ppb
Molybdenum	94-1	10.28	9.95	9.99	10.07	1.78	ppb
Molybdenum	95-1	9.93	9.78	9.65	9.79	1.42	ppb
Molybdenum	96-1	9.86	9.64	9.95	9.82	1.64	ppb
Molybdenum	97-1	9.71	9.46	9.64	9.60	1.36	ppb
Molybdenum	98-1	9.79	9.45	9.84	9.69	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.35	2.12	2.31	7.45	ppb
Phosphorus	31-2	13.57	12.61	-2.50	7.89	114.18	ppb
Potassium	39-2	1063.36	1003.64	950.25	1005.75	5.63	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	16.39	19.52	11.91	15.94	23.98	ppb
Selenium	78-2	19.20	9.45	19.22	15.96	35.34	ppb
Selenium	82-1	9.85	9.45	10.19	9.83	3.74	ppb
Silicon	28-1	21.27	21.34	22.25	21.62	2.54	ppb
Silver	109-1	2.06	1.96	2.05	2.02	2.60	ppb
Silver	107-1	2.02	2.08	2.10	2.07	1.96	ppb
Sodium	23-2	1071.39	998.25	1007.65	1025.76	3.88	ppb
Strontium	86-1	2.01	1.89	1.98	1.96	3.13	ppb
Strontium	88-1	1.93	1.97	1.97	1.96	1.29	ppb
Sulfur	34-1	-751.94	-822.97	-380.91	-651.94		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	1.97	2.00	1.92	1.96	1.97	ppb
Thallium	205-1	1.98	2.03	2.05	2.02	1.91	ppb
Tin	118-1	9.84	9.73	9.85	9.80	0.67	ppb
Titanium	47-1	9.39	9.99	9.86	9.75	3.22	ppb
Uranium	238-1	1.85	1.85	1.88	1.86	0.81	ppb
Vanadium	51-2	9.46	9.34	9.12	9.31	1.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	4.85	4.11	4.46	4.48	8.30	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:26:33	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.14	2.07	1.99	2.06	3.56	ppb
Zirconium	91-1	2.22	2.02	1.92	2.05	7.41	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:29:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.84	1.08	-0.48	0.48	175.95	ppb
Antimony	121-1	0.07	0.06	0.06	0.07	10.14	ppb
Arsenic	75-2	0.00	0.00	0.02	0.01	338.40	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	344.61	ppb
Barium	137-1	0.02	0.01	0.01	0.02	37.94	ppb
Beryllium	9-1	0.10	0.10	0.17	0.13	30.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	6.97	6.35	7.33	6.88	7.22	ppb
Boron	11-1	7.33	5.98	5.84	6.38	12.85	ppb
Cadmium	111-1	-0.10	0.01	-0.04	-0.04		ppb
Cadmium	106-1	-1.29	-0.02	-0.57	-0.63		ppb
Cadmium	108-1	0.07	-0.02	0.00	0.02	284.92	ppb
Calcium	43-1	-2.67	-6.42	-10.52	-6.53		ppb
Calcium	44-1	-7.35	-8.63	-8.97	-8.32		ppb
Chromium	52-2	0.03	0.07	0.00	0.03	101.21	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	90.55	ppb
Copper	63-2	-0.01	0.00	-0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	1.58	1.55	1.20	1.45	14.66	ppb
Iron	57-2	2.87	2.40	0.69	1.99	57.62	ppb
Krypton	83-1	318.53	1800.30	-864.06	418.26	319.18	ppb
Lead	206-1	0.06	0.03	0.04	0.04	28.65	ppb
Lead	207-1	0.04	0.04	0.04	0.04	3.89	ppb
Lead	208-1	0.05	0.04	0.04	0.04	9.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.89	6.28	5.79	6.65	16.48	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:29:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.06	-0.06	-0.06		ppb
Molybdenum	94-1	0.10	0.09	0.10	0.10	9.09	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.09	5.47	ppb
Molybdenum	96-1	0.10	0.10	0.07	0.09	20.57	ppb
Molybdenum	97-1	0.10	0.09	0.09	0.09	9.38	ppb
Molybdenum	98-1	0.11	0.06	0.11	0.09	32.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.10	0.08	33.45	ppb
Phosphorus	31-2	12.89	-2.50	-2.50	2.63	337.75	ppb
Potassium	39-2	5.85	16.79	18.78	13.81	50.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	3.93	0.00	0.00	1.31	173.21	ppb
Selenium	78-2	0.64	0.64	0.00	0.43	86.90	ppb
Selenium	82-1	0.35	-0.61	0.40	0.05	1170.19	ppb
Silicon	28-1	-3.72	-8.05	-7.26	-6.34		ppb
Silver	109-1	0.01	0.00	0.02	0.01	71.52	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.32	ppb
Sodium	23-2	24.05	12.10	9.29	15.15	51.72	ppb
Strontium	86-1	0.01	0.02	-0.01	0.01	163.71	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	229.14	ppb
Sulfur	34-1	152.07	-757.36	-580.44	-395.24		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.05	0.07	0.06	17.69	ppb
Thallium	205-1	0.07	0.06	0.07	0.06	10.74	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.04	0.11	0.02	0.03	253.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.09	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	573.62	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.28	-0.11	-0.05	-0.15		ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:29:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.02	0.03	26.60	ppb
Zirconium	91-1	0.04	0.02	0.02	0.02	41.24	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113523BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 12:33:19 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	2.93	0.80	1.40	94.75	ppb
Antimony	121-1	0.06	0.04	0.04	0.05	21.49	ppb
Arsenic	75-2	0.01	-0.02	0.00	0.00		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	0.01	0.02	0.00	0.01	120.72	ppb
Beryllium	9-1	0.13	0.09	0.09	0.10	21.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	4.42	3.61	4.27	4.10	10.56	ppb
Boron	11-1	4.66	5.08	4.55	4.77	5.92	ppb
Cadmium	111-1	-0.01	-0.04	-0.02	-0.03		ppb
Cadmium	106-1	-0.22	-0.69	-0.40	-0.44		ppb
Cadmium	108-1	0.01	0.04	-0.05	0.00		ppb
Calcium	43-1	-1.28	-1.80	-5.80	-2.96		ppb
Calcium	44-1	-6.77	-8.24	-8.06	-7.69		ppb
Chromium	52-2	0.05	0.00	-0.05	0.00		ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	85.91	ppb
Copper	63-2	-0.01	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	0.83	0.94	0.79	0.85	9.42	ppb
Iron	57-2	-0.23	1.42	1.46	0.88	109.31	ppb
Krypton	83-1	1095.10	922.79	360.21	792.70	48.48	ppb
Lead	206-1	0.04	0.03	0.03	0.03	18.67	ppb
Lead	207-1	0.03	0.04	0.02	0.03	25.57	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.33	4.23	3.92	4.16	5.16	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:33:19	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	-0.09	-0.04	-0.06		ppb
Molybdenum	94-1	0.07	0.08	0.09	0.08	11.43	ppb
Molybdenum	95-1	0.04	0.06	0.07	0.06	32.24	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.05	23.16	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	6.57	ppb
Molybdenum	98-1	0.05	0.05	0.08	0.06	26.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.01	0.02	0.04	121.90	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	17.63	7.55	8.71	11.30	48.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	-0.62	-0.62	-0.62		ppb
Selenium	82-1	-0.14	-0.29	-0.03	-0.15		ppb
Silicon	28-1	-6.27	-5.98	-6.88	-6.38		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.20	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.52	ppb
Sodium	23-2	17.30	9.72	14.79	13.94	27.71	ppb
Strontium	86-1	0.00	-0.01	0.02	0.00	253.70	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-401.31	-240.88	-445.93	-362.71		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.05	0.06	12.32	ppb
Thallium	205-1	0.06	0.04	0.06	0.05	14.81	ppb
Tin	118-1	-0.04	-0.03	-0.03	-0.04		ppb
Titanium	47-1	0.06	0.02	-0.01	0.02	140.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.50	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.25	0.09	-0.21	-0.12		ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:33:19	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	29.38	ppb
Zirconium	91-1	0.02	0.01	0.01	0.02	31.66	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:36:43	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.40	38.28	39.90	37.86	6.02	ppb
Antimony	121-1	4.11	4.15	3.92	4.06	2.95	ppb
Arsenic	75-2	1.81	2.18	1.90	1.96	10.07	ppb
Barium	135-1	19.59	20.80	19.02	19.81	4.59	ppb
Barium	137-1	20.22	20.74	19.07	20.01	4.25	ppb
Beryllium	9-1	2.16	1.99	1.83	1.99	8.28	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	49.96	49.32	50.29	49.86	0.99	ppb
Boron	11-1	50.74	49.68	51.47	50.63	1.78	ppb
Cadmium	111-1	1.93	2.05	1.96	1.98	3.18	ppb
Cadmium	106-1	0.90	1.13	1.79	1.27	36.19	ppb
Cadmium	108-1	2.22	1.92	2.01	2.05	7.48	ppb
Calcium	43-1	922.63	991.44	942.95	952.34	3.71	ppb
Calcium	44-1	957.77	975.68	917.47	950.31	3.14	ppb
Chromium	52-2	4.09	4.27	4.37	4.24	3.44	ppb
Cobalt	59-2	1.98	1.96	2.12	2.02	4.23	ppb
Copper	63-2	3.90	3.80	4.21	3.97	5.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	353.31	357.83	383.80	364.98	4.51	ppb
Iron	57-2	349.25	359.92	395.17	368.11	6.53	ppb
Krypton	83-1	-331.93	-613.32	-470.60	-471.95		ppb
Lead	206-1	2.06	2.09	1.96	2.03	3.32	ppb
Lead	207-1	1.97	2.06	1.98	2.00	2.50	ppb
Lead	208-1	2.01	2.06	1.96	2.01	2.59	ppb
Lithium	6-1				103		%
Magnesium	24-2	987.47	1002.44	1017.92	1002.61	1.52	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:36:43	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.13	1.95	1.91	2.00	5.75	ppb
Molybdenum	94-1	9.79	10.02	9.93	9.91	1.21	ppb
Molybdenum	95-1	9.75	10.03	9.31	9.70	3.78	ppb
Molybdenum	96-1	9.84	10.04	9.48	9.78	2.92	ppb
Molybdenum	97-1	9.58	10.02	9.34	9.65	3.55	ppb
Molybdenum	98-1	10.06	10.42	9.77	10.08	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.05	2.21	2.14	3.85	ppb
Phosphorus	31-2	12.42	12.47	29.41	18.10	54.10	ppb
Potassium	39-2	977.70	1015.00	1072.93	1021.88	4.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	15.44	23.54	8.18	15.72	48.86	ppb
Selenium	78-2	13.07	10.76	9.27	11.03	17.36	ppb
Selenium	82-1	10.90	9.95	10.26	10.37	4.68	ppb
Silicon	28-1	24.20	24.45	21.55	23.40	6.87	ppb
Silver	109-1	2.17	2.17	2.16	2.16	0.31	ppb
Silver	107-1	2.16	2.22	2.10	2.16	2.65	ppb
Sodium	23-2	985.41	998.02	1068.23	1017.22	4.39	ppb
Strontium	86-1	2.00	2.03	1.83	1.96	5.48	ppb
Strontium	88-1	2.01	2.04	1.99	2.01	1.14	ppb
Sulfur	34-1	-446.42	-320.47	-932.31	-566.40		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	2.07	2.03	1.98	2.03	2.18	ppb
Thallium	205-1	2.02	2.06	1.90	2.00	4.21	ppb
Tin	118-1	9.89	10.23	9.89	10.00	1.99	ppb
Titanium	47-1	10.53	10.71	9.52	10.25	6.25	ppb
Uranium	238-1	1.92	1.90	1.84	1.89	2.09	ppb
Vanadium	51-2	9.56	9.63	9.91	9.70	1.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4.62	4.32	4.50	4.48	3.33	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:36:43	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.08	2.05	1.97	2.04	2.95	ppb
Zirconium	91-1	2.12	2.16	1.93	2.07	6.01	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:40:06	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	3.97	1.65	2.14	76.14	ppb
Antimony	121-1	19.36	19.64	19.15	19.38	1.27	ppb
Arsenic	75-2	11.20	10.80	11.38	11.13	2.66	ppb
Barium	135-1	51.38	50.49	48.71	50.20	2.71	ppb
Barium	137-1	50.25	50.53	48.30	49.69	2.45	ppb
Beryllium	9-1	4.22	4.18	3.77	4.06	6.24	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	6.02	5.93	5.34	5.76	6.47	ppb
Boron	11-1	5.75	5.43	5.18	5.45	5.25	ppb
Cadmium	111-1	7.09	6.88	6.94	6.97	1.55	ppb
Cadmium	106-1	6.39	5.63	4.85	5.63	13.68	ppb
Cadmium	108-1	6.08	6.62	5.96	6.22	5.67	ppb
Calcium	43-1	703.90	679.95	672.49	685.45	2.39	ppb
Calcium	44-1	711.89	690.96	670.21	691.02	3.02	ppb
Chromium	52-2	0.01	0.11	-0.01	0.04	181.41	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	26.24	ppb
Copper	63-2	11.17	10.97	11.65	11.26	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	1.69	1.53	1.69	1.64	5.40	ppb
Iron	57-2	2.49	1.83	4.96	3.09	53.35	ppb
Krypton	83-1	2132.05	535.55	1552.26	1406.62	57.45	ppb
Lead	206-1	5.97	5.70	5.76	5.81	2.45	ppb
Lead	207-1	5.90	5.66	5.48	5.68	3.74	ppb
Lead	208-1	5.87	5.72	5.56	5.72	2.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.81	3.09	6.08	5.33	37.04	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:40:06	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.38	14.51	15.89	15.26	4.58	ppb
Molybdenum	94-1	0.10	0.08	0.05	0.08	34.57	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.04	13.66	ppb
Molybdenum	96-1	0.03	0.05	0.03	0.04	26.77	ppb
Molybdenum	97-1	0.03	0.06	0.02	0.03	57.14	ppb
Molybdenum	98-1	0.06	0.03	0.03	0.04	33.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.01	6.88	7.72	7.20	6.30	ppb
Phosphorus	31-2	28.03	12.80	-2.50	12.78	119.47	ppb
Potassium	39-2	461.87	476.88	531.93	490.23	7.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	31.40	27.14	29.16	29.23	7.29	ppb
Selenium	78-2	33.54	27.51	18.85	26.64	27.72	ppb
Selenium	82-1	24.33	25.22	23.59	24.38	3.34	ppb
Silicon	28-1	-3.44	-6.02	-7.49	-5.65		ppb
Silver	109-1	11.62	11.37	11.10	11.36	2.31	ppb
Silver	107-1	11.55	11.56	11.06	11.39	2.50	ppb
Sodium	23-2	751.10	757.50	807.97	772.19	4.03	ppb
Strontium	86-1	0.03	0.02	0.03	0.02	29.69	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	17.92	ppb
Sulfur	34-1	-224.92	-438.80	-703.80	-455.84		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	4.97	4.90	4.83	4.90	1.39	ppb
Thallium	205-1	4.89	4.89	4.73	4.84	1.87	ppb
Tin	118-1	0.01	0.00	0.01	0.01	65.49	ppb
Titanium	47-1	0.04	-0.01	-0.01	0.01	521.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	92.88	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	22.32	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	20.40	21.28	21.15	20.94	2.28	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:40:06	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.02	0.02	39.49	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	10.42	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:43:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.78	-0.10	0.50	103.08	ppb
Antimony	121-1	20.30	19.15	20.20	19.88	3.20	ppb
Arsenic	75-2	10.75	11.50	11.47	11.24	3.75	ppb
Barium	135-1	52.77	48.77	51.51	51.02	4.00	ppb
Barium	137-1	51.71	49.05	50.72	50.49	2.66	ppb
Beryllium	9-1	4.24	3.84	3.98	4.02	5.06	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	3.48	3.89	3.16	3.51	10.44	ppb
Boron	11-1	4.46	3.55	3.95	3.98	11.49	ppb
Cadmium	111-1	7.29	7.02	7.27	7.19	2.07	ppb
Cadmium	106-1	5.33	6.14	5.57	5.68	7.36	ppb
Cadmium	108-1	6.61	7.28	6.85	6.91	4.92	ppb
Calcium	43-1	738.07	685.46	686.69	703.41	4.27	ppb
Calcium	44-1	731.38	681.06	691.89	701.44	3.78	ppb
Chromium	52-2	0.06	-0.01	0.02	0.02	147.21	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	56.42	ppb
Copper	63-2	11.05	10.60	11.69	11.11	4.94	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				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1.91	1.75	1.51	1.72	11.59	ppb
Iron	57-2	0.14	1.09	-0.17	0.35	187.58	ppb
Krypton	83-1	1610.69	258.50	1127.88	999.02	68.59	ppb
Lead	206-1	6.31	5.70	5.84	5.95	5.33	ppb
Lead	207-1	6.00	5.54	5.73	5.76	4.05	ppb
Lead	208-1	6.09	5.63	5.90	5.87	3.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.98	5.42	4.47	4.96	9.57	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:43:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.95	14.38	15.20	14.85	2.84	ppb
Molybdenum	94-1	0.07	0.05	0.06	0.06	15.12	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	42.98	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	7.08	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	18.67	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	19.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.02	6.71	7.32	7.02	4.32	ppb
Phosphorus	31-2	12.81	-2.50	13.04	7.79	114.41	ppb
Potassium	39-2	491.59	455.23	483.07	476.63	3.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	23.67	47.36	20.04	30.36	48.88	ppb
Selenium	78-2	29.90	22.28	25.22	25.80	14.88	ppb
Selenium	82-1	26.03	25.50	25.53	25.69	1.16	ppb
Silicon	28-1	-2.39	-6.10	-5.67	-4.72		ppb
Silver	109-1	11.83	11.11	11.54	11.49	3.13	ppb
Silver	107-1	11.72	11.28	11.74	11.58	2.26	ppb
Sodium	23-2	761.08	752.71	769.04	760.94	1.07	ppb
Strontium	86-1	0.04	0.01	0.01	0.02	81.95	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	10.34	ppb
Sulfur	34-1	133.48	-798.92	-521.59	-395.68		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	5.20	4.94	5.03	5.06	2.64	ppb
Thallium	205-1	5.21	4.71	5.01	4.98	5.05	ppb
Tin	118-1	0.00	-0.04	-0.02	-0.02		ppb
Titanium	47-1	0.05	0.05	-0.03	0.02	181.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	163.37	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	18.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	19.77	19.68	20.31	19.92	1.72	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:43:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	17.62	ppb
Zirconium	91-1	0.05	0.03	0.03	0.04	34.40	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 12:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.67	-0.77	0.67	189.66	ppb
Antimony	121-1	4.01	4.12	4.02	4.05	1.45	ppb
Arsenic	75-2	2.53	2.21	2.19	2.31	8.30	ppb
Barium	135-1	9.88	9.95	10.17	10.00	1.55	ppb
Barium	137-1	9.76	10.29	10.20	10.08	2.82	ppb
Beryllium	9-1	0.85	0.85	0.76	0.82	6.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	3.16	2.36	2.71	2.74	14.50	ppb
Boron	11-1	3.10	3.09	3.05	3.08	0.87	ppb
Cadmium	111-1	1.40	1.42	1.42	1.41	1.01	ppb
Cadmium	106-1	0.48	0.95	0.66	0.70	34.52	ppb
Cadmium	108-1	1.31	1.15	1.11	1.19	8.92	ppb
Calcium	43-1	124.64	127.58	129.63	127.28	1.97	ppb
Calcium	44-1	136.14	138.04	136.92	137.03	0.70	ppb
Chromium	52-2	0.10	0.03	0.07	0.07	52.78	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	85.36	ppb
Copper	63-2	2.26	2.10	2.10	2.15	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	1.44	1.88	1.57	1.63	13.88	ppb
Iron	57-2	1.47	3.04	1.41	1.97	46.79	ppb
Krypton	83-1	173.17	1121.85	396.62	563.88	87.96	ppb
Lead	206-1	1.20	1.20	1.19	1.20	0.67	ppb
Lead	207-1	1.12	1.13	1.17	1.14	2.21	ppb
Lead	208-1	1.19	1.18	1.19	1.19	0.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.75	4.13	4.68	5.19	26.62	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 12:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.13	2.73	3.14	3.00	7.72	ppb
Molybdenum	94-1	0.10	0.01	0.09	0.07	68.54	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	17.88	ppb
Molybdenum	96-1	0.06	0.04	0.03	0.04	27.08	ppb
Molybdenum	97-1	0.02	0.05	0.07	0.05	49.78	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	16.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.32	1.37	1.33	2.93	ppb
Phosphorus	31-2	-2.50	-2.50	27.48	7.50	230.95	ppb
Potassium	39-2	100.76	99.02	104.71	101.50	2.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	7.89	7.67	3.88	6.48	34.79	ppb
Selenium	78-2	5.10	7.41	8.15	6.89	23.07	ppb
Selenium	82-1	4.79	5.04	5.24	5.02	4.44	ppb
Silicon	28-1	-6.15	-6.20	-7.24	-6.53		ppb
Silver	109-1	2.37	2.28	2.29	2.32	2.20	ppb
Silver	107-1	2.29	2.27	2.27	2.28	0.60	ppb
Sodium	23-2	159.32	154.97	159.93	158.07	1.71	ppb
Strontium	86-1	0.03	0.00	0.05	0.03	97.91	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	24.15	ppb
Sulfur	34-1	-544.29	-471.15	-656.24	-557.23		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1.04	0.95	1.04	1.01	4.86	ppb
Thallium	205-1	0.99	1.00	1.02	1.00	1.67	ppb
Tin	118-1	-0.02	-0.03	-0.05	-0.03		ppb
Titanium	47-1	-0.01	-0.01	0.03	0.00	541.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	86.04	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	138.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	4.74	3.64	3.66	4.01	15.67	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 12:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	31.42	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	98.67	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:50:32	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1853.39	1635.76	1774.58	1754.58	6.28	ppb
Antimony	121-1	114.07	117.27	119.18	116.84	2.21	ppb
Arsenic	75-2	50.83	46.30	49.42	48.85	4.74	ppb
Barium	135-1	1934.01	1981.55	2026.27	1980.61	2.33	ppb
Barium	137-1	1944.68	1989.10	2008.73	1980.84	1.66	ppb
Beryllium	9-1	50.47	50.18	53.20	51.28	3.25	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	2.52	3.19	3.72	3.14	19.08	ppb
Boron	11-1	2.99	2.93	3.31	3.08	6.68	ppb
Cadmium	111-1	53.86	55.15	56.55	55.19	2.43	ppb
Cadmium	106-1	44.82	45.80	49.96	46.86	5.83	ppb
Cadmium	108-1	51.60	52.62	52.87	52.36	1.28	ppb
Calcium	43-1	660.96	667.16	712.67	680.26	4.15	ppb
Calcium	44-1	685.18	699.56	699.73	694.82	1.20	ppb
Chromium	52-2	190.39	178.25	180.13	182.92	3.57	ppb
Cobalt	59-2	476.39	445.56	452.64	458.19	3.52	ppb
Copper	63-2	249.43	233.98	238.18	240.53	3.32	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				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	980.68	915.36	922.60	939.55	3.81	ppb
Iron	57-2	939.48	915.54	949.43	934.82	1.86	ppb
Krypton	83-1	17.60	1754.88	940.64	904.37	96.11	ppb
Lead	206-1	24.04	24.41	24.89	24.45	1.74	ppb
Lead	207-1	23.83	23.93	23.64	23.80	0.61	ppb
Lead	208-1	24.18	24.39	24.51	24.36	0.68	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.94	3.97	2.28	4.06	45.09	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:50:32	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	488.45	457.42	463.33	469.73	3.51	ppb
Molybdenum	94-1	0.12	0.15	0.10	0.12	19.18	ppb
Molybdenum	95-1	0.07	0.08	0.06	0.07	13.95	ppb
Molybdenum	96-1	0.08	0.11	0.09	0.09	17.89	ppb
Molybdenum	97-1	0.05	0.10	0.06	0.07	31.56	ppb
Molybdenum	98-1	0.08	0.06	0.08	0.07	19.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.01	458.58	465.21	470.60	3.28	ppb
Phosphorus	31-2	-2.50	12.20	-2.50	2.40	353.60	ppb
Potassium	39-2	469.04	447.62	480.05	465.57	3.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	135.35	141.98	139.18	138.84	2.40	ppb
Selenium	78-2	154.68	158.35	131.52	148.18	9.82	ppb
Selenium	82-1	144.59	146.87	147.87	146.44	1.15	ppb
Silicon	28-1	-5.72	-6.20	-4.00	-5.31		ppb
Silver	109-1	56.71	57.55	58.37	57.54	1.44	ppb
Silver	107-1	56.70	58.01	59.38	58.03	2.31	ppb
Sodium	23-2	768.35	707.65	731.55	735.85	4.16	ppb
Strontium	86-1	0.07	0.05	0.00	0.04	99.25	ppb
Strontium	88-1	0.08	0.07	0.07	0.07	9.29	ppb
Sulfur	34-1	-907.80	-928.44	-790.55	-875.60		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	50.86	50.84	51.62	51.10	0.87	ppb
Thallium	205-1	50.57	50.80	51.34	50.90	0.77	ppb
Tin	118-1	-0.05	-0.02	0.00	-0.02		ppb
Titanium	47-1	-0.04	0.03	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	149.46	ppb
Vanadium	51-2	470.33	442.39	449.37	454.03	3.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	499.09	459.52	470.63	476.41	4.28	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:50:32	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	5.52	ppb
Zirconium	91-1	0.06	0.03	0.04	0.04	30.63	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:53:54	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	223.49	242.08	219.15	228.24	5.34	ppb
Antimony	121-1	5.46	5.45	5.39	5.44	0.69	ppb
Arsenic	75-2	6.37	6.53	6.26	6.39	2.10	ppb
Barium	135-1	39.97	40.81	39.56	40.11	1.59	ppb
Barium	137-1	40.59	40.71	39.99	40.43	0.96	ppb
Beryllium	9-1	3.38	3.53	3.47	3.46	2.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	5.31	5.95	6.78	6.02	12.24	ppb
Boron	11-1	5.56	5.91	6.51	5.99	8.00	ppb
Cadmium	111-1	3.49	3.62	3.44	3.51	2.69	ppb
Cadmium	106-1	2.42	3.02	2.52	2.65	12.03	ppb
Cadmium	108-1	3.24	2.96	2.68	2.96	9.38	ppb
Calcium	43-1	213.88	221.81	226.53	220.74	2.90	ppb
Calcium	44-1	220.32	224.76	215.59	220.22	2.08	ppb
Chromium	52-2	7.12	7.73	7.24	7.36	4.37	ppb
Cobalt	59-2	5.23	5.34	5.46	5.34	2.14	ppb
Copper	63-2	7.50	7.89	7.90	7.76	2.91	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				110		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	153.35	167.48	160.93	160.59	4.40	ppb
Iron	57-2	154.82	173.13	159.11	162.36	5.90	ppb
Krypton	83-1	1808.72	388.21	1408.76	1201.90	60.95	ppb
Lead	206-1	6.10	6.26	6.09	6.15	1.52	ppb
Lead	207-1	5.79	5.93	5.81	5.84	1.29	ppb
Lead	208-1	6.00	6.05	5.94	6.00	0.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	65.80	81.59	62.26	69.88	14.73	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:53:54	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.89	6.86	6.66	6.81	1.84	ppb
Molybdenum	94-1	0.86	0.85	0.72	0.81	9.76	ppb
Molybdenum	95-1	0.05	0.09	0.07	0.07	29.20	ppb
Molybdenum	96-1	0.16	0.15	0.13	0.15	8.84	ppb
Molybdenum	97-1	0.04	0.07	0.05	0.05	28.77	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	15.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.81	5.82	5.53	5.39	9.70	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	123.69	131.44	143.44	132.86	7.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	23.56	20.77	0.00	14.78	87.12	ppb
Selenium	78-2	19.64	15.45	17.32	17.47	12.01	ppb
Selenium	82-1	17.08	16.94	16.87	16.96	0.65	ppb
Silicon	28-1	209.86	211.80	203.13	208.26	2.18	ppb
Silver	109-1	3.73	3.86	3.74	3.78	1.80	ppb
Silver	107-1	3.75	3.76	3.86	3.79	1.54	ppb
Sodium	23-2	101.59	110.62	110.59	107.60	4.84	ppb
Strontium	86-1	1.95	1.92	1.89	1.92	1.53	ppb
Strontium	88-1	2.11	2.05	2.08	2.08	1.54	ppb
Sulfur	34-1	-1056.06	-1027.54	-1367.90	-1150.50		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	3.23	3.32	3.22	3.26	1.66	ppb
Thallium	205-1	3.19	3.32	3.27	3.26	1.98	ppb
Tin	118-1	0.20	0.11	0.10	0.14	38.22	ppb
Titanium	47-1	2.21	2.06	2.39	2.22	7.29	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	17.65	ppb
Vanadium	51-2	16.95	18.66	17.52	17.71	4.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	20.12	21.50	19.37	20.33	5.30	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:53:54	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.49	0.51	0.51	0.50	2.14	ppb
Zirconium	91-1	0.44	0.46	0.55	0.49	12.22	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:57:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	239.73	228.66	213.35	227.25	5.83	ppb
Antimony	121-1	5.33	5.42	5.52	5.42	1.82	ppb
Arsenic	75-2	5.54	6.51	5.93	5.99	8.14	ppb
Barium	135-1	40.56	40.55	41.61	40.90	1.48	ppb
Barium	137-1	40.52	39.99	41.84	40.78	2.34	ppb
Beryllium	9-1	3.33	3.62	3.65	3.53	5.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	4.31	5.67	3.99	4.65	19.20	ppb
Boron	11-1	5.28	5.15	5.55	5.33	3.86	ppb
Cadmium	111-1	3.41	3.43	3.36	3.40	1.02	ppb
Cadmium	106-1	3.27	2.48	1.63	2.46	33.24	ppb
Cadmium	108-1	3.43	3.50	3.06	3.33	6.98	ppb
Calcium	43-1	209.81	223.95	224.11	219.29	3.74	ppb
Calcium	44-1	218.56	218.12	229.16	221.95	2.82	ppb
Chromium	52-2	7.12	7.12	7.04	7.09	0.63	ppb
Cobalt	59-2	5.08	4.99	5.10	5.06	1.09	ppb
Copper	63-2	7.60	7.55	7.39	7.51	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	150.79	155.43	151.06	152.43	1.71	ppb
Iron	57-2	144.88	161.18	168.36	158.14	7.61	ppb
Krypton	83-1	-12.49	1938.15	834.73	920.13	106.30	ppb
Lead	206-1	5.82	6.08	6.41	6.10	4.86	ppb
Lead	207-1	5.70	5.68	5.92	5.77	2.34	ppb
Lead	208-1	5.85	5.88	6.13	5.95	2.57	ppb
Lithium	6-1				103		%
Magnesium	24-2	68.27	74.07	73.59	71.98	4.47	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:57:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.01	6.55	6.53	6.70	4.02	ppb
Molybdenum	94-1	0.76	0.82	0.85	0.81	5.45	ppb
Molybdenum	95-1	0.04	0.04	0.07	0.05	32.53	ppb
Molybdenum	96-1	0.13	0.15	0.13	0.14	8.76	ppb
Molybdenum	97-1	0.06	0.09	0.11	0.09	25.15	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	8.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.71	5.18	5.43	4.97	ppb
Phosphorus	31-2	-2.50	-2.50	12.87	2.62	338.11	ppb
Potassium	39-2	99.36	91.35	115.72	102.14	12.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	23.39	24.07	15.88	21.11	21.54	ppb
Selenium	78-2	22.63	20.72	18.58	20.64	9.81	ppb
Selenium	82-1	17.27	17.03	17.92	17.41	2.65	ppb
Silicon	28-1	202.24	204.85	214.32	207.14	3.07	ppb
Silver	109-1	3.75	3.84	4.17	3.92	5.59	ppb
Silver	107-1	3.66	3.85	3.94	3.82	3.78	ppb
Sodium	23-2	110.02	110.12	107.08	109.07	1.58	ppb
Strontium	86-1	1.91	1.93	2.09	1.98	4.91	ppb
Strontium	88-1	1.99	2.01	2.15	2.05	4.17	ppb
Sulfur	34-1	-1298.89	-1087.07	-805.12	-1063.69		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	3.16	3.14	3.37	3.22	4.04	ppb
Thallium	205-1	3.15	3.18	3.40	3.24	4.32	ppb
Tin	118-1	0.16	0.12	0.13	0.14	13.15	ppb
Titanium	47-1	2.09	2.20	2.26	2.18	4.11	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.95	ppb
Vanadium	51-2	16.93	17.63	16.51	17.03	3.32	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	20.40	19.25	20.00	19.88	2.93	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:57:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.46	0.50	0.48	0.48	3.36	ppb
Zirconium	91-1	0.51	0.52	0.51	0.51	1.80	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:00:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.70	48.00	49.67	44.79	15.75	ppb
Antimony	121-1	1.09	1.07	1.07	1.08	1.07	ppb
Arsenic	75-2	1.38	1.43	1.32	1.38	4.12	ppb
Barium	135-1	7.92	7.98	8.06	7.99	0.88	ppb
Barium	137-1	7.88	8.00	8.04	7.97	1.03	ppb
Beryllium	9-1	0.69	0.67	0.61	0.66	6.36	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	2.04	3.38	2.52	2.65	25.61	ppb
Boron	11-1	2.69	2.43	2.43	2.52	6.13	ppb
Cadmium	111-1	0.64	0.59	0.59	0.61	4.38	ppb
Cadmium	106-1	-0.24	-0.44	-0.19	-0.29		ppb
Cadmium	108-1	0.79	1.14	0.80	0.91	21.82	ppb
Calcium	43-1	44.13	29.98	37.87	37.33	19.00	ppb
Calcium	44-1	33.84	38.31	38.87	37.01	7.45	ppb
Chromium	52-2	1.60	1.56	1.49	1.55	3.61	ppb
Cobalt	59-2	1.05	1.01	1.00	1.02	2.42	ppb
Copper	63-2	1.55	1.62	1.48	1.55	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	32.29	31.21	30.49	31.33	2.90	ppb
Iron	57-2	36.00	28.87	28.15	31.01	13.99	ppb
Krypton	83-1	326.45	-562.36	-498.97	-244.96		ppb
Lead	206-1	1.33	1.33	1.30	1.32	1.33	ppb
Lead	207-1	1.32	1.30	1.22	1.28	3.90	ppb
Lead	208-1	1.34	1.32	1.31	1.33	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	17.39	14.37	16.88	16.21	9.98	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:00:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.44	1.23	1.24	1.30	9.12	ppb
Molybdenum	94-1	0.20	0.18	0.24	0.20	14.86	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	23.03	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	20.38	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	43.19	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	29.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.07	0.97	1.07	9.26	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	16.38	15.52	12.65	14.85	13.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	0.00	7.99	3.93	3.97	100.56	ppb
Selenium	78-2	5.29	3.88	1.91	3.69	45.85	ppb
Selenium	82-1	3.28	3.90	3.60	3.59	8.52	ppb
Silicon	28-1	34.33	35.62	36.67	35.54	3.29	ppb
Silver	109-1	0.75	0.80	0.83	0.79	4.94	ppb
Silver	107-1	0.82	0.76	0.81	0.80	4.33	ppb
Sodium	23-2	37.62	38.42	32.94	36.33	8.16	ppb
Strontium	86-1	0.45	0.40	0.38	0.41	8.83	ppb
Strontium	88-1	0.41	0.42	0.43	0.42	2.28	ppb
Sulfur	34-1	-1209.48	-1146.87	-893.67	-1083.34		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.62	0.66	0.64	0.64	3.26	ppb
Thallium	205-1	0.66	0.68	0.67	0.67	1.43	ppb
Tin	118-1	0.00	-0.03	-0.01	-0.01		ppb
Titanium	47-1	0.51	0.42	0.45	0.46	9.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.93	ppb
Vanadium	51-2	3.42	3.53	3.38	3.44	2.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	3.98	4.60	3.95	4.17	8.79	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:00:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.13	0.12	0.11	15.24	ppb
Zirconium	91-1	0.11	0.11	0.08	0.10	15.07	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	572.24	597.09	562.63	577.32	3.08	ppb
Antimony	121-1	24.50	24.94	25.72	25.05	2.47	ppb
Arsenic	75-2	13.72	14.54	13.35	13.87	4.38	ppb
Barium	135-1	415.94	417.98	432.42	422.11	2.13	ppb
Barium	137-1	413.92	419.42	431.91	421.75	2.19	ppb
Beryllium	9-1	12.62	12.29	13.19	12.70	3.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	4.30	3.30	4.35	3.99	14.85	ppb
Boron	11-1	4.75	4.68	5.33	4.92	7.23	ppb
Cadmium	111-1	12.84	13.08	13.57	13.16	2.82	ppb
Cadmium	106-1	10.25	10.17	11.16	10.53	5.20	ppb
Cadmium	108-1	12.11	13.13	12.59	12.61	4.04	ppb
Calcium	43-1	215.34	245.79	243.29	234.81	7.20	ppb
Calcium	44-1	214.43	219.66	231.01	221.70	3.82	ppb
Chromium	52-2	44.25	46.16	44.38	44.93	2.37	ppb
Cobalt	59-2	98.24	102.94	98.72	99.97	2.59	ppb
Copper	63-2	54.53	57.25	54.09	55.29	3.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	346.06	360.07	345.42	350.52	2.36	ppb
Iron	57-2	356.64	349.87	343.28	349.93	1.91	ppb
Krypton	83-1	1691.01	-738.18	-670.44	94.13	1469.63	ppb
Lead	206-1	9.47	9.70	10.08	9.75	3.15	ppb
Lead	207-1	9.13	9.64	9.81	9.53	3.72	ppb
Lead	208-1	9.40	9.65	9.87	9.64	2.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	57.07	78.08	75.29	70.14	16.26	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.04	102.44	99.70	100.73	1.48	ppb
Molybdenum	94-1	0.81	0.79	0.92	0.84	8.16	ppb
Molybdenum	95-1	0.03	0.08	0.07	0.06	43.55	ppb
Molybdenum	96-1	0.15	0.17	0.14	0.15	8.14	ppb
Molybdenum	97-1	0.06	0.09	0.06	0.07	22.31	ppb
Molybdenum	98-1	0.05	0.07	0.08	0.07	20.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.20	104.87	99.98	101.68	2.71	ppb
Phosphorus	31-2	-2.50	-2.50	13.14	2.71	332.62	ppb
Potassium	39-2	81.51	108.64	82.14	90.76	17.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	35.94	41.23	35.53	37.57	8.47	ppb
Selenium	78-2	48.30	43.25	46.48	46.01	5.55	ppb
Selenium	82-1	38.98	41.39	43.65	41.34	5.65	ppb
Silicon	28-1	200.94	200.69	210.20	203.94	2.66	ppb
Silver	109-1	12.51	12.83	13.30	12.88	3.07	ppb
Silver	107-1	12.68	12.91	13.42	13.00	2.90	ppb
Sodium	23-2	103.11	116.25	112.00	110.45	6.07	ppb
Strontium	86-1	2.08	2.09	2.09	2.09	0.32	ppb
Strontium	88-1	2.02	2.04	2.14	2.07	3.04	ppb
Sulfur	34-1	-1483.45	-1356.03	-1142.72	-1327.40		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	12.21	12.42	13.12	12.58	3.75	ppb
Thallium	205-1	12.45	12.79	12.91	12.72	1.90	ppb
Tin	118-1	0.12	0.11	0.12	0.12	7.55	ppb
Titanium	47-1	2.36	2.51	2.28	2.38	4.89	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	10.29	ppb
Vanadium	51-2	109.00	113.61	109.11	110.57	2.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	111.79	116.36	112.07	113.41	2.26	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.49	0.55	0.51	7.08	ppb
Zirconium	91-1	0.48	0.48	0.48	0.48	0.68	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:09:39	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51538.56	52361.60	51845.69	51915.28	0.80	ppb
Antimony	121-1	508.62	522.04	516.30	515.65	1.31	ppb
Arsenic	75-2	499.22	499.25	490.83	496.44	0.98	ppb
Barium	135-1	2567.03	2654.99	2578.53	2600.18	1.84	ppb
Barium	137-1	2546.33	2640.54	2549.71	2578.86	2.07	ppb
Beryllium	9-1	515.54	530.74	515.99	520.75	1.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	500.40	527.14	525.09	517.54	2.88	ppb
Boron	11-1	507.29	530.34	520.92	519.52	2.23	ppb
Cadmium	111-1	486.86	505.37	490.46	494.23	1.99	ppb
Cadmium	106-1	497.15	514.36	501.02	504.18	1.79	ppb
Cadmium	108-1	498.53	510.83	505.42	504.93	1.22	ppb
Calcium	43-1	245150.43	255265.33	243767.04	248060.93	2.53	ppb
Calcium	44-1	246190.17	257787.82	244537.18	249505.05	2.89	ppb
Chromium	52-2	528.21	534.86	527.12	530.06	0.79	ppb
Cobalt	59-2	488.73	497.55	493.62	493.30	0.90	ppb
Copper	63-2	993.27	993.40	990.53	992.40	0.16	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				111		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	127709.02	129169.40	127786.03	128221.49	0.64	ppb
Iron	57-2	127977.42	131475.85	129497.41	129650.23	1.35	ppb
Krypton	83-1	1879.27	2451.72	841.06	1724.02	47.36	ppb
Lead	206-1	513.98	544.58	519.53	526.03	3.10	ppb
Lead	207-1	513.15	544.86	520.59	526.20	3.15	ppb
Lead	208-1	512.86	543.69	518.34	524.96	3.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	249162.58	253600.40	250670.38	251144.45	0.90	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:09:39	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.44	1018.20	1010.40	1012.35	0.51	ppb
Molybdenum	94-1	2571.27	2672.55	2577.26	2607.03	2.18	ppb
Molybdenum	95-1	2560.22	2682.71	2562.53	2601.82	2.69	ppb
Molybdenum	96-1	2568.79	2684.77	2562.33	2605.30	2.64	ppb
Molybdenum	97-1	2584.15	2691.18	2563.60	2612.98	2.62	ppb
Molybdenum	98-1	2565.72	2716.20	2557.88	2613.27	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.41	514.53	510.93	509.96	1.01	ppb
Phosphorus	31-2	10238.61	9586.35	9388.43	9737.80	4.57	ppb
Potassium	39-2	124259.82	128245.94	127878.26	126794.67	1.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	606.62	349.11	508.21	487.98	26.63	ppb
Selenium	78-2	498.55	502.49	473.35	491.46	3.22	ppb
Selenium	82-1	498.77	531.36	501.21	510.45	3.56	ppb
Silicon	28-1	522.94	545.82	518.47	529.08	2.77	ppb
Silver	109-1	503.84	523.87	507.51	511.74	2.08	ppb
Silver	107-1	506.07	522.79	504.95	511.27	1.96	ppb
Sodium	23-2	250500.49	250788.55	250659.30	250649.44	0.06	ppb
Strontium	86-1	507.73	532.80	506.43	515.65	2.88	ppb
Strontium	88-1	512.33	532.06	509.46	517.95	2.38	ppb
Sulfur	34-1	9596.35	10445.26	9498.30	9846.64	5.29	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	515.57	544.05	522.37	527.33	2.82	ppb
Thallium	205-1	505.61	540.71	509.76	518.69	3.70	ppb
Tin	118-1	503.95	526.78	513.69	514.81	2.23	ppb
Titanium	47-1	2583.44	2729.38	2582.93	2631.91	3.21	ppb
Uranium	238-1	507.85	541.96	521.35	523.72	3.28	ppb
Vanadium	51-2	507.77	510.35	507.43	508.52	0.31	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	984.58	986.67	979.26	983.50	0.39	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:09:39	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.42	543.54	510.09	522.01	3.58	ppb
Zirconium	91-1	510.71	539.14	510.21	520.02	3.18	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P8
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:15:41 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	0.97	0.66	1.41	73.70	ppb
Antimony	121-1	0.41	0.39	0.47	0.42	9.29	ppb
Arsenic	75-2	-0.02	0.06	0.01	0.02	234.40	ppb
Barium	135-1	0.00	0.04	0.01	0.02	124.04	ppb
Barium	137-1	0.03	0.01	0.02	0.02	64.25	ppb
Beryllium	9-1	0.09	0.16	0.12	0.13	25.80	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	7.14	6.50	6.15	6.60	7.60	ppb
Boron	11-1	6.69	6.64	6.14	6.49	4.68	ppb
Cadmium	111-1	-0.07	0.06	-0.06	-0.02		ppb
Cadmium	106-1	-1.08	0.76	-1.04	-0.46		ppb
Cadmium	108-1	-0.02	0.01	0.03	0.00	581.09	ppb
Calcium	43-1	-4.40	-9.82	-7.89	-7.37		ppb
Calcium	44-1	-10.73	-8.29	-8.10	-9.04		ppb
Chromium	52-2	0.10	0.05	0.03	0.06	57.14	ppb
Cobalt	59-2	0.02	0.01	0.01	0.02	31.73	ppb
Copper	63-2	0.04	0.00	0.00	0.02	129.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	1.96	1.98	1.71	1.88	7.91	ppb
Iron	57-2	1.61	1.71	1.39	1.57	10.60	ppb
Krypton	83-1	-200.01	-3217.17	550.51	-955.56		ppb
Lead	206-1	0.09	0.07	0.10	0.09	18.78	ppb
Lead	207-1	0.07	0.07	0.06	0.07	11.91	ppb
Lead	208-1	0.08	0.07	0.07	0.07	4.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.12	5.29	5.18	4.53	26.94	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.07	-0.10	-0.06		ppb
Molybdenum	94-1	0.38	0.38	0.33	0.37	8.07	ppb
Molybdenum	95-1	0.30	0.28	0.36	0.31	12.87	ppb
Molybdenum	96-1	0.31	0.31	0.28	0.30	6.28	ppb
Molybdenum	97-1	0.26	0.31	0.34	0.31	13.35	ppb
Molybdenum	98-1	0.29	0.30	0.26	0.28	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	-0.02	0.00	0.03	242.65	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	21.67	-9.91	-5.56	2.07	828.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	8.66	0.00	0.00	2.89	173.21	ppb
Selenium	78-2	-0.62	0.04	-0.62	-0.40		ppb
Selenium	82-1	-0.53	0.98	0.05	0.17	458.19	ppb
Silicon	28-1	-11.23	-9.00	-9.68	-9.97		ppb
Silver	109-1	0.03	0.04	0.03	0.03	15.97	ppb
Silver	107-1	0.02	0.03	0.03	0.03	21.24	ppb
Sodium	23-2	33.81	23.03	23.23	26.69	23.10	ppb
Strontium	86-1	-0.02	0.00	-0.05	-0.03		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	42.41	ppb
Sulfur	34-1	-1182.53	-796.78	-915.92	-965.08		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.09	0.05	0.07	25.79	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.56	ppb
Tin	118-1	0.08	0.07	0.07	0.07	5.35	ppb
Titanium	47-1	0.06	0.14	0.03	0.08	72.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.62	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	133.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	0.00	0.14	0.21	0.12	92.88	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.07	0.10	19.54	ppb
Zirconium	91-1	0.14	0.08	0.13	0.12	26.83	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113587BL Instrumnet Name : P8
 Client Sample ID : PB113587BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:19:05 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.30	-0.68	-0.05		ppb
Antimony	121-1	0.16	0.19	0.21	0.19	15.09	ppb
Arsenic	75-2	0.01	0.06	0.06	0.04	63.70	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	0.02	0.00	0.01	67.16	ppb
Beryllium	9-1	0.05	0.12	0.10	0.09	43.52	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	5.33	4.26	5.24	4.94	12.05	ppb
Boron	11-1	4.70	4.79	4.43	4.64	4.05	ppb
Cadmium	111-1	-0.10	-0.11	-0.09	-0.10		ppb
Cadmium	106-1	-1.49	-1.67	-1.30	-1.49		ppb
Cadmium	108-1	-0.02	-0.02	0.04	0.00		ppb
Calcium	43-1	-4.25	-10.91	-6.19	-7.12		ppb
Calcium	44-1	-10.88	-10.72	-9.89	-10.50		ppb
Chromium	52-2	0.08	0.08	0.03	0.06	52.01	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	160.30	ppb
Copper	63-2	-0.01	0.00	0.02	0.00	350.14	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				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	0.83	1.17	1.05	1.02	16.72	ppb
Iron	57-2	1.24	0.63	0.30	0.72	66.12	ppb
Krypton	83-1	-1345.21	1147.93	-673.22	-290.17		ppb
Lead	206-1	0.06	0.06	0.07	0.06	9.18	ppb
Lead	207-1	0.06	0.05	0.07	0.06	10.14	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.26	4.77	4.42	3.15	79.66	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113587BL Instrumnet Name : P8
 Client Sample ID : PB113587BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:19:05 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	0.03	0.03	0.00	1845.20	ppb
Molybdenum	94-1	0.20	0.23	0.21	0.21	6.71	ppb
Molybdenum	95-1	0.14	0.17	0.11	0.14	23.48	ppb
Molybdenum	96-1	0.15	0.15	0.12	0.14	11.81	ppb
Molybdenum	97-1	0.11	0.16	0.10	0.12	24.92	ppb
Molybdenum	98-1	0.15	0.16	0.14	0.15	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.08	-0.01	0.01	415.69	ppb
Phosphorus	31-2	13.20	-2.50	-2.50	2.73	331.56	ppb
Potassium	39-2	-9.36	-3.61	3.39	-3.19		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	0.00	4.07	0.00	1.36	173.21	ppb
Selenium	78-2	0.69	0.69	0.04	0.47	78.59	ppb
Selenium	82-1	0.21	-0.63	0.40	-0.01		ppb
Silicon	28-1	-9.51	-8.53	-8.21	-8.75		ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.62	ppb
Silver	107-1	0.03	0.03	0.01	0.02	36.16	ppb
Sodium	23-2	21.39	10.07	10.88	14.11	44.73	ppb
Strontium	86-1	0.02	-0.08	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-962.66	-880.87	-745.38	-862.97		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.05	0.05	0.06	15.49	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	11.35	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.01	-0.01	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.47	ppb
Vanadium	51-2	0.00	0.00	-0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	-0.06	-0.04	-0.15	-0.08		ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BL	Instrumnet Name :	P8
Client Sample ID :	PB113587BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:19:05	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.08	7.71	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	23.66	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113587BS Instrumnet Name : P8
 Client Sample ID : PB113587BS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:22:28 DataFile Name : 037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9595.94	9676.06	9302.74	9524.91	2.06	ppb
Antimony	121-1	511.28	504.65	512.73	509.55	0.85	ppb
Arsenic	75-2	492.25	493.88	487.32	491.15	0.70	ppb
Barium	135-1	2564.63	2527.29	2545.44	2545.78	0.73	ppb
Barium	137-1	2501.87	2498.46	2517.96	2506.10	0.42	ppb
Beryllium	9-1	490.17	487.44	487.13	488.24	0.34	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	459.62	475.92	485.53	473.69	2.77	ppb
Boron	11-1	461.34	479.32	484.82	475.16	2.58	ppb
Cadmium	111-1	492.57	492.18	492.10	492.28	0.05	ppb
Cadmium	106-1	500.85	503.10	507.56	503.83	0.68	ppb
Cadmium	108-1	502.32	494.22	501.65	499.40	0.90	ppb
Calcium	43-1	49459.19	49306.79	48356.75	49040.91	1.22	ppb
Calcium	44-1	50159.23	49755.17	49355.44	49756.61	0.81	ppb
Chromium	52-2	490.37	486.63	473.13	483.38	1.88	ppb
Cobalt	59-2	485.08	481.14	470.96	479.06	1.52	ppb
Copper	63-2	991.59	993.41	952.82	979.27	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	25606.08	25315.58	24592.63	25171.43	2.07	ppb
Iron	57-2	24981.53	24934.07	24477.63	24797.74	1.12	ppb
Krypton	83-1	-1315.11	431.20	-679.44	-521.12		ppb
Lead	206-1	506.07	503.11	507.40	505.52	0.43	ppb
Lead	207-1	507.37	505.23	503.35	505.32	0.40	ppb
Lead	208-1	500.96	503.56	504.28	502.93	0.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	51590.21	50872.20	49852.57	50771.66	1.72	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BS	Instrumnet Name :	P8
Client Sample ID :	PB113587BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:22:28	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.68	983.66	957.88	975.41	1.56	ppb
Molybdenum	94-1	2492.51	2522.82	2528.48	2514.60	0.77	ppb
Molybdenum	95-1	2463.41	2508.50	2542.23	2504.72	1.58	ppb
Molybdenum	96-1	2481.33	2502.27	2529.81	2504.47	0.97	ppb
Molybdenum	97-1	2491.62	2528.24	2547.07	2522.31	1.12	ppb
Molybdenum	98-1	2487.99	2520.51	2544.51	2517.67	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.98	489.03	475.90	486.31	1.92	ppb
Phosphorus	31-2	10923.45	9391.35	9342.60	9885.80	9.09	ppb
Potassium	39-2	24439.81	24196.58	23479.86	24038.75	2.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	495.31	526.82	516.07	512.73	3.12	ppb
Selenium	78-2	527.98	495.03	515.08	512.70	3.24	ppb
Selenium	82-1	498.77	502.15	510.20	503.71	1.17	ppb
Silicon	28-1	530.61	527.73	521.74	526.69	0.86	ppb
Silver	109-1	507.63	507.76	508.34	507.91	0.07	ppb
Silver	107-1	511.73	512.43	515.27	513.14	0.37	ppb
Sodium	23-2	50505.34	50256.47	48621.60	49794.47	2.06	ppb
Strontium	86-1	491.20	497.33	506.01	498.18	1.49	ppb
Strontium	88-1	499.19	500.07	508.00	502.42	0.97	ppb
Sulfur	34-1	9304.05	9169.17	8894.13	9122.45	2.29	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	508.27	508.31	508.36	508.32	0.01	ppb
Thallium	205-1	502.86	502.61	501.61	502.36	0.13	ppb
Tin	118-1	513.56	507.42	508.62	509.87	0.64	ppb
Titanium	47-1	2572.37	2522.01	2506.64	2533.67	1.36	ppb
Uranium	238-1	491.50	489.39	483.98	488.29	0.79	ppb
Vanadium	51-2	490.75	485.19	474.77	483.57	1.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	977.88	976.71	954.62	969.74	1.35	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BS	Instrumnet Name :	P8
Client Sample ID :	PB113587BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:22:28	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.95	498.55	506.45	502.32	0.79	ppb
Zirconium	91-1	497.92	498.14	501.97	499.34	0.46	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-01	Instrumnet Name :	P8
Client Sample ID :	380913174-WELL-TANK	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:25:41	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.89	13.64	11.02	13.85	21.23	ppb
Antimony	121-1	0.76	0.72	0.74	0.74	3.11	ppb
Arsenic	75-2	0.26	0.36	0.50	0.37	30.94	ppb
Barium	135-1	270.26	268.93	270.56	269.92	0.32	ppb
Barium	137-1	271.87	268.46	266.61	268.98	0.99	ppb
Beryllium	9-1	0.18	0.20	0.19	0.19	3.59	ppb
Bismuth	209-1				124		%
Bismuth	209-2				109		%
Boron	10-1	34.58	31.54	28.90	31.67	8.98	ppb
Boron	11-1	34.19	32.05	31.71	32.65	4.12	ppb
Cadmium	111-1	0.02	-0.01	-0.05	-0.01		ppb
Cadmium	106-1	-0.40	-0.97	-1.94	-1.11		ppb
Cadmium	108-1	0.13	0.08	0.03	0.08	66.40	ppb
Calcium	43-1	85509.04	84786.10	84478.63	84924.59	0.62	ppb
Calcium	44-1	83982.54	83590.90	83389.69	83654.38	0.36	ppb
Chromium	52-2	1.16	0.99	1.11	1.09	7.82	ppb
Cobalt	59-2	0.07	0.05	0.05	0.06	19.32	ppb
Copper	63-2	18.09	17.46	17.40	17.65	2.18	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				123		%
Holmium	165-2				113		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	56-2	42.71	41.39	39.09	41.06	4.46	ppb
Iron	57-2	45.45	48.04	44.24	45.91	4.23	ppb
Krypton	83-1	-1000.93	-2135.01	-1827.33	-1654.42		ppb
Lead	206-1	2.52	2.49	2.47	2.49	0.87	ppb
Lead	207-1	2.35	2.33	2.29	2.32	1.28	ppb
Lead	208-1	2.42	2.40	2.35	2.39	1.39	ppb
Lithium	6-1				110		%
Magnesium	24-2	22150.55	21559.41	20996.51	21568.82	2.68	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-01	Instrumnet Name :	P8
Client Sample ID :	380913174-WELL-TANK	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:25:41	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.32	27.41	26.55	27.09	1.76	ppb
Molybdenum	94-1	0.88	0.84	0.70	0.81	11.68	ppb
Molybdenum	95-1	1.00	1.02	0.81	0.94	12.01	ppb
Molybdenum	96-1	0.97	0.95	0.84	0.92	7.55	ppb
Molybdenum	97-1	0.99	0.97	0.84	0.93	8.37	ppb
Molybdenum	98-1	1.10	1.04	0.87	1.00	11.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.58	0.67	0.60	10.02	ppb
Phosphorus	31-2	13.10	27.98	118.31	53.13	107.16	ppb
Potassium	39-2	1416.12	1454.65	1335.27	1402.01	4.35	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.00	1.84	-0.01	0.61	174.61	ppb
Selenium	82-1	0.30	0.21	0.82	0.44	74.77	ppb
Silicon	28-1	7507.38	7458.05	7550.84	7505.42	0.62	ppb
Silver	109-1	0.18	0.19	0.21	0.19	9.71	ppb
Silver	107-1	0.16	0.19	0.19	0.18	8.21	ppb
Sodium	23-2	9911.14	9699.55	9456.09	9688.93	2.35	ppb
Strontium	86-1	172.42	171.68	174.08	172.72	0.71	ppb
Strontium	88-1	176.63	176.57	175.28	176.16	0.43	ppb
Sulfur	34-1	6441.27	6436.07	6547.29	6474.88	0.97	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	0.31	0.28	0.26	0.28	8.75	ppb
Thallium	205-1	0.33	0.30	0.25	0.29	14.03	ppb
Tin	118-1	1.98	1.85	1.84	1.89	4.25	ppb
Titanium	47-1	0.30	0.52	0.31	0.38	32.69	ppb
Uranium	238-1	1.28	1.28	1.23	1.27	2.35	ppb
Vanadium	51-2	0.47	0.48	0.46	0.47	2.47	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	13.12	12.48	13.19	12.93	3.05	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-01	Instrumnet Name :	P8
Client Sample ID :	380913174-WELL-TANK	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:25:41	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.07	0.07	5.50	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	20.96	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:29:03	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.59	44.08	48.51	47.39	6.16	ppb
Antimony	121-1	0.32	0.29	0.32	0.31	5.70	ppb
Arsenic	75-2	0.04	0.10	0.07	0.07	42.39	ppb
Barium	135-1	1.87	1.68	1.76	1.77	5.40	ppb
Barium	137-1	1.70	1.71	1.88	1.76	5.85	ppb
Beryllium	9-1	0.25	0.30	0.33	0.29	13.96	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	10-1	12.99	13.25	12.69	12.98	2.13	ppb
Boron	11-1	14.19	13.01	13.47	13.56	4.38	ppb
Cadmium	111-1	-0.01	-0.02	0.04	0.01	553.11	ppb
Cadmium	106-1	-1.17	-1.18	-0.84	-1.06		ppb
Cadmium	108-1	0.07	0.03	0.14	0.08	70.81	ppb
Calcium	43-1	9618.72	9704.09	9909.34	9744.05	1.53	ppb
Calcium	44-1	9977.74	9982.46	10294.03	10084.74	1.80	ppb
Chromium	52-2	1.19	1.19	1.21	1.20	0.88	ppb
Cobalt	59-2	0.59	0.61	0.59	0.60	1.93	ppb
Copper	63-2	5.30	5.37	5.57	5.41	2.61	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				122		%
Holmium	165-2				113		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	56-2	9.78	9.53	9.77	9.69	1.44	ppb
Iron	57-2	7.20	10.10	8.66	8.65	16.75	ppb
Krypton	83-1	-242.35	-1759.22	798.97	-400.87		ppb
Lead	206-1	0.11	0.11	0.08	0.10	14.62	ppb
Lead	207-1	0.09	0.09	0.11	0.10	13.35	ppb
Lead	208-1	0.11	0.11	0.10	0.11	3.50	ppb
Lithium	6-1				110		%
Magnesium	24-2	1247.52	1231.55	1282.62	1253.90	2.08	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:29:03	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.52	1.66	1.73	1.64	6.72	ppb
Molybdenum	94-1	0.26	0.24	0.26	0.25	4.50	ppb
Molybdenum	95-1	0.26	0.22	0.26	0.25	10.07	ppb
Molybdenum	96-1	0.25	0.22	0.24	0.24	6.54	ppb
Molybdenum	97-1	0.29	0.28	0.29	0.29	2.84	ppb
Molybdenum	98-1	0.23	0.27	0.31	0.27	15.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.71	5.67	5.66	5.68	0.44	ppb
Phosphorus	31-2	165.01	400.00	156.24	240.42	57.51	ppb
Potassium	39-2	2013.02	2010.36	2120.04	2047.81	3.06	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.61	1.25	0.41	230.66	ppb
Selenium	82-1	-0.28	0.21	-0.13	-0.07		ppb
Silicon	28-1	3364.03	3351.84	3448.19	3388.02	1.55	ppb
Silver	109-1	0.16	0.20	0.22	0.19	15.21	ppb
Silver	107-1	0.19	0.19	0.25	0.21	15.39	ppb
Sodium	23-2	4897.34	4930.95	5024.25	4950.85	1.33	ppb
Strontium	86-1	35.39	35.52	36.36	35.75	1.47	ppb
Strontium	88-1	35.05	35.67	36.51	35.74	2.05	ppb
Sulfur	34-1	-981.97	-840.71	-585.60	-802.76		ppb
Terbium	159-1				122		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.11	0.10	0.10	11.76	ppb
Thallium	205-1	0.09	0.11	0.10	0.10	10.55	ppb
Tin	118-1	2.05	2.16	2.24	2.15	4.54	ppb
Titanium	47-1	0.65	0.53	0.56	0.58	10.79	ppb
Uranium	238-1	0.23	0.24	0.26	0.24	5.39	ppb
Vanadium	51-2	0.17	0.15	0.16	0.16	6.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	56.40	54.51	57.89	56.27	3.01	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:29:03	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	34.19	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	49.22	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : J5313-02DUP Instrumnet Name : P8
 Client Sample ID : 380919734.0-PBCU163C Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:32:26 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.45	47.68	52.12	48.75	6.12	ppb
Antimony	121-1	0.22	0.23	0.22	0.22	3.53	ppb
Arsenic	75-2	0.04	0.06	0.10	0.07	49.10	ppb
Barium	135-1	1.98	1.84	1.77	1.86	5.65	ppb
Barium	137-1	2.03	1.84	1.80	1.89	6.46	ppb
Beryllium	9-1	0.30	0.22	0.16	0.22	29.98	ppb
Bismuth	209-1				125		%
Bismuth	209-2				114		%
Boron	10-1	12.44	11.71	10.74	11.63	7.31	ppb
Boron	11-1	12.71	11.44	11.23	11.79	6.80	ppb
Cadmium	111-1	-0.07	-0.01	-0.01	-0.03		ppb
Cadmium	106-1	-2.15	-1.58	-1.25	-1.66		ppb
Cadmium	108-1	0.23	0.08	0.05	0.12	82.36	ppb
Calcium	43-1	11400.65	10060.99	9941.23	10467.62	7.74	ppb
Calcium	44-1	11727.77	10281.02	10096.53	10701.77	8.35	ppb
Chromium	52-2	1.13	1.25	1.21	1.20	5.21	ppb
Cobalt	59-2	0.64	0.64	0.62	0.63	1.65	ppb
Copper	63-2	5.71	5.72	5.82	5.75	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2	9.84	9.88	10.46	10.06	3.45	ppb
Iron	57-2	11.51	8.90	10.42	10.28	12.79	ppb
Krypton	83-1	-1982.29	-1545.38	-851.39	-1459.69		ppb
Lead	206-1	0.09	0.09	0.09	0.09	3.98	ppb
Lead	207-1	0.09	0.08	0.09	0.09	6.93	ppb
Lead	208-1	0.10	0.09	0.09	0.10	5.86	ppb
Lithium	6-1				106		%
Magnesium	24-2	1266.60	1273.00	1300.79	1280.13	1.42	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02DUP	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163C	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:32:26	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.39	1.33	1.51	1.41	6.28	ppb
Molybdenum	94-1	0.16	0.19	0.11	0.15	23.82	ppb
Molybdenum	95-1	0.21	0.10	0.18	0.16	32.92	ppb
Molybdenum	96-1	0.18	0.13	0.13	0.15	16.88	ppb
Molybdenum	97-1	0.16	0.19	0.15	0.17	12.29	ppb
Molybdenum	98-1	0.17	0.13	0.18	0.16	15.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.17	5.65	5.96	5.92	4.42	ppb
Phosphorus	31-2	370.14	296.06	251.63	305.94	19.57	ppb
Potassium	39-2	1995.19	2070.55	2082.60	2049.45	2.31	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	0.00	7.83	0.00	2.61	173.21	ppb
Selenium	78-2	0.00	-0.62	1.28	0.22	441.17	ppb
Selenium	82-1	0.60	0.34	-0.25	0.23	189.74	ppb
Silicon	28-1	3961.79	3433.99	3380.24	3592.01	8.95	ppb
Silver	109-1	0.22	0.22	0.24	0.22	5.08	ppb
Silver	107-1	0.20	0.22	0.21	0.21	5.66	ppb
Sodium	23-2	5008.62	5045.18	5000.68	5018.16	0.47	ppb
Strontium	86-1	39.73	35.97	36.25	37.32	5.61	ppb
Strontium	88-1	40.09	36.45	36.05	37.53	5.92	ppb
Sulfur	34-1	482.75	-973.56	-1068.68	-519.83		ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.08	0.06	0.09	0.08	15.53	ppb
Thallium	205-1	0.09	0.09	0.08	0.08	5.04	ppb
Tin	118-1	2.38	2.17	2.05	2.20	7.78	ppb
Titanium	47-1	0.54	0.49	0.36	0.46	20.48	ppb
Uranium	238-1	0.28	0.24	0.22	0.25	12.78	ppb
Vanadium	51-2	0.17	0.16	0.16	0.16	4.03	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	56.64	59.30	57.06	57.67	2.48	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02DUP	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163C	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:32:26	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	50.47	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	69.38	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02LX5	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:35:48	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.24	13.58	12.33	12.38	9.45	ppb
Antimony	121-1	0.18	0.17	0.17	0.17	4.41	ppb
Arsenic	75-2	0.00	0.03	0.08	0.03	120.51	ppb
Barium	135-1	0.39	0.41	0.39	0.40	2.81	ppb
Barium	137-1	0.38	0.40	0.31	0.36	12.62	ppb
Beryllium	9-1	0.13	0.11	0.11	0.12	7.99	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	5.64	6.77	6.70	6.37	9.95	ppb
Boron	11-1	6.33	5.70	6.14	6.06	5.31	ppb
Cadmium	111-1	-0.11	-0.09	-0.11	-0.10		ppb
Cadmium	106-1	-1.60	-1.69	-1.65	-1.65		ppb
Cadmium	108-1	0.15	0.03	0.06	0.08	78.66	ppb
Calcium	43-1	1990.07	1823.17	1934.83	1916.02	4.44	ppb
Calcium	44-1	2037.96	1928.91	1915.89	1960.92	3.42	ppb
Chromium	52-2	0.26	0.35	0.30	0.30	14.42	ppb
Cobalt	59-2	0.12	0.13	0.11	0.12	8.19	ppb
Copper	63-2	1.18	1.27	1.18	1.21	4.25	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				113		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	2.63	2.80	2.39	2.60	7.94	ppb
Iron	57-2	-0.04	3.75	0.03	1.25	173.79	ppb
Krypton	83-1	1104.43	-641.21	-440.83	7.46	12805.26	ppb
Lead	206-1	0.14	0.12	0.17	0.14	14.83	ppb
Lead	207-1	0.11	0.10	0.12	0.11	11.81	ppb
Lead	208-1	0.12	0.11	0.14	0.12	9.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	244.36	259.26	243.84	249.15	3.51	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02LX5	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:35:48	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.25	0.26	0.19	0.23	17.30	ppb
Molybdenum	94-1	0.14	0.09	0.12	0.12	20.57	ppb
Molybdenum	95-1	0.10	0.09	0.10	0.10	5.95	ppb
Molybdenum	96-1	0.10	0.11	0.05	0.09	39.33	ppb
Molybdenum	97-1	0.12	0.09	0.10	0.10	14.79	ppb
Molybdenum	98-1	0.09	0.06	0.09	0.08	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.21	1.11	1.17	4.53	ppb
Phosphorus	31-2	30.65	14.39	48.71	31.25	54.93	ppb
Potassium	39-2	376.30	411.54	390.62	392.82	4.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.72	0.05	0.73	0.50	77.93	ppb
Selenium	82-1	-0.35	0.13	0.11	-0.04		ppb
Silicon	28-1	708.39	662.28	656.57	675.75	4.20	ppb
Silver	109-1	0.12	0.10	0.07	0.10	24.93	ppb
Silver	107-1	0.11	0.12	0.11	0.11	5.15	ppb
Sodium	23-2	967.95	971.22	999.82	979.66	1.79	ppb
Strontium	86-1	7.60	6.94	7.10	7.22	4.79	ppb
Strontium	88-1	7.27	6.95	6.84	7.02	3.22	ppb
Sulfur	34-1	-597.99	-1208.18	-1323.66	-1043.28		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.60	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	8.43	ppb
Tin	118-1	0.38	0.39	0.33	0.37	8.63	ppb
Titanium	47-1	0.23	0.12	0.17	0.17	31.30	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	11.75	ppb
Vanadium	51-2	0.06	0.01	0.05	0.04	61.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	10.38	10.58	11.58	10.85	5.90	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02LX5	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:35:48	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.03	0.02	45.93	ppb
Zirconium	91-1	0.05	0.04	0.01	0.03	59.78	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MS	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:39:22	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1897.79	2071.49	1866.83	1945.37	5.67	ppb
Antimony	121-1	582.17	559.53	578.78	573.49	2.13	ppb
Arsenic	75-2	762.39	838.50	760.29	787.06	5.66	ppb
Barium	135-1	206.00	201.37	205.89	204.42	1.29	ppb
Barium	137-1	205.59	202.15	205.07	204.27	0.91	ppb
Beryllium	9-1	189.39	190.80	191.99	190.72	0.68	ppb
Bismuth	209-1				132		%
Bismuth	209-2				111		%
Boron	10-1	272.69	283.91	287.90	281.50	2.80	ppb
Boron	11-1	276.61	285.01	291.72	284.45	2.66	ppb
Cadmium	111-1	199.44	196.51	199.36	198.44	0.84	ppb
Cadmium	106-1	172.49	170.77	172.05	171.77	0.52	ppb
Cadmium	108-1	184.88	182.73	184.36	183.99	0.61	ppb
Calcium	43-1	10769.61	10886.40	10860.98	10839.00	0.57	ppb
Calcium	44-1	11193.00	11050.04	11029.44	11090.83	0.80	ppb
Chromium	52-2	402.63	443.45	398.02	414.70	6.03	ppb
Cobalt	59-2	204.96	226.03	202.82	211.27	6.07	ppb
Copper	63-2	325.61	359.96	319.59	335.05	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				96		%
Iron	56-2	3217.21	3585.35	3204.27	3335.61	6.49	ppb
Iron	57-2	3074.52	3501.81	3065.07	3213.80	7.76	ppb
Krypton	83-1	-676.75	-2432.90	232.60	-959.02		ppb
Lead	206-1	997.45	989.39	989.70	992.18	0.46	ppb
Lead	207-1	970.28	965.95	962.95	966.39	0.38	ppb
Lead	208-1	986.85	987.23	986.67	986.91	0.03	ppb
Lithium	6-1				109		%
Magnesium	24-2	3297.59	3577.82	3259.58	3378.33	5.14	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MS	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:39:22	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.71	219.61	195.86	204.40	6.46	ppb
Molybdenum	94-1	208.39	208.05	209.45	208.63	0.35	ppb
Molybdenum	95-1	294.71	295.00	293.46	294.39	0.28	ppb
Molybdenum	96-1	283.74	287.74	285.44	285.64	0.70	ppb
Molybdenum	97-1	293.59	296.59	296.35	295.51	0.56	ppb
Molybdenum	98-1	300.94	307.36	302.87	303.72	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.10	583.17	519.08	544.12	6.30	ppb
Phosphorus	31-2	6178.42	6244.33	5428.75	5950.50	7.61	ppb
Potassium	39-2	11603.74	12861.90	11445.02	11970.22	6.49	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				86		%
Selenium	77-2	1994.76	2207.98	2024.44	2075.73	5.56	ppb
Selenium	78-2	2000.50	2192.72	1999.51	2064.25	5.39	ppb
Selenium	82-1	2037.93	2068.12	2052.04	2052.70	0.74	ppb
Silicon	28-1	4203.28	4128.39	4106.20	4145.96	1.23	ppb
Silver	109-1	75.64	74.04	75.28	74.99	1.12	ppb
Silver	107-1	75.60	74.91	75.57	75.36	0.52	ppb
Sodium	23-2	7958.07	8754.06	7758.30	8156.81	6.46	ppb
Strontium	86-1	230.16	231.68	232.16	231.33	0.45	ppb
Strontium	88-1	236.64	237.25	234.72	236.20	0.56	ppb
Sulfur	34-1	-1216.74	-1307.87	-1308.54	-1277.72		ppb
Terbium	159-1				124		%
Terbium	159-2				108		%
Thallium	203-1	1972.26	1951.60	1941.59	1955.15	0.80	ppb
Thallium	205-1	1974.96	1957.13	1960.96	1964.35	0.48	ppb
Tin	118-1	534.24	522.13	529.64	528.67	1.16	ppb
Titanium	47-1	152.79	150.91	151.59	151.76	0.63	ppb
Uranium	238-1	0.24	0.24	0.25	0.24	2.86	ppb
Vanadium	51-2	299.71	331.87	293.33	308.30	6.70	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	261.85	294.53	262.22	272.87	6.88	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MS	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:39:22	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.69	0.69	0.76	15.68	ppb
Zirconium	91-1	1.05	0.88	0.79	0.90	14.70	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MSD	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:42:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1918.29	2052.51	1917.69	1962.83	3.96	ppb
Antimony	121-1	757.98	759.23	743.04	753.42	1.20	ppb
Arsenic	75-2	784.22	829.71	785.17	799.70	3.25	ppb
Barium	135-1	206.22	205.85	202.90	204.99	0.89	ppb
Barium	137-1	204.57	205.60	204.38	204.85	0.32	ppb
Beryllium	9-1	191.57	193.27	190.61	191.82	0.70	ppb
Bismuth	209-1				132		%
Bismuth	209-2				111		%
Boron	10-1	287.86	295.75	303.07	295.56	2.57	ppb
Boron	11-1	285.76	296.03	299.22	293.67	2.40	ppb
Cadmium	111-1	198.17	200.99	197.88	199.02	0.86	ppb
Cadmium	106-1	169.63	165.80	168.59	168.00	1.18	ppb
Cadmium	108-1	184.78	187.41	184.28	185.49	0.91	ppb
Calcium	43-1	10795.48	10719.64	10893.79	10802.97	0.81	ppb
Calcium	44-1	10960.05	10970.29	10951.04	10960.46	0.09	ppb
Chromium	52-2	413.21	439.74	414.50	422.48	3.54	ppb
Cobalt	59-2	211.16	227.00	213.08	217.08	3.98	ppb
Copper	63-2	336.67	358.48	340.34	345.16	3.38	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				127		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				94		%
Iron	56-2	3341.10	3513.64	3303.57	3386.11	3.31	ppb
Iron	57-2	3210.21	3403.99	3199.49	3271.23	3.52	ppb
Krypton	83-1	-1262.13	-1241.37	-3715.57	-2073.02		ppb
Lead	206-1	1010.82	1016.57	995.15	1007.51	1.10	ppb
Lead	207-1	982.46	990.90	978.04	983.80	0.66	ppb
Lead	208-1	999.80	1006.56	996.73	1001.03	0.50	ppb
Lithium	6-1				107		%
Magnesium	24-2	3307.08	3533.44	3314.11	3384.88	3.80	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MSD	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:42:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	203.42	218.17	201.39	207.66	4.41	ppb
Molybdenum	94-1	279.97	281.52	282.21	281.23	0.41	ppb
Molybdenum	95-1	408.50	403.88	404.30	405.56	0.63	ppb
Molybdenum	96-1	393.67	391.95	399.85	395.16	1.05	ppb
Molybdenum	97-1	397.11	397.54	396.05	396.90	0.19	ppb
Molybdenum	98-1	409.10	411.02	407.11	409.08	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.09	577.45	541.81	554.45	3.60	ppb
Phosphorus	31-2	5590.22	6598.81	6394.66	6194.56	8.61	ppb
Potassium	39-2	11994.64	12660.31	11886.08	12180.34	3.44	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	77-2	2106.76	2031.69	2128.74	2089.06	2.44	ppb
Selenium	78-2	2053.14	2175.39	2022.79	2083.77	3.88	ppb
Selenium	82-1	2076.93	2087.39	2098.90	2087.74	0.53	ppb
Silicon	28-1	4316.65	4270.89	4320.07	4302.54	0.64	ppb
Silver	109-1	75.23	75.42	74.37	75.01	0.75	ppb
Silver	107-1	74.84	75.59	74.79	75.07	0.60	ppb
Sodium	23-2	8078.76	8560.30	8033.58	8224.21	3.55	ppb
Strontium	86-1	231.54	235.35	234.31	233.73	0.84	ppb
Strontium	88-1	235.23	237.43	239.08	237.25	0.81	ppb
Sulfur	34-1	-1611.38	-1760.97	-1659.35	-1677.23		ppb
Terbium	159-1				124		%
Terbium	159-2				109		%
Thallium	203-1	1985.29	1987.25	1981.33	1984.62	0.15	ppb
Thallium	205-1	2005.60	1987.26	1970.15	1987.67	0.89	ppb
Tin	118-1	702.47	700.55	691.45	698.16	0.84	ppb
Titanium	47-1	202.17	202.77	200.96	201.97	0.46	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	1.74	ppb
Vanadium	51-2	305.72	327.00	305.87	312.86	3.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%
Zinc	66-2	275.63	292.12	270.82	279.53	4.00	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MSD	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:42:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.40	0.32	0.30	0.34	16.33	ppb
Zirconium	91-1	0.53	0.52	0.50	0.52	2.60	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02A	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:45:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1956.42	1883.73	1966.41	1935.52	2.33	ppb
Antimony	121-1	657.99	652.10	648.43	652.84	0.74	ppb
Arsenic	75-2	782.96	775.08	779.52	779.19	0.51	ppb
Barium	135-1	205.16	207.72	204.75	205.88	0.78	ppb
Barium	137-1	203.79	205.16	205.08	204.68	0.38	ppb
Beryllium	9-1	189.90	189.03	188.63	189.19	0.34	ppb
Bismuth	209-1				133		%
Bismuth	209-2				111		%
Boron	10-1	283.54	291.11	297.76	290.80	2.45	ppb
Boron	11-1	287.05	295.79	297.06	293.30	1.86	ppb
Cadmium	111-1	199.50	198.13	198.58	198.73	0.35	ppb
Cadmium	106-1	169.10	171.89	172.66	171.22	1.10	ppb
Cadmium	108-1	186.41	184.79	181.66	184.29	1.31	ppb
Calcium	43-1	10887.47	10900.78	10775.80	10854.68	0.63	ppb
Calcium	44-1	11003.33	10931.74	11029.46	10988.18	0.46	ppb
Chromium	52-2	422.75	414.46	418.52	418.58	0.99	ppb
Cobalt	59-2	216.81	213.36	214.41	214.86	0.82	ppb
Copper	63-2	343.75	338.13	341.58	341.15	0.83	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				126		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				94		%
Iron	56-2	3401.66	3299.41	3336.32	3345.80	1.55	ppb
Iron	57-2	3290.67	3213.62	3243.82	3249.37	1.19	ppb
Krypton	83-1	-2245.35	-209.50	-701.33	-1052.06		ppb
Lead	206-1	1009.73	1002.37	996.23	1002.78	0.67	ppb
Lead	207-1	986.70	987.20	974.73	982.88	0.72	ppb
Lead	208-1	999.45	999.35	997.22	998.67	0.13	ppb
Lithium	6-1				107		%
Magnesium	24-2	3317.17	3310.14	3301.89	3309.73	0.23	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : J5313-02A Instrumnet Name : P8
 Client Sample ID : 380919734.0-PBCU163A Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:45:57 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.84	201.15	206.24	204.41	1.39	ppb
Molybdenum	94-1	241.54	243.50	240.82	241.95	0.57	ppb
Molybdenum	95-1	342.21	352.59	349.60	348.14	1.54	ppb
Molybdenum	96-1	333.08	339.62	340.81	337.84	1.23	ppb
Molybdenum	97-1	342.22	344.48	343.47	343.39	0.33	ppb
Molybdenum	98-1	352.35	355.66	354.09	354.03	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	557.78	549.16	550.94	552.62	0.82	ppb
Phosphorus	31-2	5841.22	6741.17	6264.72	6282.37	7.17	ppb
Potassium	39-2	11918.78	11801.16	12052.46	11924.14	1.05	ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				82		%
Selenium	77-2	1847.94	1859.33	2050.97	1919.41	5.94	ppb
Selenium	78-2	2011.72	2098.58	1969.97	2026.76	3.24	ppb
Selenium	82-1	2058.43	2059.51	2063.80	2060.58	0.14	ppb
Silicon	28-1	4250.41	4217.95	4196.56	4221.64	0.64	ppb
Silver	109-1	74.54	74.57	74.27	74.46	0.22	ppb
Silver	107-1	74.94	74.79	74.19	74.64	0.53	ppb
Sodium	23-2	8188.12	8054.96	8137.88	8126.99	0.83	ppb
Strontium	86-1	231.98	232.23	229.48	231.23	0.66	ppb
Strontium	88-1	236.73	238.66	236.83	237.40	0.46	ppb
Sulfur	34-1	-1638.39	-1741.17	-1700.96	-1693.51		ppb
Terbium	159-1				124		%
Terbium	159-2				109		%
Thallium	203-1	1979.32	1976.72	1963.30	1973.11	0.44	ppb
Thallium	205-1	1994.92	1982.14	1981.98	1986.35	0.37	ppb
Tin	118-1	614.63	614.77	608.75	612.72	0.56	ppb
Titanium	47-1	177.68	178.11	175.84	177.21	0.68	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	0.52	ppb
Vanadium	51-2	314.58	304.34	308.57	309.16	1.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				92		%
Zinc	66-2	282.00	270.02	275.43	275.82	2.18	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02A	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:45:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.16	0.17	0.18	16.27	ppb
Zirconium	91-1	0.37	0.40	0.41	0.39	4.87	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-03	Instrumnet Name :	P8
Client Sample ID :	380912063	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:49:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.15	43.53	58.39	52.69	15.20	ppb
Antimony	121-1	1.76	1.87	1.72	1.79	4.29	ppb
Arsenic	75-2	0.22	0.37	0.52	0.37	40.53	ppb
Barium	135-1	8.74	8.80	8.56	8.70	1.43	ppb
Barium	137-1	9.00	9.26	8.83	9.03	2.41	ppb
Beryllium	9-1	0.18	0.20	0.13	0.17	22.02	ppb
Bismuth	209-1				131		%
Bismuth	209-2				111		%
Boron	10-1	27.08	28.59	26.88	27.52	3.40	ppb
Boron	11-1	27.26	27.64	25.80	26.90	3.62	ppb
Cadmium	111-1	-0.06	-0.15	-0.07	-0.09		ppb
Cadmium	106-1	-1.49	-2.58	-1.55	-1.87		ppb
Cadmium	108-1	0.07	0.03	-0.03	0.02	207.86	ppb
Calcium	43-1	14293.09	14379.65	13987.29	14220.01	1.45	ppb
Calcium	44-1	14560.01	14727.46	14278.41	14521.96	1.56	ppb
Chromium	52-2	0.26	0.21	0.27	0.24	13.51	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	19.91	ppb
Copper	63-2	83.78	81.98	86.59	84.12	2.76	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				124		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				97		%
Iron	56-2	15.45	15.89	16.68	16.00	3.89	ppb
Iron	57-2	21.54	15.29	16.27	17.70	19.00	ppb
Krypton	83-1	-736.20	1565.96	778.02	535.93	218.32	ppb
Lead	206-1	9.96	10.28	9.62	9.95	3.31	ppb
Lead	207-1	8.34	8.61	8.00	8.32	3.68	ppb
Lead	208-1	9.05	9.33	8.75	9.04	3.22	ppb
Lithium	6-1				106		%
Magnesium	24-2	3598.06	3495.17	3747.43	3613.55	3.51	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-03	Instrumnet Name :	P8
Client Sample ID :	380912063	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:49:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.98	1.13	1.02	9.70	ppb
Molybdenum	94-1	0.47	0.38	0.47	0.44	12.54	ppb
Molybdenum	95-1	0.54	0.58	0.56	0.56	3.82	ppb
Molybdenum	96-1	0.60	0.56	0.46	0.54	12.88	ppb
Molybdenum	97-1	0.57	0.48	0.53	0.53	7.77	ppb
Molybdenum	98-1	0.57	0.55	0.53	0.55	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.35	0.31	0.36	15.30	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	621.95	614.04	640.52	625.50	2.17	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.05	2.07	-0.62	1.16	132.93	ppb
Selenium	82-1	0.10	0.02	-0.25	-0.04		ppb
Silicon	28-1	3318.35	3359.52	3244.34	3307.40	1.76	ppb
Silver	109-1	0.13	0.14	0.12	0.13	8.94	ppb
Silver	107-1	0.14	0.16	0.13	0.14	8.21	ppb
Sodium	23-2	25776.21	25145.82	26271.36	25731.13	2.19	ppb
Strontium	86-1	38.86	39.84	38.40	39.03	1.88	ppb
Strontium	88-1	38.91	40.08	38.45	39.15	2.14	ppb
Sulfur	34-1	297.48	477.36	133.75	302.86	56.75	ppb
Terbium	159-1				123		%
Terbium	159-2				110		%
Thallium	203-1	0.47	0.43	0.35	0.41	14.72	ppb
Thallium	205-1	0.48	0.47	0.38	0.44	12.68	ppb
Tin	118-1	1.92	1.90	1.75	1.86	4.94	ppb
Titanium	47-1	0.43	0.43	0.28	0.38	23.57	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.81	ppb
Vanadium	51-2	0.14	0.12	0.18	0.15	21.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	13.97	14.44	15.61	14.68	5.74	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-03	Instrumnet Name :	P8
Client Sample ID :	380912063	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:49:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.06	0.04	28.71	ppb
Zirconium	91-1	0.06	0.05	0.07	0.06	15.66	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:52:57	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51520.43	53018.97	51496.59	52011.99	1.68	ppb
Antimony	121-1	495.79	512.55	484.57	497.64	2.83	ppb
Arsenic	75-2	494.28	489.18	499.27	494.24	1.02	ppb
Barium	135-1	2550.50	2629.57	2499.06	2559.71	2.57	ppb
Barium	137-1	2525.42	2590.11	2469.28	2528.27	2.39	ppb
Beryllium	9-1	508.35	514.40	489.82	504.19	2.54	ppb
Bismuth	209-1				111		%
Bismuth	209-2				95		%
Boron	10-1	502.02	528.30	513.76	514.69	2.56	ppb
Boron	11-1	505.68	519.71	506.58	510.66	1.54	ppb
Cadmium	111-1	474.28	485.08	465.67	475.01	2.05	ppb
Cadmium	106-1	476.23	500.39	472.93	483.18	3.10	ppb
Cadmium	108-1	481.71	489.51	470.63	480.61	1.97	ppb
Calcium	43-1	248494.50	252303.46	240338.87	247045.61	2.47	ppb
Calcium	44-1	248431.04	254623.00	240872.88	247975.64	2.78	ppb
Chromium	52-2	531.43	552.17	537.70	540.44	1.97	ppb
Cobalt	59-2	503.85	524.24	509.29	512.46	2.06	ppb
Copper	63-2	993.50	1038.08	1006.19	1012.59	2.27	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				112		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				85		%
Iron	56-2	129346.21	134666.43	131414.18	131808.94	2.03	ppb
Iron	57-2	131673.98	137509.94	132562.38	133915.43	2.35	ppb
Krypton	83-1	-150.95	1757.43	697.34	767.94	124.51	ppb
Lead	206-1	526.57	538.86	513.94	526.46	2.37	ppb
Lead	207-1	527.53	537.71	513.94	526.39	2.26	ppb
Lead	208-1	524.96	537.24	512.73	524.98	2.33	ppb
Lithium	6-1				89		%
Magnesium	24-2	247208.10	257566.65	251603.14	252125.96	2.06	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:52:57	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.10	1051.55	1025.03	1026.89	2.32	ppb
Molybdenum	94-1	2606.43	2641.75	2535.44	2594.54	2.09	ppb
Molybdenum	95-1	2597.26	2638.94	2533.21	2589.80	2.06	ppb
Molybdenum	96-1	2600.67	2634.76	2537.87	2591.10	1.90	ppb
Molybdenum	97-1	2618.15	2668.00	2525.51	2603.89	2.78	ppb
Molybdenum	98-1	2594.71	2648.20	2552.45	2598.46	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.90	543.47	526.02	530.46	2.16	ppb
Phosphorus	31-2	9311.85	10323.19	9132.92	9589.32	6.69	ppb
Potassium	39-2	124862.41	127775.33	124849.70	125829.15	1.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				76		%
Selenium	77-2	445.57	549.85	521.87	505.76	10.67	ppb
Selenium	78-2	512.47	486.18	463.59	487.41	5.02	ppb
Selenium	82-1	499.73	507.60	488.22	498.52	1.96	ppb
Silicon	28-1	524.51	533.21	511.17	522.96	2.12	ppb
Silver	109-1	490.10	503.39	485.81	493.10	1.86	ppb
Silver	107-1	492.64	504.66	480.26	492.52	2.48	ppb
Sodium	23-2	247565.29	257755.66	249335.25	251552.07	2.16	ppb
Strontium	86-1	507.18	514.92	498.16	506.75	1.66	ppb
Strontium	88-1	516.92	520.95	507.55	515.14	1.33	ppb
Sulfur	34-1	9619.49	9928.83	8846.32	9464.88	5.89	ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	524.04	538.77	506.45	523.09	3.09	ppb
Thallium	205-1	516.58	532.65	506.12	518.45	2.58	ppb
Tin	118-1	512.34	521.29	494.08	509.23	2.72	ppb
Titanium	47-1	2644.20	2690.80	2546.36	2627.12	2.81	ppb
Uranium	238-1	529.02	546.66	515.18	530.28	2.97	ppb
Vanadium	51-2	511.62	529.09	512.90	517.87	1.88	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	992.64	1038.59	1010.21	1013.81	2.29	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:52:57	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.55	521.16	506.12	515.94	1.65	ppb
Zirconium	91-1	516.08	520.18	508.37	514.88	1.17	ppb

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P8
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 14:02:48 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.94	0.96	0.48	0.17	594.19	ppb
Antimony	121-1	0.46	0.57	0.55	0.53	11.14	ppb
Arsenic	75-2	0.01	0.08	0.05	0.05	72.13	ppb
Barium	135-1	0.00	0.00	0.02	0.00	282.49	ppb
Barium	137-1	0.04	0.02	0.02	0.02	51.51	ppb
Beryllium	9-1	0.15	0.15	0.13	0.14	5.80	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	8.26	8.92	7.24	8.14	10.40	ppb
Boron	11-1	7.50	7.57	7.66	7.58	1.09	ppb
Cadmium	111-1	-0.05	-0.12	-0.07	-0.08		ppb
Cadmium	106-1	-0.79	-1.95	-1.15	-1.29		ppb
Cadmium	108-1	0.03	0.01	0.03	0.02	67.33	ppb
Calcium	43-1	-9.41	-7.51	-9.13	-8.68		ppb
Calcium	44-1	-9.54	-12.32	-10.46	-10.78		ppb
Chromium	52-2	0.19	0.01	0.01	0.07	147.38	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	114.98	ppb
Copper	63-2	0.12	0.03	0.07	0.07	61.80	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				110		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	1.34	1.24	1.12	1.23	9.07	ppb
Iron	57-2	2.63	1.43	0.89	1.65	53.97	ppb
Krypton	83-1	-460.17	816.74	1.22	119.27	542.14	ppb
Lead	206-1	0.04	0.04	0.05	0.04	13.22	ppb
Lead	207-1	0.05	0.02	0.03	0.03	53.15	ppb
Lead	208-1	0.04	0.03	0.04	0.04	12.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.47	2.70	0.85	2.34	57.59	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 14:02:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.08	0.01	-0.03		ppb
Molybdenum	94-1	0.25	0.26	0.31	0.27	11.65	ppb
Molybdenum	95-1	0.17	0.17	0.17	0.17	0.33	ppb
Molybdenum	96-1	0.19	0.23	0.18	0.20	12.52	ppb
Molybdenum	97-1	0.22	0.24	0.25	0.24	5.66	ppb
Molybdenum	98-1	0.18	0.23	0.19	0.20	13.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	46.25	ppb
Phosphorus	31-2	-2.50	-2.50	-2.50	-2.50		ppb
Potassium	39-2	-15.74	-12.14	-25.83	-17.90		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				88		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	0.08	-0.62	-0.15		ppb
Selenium	82-1	0.13	-0.31	0.15	-0.01		ppb
Silicon	28-1	-8.74	-9.11	-8.11	-8.65		ppb
Silver	109-1	0.04	0.04	0.04	0.04	2.44	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.45	ppb
Sodium	23-2	14.11	7.48	2.85	8.15	69.45	ppb
Strontium	86-1	0.00	0.03	0.03	0.02	74.02	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	337.35	ppb
Sulfur	34-1	-367.55	-376.00	-125.73	-289.76		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.13	0.12	0.13	10.65	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	5.34	ppb
Tin	118-1	0.04	0.02	0.03	0.03	21.41	ppb
Titanium	47-1	0.00	-0.01	0.02	0.01	263.20	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	10.51	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	66.81	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	0.15	0.13	0.33	0.21	53.84	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 14:02:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.09	0.07	0.07	28.06	ppb
Zirconium	91-1	0.06	0.06	0.11	0.08	37.52	ppb

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:04:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	8	23	14	53.94	cps
Antimony	121-1	192	200	183	192	4.35	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	25	17	50	31	56.77	cps
Beryllium	9-1	83	83	61	76	16.90	cps
Bismuth	209-1	4454427	4447414	4477130	4459657	0.35	cps
Bismuth	209-2	1342231	1323271	1375988	1347163	1.98	cps
Boron	10-1	242	233	192	222	12.05	cps
Boron	11-1	1042	850	892	928	10.87	cps
Cadmium	111-1	872	869	848	863	1.47	cps
Cadmium	106-1	1242	1242	1200	1228	1.96	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	550	483	383	472	17.76	cps
Calcium	44-1	15543	16101	16335	15993	2.55	cps
Chromium	52-2	480	437	450	456	4.87	cps
Cobalt	59-2	27	67	30	41	53.99	cps
Copper	63-2	387	410	420	406	4.22	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	6451939	6393042	6470397	6438459	0.63	cps
Holmium	165-2	1627384	1611683	1651507	1630191	1.23	cps
Indium	115-1	5275049	5244974	5216609	5245544	0.56	cps
Indium	115-2	282408	280815	285986	283070	0.94	cps
Iron	56-2	1256	1211	1239	1235	1.82	cps
Iron	57-2	61	33	22	39	51.51	cps
Krypton	83-1	330	333	363	342	5.37	cps
Lead	206-1	283	217	322	274	19.48	cps
Lead	207-1	250	250	206	235	10.91	cps
Lead	208-1	1150	928	1111	1063	11.16	cps
Lithium	6-1	1214368	1229964	1225573	1223302	0.66	cps
Magnesium	24-2	325	350	325	333	4.33	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:04:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	43	93	53	67.61	cps
Molybdenum	94-1	208	258	158	208	24.00	cps
Molybdenum	95-1	92	50	75	72	29.04	cps
Molybdenum	96-1	133	142	83	119	26.41	cps
Molybdenum	97-1	33	50	108	64	61.65	cps
Molybdenum	98-1	92	108	108	103	9.36	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	280	303	287	290	4.14	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3417	3201	3259	3292	3.41	cps
Rhodium	103-1	5061075	5064787	5104994	5076952	0.48	cps
Rhodium	103-2	1542202	1520821	1556900	1539974	1.18	cps
Scandium	45-1	3153913	3180093	3202435	3178814	0.76	cps
Scandium	45-2	31596	31288	30914	31266	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	45	35	3	28	78.66	cps
Silicon	28-1	216393	218092	215893	216793	0.53	cps
Silver	109-1	25	42	67	44	47.19	cps
Silver	107-1	58	83	58	67	21.65	cps
Sodium	23-2	9512	9720	9520	9584	1.23	cps
Strontium	86-1	617	533	675	608	11.71	cps
Strontium	88-1	117	167	183	156	22.30	cps
Sulfur	34-1	329092	328923	328906	328974	0.03	cps
Terbium	159-1	6694786	6711774	6749213	6718591	0.41	cps
Terbium	159-2	1618505	1560111	1621487	1600034	2.16	cps
Thallium	203-1	108	133	75	106	27.73	cps
Thallium	205-1	100	192	183	158	32.02	cps
Tin	118-1	1208	1033	917	1053	13.95	cps
Titanium	47-1	75	108	92	92	18.18	cps
Uranium	238-1	25	8	33	22	57.29	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	5548063	5586270	5575815	5570049	0.35	cps
Yttrium	89-2	213639	209524	213811	212325	1.14	cps
Zinc	66-2	157	120	157	144	14.66	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:04:36	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	508	533	600	547	8.66	cps
Zirconium	91-1	100	133	117	117	14.28	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:12:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	208	168	186	10.87	cps
Antimony	121-1	16744	17037	16403	16728	1.90	cps
Arsenic	75-2	152	120	131	135	11.86	cps
Barium	135-1	17821	18021	18097	17980	0.79	cps
Barium	137-1	31673	31839	30804	31438	1.77	cps
Beryllium	9-1	1367	1433	1517	1439	5.22	cps
Bismuth	209-1	4258622	4568525	4447193	4424780	3.53	cps
Bismuth	209-2	1337986	1353978	1390140	1360701	1.96	cps
Boron	10-1	3942	4092	4259	4098	3.87	cps
Boron	11-1	18821	19622	19856	19433	2.79	cps
Cadmium	111-1	2944	2952	2893	2930	1.09	cps
Cadmium	106-1	1484	1667	1600	1584	5.86	cps
Cadmium	108-1	142	104	146	131	17.58	cps
Calcium	43-1	9912	9846	10246	10001	2.14	cps
Calcium	44-1	175013	170998	172699	172903	1.17	cps
Chromium	52-2	2500	2690	2644	2611	3.79	cps
Cobalt	59-2	2244	2287	2170	2234	2.64	cps
Copper	63-2	3957	4057	3931	3982	1.68	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	83	58	56	52.68	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6262966	6667223	6503727	6477972	3.14	cps
Holmium	165-2	1645890	1661162	1698851	1668635	1.63	cps
Indium	115-1	5069838	5385613	5224843	5226764	3.02	cps
Indium	115-2	281845	282404	289309	284519	1.46	cps
Iron	56-2	36181	35518	36254	35984	1.13	cps
Iron	57-2	828	917	756	833	9.68	cps
Krypton	83-1	363	313	383	353	10.21	cps
Lead	206-1	6068	5846	6368	6094	4.30	cps
Lead	207-1	5618	5701	5568	5629	1.20	cps
Lead	208-1	24482	24643	25016	24714	1.11	cps
Lithium	6-1	1193998	1284385	1261180	1246521	3.77	cps
Magnesium	24-2	18304	18546	17987	18279	1.53	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:12:07	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373	353	350	359	3.52	cps
Molybdenum	94-1	14458	15276	15243	14992	3.09	cps
Molybdenum	95-1	18104	18488	18288	18294	1.05	cps
Molybdenum	96-1	20074	20959	20333	20455	2.22	cps
Molybdenum	97-1	11405	11080	11489	11325	1.91	cps
Molybdenum	98-1	28815	29433	28773	29007	1.27	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	907	900	923	910	1.32	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	13157	12723	12973	12951	1.68	cps
Rhodium	103-1	4832157	5112663	5110291	5018371	3.21	cps
Rhodium	103-2	1541614	1548909	1599442	1563322	2.01	cps
Scandium	45-1	3044000	3227311	3173005	3148105	2.99	cps
Scandium	45-2	30213	30627	31402	30747	1.96	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	19	17	7	14	41.92	cps
Selenium	82-1	544	723	559	608	16.28	cps
Silicon	28-1	274067	273232	273372	273557	0.16	cps
Silver	109-1	8970	9329	9412	9237	2.54	cps
Silver	107-1	9921	9529	9937	9796	2.36	cps
Sodium	23-2	50098	48860	49153	49370	1.31	cps
Strontium	86-1	2875	2984	2967	2942	1.98	cps
Strontium	88-1	20141	20517	20166	20274	1.04	cps
Sulfur	34-1	328980	326076	333032	329363	1.06	cps
Terbium	159-1	6619458	6991712	6799316	6803495	2.74	cps
Terbium	159-2	1591016	1600324	1646763	1612701	1.85	cps
Thallium	203-1	6952	6911	7052	6972	1.04	cps
Thallium	205-1	16353	16945	17246	16848	2.70	cps
Tin	118-1	30569	30636	30093	30433	0.97	cps
Titanium	47-1	5101	5160	5076	5112	0.84	cps
Uranium	238-1	22989	23106	23056	23050	0.25	cps
Vanadium	51-2	3404	3717	3450	3524	4.80	cps
Yttrium	89-1	5180077	5538636	5434246	5384320	3.43	cps
Yttrium	89-2	211594	209789	215995	212459	1.50	cps
Zinc	66-2	550	643	507	567	12.32	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:12:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11722	12064	11939	11908	1.45	cps
Zirconium	91-1	2667	2700	2667	2678	0.72	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:15:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7754	8059	8107	7973	2.40	cps
Antimony	121-1	429889	434194	438374	434152	0.98	cps
Arsenic	75-2	6129	6214	6465	6269	2.78	cps
Barium	135-1	468576	462482	465660	465573	0.65	cps
Barium	137-1	805217	807541	807761	806840	0.17	cps
Beryllium	9-1	72158	71421	71209	71596	0.70	cps
Bismuth	209-1	4535879	4439070	4538326	4504425	1.26	cps
Bismuth	209-2	1389748	1330867	1383184	1367933	2.36	cps
Boron	10-1	7611	8653	8394	8219	6.60	cps
Boron	11-1	38194	39756	40600	39517	3.09	cps
Cadmium	111-1	101246	101417	102128	101597	0.46	cps
Cadmium	106-1	11806	11681	12206	11897	2.31	cps
Cadmium	108-1	7390	7715	7398	7501	2.47	cps
Calcium	43-1	101650	101515	103725	102297	1.21	cps
Calcium	44-1	1684899	1675673	1669574	1676715	0.46	cps
Chromium	52-2	49735	50089	49484	49769	0.61	cps
Cobalt	59-2	105518	105431	106389	105780	0.50	cps
Copper	63-2	177689	179411	180630	179244	0.82	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	6612862	6483200	6704143	6600069	1.68	cps
Holmium	165-2	1690181	1628124	1666754	1661686	1.89	cps
Indium	115-1	5320093	5213985	5291586	5275221	1.04	cps
Indium	115-2	285840	278460	285479	283259	1.47	cps
Iron	56-2	1735119	1743076	1758722	1745639	0.69	cps
Iron	57-2	42253	42181	43150	42528	1.27	cps
Krypton	83-1	433	430	360	408	10.16	cps
Lead	206-1	295338	290241	292689	292756	0.87	cps
Lead	207-1	264124	264725	263251	264033	0.28	cps
Lead	208-1	1194631	1187082	1191061	1190925	0.32	cps
Lithium	6-1	1262395	1215125	1244623	1240714	1.92	cps
Magnesium	24-2	186002	185163	186636	185933	0.40	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 11:15:53 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29999	29969	30400	30123	0.80	cps
Molybdenum	94-1	751731	751783	748923	750812	0.22	cps
Molybdenum	95-1	930532	927956	925877	928122	0.25	cps
Molybdenum	96-1	1034553	1032986	1032675	1033405	0.10	cps
Molybdenum	97-1	575592	579473	572911	575992	0.57	cps
Molybdenum	98-1	1492887	1473217	1455479	1473861	1.27	cps
Neodymium	150-1	13	47	67	42	63.82	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	31339	32040	31345	31575	1.28	cps
Phosphorus	31-2	592	658	533	594	10.52	cps
Potassium	39-2	52984	54163	53795	53647	1.12	cps
Rhodium	103-1	5043549	4990743	5083187	5039160	0.92	cps
Rhodium	103-2	1586314	1505041	1561511	1550955	2.69	cps
Scandium	45-1	3150344	3096657	3191070	3146024	1.51	cps
Scandium	45-2	31218	29845	31071	30712	2.45	cps
Selenium	77-2	40	43	53	46	15.23	cps
Selenium	78-2	176	161	181	173	6.09	cps
Selenium	82-1	6071	6072	6182	6108	1.05	cps
Silicon	28-1	441382	439462	439321	440055	0.26	cps
Silver	109-1	467641	460153	458001	461932	1.10	cps
Silver	107-1	488258	483403	484321	485327	0.53	cps
Sodium	23-2	413293	420358	416863	416838	0.85	cps
Strontium	86-1	116763	117797	114980	116513	1.22	cps
Strontium	88-1	1018077	1023030	1014597	1018568	0.42	cps
Sulfur	34-1	361316	359501	358413	359743	0.41	cps
Terbium	159-1	6840916	6855766	6929517	6875400	0.69	cps
Terbium	159-2	1649352	1576557	1617808	1614572	2.26	cps
Thallium	203-1	359091	361000	361309	360467	0.33	cps
Thallium	205-1	868695	869230	867415	868447	0.11	cps
Tin	118-1	300881	299220	303813	301304	0.77	cps
Titanium	47-1	244948	245596	243474	244672	0.44	cps
Uranium	238-1	1152965	1141324	1152054	1148781	0.56	cps
Vanadium	51-2	36758	36257	36839	36618	0.86	cps
Yttrium	89-1	5421232	5372999	5439611	5411280	0.64	cps
Yttrium	89-2	213952	206509	215158	211873	2.21	cps
Zinc	66-2	17948	18042	17878	17956	0.46	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:15:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	614252	629250	631727	625076	1.51	cps
Zirconium	91-1	137732	141268	139541	139513	1.27	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:19:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19864	19639	20462	19988	2.13	cps
Antimony	121-1	1113847	1126595	1110279	1116907	0.77	cps
Arsenic	75-2	15531	15229	15138	15299	1.34	cps
Barium	135-1	1186149	1185378	1175475	1182334	0.50	cps
Barium	137-1	2072396	2088154	2083172	2081241	0.39	cps
Beryllium	9-1	178628	176080	175185	176631	1.01	cps
Bismuth	209-1	4648434	4607885	4600333	4618884	0.56	cps
Bismuth	209-2	1375078	1386300	1385801	1382393	0.46	cps
Boron	10-1	19973	19539	20298	19937	1.91	cps
Boron	11-1	93169	97565	96768	95834	2.44	cps
Cadmium	111-1	254541	254119	252606	253755	0.40	cps
Cadmium	106-1	28064	28197	27771	28011	0.78	cps
Cadmium	108-1	18183	17837	18471	18164	1.75	cps
Calcium	43-1	256590	256528	251220	254779	1.21	cps
Calcium	44-1	4104902	4156224	4049739	4103621	1.30	cps
Chromium	52-2	121000	120318	120486	120601	0.29	cps
Cobalt	59-2	256775	257961	258121	257619	0.29	cps
Copper	63-2	442986	441533	439553	441357	0.39	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	6661355	6746953	6736330	6714879	0.69	cps
Holmium	165-2	1682791	1696516	1692619	1690642	0.42	cps
Indium	115-1	5284744	5305107	5292095	5293982	0.19	cps
Indium	115-2	281277	281133	283754	282055	0.52	cps
Iron	56-2	4182567	4209963	4168983	4187171	0.50	cps
Iron	57-2	105042	104583	104494	104706	0.28	cps
Krypton	83-1	343	357	360	353	2.50	cps
Lead	206-1	739459	744566	747245	743757	0.53	cps
Lead	207-1	673803	681713	681076	678864	0.65	cps
Lead	208-1	3029213	3042015	3050100	3040443	0.35	cps
Lithium	6-1	1235024	1244158	1231939	1237041	0.51	cps
Magnesium	24-2	453717	453985	454579	454094	0.10	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:19:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73254	72614	72286	72718	0.68	cps
Molybdenum	94-1	1925007	1882961	1912325	1906764	1.13	cps
Molybdenum	95-1	2361576	2363443	2404422	2376480	1.02	cps
Molybdenum	96-1	2624431	2640108	2608725	2624421	0.60	cps
Molybdenum	97-1	1488975	1476640	1467195	1477603	0.74	cps
Molybdenum	98-1	3771406	3725995	3709226	3735542	0.86	cps
Neodymium	150-1	60	20	40	40	50.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	76767	77346	76616	76910	0.50	cps
Phosphorus	31-2	1408	1508	1433	1450	3.59	cps
Potassium	39-2	125581	124286	122076	123981	1.43	cps
Rhodium	103-1	5027451	5027567	5004711	5019910	0.26	cps
Rhodium	103-2	1522828	1544985	1538656	1535489	0.74	cps
Scandium	45-1	3158221	3151023	3149142	3152795	0.15	cps
Scandium	45-2	30002	30620	30887	30503	1.49	cps
Selenium	77-2	130	123	107	120	10.01	cps
Selenium	78-2	404	398	398	400	0.80	cps
Selenium	82-1	15671	15560	15638	15623	0.36	cps
Silicon	28-1	767832	771375	763846	767684	0.49	cps
Silver	109-1	1150769	1156830	1153701	1153766	0.26	cps
Silver	107-1	1222796	1208769	1218553	1216706	0.59	cps
Sodium	23-2	1015533	1011365	1013278	1013392	0.21	cps
Strontium	86-1	294472	288931	292313	291906	0.96	cps
Strontium	88-1	2620038	2574208	2591314	2595187	0.89	cps
Sulfur	34-1	404740	404903	406039	405227	0.17	cps
Terbium	159-1	6971527	7027880	7007491	7002299	0.41	cps
Terbium	159-2	1636604	1664629	1641322	1647518	0.91	cps
Thallium	203-1	913881	917422	923059	918121	0.50	cps
Thallium	205-1	2226630	2248343	2263455	2246143	0.82	cps
Tin	118-1	767043	764809	756818	762890	0.70	cps
Titanium	47-1	609825	613031	605075	609311	0.66	cps
Uranium	238-1	2971662	3015850	2996032	2994514	0.74	cps
Vanadium	51-2	90550	89151	90584	90095	0.91	cps
Yttrium	89-1	5528603	5468150	5452733	5483162	0.73	cps
Yttrium	89-2	210144	210360	209792	210099	0.14	cps
Zinc	66-2	44592	44097	44899	44529	0.91	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:19:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1633267	1596940	1601137	1610448	1.23	cps
Zirconium	91-1	352264	348161	351165	350530	0.61	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:23:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37358	37097	37245	37234	0.35	cps
Antimony	121-1	2254507	2278963	2262819	2265429	0.55	cps
Arsenic	75-2	29804	29507	29043	29452	1.30	cps
Barium	135-1	2375027	2398974	2390198	2388066	0.51	cps
Barium	137-1	4124171	4108672	4146721	4126521	0.46	cps
Beryllium	9-1	347702	346678	343318	345899	0.66	cps
Bismuth	209-1	4648865	4709135	4675300	4677767	0.65	cps
Bismuth	209-2	1348631	1343407	1366706	1352915	0.90	cps
Boron	10-1	37634	39815	39438	38962	2.99	cps
Boron	11-1	183737	188243	193916	188632	2.70	cps
Cadmium	111-1	510174	507941	506307	508140	0.38	cps
Cadmium	106-1	54059	52955	54361	53792	1.38	cps
Cadmium	108-1	36416	36115	36880	36470	1.06	cps
Calcium	43-1	493780	496504	492919	494401	0.38	cps
Calcium	44-1	7962237	7951294	7832106	7915213	0.91	cps
Chromium	52-2	229102	229059	226428	228196	0.67	cps
Cobalt	59-2	493653	491623	487778	491018	0.61	cps
Copper	63-2	838047	834513	832299	834953	0.35	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	8	50	33	66.15	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	25	50	75	50	50.00	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	6805360	6841320	6841288	6829323	0.30	cps
Holmium	165-2	1669512	1647952	1674667	1664043	0.85	cps
Indium	115-1	5269111	5352284	5194973	5272123	1.49	cps
Indium	115-2	267996	267241	267753	267663	0.14	cps
Iron	56-2	7995363	7823261	7807335	7875320	1.32	cps
Iron	57-2	199484	197012	195552	197349	1.01	cps
Krypton	83-1	430	377	357	388	9.78	cps
Lead	206-1	1514511	1516284	1524530	1518442	0.35	cps
Lead	207-1	1379939	1388250	1390255	1386148	0.39	cps
Lead	208-1	6295786	6300868	6308777	6301811	0.10	cps
Lithium	6-1	1217561	1229205	1215584	1220783	0.60	cps
Magnesium	24-2	853085	843631	842208	846308	0.70	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:23:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138037	135665	136620	136774	0.87	cps
Molybdenum	94-1	3809589	3775129	3783800	3789506	0.47	cps
Molybdenum	95-1	4695367	4710913	4668107	4691462	0.46	cps
Molybdenum	96-1	5228759	5291606	5256472	5258946	0.60	cps
Molybdenum	97-1	2950199	2927203	2963823	2947075	0.63	cps
Molybdenum	98-1	7377666	7382818	7437727	7399403	0.45	cps
Neodymium	150-1	107	40	120	89	48.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	145083	144262	141709	143685	1.22	cps
Phosphorus	31-2	2617	2542	2484	2548	2.62	cps
Potassium	39-2	228868	223648	225501	226006	1.17	cps
Rhodium	103-1	4959791	5092317	4940404	4997504	1.65	cps
Rhodium	103-2	1484754	1478248	1490185	1484396	0.40	cps
Scandium	45-1	3072699	3110341	3046697	3076579	1.04	cps
Scandium	45-2	28760	28472	27681	28304	1.97	cps
Selenium	77-2	147	240	253	213	27.24	cps
Selenium	78-2	769	713	693	725	5.42	cps
Selenium	82-1	30659	30820	30948	30809	0.47	cps
Silicon	28-1	1267384	1280819	1262481	1270228	0.75	cps
Silver	109-1	2389051	2371047	2352632	2370910	0.77	cps
Silver	107-1	2510445	2475369	2542308	2509374	1.33	cps
Sodium	23-2	1935467	1910758	1897983	1914736	1.00	cps
Strontium	86-1	583464	583841	577940	581748	0.57	cps
Strontium	88-1	5097069	5134905	5068707	5100227	0.65	cps
Sulfur	34-1	466399	462920	461406	463575	0.55	cps
Terbium	159-1	7050765	7135510	7013581	7066619	0.88	cps
Terbium	159-2	1618695	1591388	1606441	1605508	0.85	cps
Thallium	203-1	1953717	1911941	1928109	1931256	1.09	cps
Thallium	205-1	4593336	4641204	4651703	4628747	0.67	cps
Tin	118-1	1526126	1540325	1540383	1535611	0.53	cps
Titanium	47-1	1203287	1196837	1186840	1195655	0.69	cps
Uranium	238-1	6211508	6159699	6211845	6194351	0.48	cps
Vanadium	51-2	169565	168280	168920	168922	0.38	cps
Yttrium	89-1	5459578	5485980	5369537	5438365	1.12	cps
Yttrium	89-2	201814	199318	199916	200349	0.65	cps
Zinc	66-2	85330	84254	83841	84475	0.91	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:23:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3203133	3201460	3166400	3190331	0.65	cps
Zirconium	91-1	696702	699637	698099	698146	0.21	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:26:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68010	68551	68576	68379	0.47	cps
Antimony	121-1	4480304	4499815	4493429	4491183	0.22	cps
Arsenic	75-2	55360	55150	54868	55126	0.45	cps
Barium	135-1	4725560	4737271	4805108	4755980	0.90	cps
Barium	137-1	8310811	8202834	8348086	8287244	0.91	cps
Beryllium	9-1	663127	658495	660640	660754	0.35	cps
Bismuth	209-1	4949596	4867379	4684356	4833777	2.81	cps
Bismuth	209-2	1331660	1326592	1318556	1325603	0.50	cps
Boron	10-1	74536	76788	74485	75270	1.75	cps
Boron	11-1	356841	365741	371485	364689	2.02	cps
Cadmium	111-1	997216	1007106	1011322	1005215	0.72	cps
Cadmium	106-1	103127	104394	106771	104764	1.77	cps
Cadmium	108-1	72666	72234	72875	72592	0.45	cps
Calcium	43-1	953945	948545	944309	948933	0.51	cps
Calcium	44-1	15441337	15291738	15239519	15324198	0.68	cps
Chromium	52-2	427426	425305	424385	425705	0.37	cps
Cobalt	59-2	917406	914215	915893	915838	0.17	cps
Copper	63-2	1565019	1576793	1556706	1566173	0.64	cps
Dysprosium	156-1	100	42	17	53	81.02	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	58	33	0	31	95.79	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	50	58	83	64	27.15	cps
Gadolinium	160-2	17	30	10	19	53.91	cps
Holmium	165-1	7068513	7077151	6583795	6909820	4.09	cps
Holmium	165-2	1618038	1647221	1594787	1620015	1.62	cps
Indium	115-1	5347529	5260819	4967794	5192047	3.83	cps
Indium	115-2	253631	251705	249290	251542	0.86	cps
Iron	56-2	14758390	14749004	14797118	14768170	0.17	cps
Iron	57-2	373374	370173	371083	371543	0.44	cps
Krypton	83-1	327	420	387	378	12.52	cps
Lead	206-1	3218768	3176744	3192378	3195964	0.66	cps
Lead	207-1	2953963	2930870	2991082	2958639	1.03	cps
Lead	208-1	13099866	13045508	13214905	13120093	0.66	cps
Lithium	6-1	1224069	1207068	1124792	1185309	4.48	cps
Magnesium	24-2	1641205	1612830	1628105	1627380	0.87	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:26:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253421	254150	254652	254074	0.24	cps
Molybdenum	94-1	7461733	7331217	7461418	7418123	1.01	cps
Molybdenum	95-1	9189641	9140105	9206001	9178583	0.37	cps
Molybdenum	96-1	10268851	10284786	10226615	10260084	0.29	cps
Molybdenum	97-1	5803454	5753669	5801078	5786067	0.49	cps
Molybdenum	98-1	14590323	14575465	14753849	14639879	0.68	cps
Neodymium	150-1	207	200	247	218	11.59	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	271502	270607	270179	270763	0.25	cps
Phosphorus	31-2	4526	4784	5101	4804	6.00	cps
Potassium	39-2	415289	410571	410961	412273	0.64	cps
Rhodium	103-1	4934901	4873830	4613111	4807281	3.56	cps
Rhodium	103-2	1429359	1431138	1401499	1420665	1.17	cps
Scandium	45-1	3043296	2989600	2811838	2948244	4.11	cps
Scandium	45-2	26672	27404	25871	26649	2.88	cps
Selenium	77-2	380	367	380	376	2.05	cps
Selenium	78-2	1402	1326	1306	1345	3.78	cps
Selenium	82-1	60383	59806	59609	59932	0.67	cps
Silicon	28-1	2175806	2181955	2161022	2172928	0.50	cps
Silver	109-1	4573002	4579274	4666000	4606092	1.13	cps
Silver	107-1	4858673	4817036	4863694	4846468	0.53	cps
Sodium	23-2	3578275	3542771	3504293	3541780	1.04	cps
Strontium	86-1	1142519	1139804	1138660	1140328	0.17	cps
Strontium	88-1	9940664	9960508	9928944	9943372	0.16	cps
Sulfur	34-1	577078	572715	563974	571256	1.17	cps
Terbium	159-1	7269631	7244122	6828075	7113943	3.48	cps
Terbium	159-2	1585854	1587924	1549742	1574507	1.36	cps
Thallium	203-1	3967048	3953544	3980173	3966922	0.34	cps
Thallium	205-1	9399768	9573085	9397347	9456733	1.07	cps
Tin	118-1	3080149	3103398	3097841	3093796	0.39	cps
Titanium	47-1	2334427	2337884	2296423	2322911	0.99	cps
Uranium	238-1	12911366	13030710	13177493	13039856	1.02	cps
Vanadium	51-2	314683	315884	313510	314693	0.38	cps
Yttrium	89-1	5472750	5436472	5085278	5331500	4.01	cps
Yttrium	89-2	190727	191980	187102	189936	1.33	cps
Zinc	66-2	157678	159411	158125	158405	0.57	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:26:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6358792	6237185	6253395	6283124	1.05	cps
Zirconium	91-1	1388867	1374620	1384470	1382652	0.53	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 11:30:17 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132812	133773	133841	133475	0.43	cps
Antimony	121-1	8869611	8899883	8992891	8920795	0.72	cps
Arsenic	75-2	106857	107499	107034	107130	0.31	cps
Barium	135-1	9497984	9506581	9524110	9509558	0.14	cps
Barium	137-1	16452164	16541956	16690056	16561392	0.73	cps
Beryllium	9-1	1290711	1293674	1304824	1296403	0.57	cps
Bismuth	209-1	5005040	5056988	4982872	5014967	0.76	cps
Bismuth	209-2	1312427	1316567	1239085	1289359	3.38	cps
Boron	10-1	147962	149582	151575	149706	1.21	cps
Boron	11-1	707884	723155	727300	719446	1.42	cps
Cadmium	111-1	2023378	2049106	2053856	2042113	0.80	cps
Cadmium	106-1	209502	206829	206584	207638	0.78	cps
Cadmium	108-1	141937	143149	143870	142985	0.68	cps
Calcium	43-1	1872503	1882286	1876024	1876938	0.26	cps
Calcium	44-1	29829937	29872441	29715256	29805878	0.27	cps
Chromium	52-2	828499	822590	828755	826614	0.42	cps
Cobalt	59-2	1811852	1807552	1798076	1805827	0.39	cps
Copper	63-2	3036980	3046417	3034808	3039402	0.20	cps
Dysprosium	156-1	192	75	133	133	43.75	cps
Dysprosium	156-2	20	13	7	13	49.99	cps
Erbium	164-1	42	100	58	67	45.07	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	142	67	117	108	35.25	cps
Gadolinium	160-2	17	27	30	24	28.38	cps
Holmium	165-1	7229064	7307223	7216662	7250983	0.68	cps
Holmium	165-2	1633117	1628445	1558474	1606679	2.60	cps
Indium	115-1	5228436	5290017	5274122	5264192	0.61	cps
Indium	115-2	244031	243150	231591	239591	2.90	cps
Iron	56-2	28776128	28711774	28774608	28754170	0.13	cps
Iron	57-2	719440	718982	725394	721272	0.50	cps
Krypton	83-1	327	350	327	334	4.03	cps
Lead	206-1	6443781	6429341	6509051	6460724	0.66	cps
Lead	207-1	5964162	5905561	6000250	5956657	0.80	cps
Lead	208-1	26480204	26486086	26466901	26477731	0.04	cps
Lithium	6-1	1176411	1192796	1179421	1182876	0.74	cps
Magnesium	24-2	3135713	3111932	3122495	3123380	0.38	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:30:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	491065	495464	494333	493621	0.46	cps
Molybdenum	94-1	14705882	14791643	14720019	14739181	0.31	cps
Molybdenum	95-1	18296322	18306676	18418078	18340359	0.37	cps
Molybdenum	96-1	20532737	20493218	20520056	20515337	0.10	cps
Molybdenum	97-1	11447564	11524446	11558810	11510273	0.49	cps
Molybdenum	98-1	29180826	29306966	29212890	29233561	0.22	cps
Neodymium	150-1	427	453	447	442	3.14	cps
Neodymium	150-2	20	10	13	14	35.26	cps
Nickel	60-2	517423	515633	520693	517916	0.50	cps
Phosphorus	31-2	9495	9203	9320	9340	1.57	cps
Potassium	39-2	792328	786821	790225	789792	0.35	cps
Rhodium	103-1	4855213	4966707	4849868	4890596	1.35	cps
Rhodium	103-2	1382293	1392658	1327877	1367610	2.54	cps
Scandium	45-1	2913097	2962464	2880515	2918692	1.41	cps
Scandium	45-2	25684	25754	24371	25270	3.08	cps
Selenium	77-2	743	740	760	748	1.43	cps
Selenium	78-2	2647	2522	2513	2561	2.91	cps
Selenium	82-1	117789	117593	117016	117466	0.34	cps
Silicon	28-1	3615593	3587759	3623734	3609028	0.52	cps
Silver	109-1	9006162	9050719	9036100	9030994	0.25	cps
Silver	107-1	9492591	9479103	9485542	9485745	0.07	cps
Sodium	23-2	6795137	6736833	6774386	6768785	0.44	cps
Strontium	86-1	2287931	2271027	2276039	2278332	0.38	cps
Strontium	88-1	19846995	19704984	19674950	19742310	0.47	cps
Sulfur	34-1	817417	809380	809101	811966	0.58	cps
Terbium	159-1	7392682	7474198	7398968	7421950	0.61	cps
Terbium	159-2	1580159	1571186	1492040	1547795	3.13	cps
Thallium	203-1	7975642	7995381	8013054	7994692	0.23	cps
Thallium	205-1	19223322	19174990	19311423	19236579	0.36	cps
Tin	118-1	6082450	6097964	6172518	6117644	0.79	cps
Titanium	47-1	4431274	4424628	4419667	4425190	0.13	cps
Uranium	238-1	27224379	26990276	27230819	27148491	0.50	cps
Vanadium	51-2	616533	612231	619140	615968	0.57	cps
Yttrium	89-1	5432628	5459451	5395663	5429247	0.59	cps
Yttrium	89-2	187086	185500	179103	183896	2.30	cps
Zinc	66-2	304815	302780	302880	303492	0.38	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:30:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12401667	12384723	12368181	12384857	0.14	cps
Zirconium	91-1	2803415	2840701	2805134	2816417	0.75	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720050	727532	731795	726459	0.82	cps
Antimony	121-1	25684	24991	23780	24818	3.88	cps
Arsenic	75-2	187	200	191	193	3.47	cps
Barium	135-1	2459	2067	2325	2284	8.72	cps
Barium	137-1	4276	3951	4326	4184	4.87	cps
Beryllium	9-1	906	806	783	832	7.83	cps
Bismuth	209-1	4620228	4604179	4665731	4630046	0.69	cps
Bismuth	209-2	1236143	1250562	1175430	1220712	3.27	cps
Boron	10-1	6485	6352	5518	6118	8.57	cps
Boron	11-1	32830	29924	27744	30166	8.46	cps
Cadmium	111-1	1152	1209	1334	1232	7.58	cps
Cadmium	106-1	1133	1208	1450	1264	13.09	cps
Cadmium	108-1	42	29	50	40	26.03	cps
Calcium	43-1	9316232	9413623	9531829	9420561	1.15	cps
Calcium	44-1	150725770	151622333	152512120	151620074	0.59	cps
Chromium	52-2	47059	47504	47450	47338	0.51	cps
Cobalt	59-2	23901	23390	24028	23773	1.42	cps
Copper	63-2	7342	7752	7809	7634	3.34	cps
Dysprosium	156-1	108	92	100	100	8.33	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	42	83	50	58	37.80	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	100	142	150	131	20.52	cps
Gadolinium	160-2	20	30	13	21	39.75	cps
Holmium	165-1	7011076	6983417	7032531	7009008	0.35	cps
Holmium	165-2	1647171	1668934	1581643	1632583	2.78	cps
Indium	115-1	5117282	5137614	5088171	5114356	0.49	cps
Indium	115-2	254255	260594	243508	252786	3.42	cps
Iron	56-2	146720398	148146342	148714087	147860276	0.69	cps
Iron	57-2	3684693	3765194	3748026	3732638	1.14	cps
Krypton	83-1	377	367	340	361	5.25	cps
Lead	206-1	6652	6908	6780	6780	1.89	cps
Lead	207-1	5574	5840	5857	5757	2.76	cps
Lead	208-1	26384	26645	26222	26417	0.81	cps
Lithium	6-1	1163464	1161177	1158173	1160938	0.23	cps
Magnesium	24-2	16060657	16051162	16262826	16124882	0.74	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4257	4091	3887	4078	4.54	cps
Molybdenum	94-1	21059	21151	20366	20859	2.06	cps
Molybdenum	95-1	34035	34177	33534	33915	1.00	cps
Molybdenum	96-1	38664	37854	38522	38347	1.13	cps
Molybdenum	97-1	21151	21726	20875	21251	2.04	cps
Molybdenum	98-1	53992	54528	53573	54031	0.89	cps
Neodymium	150-1	93	100	120	104	13.28	cps
Neodymium	150-2	27	10	7	14	74.18	cps
Nickel	60-2	22946	23754	24171	23624	2.64	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4252065	4314284	4311757	4292702	0.82	cps
Rhodium	103-1	4635113	4608905	4629473	4624497	0.30	cps
Rhodium	103-2	1356667	1376021	1302416	1345035	2.84	cps
Scandium	45-1	2908424	2926592	2954587	2929867	0.79	cps
Scandium	45-2	27029	27697	26315	27014	2.56	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	131	140	128	133	4.56	cps
Silicon	28-1	299592	303483	303806	302294	0.78	cps
Silver	109-1	1317	1025	1067	1136	13.89	cps
Silver	107-1	1300	1133	1042	1158	11.31	cps
Sodium	23-2	35434290	35638213	35963565	35678690	0.75	cps
Strontium	86-1	11305	11222	11397	11308	0.77	cps
Strontium	88-1	92748	92211	93411	92790	0.65	cps
Sulfur	34-1	295716	295752	296978	296149	0.24	cps
Terbium	159-1	7238604	7236411	7209336	7228117	0.23	cps
Terbium	159-2	1574755	1607222	1498870	1560282	3.56	cps
Thallium	203-1	4601	4143	3776	4173	9.91	cps
Thallium	205-1	10029	9604	8887	9507	6.07	cps
Tin	118-1	14850	15151	15301	15101	1.52	cps
Titanium	47-1	1325	1392	1600	1439	9.97	cps
Uranium	238-1	4976	5243	4559	4926	6.99	cps
Vanadium	51-2	397	337	383	372	8.46	cps
Yttrium	89-1	5250847	5264264	5344478	5286530	0.96	cps
Yttrium	89-2	194415	199510	189551	194492	2.56	cps
Zinc	66-2	2387	2364	2470	2407	2.33	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:33:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5260	4859	5135	5085	4.03	cps
Zirconium	91-1	1283	1133	1367	1261	9.38	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:42:13	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3684	3741	3549	3658	2.70	cps
Antimony	121-1	1755378	1768895	1784882	1769718	0.83	cps
Arsenic	75-2	23144	23203	23160	23169	0.13	cps
Barium	135-1	186082	188617	187933	187544	0.70	cps
Barium	137-1	324999	326160	325714	325624	0.18	cps
Beryllium	9-1	134870	136189	134645	135235	0.62	cps
Bismuth	209-1	4955645	4900504	4882846	4912998	0.77	cps
Bismuth	209-2	1391420	1381424	1320881	1364575	2.80	cps
Boron	10-1	94327	94284	92741	93784	0.96	cps
Boron	11-1	446854	450542	450638	449345	0.48	cps
Cadmium	111-1	207932	210722	212234	210296	1.04	cps
Cadmium	106-1	34905	36166	35540	35537	1.78	cps
Cadmium	108-1	19222	19247	19456	19309	0.66	cps
Calcium	43-1	41772	41496	43268	42178	2.26	cps
Calcium	44-1	674084	678174	673708	675322	0.37	cps
Chromium	52-2	90614	89832	89645	90030	0.57	cps
Cobalt	59-2	198682	195960	198018	197553	0.72	cps
Copper	63-2	170072	168001	167550	168541	0.80	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	100	61	56.78	cps
Erbium	164-2	10	3	20	11	75.52	cps
Gadolinium	160-1	50	100	42	64	49.39	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	7111290	7029160	6956553	7032334	1.10	cps
Holmium	165-2	1696311	1687112	1601924	1661782	3.13	cps
Indium	115-1	5422728	5402389	5414936	5413351	0.19	cps
Indium	115-2	271631	271206	258885	267241	2.71	cps
Iron	56-2	636197	635182	630409	633929	0.49	cps
Iron	57-2	15820	15932	15965	15906	0.48	cps
Krypton	83-1	420	453	403	426	5.98	cps
Lead	206-1	1248204	1267407	1265139	1260250	0.83	cps
Lead	207-1	1104696	1104572	1119170	1109479	0.76	cps
Lead	208-1	5099503	5130644	5166135	5132094	0.65	cps
Lithium	6-1	1283536	1272701	1269305	1275180	0.58	cps
Magnesium	24-2	42264	41955	41127	41782	1.41	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:42:13	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26375	26652	26085	26371	1.08	cps
Molybdenum	94-1	3304683	3322193	3349378	3325418	0.68	cps
Molybdenum	95-1	1896419	1887751	1882060	1888743	0.38	cps
Molybdenum	96-1	2423439	2419360	2408807	2417202	0.31	cps
Molybdenum	97-1	1148974	1161029	1157900	1155968	0.54	cps
Molybdenum	98-1	2973161	3002869	2985752	2987261	0.50	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	59312	57940	58429	58560	1.19	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	38922	38428	38270	38540	0.88	cps
Rhodium	103-1	5208102	5204138	5132240	5181493	0.82	cps
Rhodium	103-2	1574291	1526824	1443688	1514935	4.36	cps
Scandium	45-1	3170900	3141462	3115993	3142785	0.87	cps
Scandium	45-2	29611	29414	28028	29018	2.97	cps
Selenium	77-2	150	127	140	139	8.43	cps
Selenium	78-2	544	565	582	564	3.29	cps
Selenium	82-1	24417	24113	24557	24363	0.93	cps
Silicon	28-1	2033374	2069045	2035700	2046039	0.98	cps
Silver	109-1	807396	811326	814370	811031	0.43	cps
Silver	107-1	862188	860775	862615	861859	0.11	cps
Sodium	23-2	163285	161330	160073	161563	1.00	cps
Strontium	86-1	1155537	1155098	1159660	1156765	0.22	cps
Strontium	88-1	10070180	10137959	10084366	10097501	0.35	cps
Sulfur	34-1	318211	316206	313371	315929	0.77	cps
Terbium	159-1	7387833	7322657	7162865	7291119	1.59	cps
Terbium	159-2	1647678	1606919	1538838	1597812	3.44	cps
Thallium	203-1	1545689	1562182	1573088	1560320	0.88	cps
Thallium	205-1	3772881	3819602	3831839	3808108	0.82	cps
Tin	118-1	3067543	3061663	3120993	3083400	1.06	cps
Titanium	47-1	475363	469444	472941	472583	0.63	cps
Uranium	238-1	12677724	12501635	12778487	12652615	1.11	cps
Vanadium	51-2	66916	67016	67046	66993	0.10	cps
Yttrium	89-1	5657904	5630296	5539578	5609259	1.10	cps
Yttrium	89-2	206490	203672	194883	201682	3.00	cps
Zinc	66-2	33568	33945	33507	33673	0.70	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:42:13	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6247545	6273958	6281549	6267684	0.28	cps
Zirconium	91-1	1374841	1372667	1381288	1376265	0.33	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:49:48	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168	188	145	167	12.76	cps
Antimony	121-1	19999	19465	19857	19774	1.40	cps
Arsenic	75-2	131	98	133	121	16.37	cps
Barium	135-1	18172	18722	18881	18592	2.00	cps
Barium	137-1	33493	31915	32825	32744	2.42	cps
Beryllium	9-1	1511	1672	1561	1582	5.21	cps
Bismuth	209-1	4728063	4762726	4871342	4787377	1.56	cps
Bismuth	209-2	1387399	1361099	1370269	1372922	0.97	cps
Boron	10-1	4751	4943	5485	5059	7.52	cps
Boron	11-1	23528	24238	24196	23988	1.66	cps
Cadmium	111-1	2747	2922	2964	2878	4.00	cps
Cadmium	106-1	1392	1475	1358	1408	4.27	cps
Cadmium	108-1	188	88	142	139	36.04	cps
Calcium	43-1	10129	9812	9929	9957	1.61	cps
Calcium	44-1	169799	169445	171765	170336	0.73	cps
Chromium	52-2	2517	2460	2407	2461	2.24	cps
Cobalt	59-2	2100	2127	2020	2082	2.67	cps
Copper	63-2	4007	3904	4057	3990	1.96	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	8	33	66.15	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	58	25	25	36	53.30	cps
Gadolinium	160-2	10	23	10	14	53.28	cps
Holmium	165-1	6663264	6888449	6897404	6816372	1.95	cps
Holmium	165-2	1691005	1631497	1682546	1668350	1.93	cps
Indium	115-1	5229196	5380011	5361009	5323405	1.54	cps
Indium	115-2	279107	274132	273830	275690	1.07	cps
Iron	56-2	35212	34799	35323	35111	0.79	cps
Iron	57-2	989	967	833	930	9.05	cps
Krypton	83-1	363	383	377	374	2.72	cps
Lead	206-1	7464	7108	6680	7084	5.54	cps
Lead	207-1	6196	5990	6302	6163	2.57	cps
Lead	208-1	28836	28247	27284	28122	2.78	cps
Lithium	6-1	1188156	1243337	1243719	1225071	2.61	cps
Magnesium	24-2	17904	18730	17745	18126	2.92	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:49:48	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	380	300	353	344	11.83	cps
Molybdenum	94-1	16344	16703	16077	16374	1.92	cps
Molybdenum	95-1	19632	19665	18296	19198	4.07	cps
Molybdenum	96-1	22002	20091	21526	21206	4.69	cps
Molybdenum	97-1	12381	12139	11697	12073	2.87	cps
Molybdenum	98-1	31012	30694	31579	31095	1.44	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	953	927	943	941	1.43	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	12690	12698	11964	12450	3.38	cps
Rhodium	103-1	5016698	5080383	5155285	5084122	1.36	cps
Rhodium	103-2	1573294	1531931	1566900	1557375	1.43	cps
Scandium	45-1	3036647	3096425	3116311	3083128	1.34	cps
Scandium	45-2	30480	29134	28576	29396	3.33	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	17	20	13	17	22.23	cps
Selenium	82-1	592	688	574	618	9.94	cps
Silicon	28-1	249338	250424	245599	248454	1.02	cps
Silver	109-1	10421	9479	9796	9899	4.84	cps
Silver	107-1	10530	10755	9721	10335	5.26	cps
Sodium	23-2	49897	49136	49638	49557	0.78	cps
Strontium	86-1	2959	2675	3167	2934	8.41	cps
Strontium	88-1	21217	20875	20875	20989	0.94	cps
Sulfur	34-1	306660	306199	308364	307074	0.37	cps
Terbium	159-1	6910401	7106567	7124775	7047248	1.69	cps
Terbium	159-2	1638665	1592399	1610693	1613919	1.44	cps
Thallium	203-1	8612	8395	8086	8364	3.16	cps
Thallium	205-1	20234	19858	19065	19719	3.03	cps
Tin	118-1	32724	31914	32090	32243	1.32	cps
Titanium	47-1	4376	4426	5001	4601	7.55	cps
Uranium	238-1	25252	25252	24984	25163	0.61	cps
Vanadium	51-2	3551	3284	3390	3408	3.94	cps
Yttrium	89-1	5337015	5480439	5505919	5441124	1.67	cps
Yttrium	89-2	205047	202541	206199	204596	0.91	cps
Zinc	66-2	577	527	630	578	8.94	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:49:48	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14884	15626	14458	14989	3.94	cps
Zirconium	91-1	3184	3251	3151	3195	1.59	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 11:55:53 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	20	10	15	33.36	cps
Antimony	121-1	842	1167	1075	1028	16.30	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	50	58	117	75	48.43	cps
Barium	137-1	92	142	183	139	33.05	cps
Beryllium	9-1	239	283	172	231	24.16	cps
Bismuth	209-1	4881249	4932894	4776351	4863498	1.64	cps
Bismuth	209-2	1376665	1391690	1357491	1375282	1.25	cps
Boron	10-1	1158	1142	1200	1167	2.58	cps
Boron	11-1	5701	5393	5426	5507	3.07	cps
Cadmium	111-1	777	850	920	849	8.44	cps
Cadmium	106-1	1100	1192	1275	1189	7.36	cps
Cadmium	108-1	8	25	8	14	69.31	cps
Calcium	43-1	425	400	533	453	15.65	cps
Calcium	44-1	13674	14859	14508	14347	4.24	cps
Chromium	52-2	447	510	473	477	6.67	cps
Cobalt	59-2	90	60	70	73	20.83	cps
Copper	63-2	453	370	393	406	10.60	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6933659	6903403	6884708	6907257	0.36	cps
Holmium	165-2	1666194	1710070	1673943	1683402	1.39	cps
Indium	115-1	5384620	5426363	5404030	5405004	0.39	cps
Indium	115-2	275664	278108	272659	275477	0.99	cps
Iron	56-2	2261	2373	2011	2215	8.35	cps
Iron	57-2	28	56	33	39	37.80	cps
Krypton	83-1	333	380	403	372	9.58	cps
Lead	206-1	567	583	589	580	2.00	cps
Lead	207-1	461	511	539	504	7.83	cps
Lead	208-1	2545	2339	2389	2424	4.42	cps
Lithium	6-1	1220628	1259581	1236871	1239027	1.58	cps
Magnesium	24-2	525	467	533	508	7.15	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:55:53	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	43	37	42	12.06	cps
Molybdenum	94-1	567	550	592	569	3.68	cps
Molybdenum	95-1	342	358	408	369	9.39	cps
Molybdenum	96-1	475	417	675	522	25.95	cps
Molybdenum	97-1	150	367	283	267	40.98	cps
Molybdenum	98-1	600	592	700	631	9.56	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	287	267	267	273	4.23	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3192	3209	2892	3098	5.75	cps
Rhodium	103-1	5058002	5132852	5068523	5086459	0.80	cps
Rhodium	103-2	1547752	1584577	1540168	1557499	1.53	cps
Scandium	45-1	3090695	3137975	3046706	3091792	1.48	cps
Scandium	45-2	29705	29849	28763	29439	2.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	52	20	-18	18	195.86	cps
Silicon	28-1	191559	190107	190885	190851	0.38	cps
Silver	109-1	33	142	117	97	58.34	cps
Silver	107-1	125	117	142	128	9.96	cps
Sodium	23-2	10121	9946	10404	10157	2.28	cps
Strontium	86-1	658	617	600	625	4.81	cps
Strontium	88-1	200	308	325	278	24.43	cps
Sulfur	34-1	315614	315269	318157	316347	0.50	cps
Terbium	159-1	7032178	7137864	7065852	7078631	0.76	cps
Terbium	159-2	1629127	1646840	1602439	1626135	1.37	cps
Thallium	203-1	467	508	558	511	8.98	cps
Thallium	205-1	967	992	1142	1033	9.16	cps
Tin	118-1	1258	1325	1642	1408	14.54	cps
Titanium	47-1	133	92	158	128	26.36	cps
Uranium	238-1	50	175	342	189	77.47	cps
Vanadium	51-2	20	10	7	12	56.76	cps
Yttrium	89-1	5379070	5538411	5410286	5442589	1.55	cps
Yttrium	89-2	204913	207277	201720	204636	1.36	cps
Zinc	66-2	133	137	163	144	11.38	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:55:53	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	767	983	1108	953	18.14	cps
Zirconium	91-1	142	167	150	153	8.33	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:59:16	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	632338	626378	631421	630046	0.51	cps
Antimony	121-1	10404	10371	11130	10635	4.03	cps
Arsenic	75-2	28	46	30	35	29.51	cps
Barium	135-1	2742	2634	2759	2712	2.50	cps
Barium	137-1	4701	4901	4784	4796	2.10	cps
Beryllium	9-1	661	517	644	607	13.01	cps
Bismuth	209-1	4744672	4783519	4580519	4702903	2.29	cps
Bismuth	209-2	1280124	1296491	1279078	1285231	0.76	cps
Boron	10-1	1367	1250	1200	1272	6.72	cps
Boron	11-1	6002	6602	6085	6229	5.22	cps
Cadmium	111-1	1325	1351	1561	1412	9.17	cps
Cadmium	106-1	1033	1133	1217	1128	8.14	cps
Cadmium	108-1	1046	1150	1100	1099	4.74	cps
Calcium	43-1	1857469	1861606	1841545	1853540	0.57	cps
Calcium	44-1	29257854	29375349	29414478	29349227	0.28	cps
Chromium	52-2	17021	16457	16940	16806	1.82	cps
Cobalt	59-2	2200	2250	1980	2144	6.70	cps
Copper	63-2	12326	12042	12032	12133	1.37	cps
Dysprosium	156-1	58	33	33	42	34.65	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	42	92	58	64	39.85	cps
Erbium	164-2	20	3	17	13	66.16	cps
Gadolinium	160-1	58	33	58	50	28.88	cps
Gadolinium	160-2	13	3	13	10	57.75	cps
Holmium	165-1	6944086	7019180	6681369	6881545	2.58	cps
Holmium	165-2	1638455	1659580	1625535	1641190	1.05	cps
Indium	115-1	5217007	5241638	5083499	5180715	1.64	cps
Indium	115-2	256634	257119	253257	255670	0.82	cps
Iron	56-2	57939024	57928136	57874074	57913744	0.06	cps
Iron	57-2	1484739	1475511	1453262	1471171	1.10	cps
Krypton	83-1	333	410	400	381	10.94	cps
Lead	206-1	30058	30883	30615	30519	1.38	cps
Lead	207-1	25076	24341	23918	24445	2.40	cps
Lead	208-1	116493	115422	114028	115314	1.07	cps
Lithium	6-1	1195973	1163422	1123125	1160840	3.14	cps
Magnesium	24-2	3166285	3127642	3150820	3148249	0.62	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:59:16	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1894	1904	1964	1920	1.97	cps
Molybdenum	94-1	3998111	3992025	3992527	3994221	0.08	cps
Molybdenum	95-1	7046927	7003684	7032691	7027767	0.31	cps
Molybdenum	96-1	7588109	7519324	7583593	7563675	0.51	cps
Molybdenum	97-1	4447575	4429261	4431417	4436084	0.23	cps
Molybdenum	98-1	11183752	11129300	11213618	11175557	0.38	cps
Neodymium	150-1	60	40	47	49	20.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3110	3104	3087	3100	0.39	cps
Phosphorus	31-2	45240	45508	45574	45441	0.39	cps
Potassium	39-2	1653239	1624876	1645549	1641222	0.89	cps
Rhodium	103-1	4837375	4787542	4643831	4756250	2.11	cps
Rhodium	103-2	1417279	1431036	1417828	1422048	0.55	cps
Scandium	45-1	2944803	2918809	2855501	2906371	1.58	cps
Scandium	45-2	26285	27123	27076	26828	1.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	63	-4	-33	9	573.92	cps
Silicon	28-1	287474	289915	291707	289698	0.73	cps
Silver	109-1	325	533	717	525	37.33	cps
Silver	107-1	575	608	650	611	6.15	cps
Sodium	23-2	6947678	6915007	6926926	6929870	0.24	cps
Strontium	86-1	75501	75542	75660	75568	0.11	cps
Strontium	88-1	660419	652729	653728	655625	0.64	cps
Sulfur	34-1	2443082	2433301	2457656	2444680	0.50	cps
Terbium	159-1	7205772	7179583	6992252	7125869	1.63	cps
Terbium	159-2	1561981	1611935	1566292	1580070	1.75	cps
Thallium	203-1	792	842	883	839	5.47	cps
Thallium	205-1	1942	2225	1967	2045	7.67	cps
Tin	118-1	2125	2134	2092	2117	1.04	cps
Titanium	47-1	1789862	1829250	1798435	1805849	1.15	cps
Uranium	238-1	617	533	608	586	7.83	cps
Vanadium	51-2	80	100	77	86	14.75	cps
Yttrium	89-1	5320500	5337535	5219846	5292627	1.20	cps
Yttrium	89-2	190606	195600	191149	192451	1.42	cps
Zinc	66-2	1870	1927	1944	1913	2.01	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 11:59:16	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6894	5693	5393	5993	13.25	cps
Zirconium	91-1	1609	1242	1200	1350	16.64	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:02:34	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629759	625770	630143	628557	0.39	cps
Antimony	121-1	180015	182150	181400	181188	0.60	cps
Arsenic	75-2	2096	2141	2113	2117	1.06	cps
Barium	135-1	40346	39326	38950	39541	1.83	cps
Barium	137-1	67716	67723	68125	67855	0.35	cps
Beryllium	9-1	26030	25824	26364	26072	1.04	cps
Bismuth	209-1	4628760	4730301	4842903	4733988	2.26	cps
Bismuth	209-2	1313442	1283468	1237838	1278249	2.98	cps
Boron	10-1	8603	9103	8553	8753	3.48	cps
Boron	11-1	44135	43659	43083	43625	1.21	cps
Cadmium	111-1	38595	38772	38249	38538	0.69	cps
Cadmium	106-1	4376	4276	4559	4404	3.26	cps
Cadmium	108-1	3305	3609	3780	3564	6.75	cps
Calcium	43-1	1822744	1845768	1827307	1831940	0.67	cps
Calcium	44-1	29505021	29377024	29150816	29344287	0.61	cps
Chromium	52-2	35883	36173	35488	35848	0.96	cps
Cobalt	59-2	37775	37775	38767	38105	1.50	cps
Copper	63-2	43966	42930	43822	43573	1.29	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	92	67	92	83	17.32	cps
Gadolinium	160-2	23	17	17	19	20.36	cps
Holmium	165-1	6824545	6994891	7174812	6998083	2.50	cps
Holmium	165-2	1676210	1633562	1583332	1631035	2.85	cps
Indium	115-1	5139544	5255759	5348028	5247777	1.99	cps
Indium	115-2	263133	255234	247172	255180	3.13	cps
Iron	56-2	58061322	57944980	57735504	57913936	0.29	cps
Iron	57-2	1474166	1452810	1479810	1468929	0.97	cps
Krypton	83-1	353	357	340	350	2.52	cps
Lead	206-1	150565	153184	150560	151436	1.00	cps
Lead	207-1	127277	128663	129279	128406	0.80	cps
Lead	208-1	588425	594826	593851	592367	0.58	cps
Lithium	6-1	1145679	1170285	1166800	1160921	1.15	cps
Magnesium	24-2	3157791	3134092	3117421	3136435	0.65	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:02:34	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6882	6938	6995	6939	0.82	cps
Molybdenum	94-1	4029356	4050111	4089772	4056413	0.76	cps
Molybdenum	95-1	7145582	7095778	7218546	7153302	0.86	cps
Molybdenum	96-1	7656595	7689092	7710310	7685332	0.35	cps
Molybdenum	97-1	4470052	4558553	4506073	4511560	0.99	cps
Molybdenum	98-1	11403291	11435376	11410771	11416479	0.15	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	14831	14204	14394	14477	2.22	cps
Phosphorus	31-2	45373	45775	45081	45410	0.77	cps
Potassium	39-2	1639862	1644450	1650227	1644847	0.32	cps
Rhodium	103-1	4687223	4831851	4911434	4810170	2.36	cps
Rhodium	103-2	1453143	1428872	1374533	1418850	2.84	cps
Scandium	45-1	2926102	2936814	2998035	2953650	1.31	cps
Scandium	45-2	27427	26602	25236	26422	4.19	cps
Selenium	77-2	13	20	23	19	26.96	cps
Selenium	78-2	52	43	33	43	21.74	cps
Selenium	82-1	2293	2225	2315	2277	2.05	cps
Silicon	28-1	462873	465720	466278	464957	0.39	cps
Silver	109-1	168896	165572	167167	167212	0.99	cps
Silver	107-1	175072	175233	175486	175264	0.12	cps
Sodium	23-2	6960880	6906572	6900498	6922650	0.48	cps
Strontium	86-1	76540	75483	74679	75567	1.23	cps
Strontium	88-1	654359	665346	654538	658081	0.96	cps
Sulfur	34-1	2443758	2408980	2400671	2417803	0.95	cps
Terbium	159-1	7048918	7208299	7332939	7196719	1.98	cps
Terbium	159-2	1609084	1573240	1534523	1572283	2.37	cps
Thallium	203-1	152092	155365	152328	153262	1.19	cps
Thallium	205-1	363818	367934	365026	365593	0.58	cps
Tin	118-1	286671	287768	288365	287601	0.30	cps
Titanium	47-1	1823575	1831159	1841090	1831941	0.48	cps
Uranium	238-1	575	500	592	556	8.79	cps
Vanadium	51-2	12656	12459	12112	12409	2.22	cps
Yttrium	89-1	5271698	5416475	5500181	5396118	2.14	cps
Yttrium	89-2	196715	193050	186411	192059	2.72	cps
Zinc	66-2	5014	5008	5271	5098	2.95	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:02:34	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3442	2975	2675	3031	12.75	cps
Zirconium	91-1	642	592	575	603	5.75	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:09:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395822	395205	395324	395450	0.08	cps
Antimony	121-1	4625064	4567408	4621331	4604601	0.70	cps
Arsenic	75-2	58960	58482	59332	58925	0.72	cps
Barium	135-1	4915675	4915256	4940824	4923918	0.30	cps
Barium	137-1	8424915	8543350	8488695	8485653	0.70	cps
Beryllium	9-1	681623	686022	689601	685749	0.58	cps
Bismuth	209-1	4663843	4551578	4680545	4631989	1.51	cps
Bismuth	209-2	1296117	1313903	1301459	1303826	0.70	cps
Boron	10-1	81113	80819	83601	81844	1.87	cps
Boron	11-1	384575	391902	399397	391958	1.89	cps
Cadmium	111-1	1004975	1008648	1013635	1009086	0.43	cps
Cadmium	106-1	104234	105655	106781	105557	1.21	cps
Cadmium	108-1	71262	73487	72783	72510	1.57	cps
Calcium	43-1	4916725	4893142	4924092	4911319	0.33	cps
Calcium	44-1	78318427	79459698	79436214	79071446	0.82	cps
Chromium	52-2	488804	483689	485148	485880	0.54	cps
Cobalt	59-2	986645	970921	978386	978651	0.80	cps
Copper	63-2	1648889	1646280	1629366	1641512	0.65	cps
Dysprosium	156-1	67	175	100	114	48.72	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	33	133	58	75	69.39	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	7077664	6808490	7095213	6993789	2.30	cps
Holmium	165-2	1689525	1707603	1677648	1691592	0.89	cps
Indium	115-1	5167067	5102752	5242639	5170819	1.35	cps
Indium	115-2	258963	263382	260831	261059	0.85	cps
Iron	56-2	79065188	78366488	78854213	78761963	0.46	cps
Iron	57-2	2013633	2013790	2001409	2009611	0.35	cps
Krypton	83-1	327	360	367	351	6.10	cps
Lead	206-1	3216840	3233324	3211422	3220529	0.35	cps
Lead	207-1	2949616	2954937	2943333	2949295	0.20	cps
Lead	208-1	13164366	13106024	13090713	13120368	0.30	cps
Lithium	6-1	1171336	1160213	1169983	1167177	0.52	cps
Magnesium	24-2	8560555	8479791	8512611	8517652	0.48	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:09:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	276076	277745	275767	276529	0.38	cps
Molybdenum	94-1	7758286	7747963	7775531	7760593	0.18	cps
Molybdenum	95-1	9525990	9595886	9658268	9593381	0.69	cps
Molybdenum	96-1	10638408	10757068	10724729	10706735	0.57	cps
Molybdenum	97-1	6032005	5987201	6052715	6023974	0.56	cps
Molybdenum	98-1	15357797	15281395	15234889	15291360	0.41	cps
Neodymium	150-1	167	307	260	244	29.16	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	290589	290718	292300	291202	0.33	cps
Phosphorus	31-2	5368	5009	5335	5237	3.78	cps
Potassium	39-2	2336104	2292631	2266738	2298491	1.53	cps
Rhodium	103-1	4775092	4572956	4745964	4698004	2.33	cps
Rhodium	103-2	1431289	1456181	1436709	1441393	0.91	cps
Scandium	45-1	3016418	2976543	3058930	3017297	1.37	cps
Scandium	45-2	28362	28873	28469	28568	0.94	cps
Selenium	77-2	470	407	463	447	7.79	cps
Selenium	78-2	1489	1354	1500	1448	5.63	cps
Selenium	82-1	61350	60806	61465	61207	0.58	cps
Silicon	28-1	2219321	2202948	2199445	2207238	0.48	cps
Silver	109-1	4570049	4661849	4603928	4611942	1.01	cps
Silver	107-1	4838946	4827509	4856313	4840923	0.30	cps
Sodium	23-2	18993842	18816607	18824988	18878479	0.53	cps
Strontium	86-1	1186697	1192745	1196472	1191971	0.41	cps
Strontium	88-1	10414691	10361481	10467458	10414543	0.51	cps
Sulfur	34-1	578215	574136	587401	579917	1.17	cps
Terbium	159-1	7198234	7048864	7257589	7168229	1.50	cps
Terbium	159-2	1635203	1684677	1617075	1645651	2.13	cps
Thallium	203-1	4013095	3942497	3981275	3978956	0.89	cps
Thallium	205-1	9454300	9469133	9426084	9449839	0.23	cps
Tin	118-1	3123579	3178166	3200386	3167377	1.25	cps
Titanium	47-1	2425785	2465844	2468578	2453402	0.98	cps
Uranium	238-1	13360236	13195085	13325884	13293735	0.66	cps
Vanadium	51-2	347365	342404	346505	345424	0.77	cps
Yttrium	89-1	5402499	5251406	5435511	5363139	1.83	cps
Yttrium	89-2	199894	205316	202389	202533	1.34	cps
Zinc	66-2	164812	163942	165473	164742	0.47	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:09:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6543565	6500394	6551899	6531953	0.42	cps
Zirconium	91-1	1462550	1473851	1470997	1469132	0.40	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:16:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	10	28	18	47.91	cps
Antimony	121-1	3676	3776	4051	3834	5.07	cps
Arsenic	75-2	11	11	15	12	17.31	cps
Barium	135-1	25	50	50	42	34.64	cps
Barium	137-1	58	75	67	67	12.50	cps
Beryllium	9-1	378	339	356	357	5.46	cps
Bismuth	209-1	4996182	4896844	4725779	4872935	2.81	cps
Bismuth	209-2	1385261	1387399	1382140	1384933	0.19	cps
Boron	10-1	1700	1583	1525	1603	5.56	cps
Boron	11-1	8144	7602	7844	7864	3.45	cps
Cadmium	111-1	964	805	795	855	11.07	cps
Cadmium	106-1	1350	1133	1075	1186	12.22	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	392	325	367	361	9.33	cps
Calcium	44-1	14316	13390	14116	13941	3.49	cps
Chromium	52-2	467	520	473	487	5.97	cps
Cobalt	59-2	53	67	73	64	15.80	cps
Copper	63-2	373	397	493	421	15.11	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	75	50	44	75.78	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	7056777	6942864	6705714	6901785	2.59	cps
Holmium	165-2	1697971	1687175	1668824	1684657	0.87	cps
Indium	115-1	5486284	5443623	5209307	5379738	2.77	cps
Indium	115-2	274580	277175	273944	275233	0.62	cps
Iron	56-2	2673	2784	2639	2699	2.80	cps
Iron	57-2	56	83	72	70	19.87	cps
Krypton	83-1	370	450	290	370	21.62	cps
Lead	206-1	933	733	850	839	11.98	cps
Lead	207-1	861	650	711	741	14.66	cps
Lead	208-1	3567	2967	3300	3278	9.17	cps
Lithium	6-1	1237296	1223531	1185851	1215559	2.19	cps
Magnesium	24-2	625	642	608	625	2.67	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:16:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	30	33	10.01	cps
Molybdenum	94-1	1250	1283	1333	1289	3.26	cps
Molybdenum	95-1	1367	1292	1333	1331	2.83	cps
Molybdenum	96-1	1492	1475	1367	1445	4.70	cps
Molybdenum	97-1	883	908	867	886	2.37	cps
Molybdenum	98-1	2100	2034	2375	2170	8.35	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	333	330	304	15.50	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3534	3251	3567	3451	5.04	cps
Rhodium	103-1	5224157	5151448	4931264	5102290	2.99	cps
Rhodium	103-2	1572999	1559262	1545726	1559329	0.87	cps
Scandium	45-1	3129496	3075783	2958710	3054663	2.86	cps
Scandium	45-2	28155	29207	28887	28750	1.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	21	-80	47	-4	-1785.71	cps
Silicon	28-1	183133	183464	184636	183744	0.43	cps
Silver	109-1	242	183	258	228	17.29	cps
Silver	107-1	242	325	225	264	20.30	cps
Sodium	23-2	12164	11839	12431	12145	2.44	cps
Strontium	86-1	583	600	575	586	2.17	cps
Strontium	88-1	167	108	267	181	44.35	cps
Sulfur	34-1	301801	300413	302297	301504	0.32	cps
Terbium	159-1	7237977	7178212	6846057	7087415	2.98	cps
Terbium	159-2	1643325	1645618	1618953	1635965	0.90	cps
Thallium	203-1	1208	992	967	1056	12.59	cps
Thallium	205-1	2267	2584	2500	2450	6.70	cps
Tin	118-1	1659	1550	1700	1636	4.73	cps
Titanium	47-1	158	183	108	150	25.46	cps
Uranium	238-1	150	58	117	108	42.83	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	5548316	5488510	5278553	5438460	2.61	cps
Yttrium	89-2	204608	204142	203860	204204	0.19	cps
Zinc	66-2	147	170	157	158	7.42	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:16:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1650	1534	1650	1611	4.18	cps
Zirconium	91-1	275	342	567	394	38.75	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:23:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	168	143	157	8.19	cps
Antimony	121-1	18705	18981	18488	18725	1.32	cps
Arsenic	75-2	135	130	120	128	5.83	cps
Barium	135-1	19407	20108	18714	19409	3.59	cps
Barium	137-1	33568	33109	32900	33193	1.03	cps
Beryllium	9-1	1733	1745	1695	1724	1.52	cps
Bismuth	209-1	4890678	4927125	4884513	4900772	0.47	cps
Bismuth	209-2	1397125	1389298	1394301	1393574	0.28	cps
Boron	10-1	4693	4826	4643	4720	2.01	cps
Boron	11-1	22135	23620	23503	23086	3.58	cps
Cadmium	111-1	2904	2747	2829	2827	2.79	cps
Cadmium	106-1	1258	1283	1300	1281	1.64	cps
Cadmium	108-1	146	188	146	160	15.06	cps
Calcium	43-1	9837	9987	9779	9868	1.09	cps
Calcium	44-1	173249	174825	173096	173723	0.55	cps
Chromium	52-2	2340	2554	2610	2501	5.69	cps
Cobalt	59-2	2040	2174	2094	2102	3.19	cps
Copper	63-2	4144	3851	4051	4015	3.73	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	17	42	44	65.84	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Gadolinium	160-2	27	7	3	12	103.26	cps
Holmium	165-1	7022420	7005994	6877553	6968656	1.14	cps
Holmium	165-2	1714673	1692046	1720509	1709076	0.88	cps
Indium	115-1	5439532	5541753	5459646	5480310	0.99	cps
Indium	115-2	282228	279614	283481	281774	0.70	cps
Iron	56-2	35802	36242	36058	36034	0.61	cps
Iron	57-2	867	950	917	911	4.60	cps
Krypton	83-1	400	317	330	349	12.83	cps
Lead	206-1	6880	7091	7141	7037	1.97	cps
Lead	207-1	6474	6524	6241	6413	2.36	cps
Lead	208-1	28931	29008	28741	28893	0.47	cps
Lithium	6-1	1251295	1251345	1219428	1240689	1.48	cps
Magnesium	24-2	18788	18555	18563	18635	0.71	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:23:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	370	360	352	6.44	cps
Molybdenum	94-1	17328	16260	17003	16864	3.25	cps
Molybdenum	95-1	19673	19473	19765	19637	0.76	cps
Molybdenum	96-1	21585	21860	21869	21771	0.74	cps
Molybdenum	97-1	12448	12340	11881	12223	2.46	cps
Molybdenum	98-1	31939	30435	30318	30897	2.93	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	970	877	943	930	5.17	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	12965	13273	13132	13123	1.18	cps
Rhodium	103-1	5214395	5258314	5165617	5212775	0.89	cps
Rhodium	103-2	1597370	1589881	1596465	1594572	0.26	cps
Scandium	45-1	3135527	3211471	3130897	3159298	1.43	cps
Scandium	45-2	29164	29605	30196	29655	1.75	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	19	9	24	17	43.29	cps
Selenium	82-1	647	744	617	669	9.91	cps
Silicon	28-1	244684	246591	245980	245751	0.40	cps
Silver	109-1	9020	9604	9746	9457	4.07	cps
Silver	107-1	10471	9854	10288	10204	3.10	cps
Sodium	23-2	51084	50516	49914	50504	1.16	cps
Strontium	86-1	2992	3001	3159	3050	3.08	cps
Strontium	88-1	21117	20207	21643	20989	3.46	cps
Sulfur	34-1	307054	309341	306345	307580	0.51	cps
Terbium	159-1	7238701	7318705	7179411	7245605	0.96	cps
Terbium	159-2	1660716	1647613	1644721	1651016	0.52	cps
Thallium	203-1	8528	7828	8578	8311	5.05	cps
Thallium	205-1	19950	21527	20067	20515	4.29	cps
Tin	118-1	32073	31847	32031	31984	0.38	cps
Titanium	47-1	4618	5243	4934	4932	6.34	cps
Uranium	238-1	25268	26529	25594	25797	2.54	cps
Vanadium	51-2	3474	3497	3527	3499	0.76	cps
Yttrium	89-1	5560742	5580740	5537322	5559601	0.39	cps
Yttrium	89-2	208287	208489	209978	208918	0.44	cps
Zinc	66-2	623	547	530	567	8.78	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:23:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15960	14992	16135	15696	3.92	cps
Zirconium	91-1	3567	3467	3684	3573	3.04	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113531BS Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 12:26:33 DataFile Name : 022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	328	345	321	8.76	cps
Antimony	121-1	36016	36400	35724	36047	0.94	cps
Arsenic	75-2	231	267	298	265	12.56	cps
Barium	135-1	37179	37580	36786	37181	1.07	cps
Barium	137-1	64006	63562	64600	64056	0.81	cps
Beryllium	9-1	2889	2739	3050	2893	5.38	cps
Bismuth	209-1	4988233	4999015	4898872	4962040	1.11	cps
Bismuth	209-2	1337624	1396635	1376025	1370095	2.19	cps
Boron	10-1	8319	8745	8603	8556	2.53	cps
Boron	11-1	39497	40867	42113	40826	3.20	cps
Cadmium	111-1	5120	5063	5062	5082	0.66	cps
Cadmium	106-1	1675	1925	1659	1753	8.52	cps
Cadmium	108-1	254	342	292	296	14.84	cps
Calcium	43-1	19648	20165	19907	19907	1.30	cps
Calcium	44-1	327656	329871	326050	327859	0.59	cps
Chromium	52-2	4434	4491	4341	4422	1.71	cps
Cobalt	59-2	4127	4321	4181	4210	2.37	cps
Copper	63-2	7369	7235	7449	7351	1.47	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	83	42	75	67	33.07	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	7130901	7155082	7025572	7103851	0.97	cps
Holmium	165-2	1645879	1711741	1707925	1688515	2.19	cps
Indium	115-1	5613823	5578089	5496538	5562816	1.08	cps
Indium	115-2	269690	281834	277439	276321	2.23	cps
Iron	56-2	234483	234193	235183	234619	0.22	cps
Iron	57-2	5968	5685	5913	5855	2.57	cps
Krypton	83-1	333	420	337	363	13.52	cps
Lead	206-1	13335	13035	13519	13296	1.84	cps
Lead	207-1	12039	11989	11628	11886	1.89	cps
Lead	208-1	53428	53150	53618	53399	0.44	cps
Lithium	6-1	1270524	1264008	1244847	1259793	1.06	cps
Magnesium	24-2	35128	35153	35546	35275	0.66	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:26:33	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	587	657	587	610	6.63	cps
Molybdenum	94-1	31805	31128	31145	31359	1.23	cps
Molybdenum	95-1	37996	37862	37185	37681	1.15	cps
Molybdenum	96-1	42250	41757	42927	42311	1.39	cps
Molybdenum	97-1	23354	23004	23363	23240	0.88	cps
Molybdenum	98-1	59673	58285	60377	59445	1.79	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1677	1717	1567	1653	4.70	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	22002	22252	21108	21787	2.76	cps
Rhodium	103-1	5316370	5292935	5234731	5281345	0.80	cps
Rhodium	103-2	1545230	1617357	1587177	1583255	2.29	cps
Scandium	45-1	3245118	3242335	3172541	3219998	1.28	cps
Scandium	45-2	28195	29972	29792	29320	3.34	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	56	30	57	48	32.68	cps
Selenium	82-1	1238	1204	1289	1244	3.47	cps
Silicon	28-1	305093	305116	302069	304093	0.58	cps
Silver	109-1	18922	18130	18797	18616	2.29	cps
Silver	107-1	19607	20233	20266	20035	1.85	cps
Sodium	23-2	88508	88290	88500	88432	0.14	cps
Strontium	86-1	5376	5151	5335	5287	2.27	cps
Strontium	88-1	39893	41205	41105	40734	1.79	cps
Sulfur	34-1	316309	314010	319597	316639	0.89	cps
Terbium	159-1	7407403	7432912	7372498	7404271	0.41	cps
Terbium	159-2	1576680	1676563	1636730	1629991	3.08	cps
Thallium	203-1	15927	16153	15235	15772	3.03	cps
Thallium	205-1	38209	39387	38919	38838	1.53	cps
Tin	118-1	62037	61584	61810	61810	0.37	cps
Titanium	47-1	9420	10004	9662	9695	3.03	cps
Uranium	238-1	49943	49893	49650	49829	0.32	cps
Vanadium	51-2	6465	6785	6585	6612	2.45	cps
Yttrium	89-1	5624922	5687503	5663475	5658633	0.56	cps
Yttrium	89-2	200172	210201	206602	205658	2.47	cps
Zinc	66-2	950	877	933	920	4.18	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:26:33	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	28197	27579	26477	27417	3.18	cps
Zirconium	91-1	6585	6077	5752	6138	6.85	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:29:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	23	10	18	37.81	cps
Antimony	121-1	800	792	742	778	4.06	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	17	58	33	36	58.08	cps
Barium	137-1	108	75	83	89	19.52	cps
Beryllium	9-1	206	228	311	248	22.43	cps
Bismuth	209-1	4603992	5063935	5017150	4895026	5.17	cps
Bismuth	209-2	1383497	1396089	1414275	1397954	1.11	cps
Boron	10-1	1250	1267	1392	1303	5.94	cps
Boron	11-1	6143	5660	5418	5740	6.43	cps
Cadmium	111-1	698	967	874	847	16.12	cps
Cadmium	106-1	1008	1350	1233	1197	14.51	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	392	350	258	333	20.46	cps
Calcium	44-1	12715	13482	13073	13090	2.93	cps
Chromium	52-2	457	507	450	471	6.57	cps
Cobalt	59-2	60	67	40	56	24.98	cps
Copper	63-2	367	400	340	369	8.15	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	33	67	25	42	52.92	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	6478008	7110570	7102543	6897040	5.26	cps
Holmium	165-2	1723629	1734345	1746537	1734837	0.66	cps
Indium	115-1	5226430	5679164	5592458	5499351	4.37	cps
Indium	115-2	280507	282325	282930	281920	0.45	cps
Iron	56-2	2184	2228	2028	2147	4.89	cps
Iron	57-2	83	78	50	70	25.38	cps
Krypton	83-1	333	417	320	357	14.69	cps
Lead	206-1	617	539	539	565	7.95	cps
Lead	207-1	461	522	500	494	6.26	cps
Lead	208-1	2300	2328	2317	2315	0.60	cps
Lithium	6-1	1176221	1285831	1254344	1238799	4.56	cps
Magnesium	24-2	592	550	542	561	4.77	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:29:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	33	34	5.60	cps
Molybdenum	94-1	492	483	525	500	4.41	cps
Molybdenum	95-1	358	425	400	394	8.54	cps
Molybdenum	96-1	517	542	417	492	13.45	cps
Molybdenum	97-1	292	292	275	286	3.36	cps
Molybdenum	98-1	750	467	767	661	25.50	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	303	333	350	329	7.19	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3209	3509	3609	3442	6.05	cps
Rhodium	103-1	4923832	5386043	5305005	5204960	4.74	cps
Rhodium	103-2	1619677	1619135	1614639	1617817	0.17	cps
Scandium	45-1	2977702	3257926	3186603	3140744	4.64	cps
Scandium	45-2	29438	30263	30791	30164	2.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	67	-48	79	33	213.58	cps
Silicon	28-1	189633	190370	189270	189757	0.30	cps
Silver	109-1	108	92	217	139	48.87	cps
Silver	107-1	200	192	200	197	2.44	cps
Sodium	23-2	10896	10246	10196	10446	3.74	cps
Strontium	86-1	600	675	608	628	6.55	cps
Strontium	88-1	192	208	125	175	25.20	cps
Sulfur	34-1	313940	317402	315416	315586	0.55	cps
Terbium	159-1	6882301	7413623	7397532	7231152	4.18	cps
Terbium	159-2	1687646	1648761	1677319	1671242	1.21	cps
Thallium	203-1	575	508	667	583	13.63	cps
Thallium	205-1	1342	1267	1500	1370	8.70	cps
Tin	118-1	1117	1092	1017	1075	4.84	cps
Titanium	47-1	50	208	108	122	65.52	cps
Uranium	238-1	108	83	83	92	15.74	cps
Vanadium	51-2	17	7	0	8	107.84	cps
Yttrium	89-1	5252083	5715376	5720936	5562798	4.84	cps
Yttrium	89-2	208574	209690	212860	210375	1.06	cps
Zinc	66-2	87	120	133	113	21.21	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:29:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	950	892	850	897	5.60	cps
Zirconium	91-1	208	175	175	186	10.34	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113523BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 12:33:19 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	38	20	25	43.59	cps
Antimony	121-1	708	542	567	606	14.84	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	25	8	42	25	66.68	cps
Barium	137-1	67	100	25	64	58.82	cps
Beryllium	9-1	250	194	200	215	14.24	cps
Bismuth	209-1	4979317	4797179	4860491	4878996	1.90	cps
Bismuth	209-2	1379031	1401336	1408648	1396338	1.10	cps
Boron	10-1	925	783	900	870	8.70	cps
Boron	11-1	4493	4734	4401	4543	3.79	cps
Cadmium	111-1	898	817	880	865	4.89	cps
Cadmium	106-1	1267	1150	1233	1217	4.94	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	442	425	350	406	12.04	cps
Calcium	44-1	13616	12948	13190	13251	2.55	cps
Chromium	52-2	483	437	390	437	10.69	cps
Cobalt	59-2	40	80	87	69	36.64	cps
Copper	63-2	380	377	370	376	1.36	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	0	0	22	173.21	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	0	25	58	28	105.36	cps
Gadolinium	160-2	3	27	3	11	121.29	cps
Holmium	165-1	7021176	6815481	6947118	6927925	1.50	cps
Holmium	165-2	1724466	1725461	1741071	1730333	0.54	cps
Indium	115-1	5564156	5406625	5480083	5483621	1.44	cps
Indium	115-2	281158	282944	282461	282188	0.33	cps
Iron	56-2	1728	1817	1695	1746	3.62	cps
Iron	57-2	33	61	61	52	30.93	cps
Krypton	83-1	383	367	353	368	4.09	cps
Lead	206-1	556	478	472	502	9.28	cps
Lead	207-1	439	472	389	433	9.68	cps
Lead	208-1	2156	2172	2145	2158	0.65	cps
Lithium	6-1	1248043	1227526	1246467	1240678	0.92	cps
Magnesium	24-2	475	475	458	469	2.05	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:33:19	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	27	40	33	20.00	cps
Molybdenum	94-1	425	450	475	450	5.56	cps
Molybdenum	95-1	208	308	333	283	23.35	cps
Molybdenum	96-1	358	283	392	344	16.11	cps
Molybdenum	97-1	192	175	175	181	5.33	cps
Molybdenum	98-1	425	392	575	464	21.05	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	343	287	287	306	10.71	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3492	3326	3309	3376	3.00	cps
Rhodium	103-1	5246876	5113391	5238684	5199650	1.44	cps
Rhodium	103-2	1624390	1622781	1623156	1623443	0.05	cps
Scandium	45-1	3143971	3099062	3142682	3128572	0.82	cps
Scandium	45-2	29982	30209	29859	30017	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	10	-7	24	9	174.05	cps
Silicon	28-1	190485	188874	188080	189147	0.65	cps
Silver	109-1	125	142	108	125	13.33	cps
Silver	107-1	142	175	175	164	11.74	cps
Sodium	23-2	10563	10037	10321	10307	2.55	cps
Strontium	86-1	617	583	642	614	4.77	cps
Strontium	88-1	133	142	150	142	5.88	cps
Sulfur	34-1	316154	316015	314790	315653	0.24	cps
Terbium	159-1	7172153	7038010	7194195	7134786	1.18	cps
Terbium	159-2	1649993	1684523	1672020	1668845	1.05	cps
Thallium	203-1	583	600	500	561	9.55	cps
Thallium	205-1	1283	975	1225	1161	14.11	cps
Tin	118-1	858	942	925	908	4.86	cps
Titanium	47-1	150	108	83	114	29.57	cps
Uranium	238-1	42	42	83	56	43.30	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	5603395	5447103	5544168	5531555	1.43	cps
Yttrium	89-2	209628	211279	210529	210479	0.39	cps
Zinc	66-2	93	157	100	117	29.83	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:33:19	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	692	742	697	6.02	cps
Zirconium	91-1	183	150	158	164	10.58	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:36:43	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	325	318	315	3.64	cps
Antimony	121-1	36284	36125	35757	36055	0.75	cps
Arsenic	75-2	226	269	224	240	10.50	cps
Barium	135-1	36635	38357	36693	37228	2.63	cps
Barium	137-1	65814	66560	64047	65474	1.97	cps
Beryllium	9-1	3028	2839	2661	2843	6.45	cps
Bismuth	209-1	4774568	4735266	5046079	4851971	3.49	cps
Bismuth	209-2	1400900	1394183	1313771	1369618	3.54	cps
Boron	10-1	8061	8086	8378	8175	2.15	cps
Boron	11-1	39271	39080	41127	39826	2.84	cps
Cadmium	111-1	4780	4951	4987	4906	2.25	cps
Cadmium	106-1	1500	1525	1734	1586	8.08	cps
Cadmium	108-1	321	275	300	299	7.68	cps
Calcium	43-1	19089	20424	20407	19973	3.84	cps
Calcium	44-1	326756	331700	328285	328914	0.77	cps
Chromium	52-2	4477	4648	4457	4527	2.31	cps
Cobalt	59-2	4291	4251	4301	4281	0.62	cps
Copper	63-2	7479	7269	7529	7425	1.86	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	7007106	6905028	7167941	7026692	1.89	cps
Holmium	165-2	1725576	1709216	1621530	1685441	3.32	cps
Indium	115-1	5487932	5463785	5613749	5521822	1.46	cps
Indium	115-2	283949	279081	266924	276651	3.17	cps
Iron	56-2	236493	238787	240375	238552	0.82	cps
Iron	57-2	5907	6068	6252	6076	2.84	cps
Krypton	83-1	330	317	337	328	3.11	cps
Lead	206-1	13013	13090	13107	13070	0.39	cps
Lead	207-1	11478	11900	12195	11858	3.04	cps
Lead	208-1	52121	53067	53757	52981	1.55	cps
Lithium	6-1	1239696	1259368	1280266	1259777	1.61	cps
Magnesium	24-2	36181	36615	34903	35899	2.48	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:36:43	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	680	627	577	628	8.23	cps
Molybdenum	94-1	29959	30360	31471	30596	2.56	cps
Molybdenum	95-1	36901	37578	36484	36988	1.49	cps
Molybdenum	96-1	41674	42100	41589	41788	0.65	cps
Molybdenum	97-1	22795	23580	23020	23132	1.75	cps
Molybdenum	98-1	60662	62177	60988	61275	1.30	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1617	1550	1550	1572	2.45	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	22035	22686	22343	22355	1.46	cps
Rhodium	103-1	5229102	5204707	5344518	5259442	1.42	cps
Rhodium	103-2	1601772	1599789	1503289	1568283	3.59	cps
Scandium	45-1	3138791	3130562	3285019	3184790	2.73	cps
Scandium	45-2	30353	30263	28412	29676	3.69	cps
Selenium	77-2	13	20	7	13	49.99	cps
Selenium	78-2	41	33	28	34	19.15	cps
Selenium	82-1	1353	1224	1320	1299	5.15	cps
Silicon	28-1	306283	306405	309971	307553	0.68	cps
Silver	109-1	19398	19148	19916	19487	2.01	cps
Silver	107-1	20391	20608	20450	20483	0.55	cps
Sodium	23-2	88382	89128	88952	88821	0.44	cps
Strontium	86-1	5310	5318	5084	5237	2.53	cps
Strontium	88-1	41130	41213	42166	41503	1.39	cps
Sulfur	34-1	314387	317034	314982	315468	0.44	cps
Terbium	159-1	7206258	7106923	7434294	7249158	2.32	cps
Terbium	159-2	1664794	1647533	1551781	1621369	3.75	cps
Thallium	203-1	15977	15527	16169	15891	2.07	cps
Thallium	205-1	37440	37824	37181	37481	0.86	cps
Tin	118-1	60680	61885	62581	61715	1.56	cps
Titanium	47-1	10204	10346	9662	10071	3.58	cps
Uranium	238-1	49575	48604	50303	49494	1.72	cps
Vanadium	51-2	7035	7065	6825	6975	1.88	cps
Yttrium	89-1	5562694	5504271	5760882	5609282	2.40	cps
Yttrium	89-2	212476	209099	200579	207385	2.96	cps
Zinc	66-2	980	923	897	933	4.56	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:36:43	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27195	26543	26635	26791	1.32	cps
Zirconium	91-1	6227	6293	5885	6135	3.57	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:40:06	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	45	25	30	44.08	cps
Antimony	121-1	169713	174248	173682	172547	1.43	cps
Arsenic	75-2	1367	1333	1307	1336	2.22	cps
Barium	135-1	95787	95234	93915	94979	1.01	cps
Barium	137-1	163102	165920	162115	163713	1.21	cps
Beryllium	9-1	5835	5801	5368	5668	4.60	cps
Bismuth	209-1	4844885	4935108	5049995	4943329	2.08	cps
Bismuth	209-2	1368166	1399943	1299199	1355769	3.80	cps
Boron	10-1	1167	1158	1092	1139	3.61	cps
Boron	11-1	5276	5051	4993	5107	2.93	cps
Cadmium	111-1	15055	14810	15254	15039	1.48	cps
Cadmium	106-1	2609	2484	2375	2489	4.69	cps
Cadmium	108-1	863	950	875	896	5.28	cps
Calcium	43-1	14650	14525	14692	14622	0.59	cps
Calcium	44-1	246521	245784	244223	245509	0.48	cps
Chromium	52-2	440	537	397	458	15.66	cps
Cobalt	59-2	60	53	60	58	6.67	cps
Copper	63-2	20228	19808	19794	19943	1.24	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	67	75	42	61	28.38	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	7006725	6978999	7122197	7035974	1.08	cps
Holmium	165-2	1680046	1725559	1582461	1662689	4.40	cps
Indium	115-1	5494562	5458026	5631843	5528143	1.66	cps
Indium	115-2	277016	283038	264757	274937	3.39	cps
Iron	56-2	2272	2167	2134	2191	3.31	cps
Iron	57-2	78	67	111	85	27.16	cps
Krypton	83-1	420	363	410	398	7.60	cps
Lead	206-1	37757	36715	37996	37489	1.82	cps
Lead	207-1	34425	33612	33328	33788	1.69	cps
Lead	208-1	152166	151227	150397	151264	0.59	cps
Lithium	6-1	1237009	1242487	1274425	1251307	1.61	cps
Magnesium	24-2	558	425	500	494	13.52	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:40:06	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4491	4227	4354	4357	3.02	cps
Molybdenum	94-1	517	450	367	444	16.91	cps
Molybdenum	95-1	250	250	217	239	8.05	cps
Molybdenum	96-1	267	317	242	275	13.89	cps
Molybdenum	97-1	125	200	117	147	31.17	cps
Molybdenum	98-1	450	308	308	356	23.00	cps
Neodymium	150-1	0	40	0	13	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4531	4441	4661	4544	2.43	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	11830	12081	12348	12086	2.14	cps
Rhodium	103-1	5207163	5162380	5351022	5240189	1.88	cps
Rhodium	103-2	1575016	1594242	1505430	1558230	3.00	cps
Scandium	45-1	3133654	3212682	3284443	3210260	2.35	cps
Scandium	45-2	29688	29608	27875	29057	3.53	cps
Selenium	77-2	27	23	23	24	7.89	cps
Selenium	78-2	100	83	54	79	29.68	cps
Selenium	82-1	3005	3116	2993	3038	2.23	cps
Silicon	28-1	200657	195649	194161	196822	1.73	cps
Silver	109-1	103571	102521	102271	102788	0.67	cps
Silver	107-1	108199	109543	107165	108302	1.10	cps
Sodium	23-2	68055	68372	68089	68172	0.26	cps
Strontium	86-1	675	650	700	675	3.70	cps
Strontium	88-1	592	733	800	708	15.02	cps
Sulfur	34-1	319983	322004	321534	321173	0.33	cps
Terbium	159-1	7188061	7272385	7433538	7297995	1.71	cps
Terbium	159-2	1654491	1634911	1563382	1617595	2.96	cps
Thallium	203-1	38760	38978	39295	39011	0.69	cps
Thallium	205-1	91588	93226	92377	92397	0.89	cps
Tin	118-1	1183	1158	1258	1200	4.34	cps
Titanium	47-1	125	83	83	97	24.74	cps
Uranium	238-1	33	33	67	44	43.30	cps
Vanadium	51-2	17	17	20	18	10.81	cps
Yttrium	89-1	5598795	5602747	5748584	5650042	1.51	cps
Yttrium	89-2	209039	211545	196926	205836	3.80	cps
Zinc	66-2	3764	3911	3661	3778	3.33	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:40:06	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	958	875	853	13.87	cps
Zirconium	91-1	225	242	225	231	4.17	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:43:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	20	13	18	24.77	cps
Antimony	121-1	174139	172324	174111	173525	0.60	cps
Arsenic	75-2	1306	1395	1370	1357	3.39	cps
Barium	135-1	96265	93328	94419	94671	1.57	cps
Barium	137-1	164239	163414	161861	163172	0.74	cps
Beryllium	9-1	5712	5468	5546	5575	2.24	cps
Bismuth	209-1	4698669	5004155	4816819	4839881	3.18	cps
Bismuth	209-2	1372215	1380371	1350078	1367555	1.15	cps
Boron	10-1	750	858	725	778	9.11	cps
Boron	11-1	4192	3717	3942	3951	6.02	cps
Cadmium	111-1	15122	15313	15153	15196	0.67	cps
Cadmium	106-1	2342	2625	2400	2456	6.09	cps
Cadmium	108-1	917	1058	954	976	7.52	cps
Calcium	43-1	14892	14825	14566	14761	1.16	cps
Calcium	44-1	245473	245581	244455	245170	0.25	cps
Chromium	52-2	487	430	443	453	6.53	cps
Cobalt	59-2	63	47	53	54	15.40	cps
Copper	63-2	19945	19494	20759	20066	3.20	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	13	3	17	11	62.48	cps
Holmium	165-1	6788160	7169861	6899825	6952615	2.82	cps
Holmium	165-2	1694919	1706626	1669911	1690486	1.11	cps
Indium	115-1	5328229	5629545	5431145	5462973	2.80	cps
Indium	115-2	278922	281179	273625	277908	1.40	cps
Iron	56-2	2406	2350	2117	2291	6.69	cps
Iron	57-2	39	56	33	43	27.16	cps
Krypton	83-1	387	357	377	373	4.09	cps
Lead	206-1	38665	37255	36737	37552	2.66	cps
Lead	207-1	33940	33372	33250	33521	1.10	cps
Lead	208-1	153103	150808	152192	152034	0.76	cps
Lithium	6-1	1205834	1272896	1246113	1241614	2.72	cps
Magnesium	24-2	492	517	467	492	5.08	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:43:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4351	4264	4357	4324	1.20	cps
Molybdenum	94-1	408	375	375	386	4.99	cps
Molybdenum	95-1	150	142	217	169	24.26	cps
Molybdenum	96-1	225	233	242	233	3.57	cps
Molybdenum	97-1	167	142	167	158	9.12	cps
Molybdenum	98-1	367	292	333	331	11.37	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4524	4417	4634	4525	2.40	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	12348	11881	12006	12078	2.00	cps
Rhodium	103-1	5076145	5340522	5161020	5192563	2.60	cps
Rhodium	103-2	1588701	1582749	1566842	1579431	0.72	cps
Scandium	45-1	3042394	3253614	3191319	3162442	3.43	cps
Scandium	45-2	29585	30132	29144	29620	1.67	cps
Selenium	77-2	20	40	17	26	49.38	cps
Selenium	78-2	89	67	74	77	14.78	cps
Selenium	82-1	3095	3180	3090	3122	1.61	cps
Silicon	28-1	198671	197818	195700	197396	0.78	cps
Silver	109-1	103135	101641	101086	101954	1.04	cps
Silver	107-1	107477	108451	108132	108020	0.46	cps
Sodium	23-2	68598	69202	68189	68663	0.74	cps
Strontium	86-1	675	650	617	647	4.52	cps
Strontium	88-1	675	667	758	700	7.24	cps
Sulfur	34-1	320263	315791	317536	317863	0.71	cps
Terbium	159-1	7034727	7378341	7067904	7160324	2.65	cps
Terbium	159-2	1629330	1624141	1617339	1623603	0.37	cps
Thallium	203-1	39354	39797	39011	39387	1.00	cps
Thallium	205-1	94617	91117	93167	92967	1.89	cps
Tin	118-1	1075	925	1017	1006	7.52	cps
Titanium	47-1	133	142	67	114	36.09	cps
Uranium	238-1	50	8	75	44	75.78	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	5393212	5653883	5489148	5512081	2.39	cps
Yttrium	89-2	208002	207870	204709	206860	0.90	cps
Zinc	66-2	3641	3691	3681	3671	0.72	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:43:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	817	875	758	817	7.14	cps
Zirconium	91-1	250	192	208	217	13.87	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 12:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	8	19	54.31	cps
Antimony	121-1	36108	36676	36066	36284	0.94	cps
Arsenic	75-2	309	278	272	286	6.97	cps
Barium	135-1	18847	18789	19357	18998	1.64	cps
Barium	137-1	32399	33819	33761	33327	2.41	cps
Beryllium	9-1	1267	1283	1161	1237	5.36	cps
Bismuth	209-1	4885888	4916798	4937614	4913434	0.53	cps
Bismuth	209-2	1367334	1397120	1407124	1390526	1.49	cps
Boron	10-1	733	617	675	675	8.64	cps
Boron	11-1	3342	3392	3367	3367	0.74	cps
Cadmium	111-1	3789	3807	3821	3805	0.41	cps
Cadmium	106-1	1442	1525	1475	1481	2.83	cps
Cadmium	108-1	196	171	167	178	8.87	cps
Calcium	43-1	3059	3101	3184	3114	2.04	cps
Calcium	44-1	61528	61778	62213	61840	0.56	cps
Chromium	52-2	533	473	513	507	6.03	cps
Cobalt	59-2	57	60	40	52	20.52	cps
Copper	63-2	4417	4221	4187	4275	2.91	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	7127705	7016148	7084873	7076242	0.80	cps
Holmium	165-2	1671941	1761736	1716366	1716681	2.62	cps
Indium	115-1	5689638	5578585	5541888	5603371	1.37	cps
Indium	115-2	277285	284361	281943	281196	1.28	cps
Iron	56-2	2117	2456	2234	2269	7.59	cps
Iron	57-2	61	89	61	70	22.79	cps
Krypton	83-1	360	390	360	370	4.68	cps
Lead	206-1	7897	7947	7892	7912	0.39	cps
Lead	207-1	6797	6924	7158	6960	2.63	cps
Lead	208-1	32151	31894	32367	32137	0.74	cps
Lithium	6-1	1262238	1283175	1286398	1277270	1.03	cps
Magnesium	24-2	558	475	492	508	8.68	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 12:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	957	860	973	930	6.58	cps
Molybdenum	94-1	533	258	492	428	34.65	cps
Molybdenum	95-1	267	217	275	253	12.48	cps
Molybdenum	96-1	375	300	267	314	17.68	cps
Molybdenum	97-1	125	175	233	178	30.50	cps
Molybdenum	98-1	417	350	442	403	11.76	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1067	1107	1130	1101	2.91	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	5043	5118	5193	5118	1.47	cps
Rhodium	103-1	5354954	5264017	5292724	5303898	0.88	cps
Rhodium	103-2	1577320	1626722	1618672	1607572	1.65	cps
Scandium	45-1	3219176	3199419	3241390	3219995	0.65	cps
Scandium	45-2	29795	30437	30233	30155	1.09	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	17	24	26	22	22.04	cps
Selenium	82-1	631	654	672	653	3.13	cps
Silicon	28-1	195520	194143	192587	194083	0.76	cps
Silver	109-1	21660	20634	20817	21037	2.60	cps
Silver	107-1	22002	21585	21693	21760	1.00	cps
Sodium	23-2	21684	21801	22051	21845	0.86	cps
Strontium	86-1	708	617	733	686	8.95	cps
Strontium	88-1	342	358	433	378	12.92	cps
Sulfur	34-1	319665	319763	318676	319368	0.19	cps
Terbium	159-1	7347626	7274340	7326891	7316286	0.52	cps
Terbium	159-2	1625945	1690806	1687508	1668086	2.19	cps
Thallium	203-1	8278	7653	8353	8095	4.75	cps
Thallium	205-1	18823	19090	19633	19182	2.15	cps
Tin	118-1	1017	958	858	945	8.48	cps
Titanium	47-1	83	83	125	97	24.74	cps
Uranium	238-1	25	50	58	44	39.04	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	5756253	5686581	5628188	5690341	1.13	cps
Yttrium	89-2	207946	213966	211143	211018	1.43	cps
Zinc	66-2	983	803	803	863	12.04	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 12:46:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	683	758	711	5.78	cps
Zirconium	91-1	125	183	142	150	20.03	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:50:32	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14499	13565	14559	14207	3.92	cps
Antimony	121-1	1031055	1035978	1031599	1032877	0.26	cps
Arsenic	75-2	6105	5770	6113	5996	3.27	cps
Barium	135-1	3719215	3724528	3731655	3725133	0.17	cps
Barium	137-1	6511838	6510097	6441555	6487830	0.62	cps
Beryllium	9-1	72309	70952	72773	72011	1.31	cps
Bismuth	209-1	4941903	4940551	4896856	4926437	0.52	cps
Bismuth	209-2	1358688	1407008	1405259	1390318	1.97	cps
Boron	10-1	650	750	808	736	10.88	cps
Boron	11-1	3351	3259	3442	3351	2.74	cps
Cadmium	111-1	111709	111773	112266	111916	0.27	cps
Cadmium	106-1	10721	10680	11297	10899	3.16	cps
Cadmium	108-1	7498	7473	7356	7442	1.02	cps
Calcium	43-1	14258	14375	14909	14514	2.39	cps
Calcium	44-1	246027	250633	243917	246859	1.39	cps
Chromium	52-2	180568	179214	179184	179656	0.44	cps
Cobalt	59-2	981521	973030	977995	977515	0.44	cps
Copper	63-2	434355	431891	434985	433744	0.38	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	42	92	25	53	65.74	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	7104822	7116144	6937302	7052756	1.42	cps
Holmium	165-2	1684181	1735669	1719091	1712980	1.53	cps
Indium	115-1	5621954	5544433	5401860	5522749	2.02	cps
Indium	115-2	275492	281196	285558	280749	1.80	cps
Iron	56-2	626934	620342	618600	621959	0.71	cps
Iron	57-2	15164	15665	16071	15633	2.90	cps
Krypton	83-1	350	407	377	378	7.50	cps
Lead	206-1	154196	156491	158156	156281	1.27	cps
Lead	207-1	140902	141475	138542	140307	1.11	cps
Lead	208-1	636095	641463	638758	638772	0.42	cps
Lithium	6-1	1298516	1281473	1239906	1273299	2.37	cps
Magnesium	24-2	517	475	408	467	11.71	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:50:32	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138142	137125	137421	137562	0.38	cps
Molybdenum	94-1	575	667	525	589	12.20	cps
Molybdenum	95-1	350	375	300	342	11.18	cps
Molybdenum	96-1	450	583	508	514	13.01	cps
Molybdenum	97-1	192	292	217	233	22.30	cps
Molybdenum	98-1	617	442	567	542	16.64	cps
Neodymium	150-1	127	93	227	149	46.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	290525	289387	290453	290122	0.22	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	11722	12006	12506	12078	3.29	cps
Rhodium	103-1	5311974	5208502	5146567	5222348	1.60	cps
Rhodium	103-2	1550187	1610854	1616086	1592376	2.30	cps
Scandium	45-1	3241201	3238409	3150954	3210188	1.60	cps
Scandium	45-2	29084	30827	30500	30137	3.08	cps
Selenium	77-2	113	123	120	119	4.28	cps
Selenium	78-2	448	476	393	439	9.67	cps
Selenium	82-1	17998	18004	18081	18028	0.26	cps
Silicon	28-1	198570	196492	199610	198224	0.80	cps
Silver	109-1	521254	516996	513790	517347	0.72	cps
Silver	107-1	547786	547827	549390	548334	0.17	cps
Sodium	23-2	67996	67125	68339	67820	0.92	cps
Strontium	86-1	792	733	600	708	13.87	cps
Strontium	88-1	1834	1525	1667	1675	9.22	cps
Sulfur	34-1	311480	310623	306060	309388	0.94	cps
Terbium	159-1	7417371	7249781	7103359	7256837	2.17	cps
Terbium	159-2	1636301	1675733	1673312	1661782	1.33	cps
Thallium	203-1	403728	403453	406021	404401	0.35	cps
Thallium	205-1	964136	968263	969805	967401	0.30	cps
Tin	118-1	867	992	1108	989	12.22	cps
Titanium	47-1	58	125	67	83	43.59	cps
Uranium	238-1	17	50	42	36	48.03	cps
Vanadium	51-2	331253	330255	331899	331135	0.25	cps
Yttrium	89-1	5686444	5600433	5586222	5624366	0.96	cps
Yttrium	89-2	206097	213817	212200	210705	1.93	cps
Zinc	66-2	87078	84991	86118	86063	1.21	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:50:32	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	917	925	942	928	1.37	cps
Zirconium	91-1	283	208	225	239	16.48	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:53:54	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1806	1826	1691	1774	4.11	cps
Antimony	121-1	49275	48983	48765	49007	0.52	cps
Arsenic	75-2	778	754	756	762	1.76	cps
Barium	135-1	76396	77737	75817	76650	1.28	cps
Barium	137-1	135093	135008	133417	134506	0.70	cps
Beryllium	9-1	4845	4929	5051	4942	2.09	cps
Bismuth	209-1	4846132	4772365	4820245	4812914	0.78	cps
Bismuth	209-2	1362890	1276501	1355328	1331573	3.59	cps
Boron	10-1	1092	1167	1350	1203	11.05	cps
Boron	11-1	5301	5443	6135	5626	7.93	cps
Cadmium	111-1	8073	8313	7988	8125	2.08	cps
Cadmium	106-1	1850	1967	1875	1897	3.24	cps
Cadmium	108-1	475	433	396	435	9.11	cps
Calcium	43-1	4843	4934	5185	4987	3.55	cps
Calcium	44-1	88404	88596	88269	88423	0.19	cps
Chromium	52-2	7349	7412	7122	7294	2.09	cps
Cobalt	59-2	11101	10574	11058	10911	2.68	cps
Copper	63-2	13780	13523	13824	13709	1.18	cps
Dysprosium	156-1	717	792	775	761	5.18	cps
Dysprosium	156-2	170	143	157	157	8.51	cps
Erbium	164-1	592	508	567	556	7.70	cps
Erbium	164-2	110	93	83	96	14.09	cps
Gadolinium	160-1	625	650	833	703	16.19	cps
Gadolinium	160-2	210	167	217	198	13.73	cps
Holmium	165-1	7089672	7070050	7103546	7087756	0.24	cps
Holmium	165-2	1715461	1614616	1705437	1678505	3.31	cps
Indium	115-1	5553982	5596227	5568818	5573009	0.38	cps
Indium	115-2	282106	264274	277420	274600	3.37	cps
Iron	56-2	101573	103504	101708	102262	1.05	cps
Iron	57-2	2595	2706	2545	2615	3.15	cps
Krypton	83-1	410	360	397	389	6.66	cps
Lead	206-1	38565	38960	38319	38615	0.84	cps
Lead	207-1	33745	34035	33701	33827	0.54	cps
Lead	208-1	155660	154455	153240	154452	0.78	cps
Lithium	6-1	1278786	1248131	1298804	1275240	2.00	cps
Magnesium	24-2	2667	3017	2425	2703	11.01	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:53:54	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2050	1907	1894	1950	4.45	cps
Molybdenum	94-1	2859	2825	2425	2703	8.92	cps
Molybdenum	95-1	250	400	350	333	22.91	cps
Molybdenum	96-1	792	783	692	756	7.34	cps
Molybdenum	97-1	158	233	192	194	19.33	cps
Molybdenum	98-1	483	392	492	456	12.18	cps
Neodymium	150-1	1160	1153	1387	1233	10.77	cps
Neodymium	150-2	193	163	167	174	9.43	cps
Nickel	60-2	3210	3577	3484	3424	5.57	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5485	5260	5593	5446	3.12	cps
Rhodium	103-1	5307198	5249849	5272641	5276563	0.55	cps
Rhodium	103-2	1619266	1531974	1583202	1578147	2.78	cps
Scandium	45-1	3177592	3132864	3229553	3180003	1.52	cps
Scandium	45-2	29838	27868	28486	28731	3.51	cps
Selenium	77-2	20	17	0	12	87.67	cps
Selenium	78-2	59	44	52	52	14.28	cps
Selenium	82-1	2126	2113	2105	2115	0.51	cps
Silicon	28-1	1026116	1019037	1016520	1020557	0.49	cps
Silver	109-1	34136	35139	34328	34534	1.54	cps
Silver	107-1	36066	36066	37186	36439	1.77	cps
Sodium	23-2	17161	16694	17061	16972	1.45	cps
Strontium	86-1	5226	5185	5101	5171	1.23	cps
Strontium	88-1	43637	42417	43036	43030	1.42	cps
Sulfur	34-1	301220	297766	297280	298755	0.72	cps
Terbium	159-1	7370187	7344300	7388881	7367789	0.30	cps
Terbium	159-2	1650642	1565258	1636332	1617410	2.83	cps
Thallium	203-1	25276	25568	25068	25304	0.99	cps
Thallium	205-1	59884	61349	60922	60718	1.24	cps
Tin	118-1	2375	1850	1784	2003	16.18	cps
Titanium	47-1	2242	2067	2450	2253	8.52	cps
Uranium	238-1	792	1025	1108	975	16.84	cps
Vanadium	51-2	12256	12596	12092	12314	2.09	cps
Yttrium	89-1	5619753	5632905	5633739	5628799	0.14	cps
Yttrium	89-2	208892	197513	206404	204270	2.93	cps
Zinc	66-2	3734	3717	3437	3629	4.59	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:53:54	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6910	7161	7177	7083	2.11	cps
Zirconium	91-1	1400	1475	1734	1536	11.38	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:57:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1921	1798	1703	1807	6.04	cps
Antimony	121-1	47829	48522	48012	48121	0.75	cps
Arsenic	75-2	682	778	717	725	6.72	cps
Barium	135-1	77200	76991	76663	76951	0.35	cps
Barium	137-1	134284	132180	134217	133560	0.90	cps
Beryllium	9-1	4745	5146	5057	4982	4.22	cps
Bismuth	209-1	4885130	4879652	4710137	4824973	2.06	cps
Bismuth	209-2	1365255	1347846	1354441	1355847	0.65	cps
Boron	10-1	925	1142	850	972	15.58	cps
Boron	11-1	5059	4951	5134	5048	1.83	cps
Cadmium	111-1	7872	7900	7532	7768	2.64	cps
Cadmium	106-1	2017	1850	1625	1831	10.74	cps
Cadmium	108-1	500	508	433	481	8.55	cps
Calcium	43-1	4793	5009	4818	4873	2.43	cps
Calcium	44-1	88436	87003	87078	87506	0.92	cps
Chromium	52-2	7285	7149	7179	7204	1.00	cps
Cobalt	59-2	10688	10314	10681	10561	2.02	cps
Copper	63-2	13844	13503	13403	13583	1.70	cps
Dysprosium	156-1	667	733	683	694	5.00	cps
Dysprosium	156-2	167	143	160	157	7.67	cps
Erbium	164-1	367	408	442	406	9.27	cps
Erbium	164-2	90	100	90	93	6.19	cps
Gadolinium	160-1	658	642	650	650	1.28	cps
Gadolinium	160-2	207	173	230	203	14.01	cps
Holmium	165-1	7064804	7117987	6799143	6993978	2.44	cps
Holmium	165-2	1740391	1691365	1687526	1706428	1.73	cps
Indium	115-1	5540937	5613088	5370352	5508126	2.26	cps
Indium	115-2	278456	274055	277885	276799	0.86	cps
Iron	56-2	99117	100202	98842	99387	0.72	cps
Iron	57-2	2411	2628	2784	2608	7.17	cps
Krypton	83-1	347	413	363	374	9.27	cps
Lead	206-1	37110	38726	39395	38410	3.06	cps
Lead	207-1	33528	33355	33572	33485	0.34	cps
Lead	208-1	152915	153603	154450	153656	0.50	cps
Lithium	6-1	1272963	1270143	1239319	1260808	1.48	cps
Magnesium	24-2	2734	2884	2909	2842	3.33	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:57:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2067	1900	1920	1962	4.64	cps
Molybdenum	94-1	2567	2709	2734	2670	3.37	cps
Molybdenum	95-1	233	233	333	267	21.65	cps
Molybdenum	96-1	683	767	658	703	8.07	cps
Molybdenum	97-1	217	283	308	269	17.59	cps
Molybdenum	98-1	442	383	408	411	7.12	cps
Neodymium	150-1	1240	1247	1067	1185	8.62	cps
Neodymium	150-2	180	183	213	192	9.55	cps
Nickel	60-2	3544	3664	3394	3534	3.83	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4984	4743	5268	4998	5.26	cps
Rhodium	103-1	5263364	5242301	5032827	5179497	2.46	cps
Rhodium	103-2	1622206	1579087	1579521	1593604	1.55	cps
Scandium	45-1	3199685	3153033	3030359	3127693	2.80	cps
Scandium	45-2	29605	29047	29471	29374	0.99	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	69	61	56	62	10.53	cps
Selenium	82-1	2161	2113	2159	2144	1.27	cps
Silicon	28-1	1003664	999015	994977	999219	0.44	cps
Silver	109-1	34169	34896	36743	35269	3.76	cps
Silver	107-1	35047	36751	36551	36116	2.58	cps
Sodium	23-2	17687	17361	17378	17475	1.05	cps
Strontium	86-1	5176	5160	5385	5240	2.39	cps
Strontium	88-1	41431	41330	42977	41913	2.20	cps
Sulfur	34-1	296474	298031	293957	296154	0.69	cps
Terbium	159-1	7338565	7320606	7104493	7254555	1.80	cps
Terbium	159-2	1684732	1631104	1628800	1648212	1.92	cps
Thallium	203-1	24883	24700	25618	25067	1.94	cps
Thallium	205-1	59524	59959	62019	60501	2.20	cps
Tin	118-1	2109	1900	1875	1961	6.53	cps
Titanium	47-1	2134	2217	2184	2178	1.93	cps
Uranium	238-1	833	933	842	870	6.38	cps
Vanadium	51-2	12142	12409	11792	12114	2.56	cps
Yttrium	89-1	5649931	5602237	5442984	5565051	1.95	cps
Yttrium	89-2	210461	204512	206647	207207	1.45	cps
Zinc	66-2	3754	3484	3667	3635	3.79	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 12:57:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6585	6944	6519	6682	3.42	cps
Zirconium	91-1	1609	1642	1550	1600	2.90	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:00:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295	388	410	364	16.74	cps
Antimony	121-1	9946	9787	9604	9779	1.75	cps
Arsenic	75-2	165	174	163	167	3.56	cps
Barium	135-1	15101	15201	15142	15148	0.33	cps
Barium	137-1	26160	26519	26294	26324	0.69	cps
Beryllium	9-1	1028	1000	917	982	5.89	cps
Bismuth	209-1	4946193	4865025	4845129	4885449	1.10	cps
Bismuth	209-2	1330174	1363733	1376740	1356882	1.77	cps
Boron	10-1	550	758	625	644	16.37	cps
Boron	11-1	3000	2784	2792	2859	4.30	cps
Cadmium	111-1	2236	2135	2118	2163	2.96	cps
Cadmium	106-1	1292	1250	1283	1275	1.73	cps
Cadmium	108-1	121	171	121	138	20.99	cps
Calcium	43-1	1375	1067	1208	1217	12.69	cps
Calcium	44-1	27127	28096	27887	27703	1.84	cps
Chromium	52-2	1907	1894	1874	1891	0.89	cps
Cobalt	59-2	2167	2120	2154	2147	1.12	cps
Copper	63-2	3030	3190	3024	3082	3.06	cps
Dysprosium	156-1	167	108	192	156	27.49	cps
Dysprosium	156-2	33	37	3	24	75.12	cps
Erbium	164-1	117	83	42	81	46.64	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	158	117	158	144	16.66	cps
Gadolinium	160-2	53	33	30	39	32.45	cps
Holmium	165-1	7069723	6992960	7006027	7022903	0.58	cps
Holmium	165-2	1660349	1714834	1700641	1691941	1.67	cps
Indium	115-1	5543925	5576649	5481740	5534105	0.87	cps
Indium	115-2	271771	275809	279466	275682	1.40	cps
Iron	56-2	21395	21022	21050	21155	0.98	cps
Iron	57-2	606	500	500	535	11.39	cps
Krypton	83-1	357	320	323	333	6.08	cps
Lead	206-1	8842	8653	8453	8649	2.25	cps
Lead	207-1	8042	7814	7336	7730	4.66	cps
Lead	208-1	36477	35376	34881	35578	2.30	cps
Lithium	6-1	1250226	1244549	1247817	1247530	0.23	cps
Magnesium	24-2	900	808	917	875	6.67	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:00:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	450	397	410	419	6.63	cps
Molybdenum	94-1	817	742	925	828	11.14	cps
Molybdenum	95-1	200	150	175	175	14.28	cps
Molybdenum	96-1	358	333	275	322	13.27	cps
Molybdenum	97-1	92	133	125	117	18.90	cps
Molybdenum	98-1	317	233	233	261	18.43	cps
Neodymium	150-1	167	193	247	202	20.14	cps
Neodymium	150-2	43	30	20	31	37.62	cps
Nickel	60-2	947	907	863	906	4.60	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3309	3342	3367	3339	0.88	cps
Rhodium	103-1	5274170	5241510	5148886	5221522	1.24	cps
Rhodium	103-2	1574151	1556616	1606827	1579198	1.61	cps
Scandium	45-1	3179739	3123913	3080825	3128159	1.59	cps
Scandium	45-2	28603	29027	29715	29115	1.93	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	17	13	7	12	37.75	cps
Selenium	82-1	431	499	464	465	7.27	cps
Silicon	28-1	349374	348121	347243	348246	0.31	cps
Silver	109-1	6885	7336	7477	7233	4.27	cps
Silver	107-1	7961	7319	7694	7658	4.21	cps
Sodium	23-2	11613	11847	11697	11719	1.01	cps
Strontium	86-1	1675	1533	1492	1567	6.14	cps
Strontium	88-1	8686	8753	8978	8806	1.74	cps
Sulfur	34-1	297129	293634	296451	295738	0.63	cps
Terbium	159-1	7341989	7332636	7234046	7302890	0.82	cps
Terbium	159-2	1605572	1641599	1669337	1638836	1.95	cps
Thallium	203-1	5018	5260	5060	5112	2.53	cps
Thallium	205-1	12832	12982	12774	12863	0.84	cps
Tin	118-1	1133	958	1075	1056	8.44	cps
Titanium	47-1	583	492	508	528	9.25	cps
Uranium	238-1	183	175	183	181	2.66	cps
Vanadium	51-2	2377	2487	2440	2435	2.27	cps
Yttrium	89-1	5615360	5530947	5549777	5565361	0.80	cps
Yttrium	89-2	201502	205496	208647	205215	1.74	cps
Zinc	66-2	813	933	840	862	7.31	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:00:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1767	2142	2109	2006	10.35	cps
Zirconium	91-1	425	442	358	408	10.80	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4494	4472	4392	4453	1.21	cps
Antimony	121-1	222797	222517	222959	222758	0.10	cps
Arsenic	75-2	1645	1687	1619	1650	2.10	cps
Barium	135-1	804175	792933	797004	798037	0.71	cps
Barium	137-1	1393456	1385446	1386148	1388350	0.32	cps
Beryllium	9-1	17800	17205	17778	17595	1.92	cps
Bismuth	209-1	4987907	4893662	4737224	4872931	2.60	cps
Bismuth	209-2	1375883	1329584	1390496	1365321	2.33	cps
Boron	10-1	925	758	892	858	10.28	cps
Boron	11-1	4651	4568	4876	4698	3.40	cps
Cadmium	111-1	27495	27463	27648	27535	0.36	cps
Cadmium	106-1	3517	3434	3534	3495	1.53	cps
Cadmium	108-1	1775	1888	1758	1807	3.89	cps
Calcium	43-1	4926	5468	5193	5196	5.22	cps
Calcium	44-1	87413	87758	87682	87618	0.21	cps
Chromium	52-2	42377	42137	42237	42250	0.29	cps
Cobalt	59-2	202832	202701	202559	202697	0.07	cps
Copper	63-2	95445	95535	94092	95024	0.85	cps
Dysprosium	156-1	683	600	742	675	10.55	cps
Dysprosium	156-2	200	173	93	156	35.68	cps
Erbium	164-1	475	392	425	431	9.74	cps
Erbium	164-2	120	93	73	96	24.50	cps
Gadolinium	160-1	533	617	708	619	14.13	cps
Gadolinium	160-2	160	180	167	169	6.03	cps
Holmium	165-1	7163916	7114453	6811348	7029906	2.72	cps
Holmium	165-2	1717471	1652064	1715981	1695172	2.20	cps
Indium	115-1	5660807	5563817	5357474	5527366	2.80	cps
Indium	115-2	276018	267288	279831	274379	2.34	cps
Iron	56-2	222406	220653	220628	221229	0.46	cps
Iron	57-2	5790	5418	5540	5583	3.40	cps
Krypton	83-1	413	320	310	348	16.39	cps
Lead	206-1	61510	61756	62141	61802	0.51	cps
Lead	207-1	54674	56615	55778	55689	1.75	cps
Lead	208-1	250375	252040	249663	250693	0.49	cps
Lithium	6-1	1274120	1264783	1217668	1252191	2.42	cps
Magnesium	24-2	2300	2892	2917	2703	12.92	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28389	27721	28115	28075	1.20	cps
Molybdenum	94-1	2750	2650	2925	2775	5.02	cps
Molybdenum	95-1	192	375	333	300	32.03	cps
Molybdenum	96-1	758	833	708	767	8.21	cps
Molybdenum	97-1	208	275	208	231	16.69	cps
Molybdenum	98-1	425	542	558	508	14.29	cps
Neodymium	150-1	1207	1247	1220	1225	1.66	cps
Neodymium	150-2	173	140	160	158	10.64	cps
Nickel	60-2	59985	59858	59483	59776	0.44	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4576	4843	4559	4659	3.41	cps
Rhodium	103-1	5321504	5255162	5087615	5221427	2.31	cps
Rhodium	103-2	1589184	1557123	1566621	1570976	1.05	cps
Scandium	45-1	3212433	3162121	3031192	3135249	2.98	cps
Scandium	45-2	29140	27791	28960	28631	2.56	cps
Selenium	77-2	30	33	30	31	6.18	cps
Selenium	78-2	141	122	137	133	7.35	cps
Selenium	82-1	4905	5130	5200	5078	3.04	cps
Silicon	28-1	1002603	985919	980094	989539	1.18	cps
Silver	109-1	115660	116408	117200	116423	0.66	cps
Silver	107-1	123269	123099	124327	123565	0.54	cps
Sodium	23-2	16877	17061	17453	17130	1.72	cps
Strontium	86-1	5643	5576	5376	5532	2.51	cps
Strontium	88-1	42492	42275	42584	42451	0.37	cps
Sulfur	34-1	292436	291403	285030	289623	1.39	cps
Terbium	159-1	7457049	7316815	7108921	7294261	2.40	cps
Terbium	159-2	1651602	1615607	1656640	1641283	1.36	cps
Thallium	203-1	97943	97758	99893	98531	1.20	cps
Thallium	205-1	239635	241688	236093	239139	1.18	cps
Tin	118-1	1917	1792	1834	1847	3.45	cps
Titanium	47-1	2409	2517	2200	2375	6.78	cps
Uranium	238-1	1025	858	1008	964	9.52	cps
Vanadium	51-2	76919	76464	76525	76636	0.32	cps
Yttrium	89-1	5724350	5640104	5422624	5595693	2.78	cps
Yttrium	89-2	205457	198944	207792	204064	2.25	cps
Zinc	66-2	19647	19497	19574	19573	0.38	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6885	6960	7369	7072	3.68	cps
Zirconium	91-1	1542	1517	1475	1511	2.23	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:09:39	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375154	374474	371203	373611	0.57	cps
Antimony	121-1	4595177	4579848	4643024	4606016	0.72	cps
Arsenic	75-2	56645	56052	55860	56186	0.73	cps
Barium	135-1	4935210	4956570	4934480	4942087	0.25	cps
Barium	137-1	8524175	8583699	8496198	8534691	0.52	cps
Beryllium	9-1	670891	673958	672532	672460	0.23	cps
Bismuth	209-1	4917357	4666931	4896215	4826834	2.88	cps
Bismuth	209-2	1311038	1295990	1311935	1306321	0.69	cps
Boron	10-1	74946	77031	78758	76912	2.48	cps
Boron	11-1	365818	373150	376220	371729	1.44	cps
Cadmium	111-1	1001758	1009717	1004522	1005333	0.40	cps
Cadmium	106-1	105217	105662	105537	105472	0.22	cps
Cadmium	108-1	72352	71991	73013	72452	0.72	cps
Calcium	43-1	4811248	4778901	4776074	4788741	0.41	cps
Calcium	44-1	77730748	77641420	77079420	77483863	0.46	cps
Chromium	52-2	465855	463456	457270	462194	0.96	cps
Cobalt	59-2	937779	938003	931643	935808	0.39	cps
Copper	63-2	1609817	1581860	1579065	1590247	1.07	cps
Dysprosium	156-1	108	133	142	128	13.58	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	67	25	75	56	48.22	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	125	117	117	119	4.03	cps
Gadolinium	160-2	33	13	10	19	66.81	cps
Holmium	165-1	7289805	6889715	7319799	7166439	3.35	cps
Holmium	165-2	1716621	1683934	1696884	1699146	0.97	cps
Indium	115-1	5330726	5079926	5327685	5246112	2.74	cps
Indium	115-2	256132	255107	256064	255768	0.22	cps
Iron	56-2	75897232	75421532	74697941	75338902	0.80	cps
Iron	57-2	1919291	1937246	1910246	1922261	0.71	cps
Krypton	83-1	403	403	367	391	5.41	cps
Lead	206-1	3273994	3292268	3295172	3287145	0.35	cps
Lead	207-1	3014337	3037604	3044884	3032275	0.53	cps
Lead	208-1	13400529	13482342	13485451	13456107	0.36	cps
Lithium	6-1	1180571	1152022	1182438	1171677	1.45	cps
Magnesium	24-2	8074127	8074095	7989812	8046011	0.60	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:09:39	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	265565	263442	261720	263576	0.73	cps
Molybdenum	94-1	7721201	7645595	7732025	7699607	0.61	cps
Molybdenum	95-1	9553796	9537227	9553587	9548203	0.10	cps
Molybdenum	96-1	10720174	10674078	10683339	10692531	0.23	cps
Molybdenum	97-1	6056538	6008949	6002821	6022770	0.49	cps
Molybdenum	98-1	15252810	15383347	15192132	15276096	0.64	cps
Neodymium	150-1	387	227	193	269	38.44	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	279659	280269	278623	279517	0.30	cps
Phosphorus	31-2	5101	4693	4601	4798	5.55	cps
Potassium	39-2	2139483	2169377	2165605	2158155	0.75	cps
Rhodium	103-1	4904814	4667087	4834845	4802249	2.54	cps
Rhodium	103-2	1413072	1405187	1419010	1412423	0.49	cps
Scandium	45-1	3051740	2911121	3046620	3003160	2.66	cps
Scandium	45-2	27086	26612	26642	26780	0.99	cps
Selenium	77-2	480	273	403	386	27.10	cps
Selenium	78-2	1361	1357	1296	1338	2.72	cps
Selenium	82-1	59924	60817	60160	60301	0.77	cps
Silicon	28-1	2145167	2127168	2125010	2132448	0.52	cps
Silver	109-1	4629381	4674148	4641613	4648381	0.50	cps
Silver	107-1	4887710	4903115	4854462	4881762	0.51	cps
Sodium	23-2	17946877	17653027	17663830	17754578	0.94	cps
Strontium	86-1	1176738	1176384	1172639	1175253	0.19	cps
Strontium	88-1	10309227	10199586	10241902	10250238	0.54	cps
Sulfur	34-1	575466	570705	571871	572681	0.43	cps
Terbium	159-1	7415383	7200751	7381235	7332456	1.57	cps
Terbium	159-2	1655910	1606682	1628815	1630469	1.51	cps
Thallium	203-1	4071384	4077504	4107395	4085428	0.47	cps
Thallium	205-1	9590050	9733540	9627235	9650275	0.77	cps
Tin	118-1	3123461	3170442	3169154	3154352	0.85	cps
Titanium	47-1	2412517	2431356	2407995	2417289	0.51	cps
Uranium	238-1	13491170	13664099	13790188	13648486	1.10	cps
Vanadium	51-2	333057	328894	327379	329776	0.89	cps
Yttrium	89-1	5494630	5234655	5489550	5406279	2.75	cps
Yttrium	89-2	194757	192705	195341	194268	0.71	cps
Zinc	66-2	159862	157397	156393	157884	1.13	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:09:39	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6475292	6543506	6439889	6486229	0.81	cps
Zirconium	91-1	1455057	1463352	1452282	1456897	0.40	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P8
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:15:41 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	20	18	23	29.41	cps
Antimony	121-1	3967	3667	4418	4017	9.40	cps
Arsenic	75-2	0	9	4	4	107.89	cps
Barium	135-1	25	100	58	61	61.49	cps
Barium	137-1	125	50	100	92	41.66	cps
Beryllium	9-1	206	289	244	246	16.93	cps
Bismuth	209-1	5122468	4969771	5048398	5046879	1.51	cps
Bismuth	209-2	1306829	1382633	1390830	1360097	3.41	cps
Boron	10-1	1350	1225	1175	1250	7.21	cps
Boron	11-1	6018	5868	5510	5799	4.51	cps
Cadmium	111-1	815	1058	818	897	15.50	cps
Cadmium	106-1	1133	1483	1133	1250	16.17	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	375	258	300	311	19.00	cps
Calcium	44-1	12214	12606	12840	12553	2.52	cps
Chromium	52-2	460	453	430	448	3.52	cps
Cobalt	59-2	73	63	60	66	10.58	cps
Copper	63-2	407	370	367	381	5.82	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	7192667	6972455	7067433	7077518	1.56	cps
Holmium	165-2	1599258	1690401	1693038	1660899	3.22	cps
Indium	115-1	5637411	5472379	5508992	5539594	1.56	cps
Indium	115-2	258060	268725	272638	266474	2.83	cps
Iron	56-2	2150	2317	2134	2200	4.61	cps
Iron	57-2	56	61	56	57	5.58	cps
Krypton	83-1	333	223	357	304	23.39	cps
Lead	206-1	895	750	972	872	12.93	cps
Lead	207-1	711	672	611	665	7.58	cps
Lead	208-1	3339	3134	3117	3197	3.87	cps
Lithium	6-1	1244320	1220936	1223872	1229709	1.04	cps
Magnesium	24-2	375	475	467	439	12.64	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	30	20	30	33.33	cps
Molybdenum	94-1	1358	1350	1200	1303	6.84	cps
Molybdenum	95-1	1192	1117	1408	1239	12.23	cps
Molybdenum	96-1	1425	1417	1283	1375	5.78	cps
Molybdenum	97-1	683	792	867	781	11.81	cps
Molybdenum	98-1	1817	1867	1634	1772	6.93	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	300	247	257	268	10.59	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3100	2767	2817	2895	6.21	cps
Rhodium	103-1	5259305	5114455	5119305	5164355	1.59	cps
Rhodium	103-2	1442926	1567829	1553589	1521448	4.49	cps
Scandium	45-1	3115151	3020429	3062108	3065896	1.55	cps
Scandium	45-2	26044	27951	27684	27227	3.79	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-37	145	33	47	194.83	cps
Silicon	28-1	170006	173010	172882	171966	0.99	cps
Silver	109-1	367	375	292	344	13.33	cps
Silver	107-1	283	375	383	347	15.98	cps
Sodium	23-2	10313	10271	10187	10257	0.62	cps
Strontium	86-1	550	600	475	542	11.62	cps
Strontium	88-1	275	250	200	242	15.80	cps
Sulfur	34-1	291833	293216	294050	293033	0.38	cps
Terbium	159-1	7445893	7266996	7384216	7365701	1.23	cps
Terbium	159-2	1543650	1629143	1656637	1609810	3.66	cps
Thallium	203-1	717	825	542	694	20.59	cps
Thallium	205-1	1692	1634	1784	1703	4.44	cps
Tin	118-1	1642	1558	1592	1597	2.63	cps
Titanium	47-1	150	217	117	161	31.61	cps
Uranium	238-1	92	133	158	128	26.36	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	5540362	5453910	5491982	5495418	0.79	cps
Yttrium	89-2	189557	198740	200962	196420	3.08	cps
Zinc	66-2	120	153	163	146	15.59	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:15:41	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1892	1900	1484	1759	13.55	cps
Zirconium	91-1	508	342	492	447	20.53	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BL	Instrumnet Name :	P8
Client Sample ID :	PB113587BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:19:05	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	15	8	13	34.64	cps
Antimony	121-1	1625	1850	2084	1853	12.37	cps
Arsenic	75-2	4	9	9	7	43.34	cps
Barium	135-1	17	25	0	14	91.65	cps
Barium	137-1	67	83	42	64	32.83	cps
Beryllium	9-1	139	239	211	196	26.30	cps
Bismuth	209-1	5053585	5000471	4877555	4977204	1.81	cps
Bismuth	209-2	1394312	1391768	1368602	1384894	1.02	cps
Boron	10-1	1050	875	1017	981	9.48	cps
Boron	11-1	4443	4468	4159	4356	3.93	cps
Cadmium	111-1	741	706	751	733	3.22	cps
Cadmium	106-1	1033	983	1050	1022	3.39	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	375	242	333	317	21.54	cps
Calcium	44-1	12064	12064	12273	12134	0.99	cps
Chromium	52-2	500	483	427	470	8.18	cps
Cobalt	59-2	43	63	33	47	32.74	cps
Copper	63-2	357	367	397	373	5.58	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	42	33	39	12.37	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	7094493	7014010	7015014	7041172	0.66	cps
Holmium	165-2	1694910	1680639	1686207	1687252	0.43	cps
Indium	115-1	5518409	5490167	5412430	5473669	1.00	cps
Indium	115-2	275664	273535	271262	273487	0.81	cps
Iron	56-2	1667	1822	1734	1741	4.48	cps
Iron	57-2	56	44	39	46	18.33	cps
Krypton	83-1	293	373	310	326	12.97	cps
Lead	206-1	722	672	728	707	4.33	cps
Lead	207-1	622	589	644	619	4.52	cps
Lead	208-1	2778	2817	2806	2800	0.72	cps
Lithium	6-1	1227126	1214968	1203203	1215099	0.98	cps
Magnesium	24-2	317	458	442	406	19.09	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BL	Instrumnet Name :	P8
Client Sample ID :	PB113587BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:19:05	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	57	57	49	27.56	cps
Molybdenum	94-1	808	875	825	836	4.15	cps
Molybdenum	95-1	617	700	458	592	20.75	cps
Molybdenum	96-1	767	742	625	711	10.63	cps
Molybdenum	97-1	325	425	292	347	19.99	cps
Molybdenum	98-1	975	1017	950	981	3.44	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	303	250	269	11.11	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2867	2884	2975	2909	2.01	cps
Rhodium	103-1	5207627	5126737	5163361	5165908	0.78	cps
Rhodium	103-2	1560330	1536962	1521692	1539661	1.26	cps
Scandium	45-1	3089536	3076238	3062005	3075926	0.45	cps
Scandium	45-2	28860	27998	27694	28184	2.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	54	-47	74	27	243.40	cps
Silicon	28-1	175050	177970	178324	177115	1.01	cps
Silver	109-1	283	317	350	317	10.53	cps
Silver	107-1	333	350	200	294	27.92	cps
Sodium	23-2	10479	9328	9287	9698	6.98	cps
Strontium	86-1	650	417	467	511	24.04	cps
Strontium	88-1	192	92	92	125	46.19	cps
Sulfur	34-1	295413	296356	298637	296802	0.56	cps
Terbium	159-1	7333338	7252297	7181700	7255779	1.05	cps
Terbium	159-2	1662584	1663938	1615508	1647343	1.67	cps
Thallium	203-1	642	500	533	558	13.27	cps
Thallium	205-1	1292	1517	1258	1356	10.37	cps
Tin	118-1	1067	1067	1100	1078	1.79	cps
Titanium	47-1	100	83	50	78	32.74	cps
Uranium	238-1	58	75	75	69	13.85	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	5548081	5430519	5424301	5467634	1.28	cps
Yttrium	89-2	201469	201455	198372	200432	0.89	cps
Zinc	66-2	123	123	103	117	9.90	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BL	Instrumnet Name :	P8
Client Sample ID :	PB113587BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:19:05	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1575	1400	1500	1492	5.89	cps
Zirconium	91-1	342	250	292	294	15.59	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : PB113587BS Instrumnet Name : P8
 Client Sample ID : PB113587BS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:22:28 DataFile Name : 037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72117	73032	71551	72233	1.03	cps
Antimony	121-1	4709654	4652822	4709536	4690671	0.70	cps
Arsenic	75-2	57480	57357	56872	57236	0.56	cps
Barium	135-1	5027144	4958492	4975301	4986979	0.72	cps
Barium	137-1	8539373	8535547	8569791	8548237	0.22	cps
Beryllium	9-1	667448	662677	662329	664151	0.43	cps
Bismuth	209-1	5041230	5099763	5084332	5075108	0.60	cps
Bismuth	209-2	1375616	1375614	1383323	1378184	0.32	cps
Boron	10-1	72049	74477	75985	74170	2.68	cps
Boron	11-1	348194	361149	365327	358223	2.49	cps
Cadmium	111-1	1033345	1033466	1029423	1032078	0.22	cps
Cadmium	106-1	108065	108643	109182	108630	0.51	cps
Cadmium	108-1	74329	73198	74019	73848	0.79	cps
Calcium	43-1	976032	978471	969768	974757	0.46	cps
Calcium	44-1	15930825	15891033	15930084	15917314	0.14	cps
Chromium	52-2	446486	444987	440890	444121	0.65	cps
Cobalt	59-2	960858	957154	954729	957580	0.32	cps
Copper	63-2	1659020	1669211	1631503	1653244	1.18	cps
Dysprosium	156-1	33	67	58	53	32.88	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	83	83	72	26.65	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7342234	7341340	7219029	7300868	0.97	cps
Holmium	165-2	1747332	1755808	1757066	1753402	0.30	cps
Indium	115-1	5484218	5457667	5437444	5459776	0.43	cps
Indium	115-2	264470	264537	263794	264267	0.16	cps
Iron	56-2	15710176	15598754	15441748	15583559	0.87	cps
Iron	57-2	386783	387708	387856	387449	0.15	cps
Krypton	83-1	300	360	317	326	9.51	cps
Lead	206-1	3304838	3323640	3341869	3323449	0.56	cps
Lead	207-1	3055491	3077923	3057195	3063536	0.41	cps
Lead	208-1	13419305	13645580	13623592	13562826	0.92	cps
Lithium	6-1	1235310	1233337	1233485	1234044	0.09	cps
Magnesium	24-2	1726031	1709333	1706962	1714109	0.61	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BS	Instrumnet Name :	P8
Client Sample ID :	PB113587BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:22:28	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267688	268560	266501	267583	0.39	cps
Molybdenum	94-1	7701429	7733215	7662093	7698912	0.46	cps
Molybdenum	95-1	9458754	9555453	9573391	9529200	0.65	cps
Molybdenum	96-1	10655030	10659695	10654025	10656250	0.03	cps
Molybdenum	97-1	6008760	6048713	6024200	6027224	0.33	cps
Molybdenum	98-1	15218996	15295576	15264974	15259849	0.25	cps
Neodymium	150-1	280	187	193	220	23.67	cps
Neodymium	150-2	7	20	0	9	114.55	cps
Nickel	60-2	282730	281102	278768	280867	0.71	cps
Phosphorus	31-2	5618	4851	4918	5129	8.28	cps
Potassium	39-2	436760	434302	429549	433537	0.85	cps
Rhodium	103-1	5091842	5123891	5028969	5081567	0.95	cps
Rhodium	103-2	1490182	1515482	1491559	1499074	0.95	cps
Scandium	45-1	3067451	3084614	3117213	3089759	0.82	cps
Scandium	45-2	27961	28082	28616	28220	1.24	cps
Selenium	77-2	403	427	420	417	2.88	cps
Selenium	78-2	1483	1383	1446	1438	3.52	cps
Selenium	82-1	61659	61584	61857	61700	0.23	cps
Silicon	28-1	2184767	2186189	2186622	2185859	0.04	cps
Silver	109-1	4755580	4761108	4748653	4755114	0.13	cps
Silver	107-1	5039210	5050703	5059613	5049842	0.20	cps
Sodium	23-2	3742154	3739771	3687266	3723064	0.83	cps
Strontium	86-1	1171403	1176609	1183462	1177158	0.51	cps
Strontium	88-1	10335616	10271663	10315460	10307580	0.32	cps
Sulfur	34-1	570536	570065	568543	569714	0.18	cps
Terbium	159-1	7560596	7567540	7539051	7555729	0.20	cps
Terbium	159-2	1669557	1674329	1675898	1673261	0.20	cps
Thallium	203-1	4114882	4163019	4150836	4142912	0.60	cps
Thallium	205-1	9778188	9886903	9837331	9834141	0.55	cps
Tin	118-1	3245382	3209484	3204999	3219955	0.69	cps
Titanium	47-1	2414555	2380532	2391022	2395369	0.73	cps
Uranium	238-1	13385663	13483043	13293667	13387458	0.71	cps
Vanadium	51-2	332297	329941	329000	330413	0.51	cps
Yttrium	89-1	5653736	5608877	5544854	5602489	0.98	cps
Yttrium	89-2	200428	199339	200312	200026	0.30	cps
Zinc	66-2	163904	164414	163756	164025	0.21	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	PB113587BS	Instrumnet Name :	P8
Client Sample ID :	PB113587BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:22:28	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6526660	6431046	6458427	6472044	0.76	cps
Zirconium	91-1	1459696	1448757	1443214	1450556	0.58	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-01	Instrumnet Name :	P8
Client Sample ID :	380913174-WELL-TANK	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:25:41	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	123	103	123	17.24	cps
Antimony	121-1	7828	7361	7469	7552	3.24	cps
Arsenic	75-2	35	48	65	49	30.08	cps
Barium	135-1	572474	568696	566095	569088	0.56	cps
Barium	137-1	1002727	988498	971326	987517	1.59	cps
Beryllium	9-1	356	378	361	365	3.17	cps
Bismuth	209-1	5543610	5503550	5477710	5508290	0.60	cps
Bismuth	209-2	1440298	1493811	1488863	1474324	2.01	cps
Boron	10-1	6168	5676	5126	5657	9.22	cps
Boron	11-1	29230	27610	26826	27889	4.40	cps
Cadmium	111-1	1097	1022	919	1013	8.84	cps
Cadmium	106-1	1400	1267	1033	1233	15.05	cps
Cadmium	108-1	29	21	13	21	40.01	cps
Calcium	43-1	1879896	1864091	1841906	1861965	1.02	cps
Calcium	44-1	29709619	29572491	29256317	29512809	0.79	cps
Chromium	52-2	1517	1393	1520	1477	4.89	cps
Cobalt	59-2	183	143	153	160	13.01	cps
Copper	63-2	31810	31449	31626	31628	0.57	cps
Dysprosium	156-1	25	58	58	47	40.76	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	42	100	75	72	40.52	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	7	13	23	14	58.06	cps
Holmium	165-1	7916455	7983478	7864701	7921545	0.75	cps
Holmium	165-2	1781715	1864337	1864856	1836969	2.60	cps
Indium	115-1	6123782	6153675	5995521	6090993	1.38	cps
Indium	115-2	287377	295313	292810	291834	1.39	cps
Iron	56-2	28358	28179	26921	27819	2.82	cps
Iron	57-2	767	828	772	789	4.28	cps
Krypton	83-1	340	293	303	312	7.87	cps
Lead	206-1	18408	18091	17885	18128	1.45	cps
Lead	207-1	15844	15616	15276	15578	1.83	cps
Lead	208-1	72543	71541	69820	71302	1.93	cps
Lithium	6-1	1353699	1360784	1335869	1350118	0.95	cps
Magnesium	24-2	769851	767327	754100	763759	1.11	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-01	Instrumnet Name :	P8
Client Sample ID :	380913174-WELL-TANK	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:25:41	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7762	7976	7796	7845	1.46	cps
Molybdenum	94-1	3192	3059	2559	2937	11.37	cps
Molybdenum	95-1	4259	4326	3442	4009	12.27	cps
Molybdenum	96-1	4701	4534	4026	4420	7.96	cps
Molybdenum	97-1	2667	2600	2259	2509	8.73	cps
Molybdenum	98-1	7436	7002	5852	6763	12.10	cps
Neodymium	150-1	47	73	80	67	26.46	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	597	627	687	637	7.20	cps
Phosphorus	31-2	8	17	67	31	103.26	cps
Potassium	39-2	29164	30592	28597	29451	3.49	cps
Rhodium	103-1	5657894	5608314	5509197	5591802	1.35	cps
Rhodium	103-2	1612794	1652070	1664448	1643104	1.64	cps
Scandium	45-1	3417966	3418121	3389731	3408606	0.48	cps
Scandium	45-2	29040	29738	30009	29596	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	71	59	140	90	48.75	cps
Silicon	28-1	31378278	31175024	31297884	31283728	0.33	cps
Silver	109-1	1850	1984	2200	2011	8.78	cps
Silver	107-1	1825	2125	2025	1992	7.67	cps
Sodium	23-2	769848	771718	759424	766997	0.86	cps
Strontium	86-1	449502	444436	447672	447203	0.57	cps
Strontium	88-1	3994066	3964737	3909846	3956216	1.08	cps
Sulfur	34-1	549593	549461	548216	549090	0.14	cps
Terbium	159-1	8169666	8156144	8069779	8131863	0.67	cps
Terbium	159-2	1758812	1778467	1805667	1780982	1.32	cps
Thallium	203-1	2851	2625	2384	2620	8.91	cps
Thallium	205-1	7211	6527	5418	6385	14.17	cps
Tin	118-1	14817	13899	13649	14122	4.35	cps
Titanium	47-1	417	642	417	492	26.42	cps
Uranium	238-1	38427	38185	36463	37692	2.84	cps
Vanadium	51-2	340	353	340	344	2.23	cps
Yttrium	89-1	6174707	6131387	6090932	6132342	0.68	cps
Yttrium	89-2	212379	215051	215772	214401	0.83	cps
Zinc	66-2	2417	2360	2510	2429	3.12	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-01	Instrumnet Name :	P8
Client Sample ID :	380913174-WELL-TANK	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:25:41	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1642	1533	1533	1570	3.99	cps
Zirconium	91-1	300	242	292	278	11.36	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:29:03	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410	360	385	385	6.49	cps
Antimony	121-1	3526	3126	3309	3320	6.03	cps
Arsenic	75-2	7	15	11	11	33.30	cps
Barium	135-1	4109	3601	3651	3787	7.40	cps
Barium	137-1	6494	6344	6760	6532	3.23	cps
Beryllium	9-1	456	533	550	513	9.83	cps
Bismuth	209-1	5792882	5720584	5510928	5674798	2.58	cps
Bismuth	209-2	1526081	1527178	1520726	1524662	0.23	cps
Boron	10-1	2492	2517	2334	2448	4.06	cps
Boron	11-1	12840	11772	11705	12106	5.26	cps
Cadmium	111-1	1066	1011	1102	1060	4.32	cps
Cadmium	106-1	1258	1225	1258	1247	1.54	cps
Cadmium	108-1	21	13	29	21	40.01	cps
Calcium	43-1	208291	208813	206089	207731	0.70	cps
Calcium	44-1	3484221	3463933	3452092	3466749	0.47	cps
Chromium	52-2	1590	1560	1540	1563	1.61	cps
Cobalt	59-2	1273	1300	1240	1271	2.37	cps
Copper	63-2	9814	9780	9880	9825	0.52	cps
Dysprosium	156-1	483	450	317	417	21.17	cps
Dysprosium	156-2	100	63	93	86	22.83	cps
Erbium	164-1	375	433	308	372	16.81	cps
Erbium	164-2	80	70	87	79	10.64	cps
Gadolinium	160-1	458	358	433	417	12.49	cps
Gadolinium	160-2	150	127	147	141	8.94	cps
Holmium	165-1	7976531	7941835	7651328	7856564	2.27	cps
Holmium	165-2	1847360	1851035	1824197	1840864	0.79	cps
Indium	115-1	6208250	6140439	5958891	6102527	2.11	cps
Indium	115-2	292503	292225	292059	292262	0.08	cps
Iron	56-2	7563	7280	7247	7363	2.36	cps
Iron	57-2	156	200	172	176	12.76	cps
Krypton	83-1	370	303	390	354	12.80	cps
Lead	206-1	1161	1189	945	1098	12.19	cps
Lead	207-1	928	911	1028	956	6.60	cps
Lead	208-1	4712	4612	4278	4534	5.01	cps
Lithium	6-1	1365280	1355176	1305442	1341966	2.39	cps
Magnesium	24-2	44730	43442	44111	44094	1.46	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:29:03	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	490	523	530	514	4.17	cps
Molybdenum	94-1	1125	1025	1042	1064	5.04	cps
Molybdenum	95-1	1192	983	1125	1100	9.67	cps
Molybdenum	96-1	1308	1142	1208	1220	6.88	cps
Molybdenum	97-1	842	783	792	806	3.92	cps
Molybdenum	98-1	1650	1892	2100	1881	11.98	cps
Neodymium	150-1	593	533	620	582	7.62	cps
Neodymium	150-2	103	87	93	94	8.88	cps
Nickel	60-2	3751	3667	3571	3663	2.46	cps
Phosphorus	31-2	92	217	83	131	57.21	cps
Potassium	39-2	41161	40442	41429	41011	1.24	cps
Rhodium	103-1	5785655	5732617	5563479	5693917	2.04	cps
Rhodium	103-2	1685953	1687061	1680677	1684564	0.20	cps
Scandium	45-1	3359485	3338354	3226718	3308186	2.16	cps
Scandium	45-2	29758	29274	28549	29194	2.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-7	57	12	21	157.75	cps
Silicon	28-1	13946382	13809249	13724810	13826814	0.81	cps
Silver	109-1	1759	2034	2234	2009	11.88	cps
Silver	107-1	2150	2134	2617	2300	11.93	cps
Sodium	23-2	394422	390603	387975	391000	0.83	cps
Strontium	86-1	92840	91087	90492	91473	1.33	cps
Strontium	88-1	793013	789027	783867	788636	0.58	cps
Sulfur	34-1	320654	322788	319240	320894	0.56	cps
Terbium	159-1	8397150	8186643	7909156	8164316	3.00	cps
Terbium	159-2	1783547	1787715	1736416	1769226	1.61	cps
Thallium	203-1	975	1183	1058	1072	9.78	cps
Thallium	205-1	2217	2659	2367	2414	9.31	cps
Tin	118-1	15685	16027	16061	15924	1.30	cps
Titanium	47-1	767	642	642	683	10.56	cps
Uranium	238-1	7211	7386	7619	7405	2.77	cps
Vanadium	51-2	130	113	117	120	7.35	cps
Yttrium	89-1	6177531	6038540	5862350	6026140	2.62	cps
Yttrium	89-2	213217	214636	211922	213258	0.64	cps
Zinc	66-2	10191	9694	10030	9972	2.54	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:29:03	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	867	717	767	783	9.75	cps
Zirconium	91-1	200	150	192	181	14.84	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02DUP	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163C	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:32:26	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	378	383	413	391	4.84	cps
Antimony	121-1	2234	2559	2417	2403	6.78	cps
Arsenic	75-2	7	9	15	10	36.70	cps
Barium	135-1	3876	3976	3842	3898	1.78	cps
Barium	137-1	6919	6902	6802	6874	0.92	cps
Beryllium	9-1	483	394	322	400	20.17	cps
Bismuth	209-1	5193076	5756739	5759315	5569710	5.86	cps
Bismuth	209-2	1548136	1542366	1507822	1532775	1.42	cps
Boron	10-1	2184	2192	2059	2145	3.48	cps
Boron	11-1	10579	10187	10154	10307	2.29	cps
Cadmium	111-1	825	1031	1050	969	12.87	cps
Cadmium	106-1	917	1142	1225	1095	14.57	cps
Cadmium	108-1	42	21	17	26	50.76	cps
Calcium	43-1	214254	213550	212417	213407	0.43	cps
Calcium	44-1	3552907	3518845	3478966	3516906	1.05	cps
Chromium	52-2	1497	1593	1540	1543	3.14	cps
Cobalt	59-2	1353	1343	1290	1329	2.56	cps
Copper	63-2	10351	10247	10307	10302	0.50	cps
Dysprosium	156-1	392	483	492	456	12.18	cps
Dysprosium	156-2	110	143	120	124	13.75	cps
Erbium	164-1	308	333	308	317	4.56	cps
Erbium	164-2	53	83	63	67	22.92	cps
Gadolinium	160-1	433	517	417	456	11.76	cps
Gadolinium	160-2	133	93	137	121	19.91	cps
Holmium	165-1	7318752	8009622	8054995	7794456	5.29	cps
Holmium	165-2	1867291	1852788	1818531	1846203	1.36	cps
Indium	115-1	5594703	6118503	6102815	5938673	5.02	cps
Indium	115-2	292655	288113	286318	289029	1.13	cps
Iron	56-2	7452	7391	7675	7506	1.99	cps
Iron	57-2	222	178	200	200	11.11	cps
Krypton	83-1	273	313	340	309	10.86	cps
Lead	206-1	950	1000	1022	991	3.73	cps
Lead	207-1	861	872	900	878	2.28	cps
Lead	208-1	4045	4150	4250	4149	2.48	cps
Lithium	6-1	1244192	1318082	1336240	1299505	3.75	cps
Magnesium	24-2	44537	44228	44705	44490	0.54	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02DUP	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163C	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:32:26	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	443	423	467	444	4.88	cps
Molybdenum	94-1	692	850	608	717	17.13	cps
Molybdenum	95-1	867	508	825	733	26.72	cps
Molybdenum	96-1	867	742	742	783	9.21	cps
Molybdenum	97-1	442	558	458	486	12.98	cps
Molybdenum	98-1	1133	983	1308	1142	14.25	cps
Neodymium	150-1	600	573	673	616	8.41	cps
Neodymium	150-2	123	87	113	108	17.59	cps
Nickel	60-2	3951	3597	3744	3764	4.72	cps
Phosphorus	31-2	200	158	133	164	20.55	cps
Potassium	39-2	40041	40944	40726	40570	1.16	cps
Rhodium	103-1	5180102	5721864	5679274	5527080	5.45	cps
Rhodium	103-2	1689834	1674917	1642403	1669051	1.45	cps
Scandium	45-1	2916636	3293256	3315144	3175012	7.06	cps
Scandium	45-2	29187	28840	28532	28853	1.14	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	101	76	-3	58	93.63	cps
Silicon	28-1	14224102	13951073	13827536	14000904	1.45	cps
Silver	109-1	2050	2267	2475	2264	9.39	cps
Silver	107-1	2017	2475	2367	2286	10.48	cps
Sodium	23-2	395439	393520	385969	391643	1.28	cps
Strontium	86-1	94400	92764	93427	93530	0.88	cps
Strontium	88-1	822167	810885	801535	811529	1.27	cps
Sulfur	34-1	315993	314576	313891	314820	0.34	cps
Terbium	159-1	7501673	8253168	8301551	8018797	5.59	cps
Terbium	159-2	1816866	1787767	1794727	1799787	0.84	cps
Thallium	203-1	750	725	942	806	14.71	cps
Thallium	205-1	1925	2142	1975	2014	5.63	cps
Tin	118-1	16119	16244	15493	15952	2.52	cps
Titanium	47-1	567	592	458	539	13.15	cps
Uranium	238-1	7894	7636	6794	7441	7.73	cps
Vanadium	51-2	127	117	117	120	4.81	cps
Yttrium	89-1	5599511	6072768	6069728	5914002	4.61	cps
Yttrium	89-2	212759	209666	208245	210223	1.10	cps
Zinc	66-2	10037	10377	9884	10099	2.50	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02DUP	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163C	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:32:26	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	900	800	781	16.69	cps
Zirconium	91-1	192	142	175	169	15.03	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02LX5	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:35:48	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	110	100	102	7.51	cps
Antimony	121-1	1817	1759	1809	1795	1.76	cps
Arsenic	75-2	2	6	11	6	75.49	cps
Barium	135-1	775	842	800	806	4.18	cps
Barium	137-1	1283	1408	1108	1267	11.90	cps
Beryllium	9-1	239	233	222	231	3.67	cps
Bismuth	209-1	5035449	5320235	5280852	5212179	2.96	cps
Bismuth	209-2	1421065	1403969	1395907	1406980	0.91	cps
Boron	10-1	1058	1283	1258	1200	10.28	cps
Boron	11-1	5460	5235	5501	5398	2.66	cps
Cadmium	111-1	723	785	759	756	4.15	cps
Cadmium	106-1	1008	1033	1042	1028	1.69	cps
Cadmium	108-1	29	13	17	19	44.61	cps
Calcium	43-1	37142	35997	38203	37114	2.97	cps
Calcium	44-1	619250	620223	616602	618692	0.30	cps
Chromium	52-2	630	693	643	656	5.09	cps
Cobalt	59-2	273	283	243	267	7.81	cps
Copper	63-2	2287	2384	2217	2296	3.65	cps
Dysprosium	156-1	42	75	83	67	33.07	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	108	108	117	111	4.33	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	142	83	75	100	36.32	cps
Gadolinium	160-2	30	20	13	21	39.75	cps
Holmium	165-1	7058348	7369000	7352345	7259898	2.41	cps
Holmium	165-2	1759977	1694973	1697300	1717417	2.15	cps
Indium	115-1	5353534	5638588	5660814	5550979	3.09	cps
Indium	115-2	271955	267491	264902	268116	1.33	cps
Iron	56-2	2656	2706	2439	2600	5.45	cps
Iron	57-2	33	89	33	52	61.87	cps
Krypton	83-1	367	320	330	339	7.25	cps
Lead	206-1	1217	1183	1461	1287	11.79	cps
Lead	207-1	950	895	1050	965	8.17	cps
Lead	208-1	4295	4517	5073	4628	8.66	cps
Lithium	6-1	1182720	1236372	1222836	1213976	2.30	cps
Magnesium	24-2	8286	8603	8028	8306	3.47	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02LX5	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:35:48	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	113	93	107	10.82	cps
Molybdenum	94-1	600	483	592	558	11.66	cps
Molybdenum	95-1	442	417	442	433	3.33	cps
Molybdenum	96-1	542	583	325	483	28.70	cps
Molybdenum	97-1	333	275	308	306	9.58	cps
Molybdenum	98-1	608	458	633	567	16.70	cps
Neodymium	150-1	127	87	133	116	21.84	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	917	910	847	891	4.34	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	9412	9829	9379	9540	2.63	cps
Rhodium	103-1	5076525	5257228	5306629	5213461	2.32	cps
Rhodium	103-2	1576036	1546990	1512402	1545143	2.06	cps
Scandium	45-1	2869064	3032034	3034302	2978467	3.18	cps
Scandium	45-2	27347	26816	26549	26904	1.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-15	44	42	24	140.96	cps
Silicon	28-1	2662540	2644101	2625038	2643893	0.71	cps
Silver	109-1	1167	1017	750	978	21.58	cps
Silver	107-1	1083	1233	1142	1153	6.56	cps
Sodium	23-2	78366	77076	78316	77919	0.94	cps
Strontium	86-1	17754	16936	17470	17387	2.39	cps
Strontium	88-1	142772	142057	141131	141987	0.58	cps
Sulfur	34-1	283542	283361	280489	282464	0.61	cps
Terbium	159-1	7317398	7643937	7649801	7537045	2.52	cps
Terbium	159-2	1681504	1679492	1648041	1669679	1.12	cps
Thallium	203-1	383	400	383	389	2.47	cps
Thallium	205-1	833	992	883	903	8.97	cps
Tin	118-1	3459	3701	3317	3492	5.55	cps
Titanium	47-1	283	200	242	242	17.24	cps
Uranium	238-1	1592	1342	1450	1461	8.58	cps
Vanadium	51-2	43	13	40	32	51.04	cps
Yttrium	89-1	5355080	5579376	5628492	5520983	2.64	cps
Yttrium	89-2	197492	196529	195105	196375	0.61	cps
Zinc	66-2	1827	1823	1964	1871	4.27	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02LX5	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-08 13:35:48	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	717	683	892	764	14.65	cps
Zirconium	91-1	250	242	150	214	25.94	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : J5313-02MS Instrumnet Name : P8
 Client Sample ID : 380919734.0-PBCU163M Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:39:22 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14186	13985	13953	14041	0.90	cps
Antimony	121-1	5898409	5725335	5785943	5803229	1.51	cps
Arsenic	75-2	92991	92398	91375	92255	0.89	cps
Barium	135-1	444169	438497	438031	440232	0.78	cps
Barium	137-1	771870	766507	759675	766017	0.80	cps
Beryllium	9-1	281050	281901	279407	280786	0.45	cps
Bismuth	209-1	5885134	5874213	5856905	5872084	0.24	cps
Bismuth	209-2	1532370	1402820	1537877	1491022	5.13	cps
Boron	10-1	46677	48374	48316	47789	2.02	cps
Boron	11-1	227890	233744	235646	232427	1.74	cps
Cadmium	111-1	460843	458600	454523	457989	0.70	cps
Cadmium	106-1	41933	41941	41272	41716	0.92	cps
Cadmium	108-1	30096	30042	29612	29917	0.89	cps
Calcium	43-1	225152	227209	223950	225437	0.73	cps
Calcium	44-1	3772469	3718282	3666692	3719148	1.42	cps
Chromium	52-2	364433	362522	360225	362393	0.58	cps
Cobalt	59-2	403541	401979	399275	401598	0.54	cps
Copper	63-2	541693	540881	531623	538066	1.04	cps
Dysprosium	156-1	403401	406068	400189	403219	0.73	cps
Dysprosium	156-2	9810	9303	9450	9521	2.74	cps
Erbium	164-1	367	375	467	403	13.78	cps
Erbium	164-2	37	87	87	70	41.24	cps
Gadolinium	160-1	617	575	575	589	4.09	cps
Gadolinium	160-2	123	103	93	107	14.32	cps
Holmium	165-1	8109018	8058715	7933655	8033796	1.12	cps
Holmium	165-2	1851143	1707457	1838787	1799129	4.43	cps
Indium	115-1	6022446	6033699	5952979	6003041	0.73	cps
Indium	115-2	278209	255128	278765	270701	4.98	cps
Iron	56-2	1962790	1975714	1954679	1964395	0.54	cps
Iron	57-2	47342	48702	47191	47745	1.74	cps
Krypton	83-1	350	277	377	334	15.48	cps
Lead	206-1	7603856	7528394	7508558	7546936	0.67	cps
Lead	207-1	6821031	6777999	6737053	6778694	0.62	cps
Lead	208-1	30858575	30813164	30705025	30792255	0.26	cps
Lithium	6-1	1346035	1340110	1320051	1335398	1.02	cps
Magnesium	24-2	109931	107714	108655	108767	1.02	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : J5313-02MS Instrumnet Name : P8
 Client Sample ID : 380919734.0-PBCU163M Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 13:39:22 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53459	53633	52953	53348	0.66	cps
Molybdenum	94-1	697947	684871	685467	689428	1.07	cps
Molybdenum	95-1	1226313	1206523	1193202	1208679	1.38	cps
Molybdenum	96-1	1320418	1316118	1297980	1311505	0.91	cps
Molybdenum	97-1	767299	761864	756797	761986	0.69	cps
Molybdenum	98-1	1994917	2002619	1961787	1986441	1.09	cps
Neodymium	150-1	627	700	720	682	7.20	cps
Neodymium	150-2	87	70	103	87	19.23	cps
Nickel	60-2	301530	299613	295237	298793	1.08	cps
Phosphorus	31-2	3159	2884	2775	2939	6.73	cps
Potassium	39-2	207641	207608	204818	206689	0.78	cps
Rhodium	103-1	5742706	5680539	5550881	5658042	1.73	cps
Rhodium	103-2	1646817	1508976	1633906	1596567	4.77	cps
Scandium	45-1	3244199	3238787	3199789	3227592	0.75	cps
Scandium	45-2	27791	25103	27788	26894	5.77	cps
Selenium	77-2	1697	1697	1697	1697	0.00	cps
Selenium	78-2	5866	5809	5777	5817	0.78	cps
Selenium	82-1	272909	272212	268517	271213	0.87	cps
Silicon	28-1	16772477	16450088	16165862	16462809	1.84	cps
Silver	109-1	779469	770525	765464	771820	0.92	cps
Silver	107-1	818912	819523	807664	815366	0.82	cps
Sodium	23-2	593230	588681	578486	586799	1.29	cps
Strontium	86-1	595134	588826	586599	590187	0.75	cps
Strontium	88-1	5309336	5232002	5146051	5229130	1.56	cps
Sulfur	34-1	302945	299841	296212	299666	1.12	cps
Terbium	159-1	8316023	8398629	8205250	8306634	1.17	cps
Terbium	159-2	1777380	1628312	1782346	1729346	5.06	cps
Thallium	203-1	18639683	18410169	18261727	18437193	1.03	cps
Thallium	205-1	44831714	44344660	44300419	44492264	0.66	cps
Tin	118-1	3713293	3665228	3632324	3670282	1.11	cps
Titanium	47-1	151764	149651	148513	149976	1.10	cps
Uranium	238-1	7636	7561	7945	7714	2.63	cps
Vanadium	51-2	201706	201743	197386	200278	1.25	cps
Yttrium	89-1	6126601	6021740	5986561	6044967	1.21	cps
Yttrium	89-2	209361	189143	206290	201598	5.40	cps
Zinc	66-2	43716	44401	43772	43963	0.87	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MS	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:39:22	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13232	10112	10132	11159	16.09	cps
Zirconium	91-1	3459	2867	2567	2964	15.31	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MSD	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:42:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13798	13758	13557	13704	0.94	cps
Antimony	121-1	7747037	7685317	7572005	7668120	1.16	cps
Arsenic	75-2	92525	92335	90976	91946	0.92	cps
Barium	135-1	448544	443442	440027	444004	0.97	cps
Barium	137-1	774764	771194	771785	772581	0.25	cps
Beryllium	9-1	277628	275695	273664	275663	0.72	cps
Bismuth	209-1	5905985	5892861	5885472	5894773	0.18	cps
Bismuth	209-2	1525080	1459348	1496520	1493650	2.21	cps
Boron	10-1	48106	48642	50164	48971	2.18	cps
Boron	11-1	229880	234368	238424	234224	1.82	cps
Cadmium	111-1	461934	464001	459908	461948	0.44	cps
Cadmium	106-1	41624	40328	41256	41069	1.63	cps
Cadmium	108-1	30343	30481	30172	30332	0.51	cps
Calcium	43-1	221293	218328	220449	220023	0.69	cps
Calcium	44-1	3622291	3602339	3573058	3599229	0.69	cps
Chromium	52-2	359889	356903	354831	357208	0.71	cps
Cobalt	59-2	400055	400789	396786	399210	0.53	cps
Copper	63-2	538950	534790	535503	536414	0.41	cps
Dysprosium	156-1	406084	407192	403177	405485	0.51	cps
Dysprosium	156-2	9747	9744	9640	9710	0.62	cps
Erbium	164-1	425	375	425	408	7.07	cps
Erbium	164-2	53	83	90	76	25.85	cps
Gadolinium	160-1	542	608	608	586	6.57	cps
Gadolinium	160-2	130	107	130	122	11.02	cps
Holmium	165-1	8201018	8137310	8096802	8145043	0.65	cps
Holmium	165-2	1875278	1756356	1810147	1813927	3.28	cps
Indium	115-1	5971573	5957021	5954386	5960994	0.16	cps
Indium	115-2	272521	257233	267351	265702	2.93	cps
Iron	56-2	1961415	1922287	1906219	1929974	1.47	cps
Iron	57-2	47565	47002	46595	47054	1.03	cps
Krypton	83-1	320	317	223	287	19.14	cps
Lead	206-1	7733075	7759740	7586741	7693185	1.21	cps
Lead	207-1	6931137	6975155	6876003	6927431	0.72	cps
Lead	208-1	31374231	31516168	31169488	31353295	0.56	cps
Lithium	6-1	1314493	1293857	1302269	1303540	0.80	cps
Magnesium	24-2	106086	105616	104492	105398	0.78	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MSD	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:42:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52927	52897	51501	52442	1.55	cps
Molybdenum	94-1	917097	910324	912021	913147	0.39	cps
Molybdenum	95-1	1662580	1622659	1623416	1636218	1.40	cps
Molybdenum	96-1	1791877	1761121	1795595	1782864	1.06	cps
Molybdenum	97-1	1015102	1003160	998824	1005695	0.84	cps
Molybdenum	98-1	2652495	2630694	2604219	2629136	0.92	cps
Neodymium	150-1	567	673	627	622	8.59	cps
Neodymium	150-2	87	90	93	90	3.71	cps
Nickel	60-2	297805	294543	291484	294611	1.07	cps
Phosphorus	31-2	2750	3025	3092	2956	6.13	cps
Potassium	39-2	206442	202925	201099	203489	1.33	cps
Rhodium	103-1	5685536	5637400	5606596	5643178	0.71	cps
Rhodium	103-2	1645108	1569150	1615942	1610067	2.38	cps
Scandium	45-1	3180968	3160506	3140303	3160592	0.64	cps
Scandium	45-2	26742	24922	26285	25983	3.64	cps
Selenium	77-2	1733	1577	1720	1677	5.18	cps
Selenium	78-2	5824	5820	5635	5759	1.88	cps
Selenium	82-1	272046	269901	271236	271061	0.40	cps
Silicon	28-1	16883305	16599163	16680500	16720989	0.88	cps
Silver	109-1	782035	776501	770797	776444	0.72	cps
Silver	107-1	817801	818038	814790	816876	0.22	cps
Sodium	23-2	579377	571678	566326	572460	1.15	cps
Strontium	86-1	585609	587590	584655	585951	0.26	cps
Strontium	88-1	5162381	5143604	5176356	5160780	0.32	cps
Sulfur	34-1	285990	279988	281007	282328	1.14	cps
Terbium	159-1	8388985	8308517	8364308	8353937	0.49	cps
Terbium	159-2	1793790	1702987	1757512	1751430	2.61	cps
Thallium	203-1	18829224	18805936	18726473	18787211	0.29	cps
Thallium	205-1	45688600	45170167	44725095	45194620	1.07	cps
Tin	118-1	4925058	4864495	4833542	4874365	0.95	cps
Titanium	47-1	196873	196187	193197	195419	1.00	cps
Uranium	238-1	7561	7628	7794	7661	1.57	cps
Vanadium	51-2	197982	197353	194692	196676	0.89	cps
Yttrium	89-1	5992534	5915526	5912172	5940077	0.77	cps
Yttrium	89-2	202514	191016	198882	197470	2.98	cps
Zinc	66-2	44274	43722	42759	43585	1.76	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02MSD	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163M	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:42:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6118	4884	4626	5210	15.31	cps
Zirconium	91-1	1767	1734	1667	1722	2.96	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02A	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:45:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13467	13042	13425	13311	1.76	cps
Antimony	121-1	6712915	6621190	6609424	6647843	0.85	cps
Arsenic	75-2	88909	89468	89023	89134	0.33	cps
Barium	135-1	445439	448848	444149	446145	0.54	cps
Barium	137-1	770430	771937	774607	772325	0.27	cps
Beryllium	9-1	275547	271244	270215	272335	1.04	cps
Bismuth	209-1	5968108	5935298	5920869	5941425	0.41	cps
Bismuth	209-2	1486963	1507996	1498206	1497722	0.70	cps
Boron	10-1	47447	48165	49177	48263	1.80	cps
Boron	11-1	231199	235561	236172	234311	1.16	cps
Cadmium	111-1	464170	458806	461617	461531	0.58	cps
Cadmium	106-1	41423	41882	42226	41844	0.96	cps
Cadmium	108-1	30556	30146	29750	30151	1.34	cps
Calcium	43-1	219235	220439	215038	218237	1.30	cps
Calcium	44-1	3572350	3564341	3548557	3561750	0.34	cps
Chromium	52-2	352369	347452	345979	348600	0.96	cps
Cobalt	59-2	393111	389071	385566	389249	0.97	cps
Copper	63-2	526637	521009	519008	522218	0.76	cps
Dysprosium	156-1	410627	408987	408547	409387	0.27	cps
Dysprosium	156-2	9487	9373	9467	9442	0.64	cps
Erbium	164-1	317	467	450	411	20.00	cps
Erbium	164-2	90	87	50	76	29.38	cps
Gadolinium	160-1	592	658	642	631	5.50	cps
Gadolinium	160-2	160	123	110	131	19.75	cps
Holmium	165-1	8121866	8084531	8070167	8092188	0.33	cps
Holmium	165-2	1781893	1835407	1820088	1812463	1.52	cps
Indium	115-1	6068418	5936029	5942227	5982225	1.25	cps
Indium	115-2	263781	267032	267889	266234	0.81	cps
Iron	56-2	1911170	1864398	1859071	1878213	1.53	cps
Iron	57-2	46662	45831	45620	46038	1.20	cps
Krypton	83-1	283	357	337	326	11.64	cps
Lead	206-1	7805955	7706478	7640612	7717682	1.08	cps
Lead	207-1	7034300	6999116	6893925	6975780	1.05	cps
Lead	208-1	31693212	31515763	31372178	31527051	0.51	cps
Lithium	6-1	1316137	1301495	1299314	1305649	0.70	cps
Magnesium	24-2	101838	102206	100537	101527	0.86	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02A	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:45:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51254	50374	50933	50853	0.88	cps
Molybdenum	94-1	793637	789907	777939	787161	1.04	cps
Molybdenum	95-1	1396995	1421085	1403153	1407078	0.89	cps
Molybdenum	96-1	1520683	1530837	1529758	1527093	0.37	cps
Molybdenum	97-1	877463	872016	865845	871775	0.67	cps
Molybdenum	98-1	2291489	2283572	2264039	2279700	0.62	cps
Neodymium	150-1	693	727	533	651	15.87	cps
Neodymium	150-2	80	97	97	91	10.56	cps
Nickel	60-2	292176	289318	286224	289239	1.03	cps
Phosphorus	31-2	2750	3192	2925	2956	7.53	cps
Potassium	39-2	196342	195547	196882	196257	0.34	cps
Rhodium	103-1	5685336	5636315	5673992	5665214	0.45	cps
Rhodium	103-2	1573832	1613921	1578196	1588650	1.38	cps
Scandium	45-1	3124824	3138147	3096691	3119887	0.68	cps
Scandium	45-2	25593	25740	25383	25572	0.70	cps
Selenium	77-2	1463	1497	1633	1531	5.88	cps
Selenium	78-2	5492	5824	5409	5575	3.94	cps
Selenium	82-1	270437	267141	266579	268052	0.78	cps
Silicon	28-1	16334069	16280088	15984628	16199595	1.16	cps
Silver	109-1	773500	770137	769973	771203	0.26	cps
Silver	107-1	817442	811918	808528	812629	0.55	cps
Sodium	23-2	561889	556053	553899	557281	0.74	cps
Strontium	86-1	588507	581639	572351	580832	1.40	cps
Strontium	88-1	5210990	5186565	5125301	5174285	0.85	cps
Sulfur	34-1	280199	278554	275970	278241	0.77	cps
Terbium	159-1	8373801	8334037	8366252	8358030	0.25	cps
Terbium	159-2	1713181	1760122	1750982	1741428	1.43	cps
Thallium	203-1	18970110	18840994	18667656	18826254	0.81	cps
Thallium	205-1	45923471	45378211	45264247	45521976	0.77	cps
Tin	118-1	4301527	4282119	4256542	4280062	0.53	cps
Titanium	47-1	169986	171117	166713	169272	1.35	cps
Uranium	238-1	7778	7669	7644	7697	0.92	cps
Vanadium	51-2	194973	189705	189675	191451	1.59	cps
Yttrium	89-1	6010648	5934248	5909465	5951454	0.89	cps
Yttrium	89-2	194912	198131	196021	196355	0.83	cps
Zinc	66-2	43348	41749	41994	42364	2.03	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-02A	Instrumnet Name :	P8
Client Sample ID :	380919734.0-PBCU163A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:45:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3567	2759	2900	3076	14.04	cps
Zirconium	91-1	1283	1350	1375	1336	3.55	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-03	Instrumnet Name :	P8
Client Sample ID :	380912063	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:49:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	320	403	374	12.54	cps
Antimony	121-1	18272	18547	17737	18185	2.26	cps
Arsenic	75-2	28	44	61	44	37.49	cps
Barium	135-1	19073	18372	18539	18661	1.96	cps
Barium	137-1	34162	33619	33243	33675	1.37	cps
Beryllium	9-1	344	356	267	322	15.03	cps
Bismuth	209-1	5906183	5648671	5927315	5827389	2.66	cps
Bismuth	209-2	1515141	1493860	1494296	1501099	0.81	cps
Boron	10-1	4809	4726	4668	4734	1.50	cps
Boron	11-1	23153	21901	21475	22176	3.93	cps
Cadmium	111-1	935	689	912	845	16.08	cps
Cadmium	106-1	1183	883	1158	1075	15.49	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	281222	276499	277145	278289	0.92	cps
Calcium	44-1	4616189	4563098	4558956	4579414	0.70	cps
Chromium	52-2	590	560	580	577	2.65	cps
Cobalt	59-2	97	90	73	87	13.87	cps
Copper	63-2	129345	129510	129493	129449	0.07	cps
Dysprosium	156-1	117	108	108	111	4.33	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	25	50	67	47	44.41	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	33	83	42	91.66	cps
Gadolinium	160-2	13	23	23	20	28.87	cps
Holmium	165-1	8084630	7749229	8097707	7977188	2.48	cps
Holmium	165-2	1821705	1819130	1796918	1812584	0.75	cps
Indium	115-1	6025126	5775171	6081895	5960731	2.74	cps
Indium	115-2	276691	274672	270873	274079	1.08	cps
Iron	56-2	9743	10221	10110	10024	2.50	cps
Iron	57-2	339	256	256	283	16.98	cps
Krypton	83-1	337	407	390	378	9.68	cps
Lead	206-1	76585	75546	74222	75451	1.57	cps
Lead	207-1	59177	58401	56962	58180	1.93	cps
Lead	208-1	285294	281467	277007	281256	1.47	cps
Lithium	6-1	1333101	1244254	1303267	1293541	3.50	cps
Magnesium	24-2	111073	110410	112056	111180	0.74	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-03	Instrumnet Name :	P8
Client Sample ID :	380912063	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:49:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280	297	317	298	6.17	cps
Molybdenum	94-1	1742	1383	1742	1622	12.75	cps
Molybdenum	95-1	2234	2309	2300	2281	1.80	cps
Molybdenum	96-1	2809	2542	2184	2511	12.49	cps
Molybdenum	97-1	1500	1242	1400	1381	9.44	cps
Molybdenum	98-1	3767	3501	3492	3587	4.36	cps
Neodymium	150-1	20	7	40	22	75.49	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	460	433	390	428	8.26	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12873	13040	12765	12893	1.08	cps
Rhodium	103-1	5629620	5339689	5513213	5494174	2.66	cps
Rhodium	103-2	1597434	1601018	1558182	1585545	1.50	cps
Scandium	45-1	3054815	2985459	3076238	3038837	1.56	cps
Scandium	45-2	25740	26338	24936	25671	2.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	0	5	86.60	cps
Selenium	82-1	42	30	-2	23	98.64	cps
Silicon	28-1	12512205	12377313	12323605	12404374	0.78	cps
Silver	109-1	1458	1467	1283	1403	7.38	cps
Silver	107-1	1609	1709	1525	1614	5.69	cps
Sodium	23-2	1762037	1759065	1739582	1753561	0.70	cps
Strontium	86-1	97833	96263	95733	96610	1.13	cps
Strontium	88-1	845456	835954	827317	836242	1.08	cps
Sulfur	34-1	325981	323307	323833	324374	0.44	cps
Terbium	159-1	8399299	8034151	8333140	8255530	2.36	cps
Terbium	159-2	1780571	1767667	1741357	1763198	1.13	cps
Thallium	203-1	4559	4026	3442	4009	13.94	cps
Thallium	205-1	11064	10421	8812	10099	11.49	cps
Tin	118-1	14767	14033	13499	14100	4.52	cps
Titanium	47-1	492	483	350	442	18.00	cps
Uranium	238-1	208	217	208	211	2.28	cps
Vanadium	51-2	93	80	113	96	17.56	cps
Yttrium	89-1	5932591	5694790	5874128	5833836	2.12	cps
Yttrium	89-2	198418	196825	194419	196554	1.02	cps
Zinc	66-2	2274	2400	2447	2374	3.78	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	J5313-03	Instrumnet Name :	P8
Client Sample ID :	380912063	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:49:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1125	1008	1367	1167	15.67	cps
Zirconium	91-1	308	275	342	308	10.81	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:52:57	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	334845	329599	330253	331565	0.86	cps
Antimony	121-1	4468174	4535008	4482294	4495158	0.78	cps
Arsenic	75-2	51964	51031	52131	51709	1.15	cps
Barium	135-1	4891320	4950978	4919078	4920459	0.61	cps
Barium	137-1	8433341	8491565	8463329	8462745	0.34	cps
Beryllium	9-1	603924	609562	605135	606207	0.49	cps
Bismuth	209-1	4967522	4859897	5081849	4969756	2.23	cps
Bismuth	209-2	1286813	1272274	1274893	1277993	0.61	cps
Boron	10-1	68640	72040	73044	71241	3.24	cps
Boron	11-1	332902	341252	346802	340319	2.06	cps
Cadmium	111-1	973486	977480	981043	977336	0.39	cps
Cadmium	106-1	100598	103704	102546	102283	1.53	cps
Cadmium	108-1	69738	69574	69931	69748	0.26	cps
Calcium	43-1	4417745	4406720	4410781	4411749	0.13	cps
Calcium	44-1	71053685	71545995	71117675	71239118	0.38	cps
Chromium	52-2	418480	415888	417800	417389	0.32	cps
Cobalt	59-2	863218	859102	860972	861097	0.24	cps
Copper	63-2	1437691	1436866	1436743	1437100	0.04	cps
Dysprosium	156-1	142	117	58	106	40.51	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	58	50	8	39	68.89	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	83	75	117	92	24.06	cps
Gadolinium	160-2	13	17	27	19	36.75	cps
Holmium	165-1	7164156	7130181	7363776	7219371	1.75	cps
Holmium	165-2	1677599	1636622	1656087	1656769	1.24	cps
Indium	115-1	5163589	5077416	5234369	5158458	1.52	cps
Indium	115-2	242643	237998	237221	239288	1.23	cps
Iron	56-2	68634753	68350252	68807577	68597527	0.34	cps
Iron	57-2	1763167	1761237	1751529	1758644	0.35	cps
Krypton	83-1	317	377	353	349	8.67	cps
Lead	206-1	3388427	3392399	3383308	3388045	0.13	cps
Lead	207-1	3130391	3121673	3119993	3124019	0.18	cps
Lead	208-1	13856398	13873403	13845077	13858293	0.10	cps
Lithium	6-1	1077753	1075025	1120764	1091181	2.35	cps
Magnesium	24-2	7152563	7128179	7183209	7154650	0.39	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:52:57	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	236094	236497	237819	236803	0.38	cps
Molybdenum	94-1	7458724	7487443	7431874	7459347	0.37	cps
Molybdenum	95-1	9236279	9294679	9227404	9252787	0.40	cps
Molybdenum	96-1	10342868	10378160	10338332	10353120	0.21	cps
Molybdenum	97-1	5847689	5901985	5777823	5842499	1.07	cps
Molybdenum	98-1	14699815	14859233	14811752	14790267	0.55	cps
Neodymium	150-1	273	247	280	267	6.61	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	258347	257314	256930	257530	0.28	cps
Phosphorus	31-2	4142	4393	4009	4181	4.66	cps
Potassium	39-2	1919522	1878823	1893881	1897409	1.08	cps
Rhodium	103-1	4638929	4594041	4764244	4665738	1.89	cps
Rhodium	103-2	1346663	1338544	1334032	1339746	0.48	cps
Scandium	45-1	2764438	2715913	2853731	2778028	2.52	cps
Scandium	45-2	24184	23133	23864	23727	2.27	cps
Selenium	77-2	327	400	380	369	10.28	cps
Selenium	78-2	1296	1220	1165	1227	5.38	cps
Selenium	82-1	57216	57560	57257	57344	0.33	cps
Silicon	28-1	1948480	1942947	1965187	1952205	0.59	cps
Silver	109-1	4492092	4529667	4570205	4530654	0.86	cps
Silver	107-1	4746284	4773403	4749077	4756255	0.31	cps
Sodium	23-2	15836476	15771013	15738189	15781893	0.32	cps
Strontium	86-1	1120183	1126396	1127002	1124527	0.34	cps
Strontium	88-1	9912483	9894038	9969257	9925259	0.39	cps
Sulfur	34-1	521853	520088	519286	520409	0.25	cps
Terbium	159-1	7397089	7262158	7592174	7417140	2.24	cps
Terbium	159-2	1577089	1574755	1543943	1565262	1.18	cps
Thallium	203-1	4180531	4204944	4133209	4172895	0.87	cps
Thallium	205-1	9898248	9984970	9920925	9934714	0.45	cps
Tin	118-1	3167609	3164123	3135327	3155686	0.56	cps
Titanium	47-1	2236793	2236260	2223612	2232222	0.33	cps
Uranium	238-1	14196816	14352401	14143760	14230993	0.76	cps
Vanadium	51-2	299634	296388	296398	297473	0.63	cps
Yttrium	89-1	5236263	5186138	5363485	5261962	1.74	cps
Yttrium	89-2	180449	179054	179221	179575	0.42	cps
Zinc	66-2	143904	144011	144506	144140	0.22	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 13:52:57	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6268685	6215996	6243045	6242575	0.42	cps
Zirconium	91-1	1401201	1398822	1413802	1404608	0.57	cps

LB Number : LB98448 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P8
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-08 14:02:48 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	18	15	13	52.92	cps
Antimony	121-1	4393	5310	5126	4943	9.82	cps
Arsenic	75-2	4	11	7	7	50.02	cps
Barium	135-1	25	25	67	39	61.86	cps
Barium	137-1	158	92	83	111	37.00	cps
Beryllium	9-1	267	261	244	257	4.49	cps
Bismuth	209-1	5189917	5080042	5087665	5119208	1.20	cps
Bismuth	209-2	1389713	1380559	1427551	1399274	1.78	cps
Boron	10-1	1458	1517	1283	1420	8.56	cps
Boron	11-1	6335	6218	6343	6299	1.11	cps
Cadmium	111-1	859	698	807	788	10.45	cps
Cadmium	106-1	1192	933	1100	1075	12.18	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	250	283	250	261	7.37	cps
Calcium	44-1	11464	10596	10971	11010	3.95	cps
Chromium	52-2	513	363	387	421	19.17	cps
Cobalt	59-2	43	37	33	38	13.48	cps
Copper	63-2	497	363	437	432	15.45	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	7192143	7008066	7051814	7084008	1.36	cps
Holmium	165-2	1685419	1689056	1707415	1693963	0.70	cps
Indium	115-1	5510717	5349614	5383469	5414600	1.57	cps
Indium	115-2	262614	260639	264930	262728	0.82	cps
Iron	56-2	1706	1639	1645	1663	2.22	cps
Iron	57-2	67	50	44	54	21.53	cps
Krypton	83-1	313	347	323	328	5.22	cps
Lead	206-1	600	578	650	609	6.07	cps
Lead	207-1	578	361	456	465	23.37	cps
Lead	208-1	2317	2078	2328	2241	6.30	cps
Lithium	6-1	1189448	1157412	1168984	1171948	1.38	cps
Magnesium	24-2	367	342	300	336	10.02	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 14:02:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	23	47	36	32.93	cps
Molybdenum	94-1	933	925	1083	981	9.09	cps
Molybdenum	95-1	692	675	683	683	1.22	cps
Molybdenum	96-1	892	1025	850	922	9.91	cps
Molybdenum	97-1	575	583	625	594	4.51	cps
Molybdenum	98-1	1125	1383	1192	1233	10.88	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	240	243	242	0.79	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2359	2400	2284	2348	2.52	cps
Rhodium	103-1	5139008	5002919	4966254	5036060	1.81	cps
Rhodium	103-2	1485323	1471430	1520318	1492357	1.69	cps
Scandium	45-1	2834756	2821089	2778749	2811531	1.04	cps
Scandium	45-2	24752	24598	25690	25014	2.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	42	-10	43	25	119.62	cps
Silicon	28-1	163254	161222	162159	162212	0.63	cps
Silver	109-1	425	425	408	419	2.29	cps
Silver	107-1	375	358	350	361	3.52	cps
Sodium	23-2	8511	8028	8069	8203	3.27	cps
Strontium	86-1	592	633	633	619	3.88	cps
Strontium	88-1	192	167	117	158	24.12	cps
Sulfur	34-1	285902	284314	286169	285462	0.35	cps
Terbium	159-1	7419854	7295842	7316837	7344178	0.90	cps
Terbium	159-2	1636975	1610808	1689241	1645675	2.43	cps
Thallium	203-1	1350	1208	1092	1217	10.63	cps
Thallium	205-1	2834	2559	2542	2645	6.19	cps
Tin	118-1	1383	1283	1333	1333	3.75	cps
Titanium	47-1	83	75	100	86	14.79	cps
Uranium	238-1	150	167	142	153	8.33	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	5355424	5202192	5262067	5273228	1.46	cps
Yttrium	89-2	188740	187886	192614	189747	1.33	cps
Zinc	66-2	137	133	170	147	13.82	cps

LB Number :	LB98448	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-08 14:02:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1142	1584	1408	1378	16.14	cps
Zirconium	91-1	267	283	408	319	24.24	cps