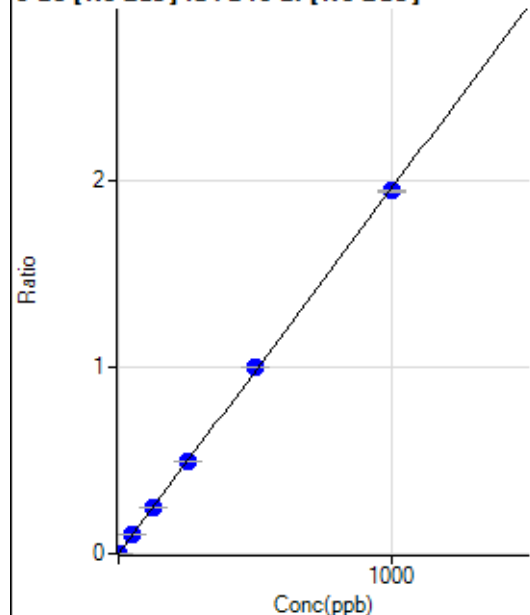


Batch Folder: D:\P8041119 MS.b\
Analysis File: P8041119 MS.batch.bin
DA Date-Time: 2019-04-12 13:07:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-11 15:29:39
2			
3	005CALS.d	S02	2019-04-11 15:37:29
4	006CALS.d	S03	2019-04-11 15:41:26
5	007CALS.d	S04	2019-04-11 15:45:24
6	008CALS.d	S05	2019-04-11 15:49:20
7	009CALS.d	S06	2019-04-11 15:53:12
8	010CALS.d	S07	2019-04-11 15:57:00
9	011CALS.d	S08	2019-04-11 16:00:40

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0002	P	28.5
2	☐	0.100					
3	☐	1.000	0.863	273.34	0.0019	P	10.1
4	☐	50.000	50.899	14608.73	0.0997	P	2.8
5	☐	125.000	127.347	36946.39	0.2493	P	1.9
6	☐	250.000	252.646	74327.13	0.4943	P	0.4
7	☐	500.000	510.652	149143.87	0.9989	P	0.8
8	☐	1000.000	993.674	284427.48	1.9436	P	0.2
9	☐			60.00	0.0004	P	7.0

$$y = 0.0020 * x + 1.9062E-004$$

$$R = 0.9999$$

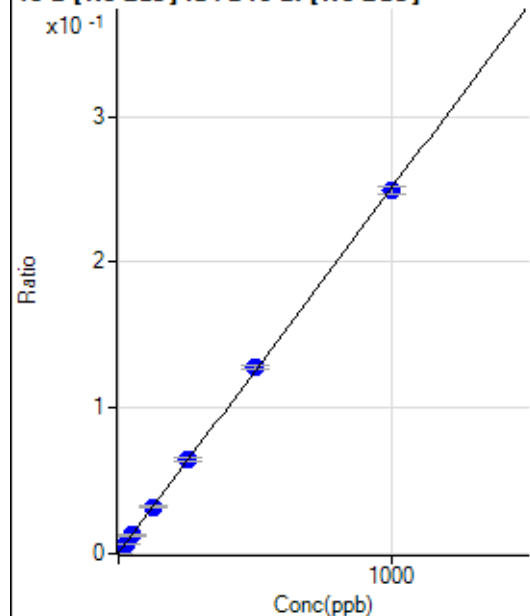
$$DL = 0.08318$$

$$BEC = 0.09746$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0004	P	26.5
2	☐	2.500					
3	☐	25.000	23.134	905.62	0.0062	P	5.8
4	☐	50.000	49.766	1886.32	0.0129	P	6.1
5	☐	125.000	127.180	4781.57	0.0323	P	2.9
6	☐	250.000	257.669	9764.90	0.0649	P	5.1
7	☐	500.000	509.980	19127.28	0.1281	P	1.7
8	☐	1000.000	992.879	36439.04	0.2490	P	2.0
9	☐			694.49	0.0049	P	6.3

$$y = 2.5037E-004 * x + 4.2161E-004$$

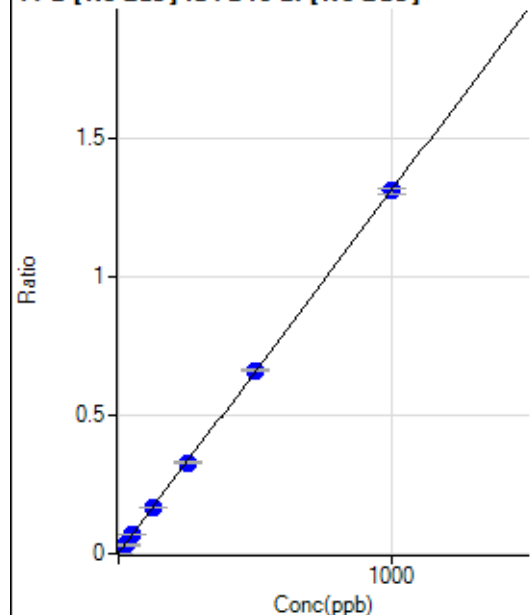
$$R = 0.9999$$

$$DL = 1.338$$

$$BEC = 1.684$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.36	0.0024	P	6.1
2	☐	2.500					
3	☐	25.000	22.577	4645.40	0.0319	P	6.0
4	☐	50.000	49.531	9845.47	0.0672	P	2.5
5	☐	125.000	126.822	24958.86	0.1684	P	1.7
6	☐	250.000	249.323	49430.76	0.3287	P	1.3
7	☐	500.000	503.483	98758.32	0.6614	P	0.5
8	☐	1000.000	998.284	191576.41	1.3091	P	1.4
9	☐			4145.22	0.0294	P	9.2

$$y = 0.0013 * x + 0.0024$$

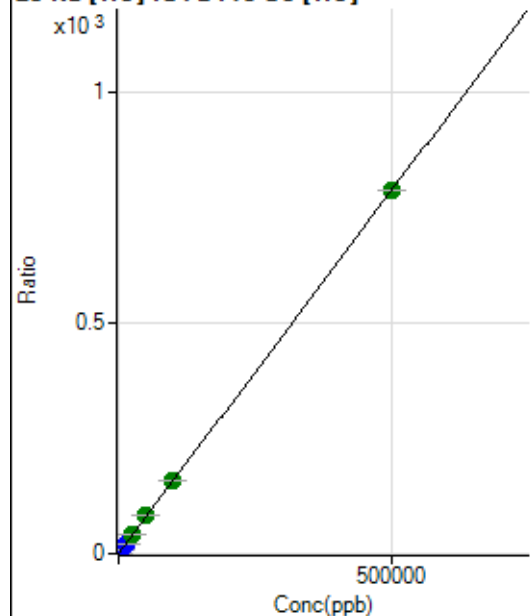
$$R = 1.0000$$

$$DL = 0.3307$$

$$BEC = 1.808$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8197.17	0.1843	P	1.1
2	☐	50.000					
3	☐	500.000	497.656	41985.26	0.9683	P	3.3
4	☐	5000.000	5386.418	382600.00	8.6705	P	2.9
5	☐	12500.000	13325.007	953605.84	21.1777	P	0.3
6	☐	25000.000	26851.725	1896326.00	42.4889	A	0.6
7	☐	50000.000	52204.021	3704752.60	82.4312	A	2.4
8	☐	100000.00	100309.91	7042458.84	158.2215	A	0.7
9	☐	500000.00	499600.54	37246592.50	787.2998	A	0.1

$$y = 0.0016 * x + 0.1843$$

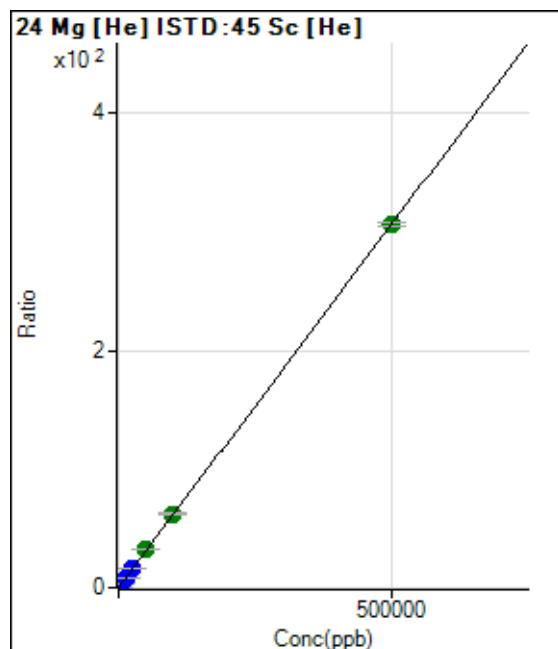
$$R = 1.0000$$

$$DL = 3.759$$

$$BEC = 117$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0012	P	23.1
2	☐	50.000					
3	☐	500.000	519.718	13862.85	0.3196	P	2.8
4	☐	5000.000	5407.945	146237.17	3.3137	P	2.2
5	☐	12500.000	13383.781	369195.39	8.1990	P	0.5
6	☐	25000.000	26792.386	732486.44	16.4121	P	0.5
7	☐	50000.000	53199.047	1464775.81	32.5866	A	0.5
8	☐	100000.00	101595.84	2769757.38	62.2305	A	1.4
9	☐	500000.00	499245.11	14466772.03	305.7976	A	0.9

$$y = 6.1252\text{E-}004 * x + 0.0012$$

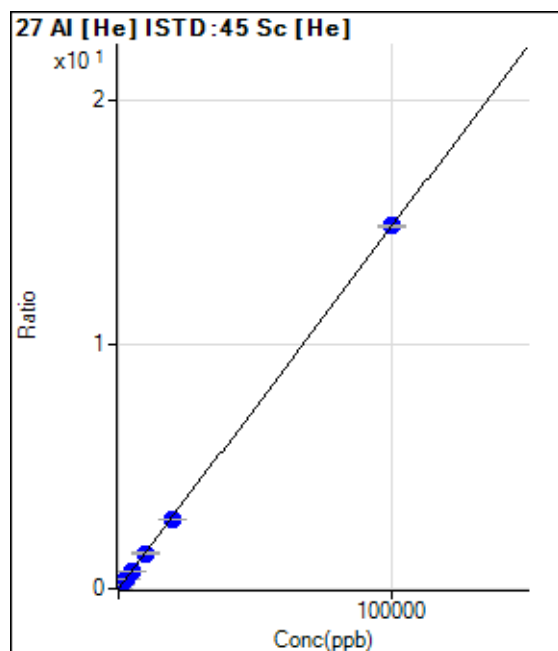
$$R = 1.0000$$

$$DL = 1.416$$

$$BEC = 2.04$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.69	0.0017	P	16.7
2	☐	2.000					
3	☐	20.000	17.051	184.22	0.0043	P	5.6
4	☐	1000.000	989.465	6547.39	0.1483	P	2.5
5	☐	2500.000	2499.027	16751.66	0.3720	P	2.0
6	☐	5000.000	5014.029	33237.03	0.7447	P	0.5
7	☐	10000.000	9799.253	65347.68	1.4538	P	0.8
8	☐	20000.000	19157.567	126431.49	2.8405	P	0.5
9	☐	100000.00	100187.99	702425.12	14.8476	P	0.3

$$y = 1.4818\text{E-}004 * x + 0.0017$$

$$R = 1.0000$$

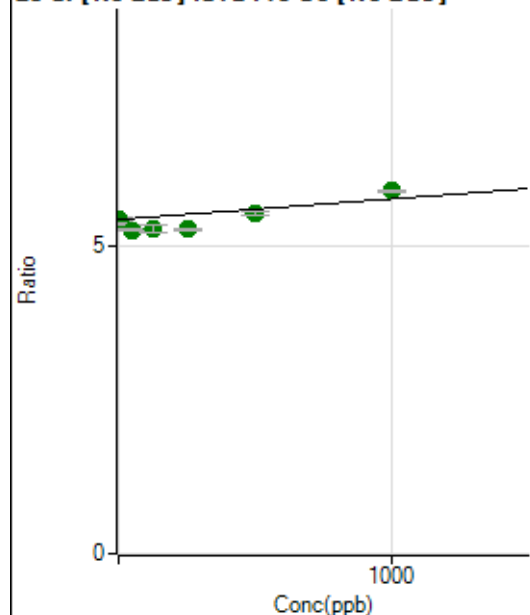
$$DL = 5.826$$

$$BEC = 11.64$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7733053.21	5.4234	A	0.9
2	☐	1.000					
3	☐	10.000	-186.839	7620848.18	5.3610	A	0.6
4	☐	50.000	-500.762	7637445.57	5.2561	A	1.0
5	☐	125.000	-468.084	7744872.83	5.2670	A	2.4
6	☐	250.000	-482.988	7919735.94	5.2620	A	0.9
7	☐	500.000	303.966	8259440.46	5.5249	A	0.9
8	☐	1000.000	1384.906	8853993.17	5.8859	A	0.3
9	☐			7990874.14	5.2624	A	0.2

$$y = 3.3402\text{E-}004 * x + 5.4234$$

$$R = 0.8905$$

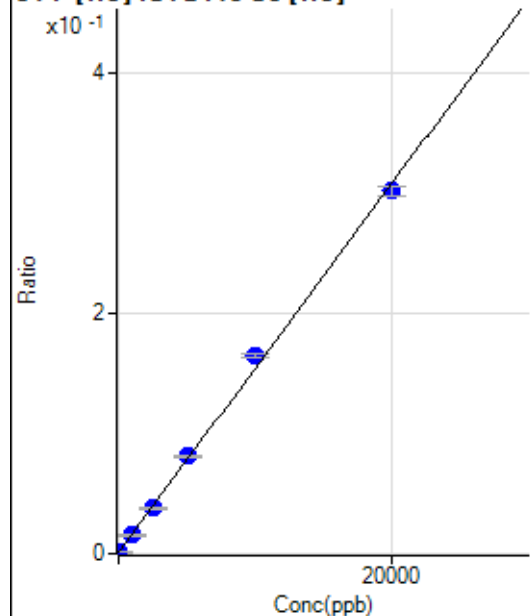
$$DL = 461.5$$

$$BEC = 1.624\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-35.590	16.66	0.0004	P	86.4
2	☐	0.000					
3	☐	0.000	35.590	63.89	0.0015	P	16.6
4	☐	1000.000	966.233	694.50	0.0157	P	9.5
5	☐	2500.000	2424.612	1716.85	0.0381	P	5.0
6	☐	5000.000	5217.587	3614.54	0.0810	P	3.6
7	☐	10000.000	10664.960	7399.44	0.1646	P	1.8
8	☐	20000.000	19624.235	13445.83	0.3021	P	2.7
9	☐			30.55	0.0006	P	68.4

$$y = 1.5346\text{E-}005 * x + 9.2036\text{E-}004$$

$$R = 0.9990$$

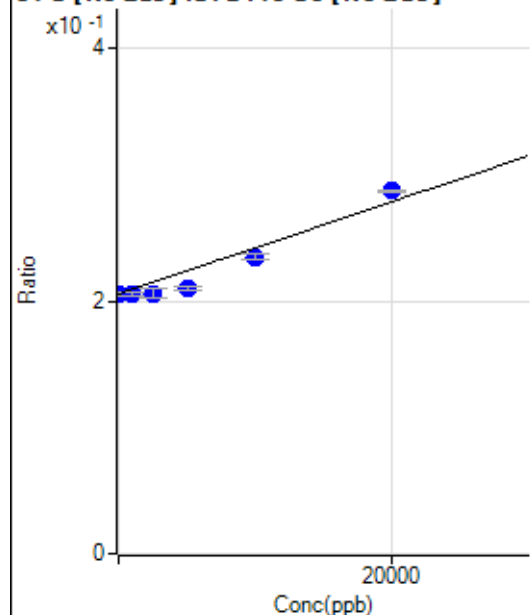
$$DL = 55.47$$

$$BEC = 59.97$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-78.181	293131.21	0.2056	P	0.8
2	☐	0.000					
3	☐	0.000	78.181	293046.50	0.2061	P	0.8
4	☐	1000.000	-27.428	298985.33	0.2058	P	1.0
5	☐	2500.000	110.669	303231.80	0.2063	P	3.7
6	☐	5000.000	1044.316	315562.53	0.2097	P	1.3
7	☐	10000.000	7956.150	351086.46	0.2349	P	1.8
8	☐	20000.000	22360.884	432289.04	0.2874	P	0.8
9	☐			249677.70	0.1644	P	0.6

$$y = 3.6456\text{E-}006 * x + 0.2059$$

$$R = 0.9756$$

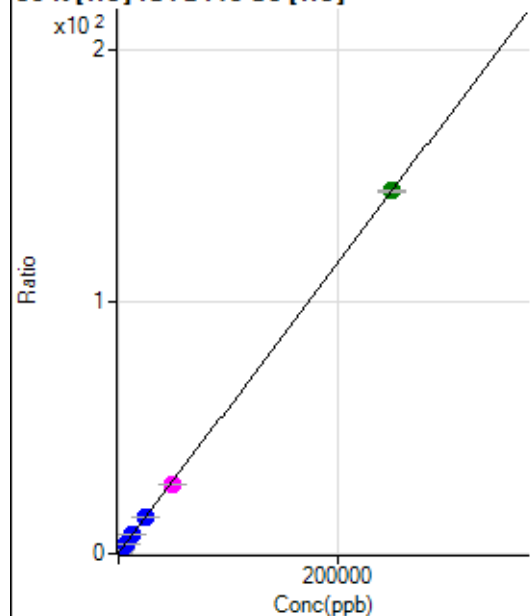
$$DL = 1410$$

$$BEC = 5.647\text{E}+04$$

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	8425.10	0.1894	P	2.0
2	☐	50.000					
3	☐	500.000	468.647	19898.20	0.4588	P	1.9
4	☐	2500.000	2504.779	71887.02	1.6291	P	2.8
5	☐	6250.000	6186.598	168647.11	3.7453	P	1.1
6	☐	12500.000	12393.856	326385.84	7.3130	P	0.1
7	☐	25000.000	24723.029	647255.56	14.3994	P	0.5
8	☐	50000.000	48104.148	1239099.11	27.8381	M	0.3
9	☐	250000.00	250413.77	6818137.57	144.1193	A	0.5

$$y = 5.7477\text{E-}004 * x + 0.1894$$

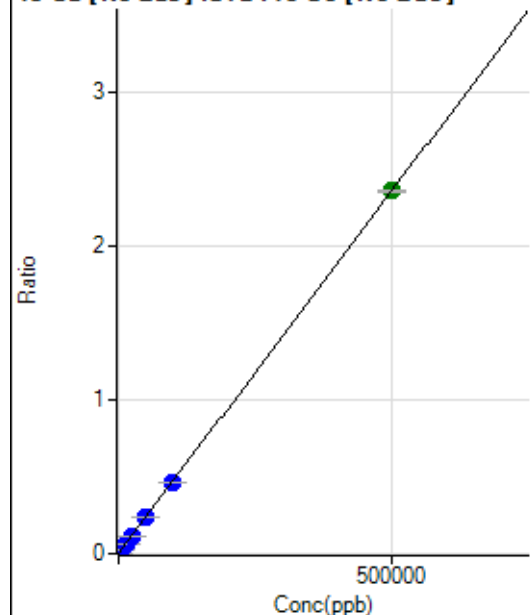
$$R = 1.0000$$

$$DL = 19.58$$

$$BEC = 329.5$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2671.41	0.0019	P	2.7
2	☐	50.000					
3	☐	500.000	450.538	5679.03	0.0040	P	3.8
4	☐	5000.000	4948.472	36588.75	0.0252	P	1.0
5	☐	12500.000	12484.351	89193.71	0.0607	P	3.7
6	☐	25000.000	24629.029	177398.40	0.1179	P	1.5
7	☐	50000.000	50004.345	354882.78	0.2374	P	0.8
8	☐	100000.00	96705.510	687951.40	0.4573	P	0.3
9	☐	500000.00	500677.96	3583487.38	2.3599	A	0.6

$$y = 4.7098\text{E-}006 * x + 0.0019$$

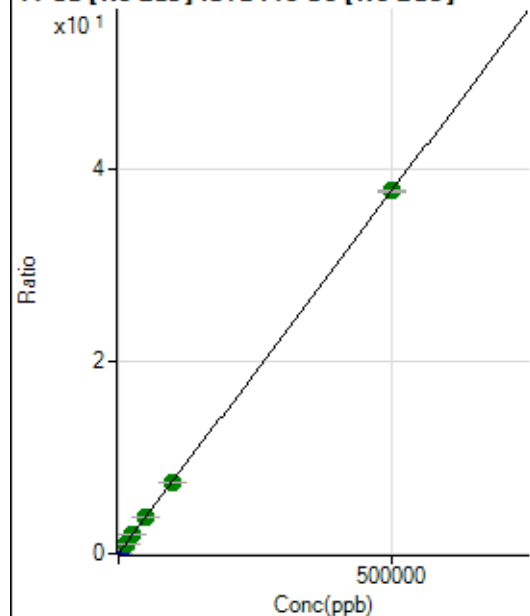
$$R = 1.0000$$

$$DL = 32.35$$

$$BEC = 397.8$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38985.18	0.0273	P	0.4
2	☐	50.000					
3	☐	500.000	454.067	87482.01	0.0615	P	0.5
4	☐	5000.000	5012.355	588266.52	0.4049	P	1.6
5	☐	12500.000	12825.619	1460468.55	0.9933	A	3.0
6	☐	25000.000	24983.604	2873242.56	1.9090	A	0.6
7	☐	50000.000	50015.132	5672025.26	3.7943	A	1.5
8	☐	100000.00	97159.703	11048966.09	7.3451	A	0.2
9	☐	500000.00	500559.14	57289363.59	37.7278	A	0.8

$$y = 7.5317\text{E-}005 * x + 0.0273$$

$$R = 1.0000$$

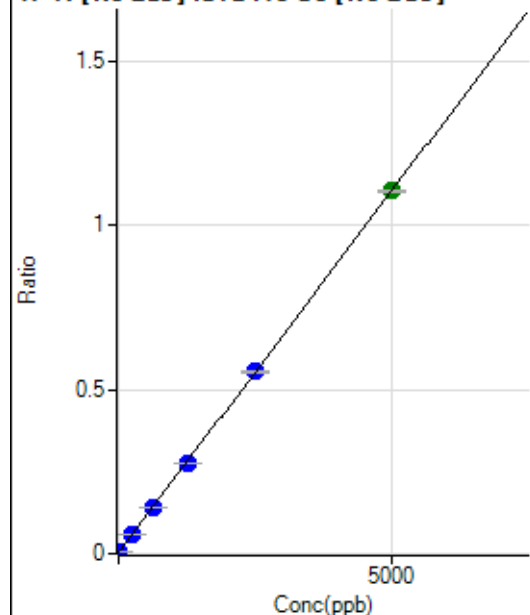
$$DL = 4.092$$

$$BEC = 363$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5006.70	0.0035	P	2.9
2	☐	0.500					
3	☐	5.000	4.522	6407.31	0.0045	P	3.8
4	☐	250.000	244.228	83278.65	0.0573	P	0.4
5	☐	625.000	621.748	206570.31	0.1405	P	2.0
6	☐	1250.000	1230.180	413146.32	0.2745	P	0.2
7	☐	2500.000	2501.207	828932.84	0.5545	P	0.7
8	☐	5000.000	5005.047	1663769.48	1.1060	A	0.7
9	☐			5095.62	0.0034	P	1.9

$$y = 2.2028\text{E-}004 * x + 0.0035$$

$$R = 1.0000$$

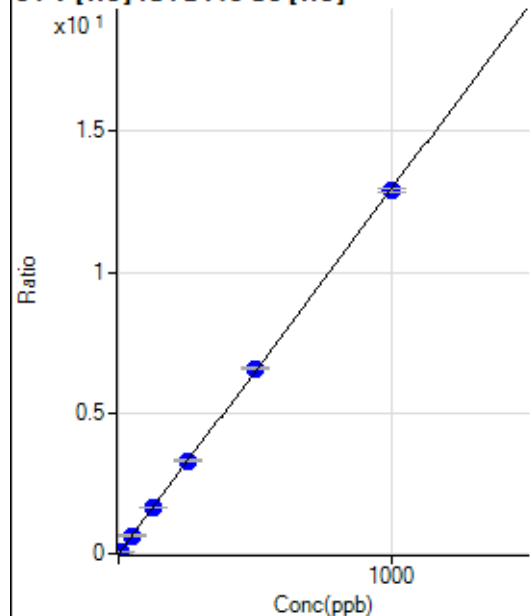
$$DL = 1.41$$

$$BEC = 15.94$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.45	0.0005	P	15.8
2	☐	0.500					
3	☐	5.000	5.035	2854.79	0.0658	P	0.8
4	☐	50.000	49.791	28483.59	0.6456	P	3.7
5	☐	125.000	125.607	73292.83	1.6277	P	0.6
6	☐	250.000	254.629	147241.20	3.2991	P	1.1
7	☐	500.000	508.439	296062.67	6.5870	P	1.7
8	☐	1000.000	994.557	573476.76	12.8843	P	0.9
9	☐			111.11	0.0023	P	19.3

$$y = 0.0130 * x + 5.4961\text{E-}004$$

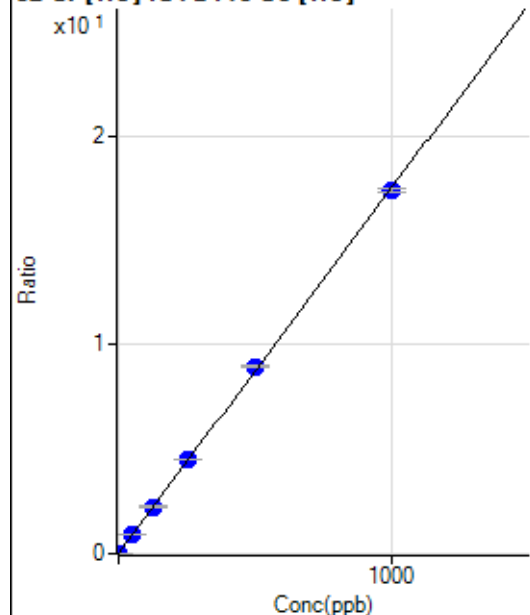
$$R = 0.9999$$

$$DL = 0.02014$$

$$BEC = 0.04243$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.46	0.0100	P	10.7
2	☐	0.200					
3	☐	2.000	1.892	1870.15	0.0431	P	5.8
4	☐	50.000	50.950	39807.87	0.9020	P	1.9
5	☐	125.000	128.128	101459.23	2.2532	P	0.7
6	☐	250.000	256.906	201186.39	4.5078	P	0.1
7	☐	500.000	511.520	402981.56	8.9655	P	1.1
8	☐	1000.000	992.075	773528.33	17.3789	P	1.1
9	☐			6418.25	0.1357	P	2.5

$$y = 0.0175 * x + 0.0100$$

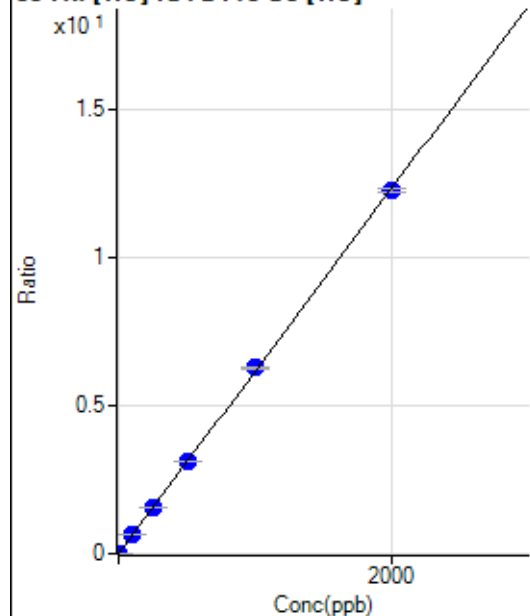
$$R = 0.9999$$

$$DL = 0.1837$$

$$BEC = 0.5706$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0006	P	32.9
2	☐	0.100					
3	☐	1.000	1.016	297.79	0.0069	P	6.3
4	☐	100.000	102.088	27837.92	0.6307	P	1.4
5	☐	250.000	253.628	70519.35	1.5661	P	0.4
6	☐	500.000	506.854	139653.31	3.1291	P	0.4
7	☐	1000.000	1020.555	283175.00	6.2999	P	0.9
8	☐	2000.000	1987.451	546039.71	12.2680	P	1.1
9	☐			2223.55	0.0470	P	3.1

$$y = 0.0062 * x + 5.9914E-004$$

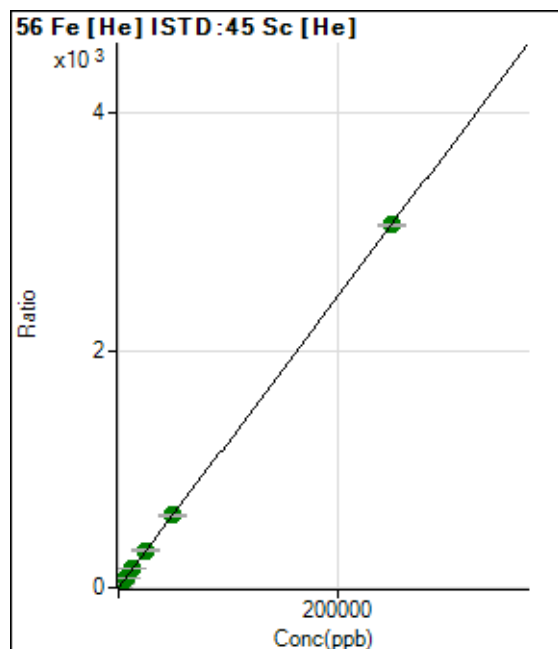
$$R = 0.9999$$

$$DL = 0.09575$$

$$BEC = 0.09707$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	675.96	0.0152	P	6.8
2	☐	5.000					
3	☐	50.000	51.158	27780.07	0.6410	P	5.0
4	☐	2500.000	2605.307	1407387.21	31.8839	A	1.0
5	☐	6250.000	6506.616	3584532.26	79.6056	A	0.5
6	☐	12500.000	12880.416	7032377.07	157.5714	A	0.8
7	☐	25000.000	25827.482	14200489.90	315.9429	A	1.6
8	☐	50000.000	49685.827	27053076.53	607.7836	A	0.3
9	☐	250000.00	249953.59	144647377.3	3,057.504	A	0.6

$$y = 0.0122 * x + 0.0152$$

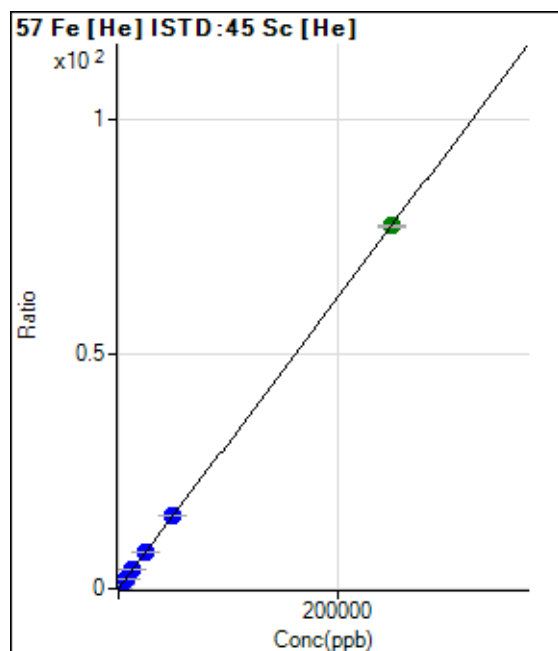
$$R = 1.0000$$

$$DL = 0.2543$$

$$BEC = 1.242$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.60	0.0010	P	58.7
2	☐	5.000					
3	☐	50.000	50.297	714.86	0.0165	P	3.3
4	☐	2500.000	2558.928	34909.14	0.7911	P	2.6
5	☐	6250.000	6338.843	88176.27	1.9582	P	0.5
6	☐	12500.000	12712.108	175221.37	3.9261	P	0.8
7	☐	25000.000	25633.620	355794.84	7.9159	P	1.5
8	☐	50000.000	49820.393	684764.99	15.3841	P	0.1
9	☐	250000.00	249959.14	3651339.17	77.1812	A	0.7

$$y = 3.0877E-004 * x + 9.5679E-004$$

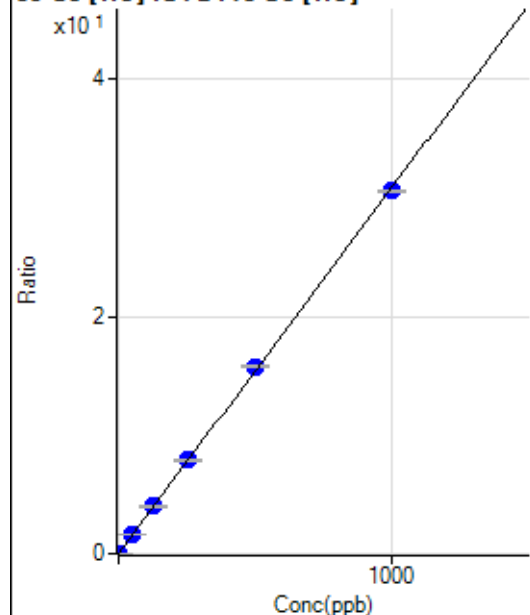
$$R = 1.0000$$

$$DL = 5.459$$

$$BEC = 3.099$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	281.12	0.0063	P	6.6
2	☐	0.100					
3	☐	1.000	0.925	1507.88	0.0348	P	4.6
4	☐	50.000	51.716	70554.46	1.5986	P	1.3
5	☐	125.000	128.880	178958.29	3.9743	P	0.8
6	☐	250.000	256.062	352125.80	7.8899	P	1.0
7	☐	500.000	511.340	707931.31	15.7495	P	0.7
8	☐	1000.000	992.244	1360059.30	30.5555	P	0.7
9	☐			17049.53	0.3604	P	1.2

$$y = 0.0308 * x + 0.0063$$

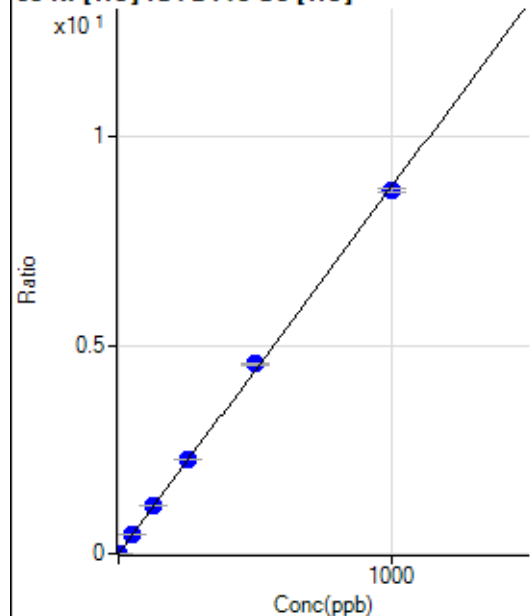
$$R = 0.9999$$

$$DL = 0.0405$$

$$BEC = 0.2053$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0013	P	34.1
2	☐	0.100					
3	☐	1.000	1.013	443.35	0.0102	P	11.8
4	☐	50.000	51.405	20024.63	0.4537	P	1.7
5	☐	125.000	129.325	51310.02	1.1395	P	0.6
6	☐	250.000	258.501	101596.54	2.2764	P	0.2
7	☐	500.000	516.570	204416.80	4.5477	P	0.7
8	☐	1000.000	988.979	387468.08	8.7054	P	1.0
9	☐			5209.95	0.1101	P	1.0

$$y = 0.0088 * x + 0.0013$$

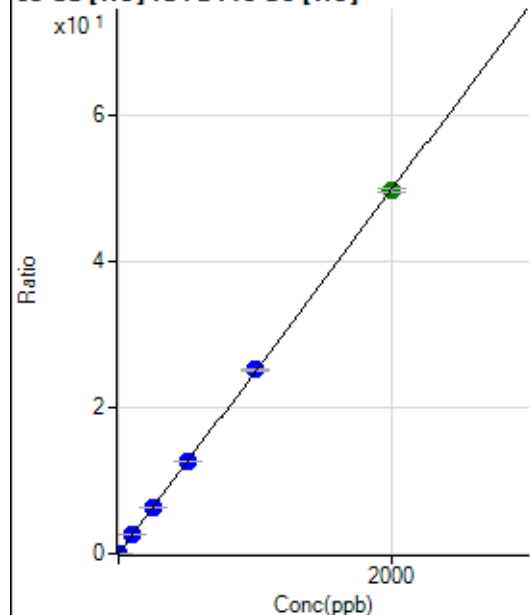
$$R = 0.9997$$

$$DL = 0.151$$

$$BEC = 0.1477$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.79	0.0078	P	5.5
2	☐	0.200					
3	☐	2.000	1.859	2346.91	0.0541	P	2.6
4	☐	100.000	101.673	112064.46	2.5396	P	2.9
5	☐	250.000	251.995	282908.35	6.2828	P	0.6
6	☐	500.000	505.996	562684.88	12.6077	P	0.4
7	☐	1000.000	1009.110	1129859.39	25.1358	P	0.7
8	☐	2000.000	1993.613	2209973.54	49.6510	A	1.0
9	☐			5042.12	0.1066	P	7.0

$$y = 0.0249 * x + 0.0078$$

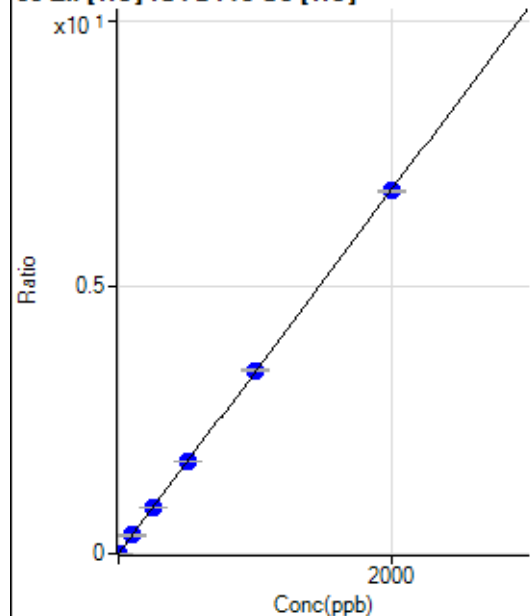
$$R = 1.0000$$

$$DL = 0.05228$$

$$BEC = 0.314$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0022	P	2.2
2	☐	0.200					
3	☐	2.000	1.777	357.79	0.0083	P	11.4
4	☐	100.000	100.153	15165.16	0.3437	P	2.8
5	☐	250.000	256.108	39417.20	0.8754	P	0.5
6	☐	500.000	507.324	77297.39	1.7319	P	0.9
7	☐	1000.000	1005.279	154158.44	3.4296	P	0.9
8	☐	2000.000	1994.759	302812.59	6.8032	P	0.5
9	☐			2935.92	0.0621	P	2.3

$$y = 0.0034 * x + 0.0022$$

$$R = 1.0000$$

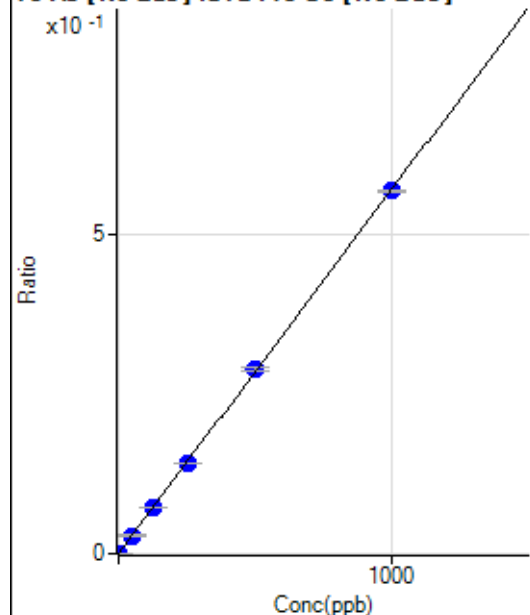
$$DL = 0.04327$$

$$BEC = 0.6447$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	384.17	0.0003	P	12.7
2	☐	0.100					
3	☐	1.000	0.907	1116.83	0.0008	P	2.6
4	☐	50.000	49.657	41459.87	0.0285	P	2.5
5	☐	125.000	126.889	106580.33	0.0725	P	2.6
6	☐	250.000	248.089	212906.70	0.1415	P	0.9
7	☐	500.000	507.254	431956.20	0.2890	P	1.3
8	☐	1000.000	996.632	853632.43	0.5675	P	0.5
9	☐			1840.69	0.0012	P	8.6

$$y = 5.6911\text{E-}004 * x + 2.6955\text{E-}004$$

$$R = 1.0000$$

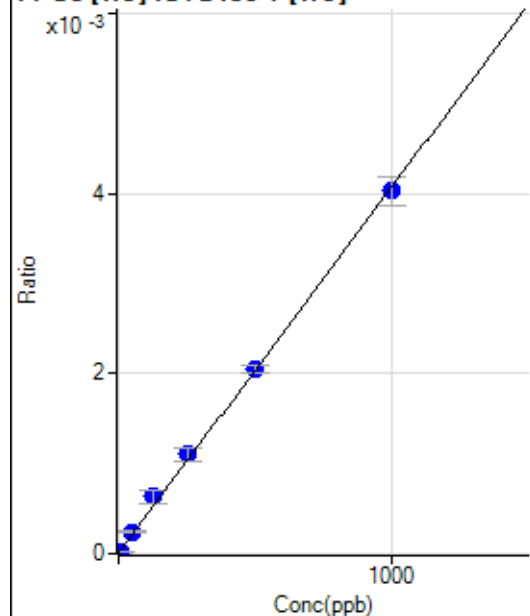
$$DL = 0.1803$$

$$BEC = 0.4736$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.961	5.56	0.0000	P	90.7
4	☐	50.000	58.251	70.00	0.0002	P	9.2
5	☐	125.000	153.627	188.89	0.0006	P	22.5
6	☐	250.000	270.267	331.12	0.0011	P	13.4
7	☐	500.000	501.325	617.80	0.0020	P	4.5
8	☐	1000.000	990.290	1210.08	0.0040	P	8.0
9	☐			1.11	0.0000	P	173.2

$$y = 4.0629\text{E-}006 * x + 7.8333\text{E-}006$$

$$R = 0.9994$$

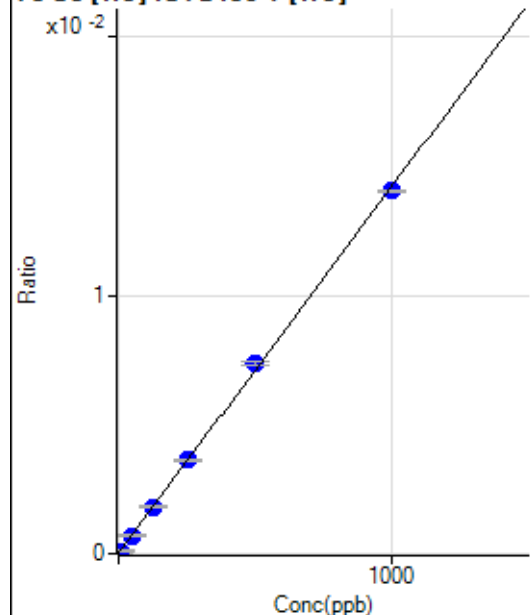
$$DL = 10.02$$

$$BEC = 1.928$$

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	5.55	0.0000	P	58.0
2	☐	0.500					
3	☐	5.000	6.014	29.63	0.0001	P	20.2
4	☐	50.000	47.879	200.00	0.0007	P	4.0
5	☐	125.000	125.698	538.29	0.0018	P	3.6
6	☐	250.000	254.886	1087.09	0.0036	P	2.1
7	☐	500.000	519.505	2230.45	0.0074	P	2.1
8	☐	1000.000	989.040	4213.03	0.0140	P	0.7
9	☐			10.49	0.0000	P	27.3

$$y = 1.4170\text{E-}005 * x + 1.9612\text{E-}005$$

$$R = 0.9997$$

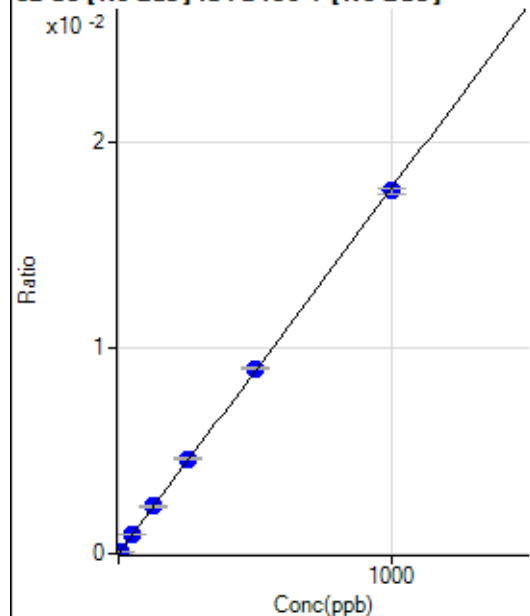
$$DL = 2.408$$

$$BEC = 1.384$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-12.43	0.0000	P	-266.
2	☐	0.500					
3	☐	5.000	4.721	170.95	0.0001	P	33.2
4	☐	50.000	51.304	2039.80	0.0009	P	0.4
5	☐	125.000	130.663	5219.23	0.0023	P	5.3
6	☐	250.000	259.987	10826.68	0.0046	P	1.2
7	☐	500.000	507.495	21671.12	0.0090	P	1.6
8	☐	1000.000	992.984	42805.81	0.0176	P	1.3
9	☐			27.16	0.0000	P	116.4

$$y = 1.7770\text{E-}005 * x - 5.5580\text{E-}006$$

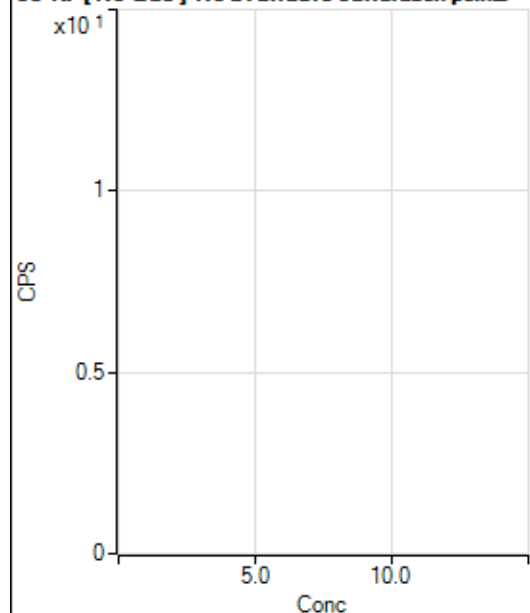
$$R = 0.9999$$

$$DL = 2.497$$

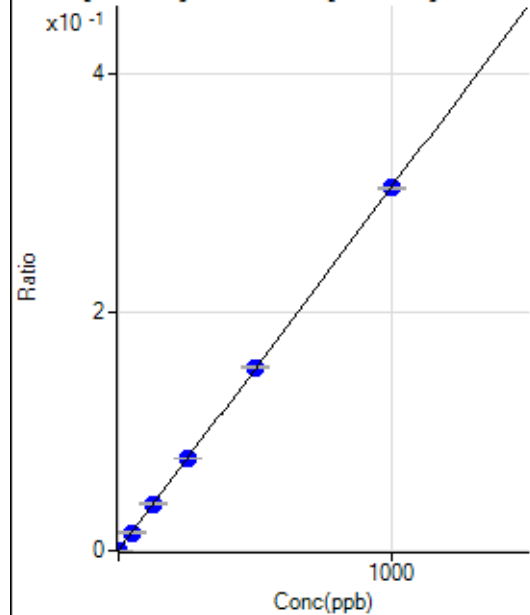
$$BEC = -0.3128$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			373.34		P	10.9
2	☐						
3	☐			375.57		P	12.9
4	☐			348.90		P	11.0
5	☐			392.23		P	8.5
6	☐			354.45		P	8.7
7	☐			406.68		P	3.6
8	☐			361.12		P	9.1
9	☐			388.90		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	530.59	0.0002	P	14.3
2	☐	0.100					
3	☐	1.000	0.790	1047.32	0.0005	P	10.3
4	☐	50.000	49.348	34394.31	0.0153	P	3.6
5	☐	125.000	127.825	88338.60	0.0392	P	5.9
6	☐	250.000	251.606	180572.23	0.0770	P	0.7
7	☐	500.000	502.540	369044.62	0.1535	P	1.0
8	☐	1000.000	998.008	739092.39	0.3045	P	0.3
9	☐			3586.75	0.0015	P	4.2

$$y = 3.0492E-004 * x + 2.3876E-004$$

$$R = 1.0000$$

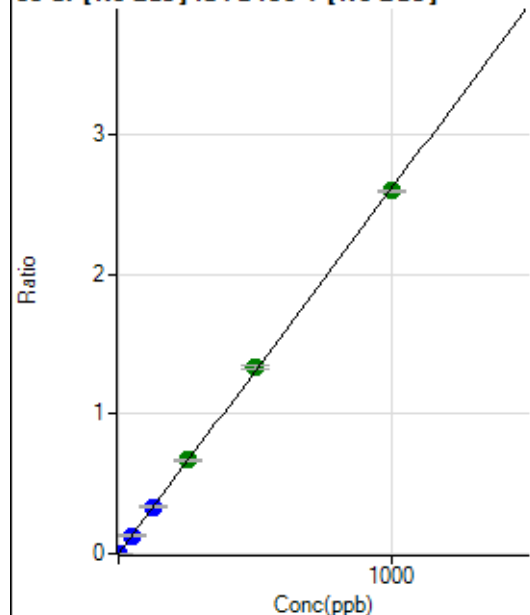
$$DL = 0.3348$$

$$BEC = 0.783$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	5.8
2	☐	0.100					
3	☐	1.000	0.929	5376.31	0.0025	P	3.6
4	☐	50.000	49.942	293642.80	0.1305	P	2.0
5	☐	125.000	127.962	753421.40	0.3342	P	3.6
6	☐	250.000	255.916	1568309.53	0.6684	A	1.4
7	☐	500.000	509.546	3200020.75	1.3308	A	2.3
8	☐	1000.000	993.381	6296523.80	2.5945	A	0.2
9	☐			26546.22	0.0112	P	1.3

$$y = 0.0026 * x + 3.4994E-005$$

$$R = 0.9999$$

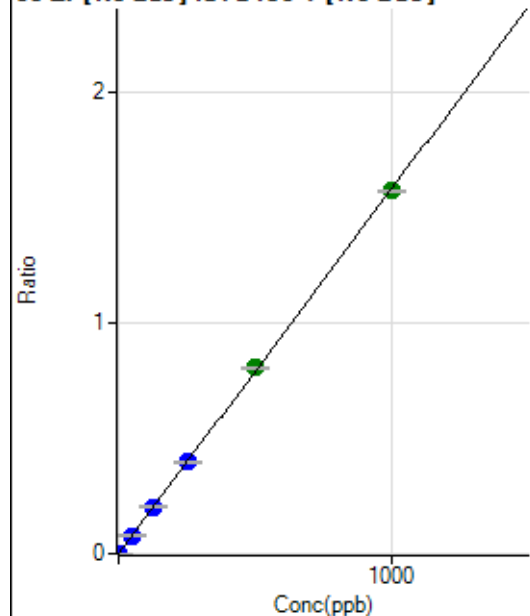
$$DL = 0.002321$$

$$BEC = 0.0134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0001	P	18.5
2	☐	0.100					
3	☐	1.000	0.985	3514.49	0.0016	P	7.7
4	☐	50.000	49.936	177787.27	0.0790	P	2.6
5	☐	125.000	127.773	455411.50	0.2021	P	4.0
6	☐	250.000	251.207	931968.32	0.3972	P	1.4
7	☐	500.000	508.996	1935178.95	0.8048	A	0.9
8	☐	1000.000	994.857	3817276.48	1.5729	A	0.4
9	☐			944.52	0.0004	P	15.0

$$y = 0.0016 * x + 5.2476E-005$$

$$R = 0.9999$$

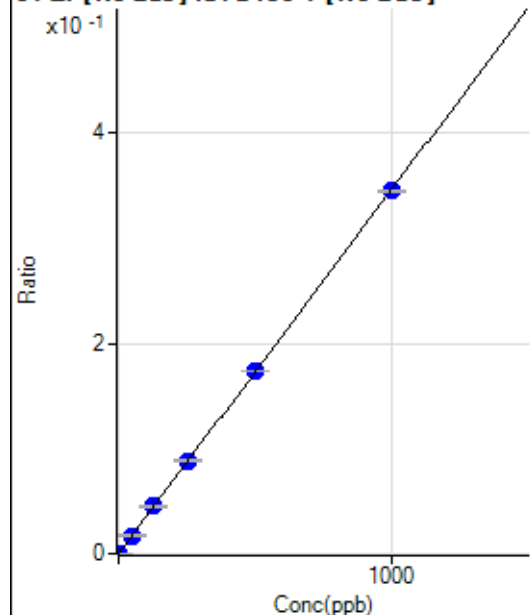
$$DL = 0.01842$$

$$BEC = 0.03319$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.880	725.05	0.0003	P	8.6
4	☐	50.000	49.967	38976.38	0.0173	P	1.4
5	☐	125.000	129.680	101181.03	0.0449	P	4.7
6	☐	250.000	254.779	206893.45	0.0882	P	2.2
7	☐	500.000	502.723	418360.09	0.1740	P	0.5
8	☐	1000.000	996.861	837139.50	0.3449	P	0.5
9	☐			288.91	0.0001	P	27.3

$$y = 3.4600\text{E-}004 * x + 2.7508\text{E-}005$$

$$R = 1.0000$$

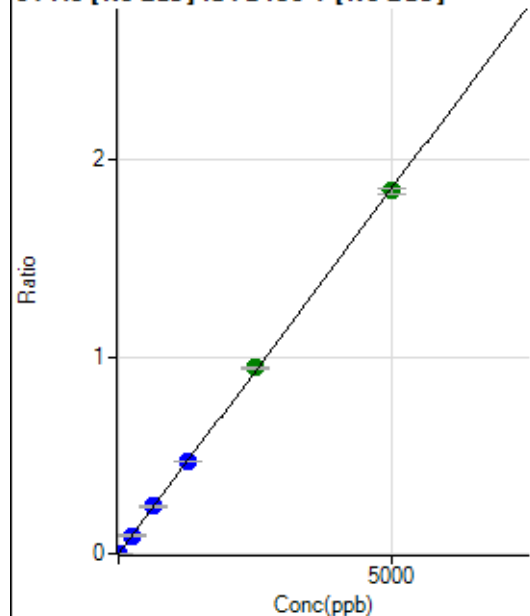
$$DL = 0.05006$$

$$BEC = 0.0795$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.7
2	☐	0.500					
3	☐	5.000	4.797	3948.00	0.0018	P	6.3
4	☐	250.000	248.825	207634.42	0.0923	P	2.1
5	☐	625.000	646.370	540151.01	0.2396	P	3.3
6	☐	1250.000	1265.104	1100321.29	0.4689	P	0.8
7	☐	2500.000	2544.616	2268232.26	0.9432	A	1.0
8	☐	5000.000	4971.304	4471556.00	1.8427	A	1.5
9	☐			2097.48	0.0009	P	3.1

$$y = 3.7065\text{E-}004 * x + 3.0005\text{E-}005$$

$$R = 0.9999$$

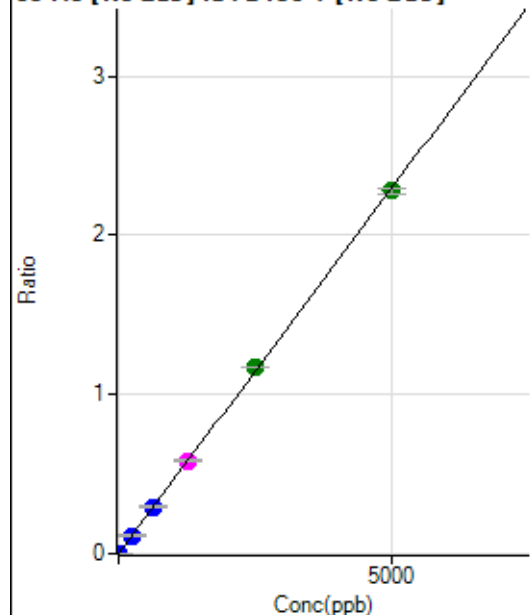
$$DL = 0.03085$$

$$BEC = 0.08095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	5.066	5134.55	0.0023	P	1.6
4	☐	250.000	249.081	257306.74	0.1143	P	2.4
5	☐	625.000	642.460	664679.88	0.2949	P	3.4
6	☐	1250.000	1274.461	1372390.50	0.5849	M	1.2
7	☐	2500.000	2549.256	2813405.40	1.1699	A	0.5
8	☐	5000.000	4967.120	5531772.78	2.2795	A	1.3
9	☐			3078.28	0.0013	P	6.0

$$y = 4.5891\text{E-}004 * x + 2.5005\text{E-}005$$

$$R = 0.9999$$

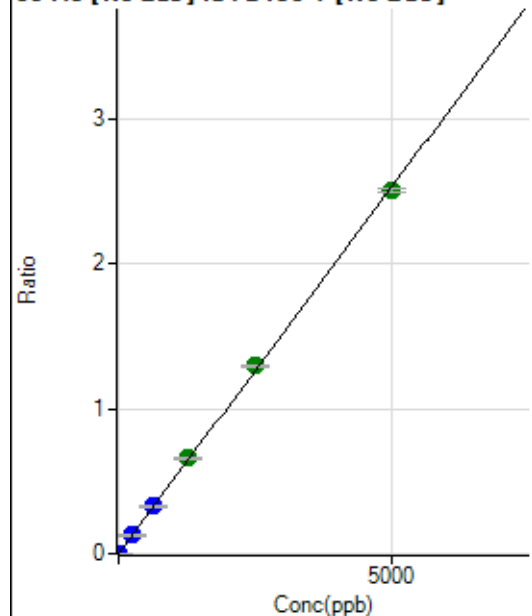
$$DL = 0.03767$$

$$BEC = 0.05449$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	28.9
2	☐	0.500					
3	☐	5.000	5.165	5751.49	0.0026	P	5.1
4	☐	250.000	250.974	285508.41	0.1269	P	3.8
5	☐	625.000	644.084	734044.10	0.3256	P	3.3
6	☐	1250.000	1299.388	1541294.75	0.6569	A	0.6
7	☐	2500.000	2566.705	3120224.92	1.2975	A	0.9
8	☐	5000.000	4951.866	6074716.67	2.5032	A	1.1
9	☐			3711.81	0.0016	P	2.1

$$y = 5.0551\text{E-}004 * x + 2.2503\text{E-}005$$

$$R = 0.9998$$

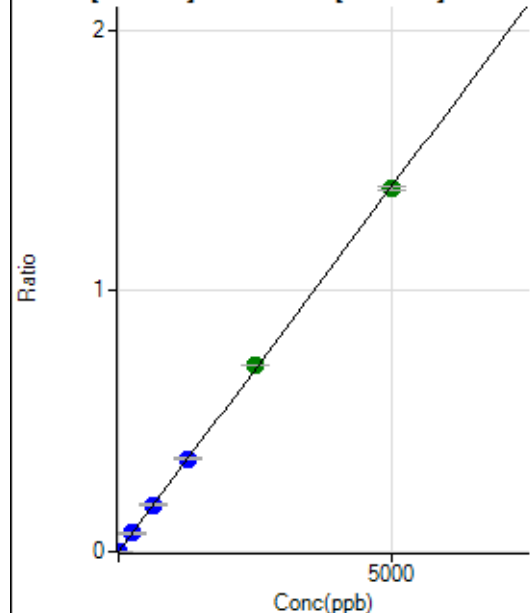
$$DL = 0.03863$$

$$BEC = 0.04452$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.2
2	☐	0.500					
3	☐	5.000	5.257	3242.22	0.0015	P	2.9
4	☐	250.000	252.144	158692.57	0.0705	P	3.7
5	☐	625.000	640.600	403848.37	0.1792	P	3.7
6	☐	1250.000	1272.857	835249.45	0.3560	P	1.1
7	☐	2500.000	2544.196	1711036.28	0.7115	A	0.1
8	☐	5000.000	4970.130	3373095.43	1.3899	A	1.0
9	☐			1875.23	0.0008	P	6.6

$$y = 2.7966E-004 * x + 1.2517E-005$$

$$R = 0.9999$$

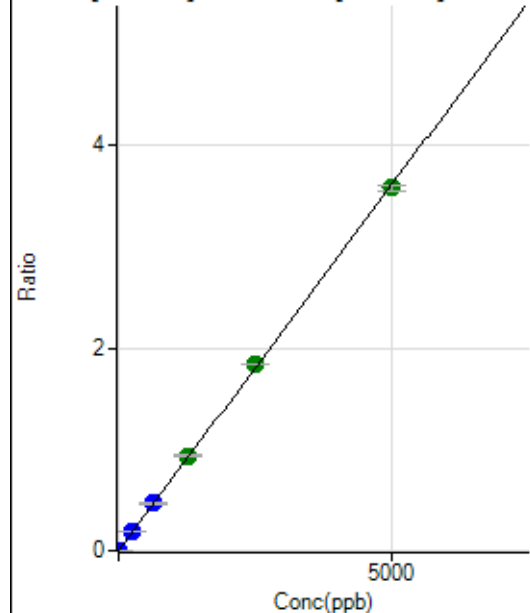
$$DL = 0.06205$$

$$BEC = 0.04476$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.7
2	☐	0.500					
3	☐	5.000	5.056	8030.51	0.0037	P	2.3
4	☐	250.000	252.843	410372.23	0.1823	P	2.4
5	☐	625.000	649.627	1055731.86	0.4684	P	4.3
6	☐	1250.000	1301.057	2201222.46	0.9382	A	1.4
7	☐	2500.000	2546.095	4414968.94	1.8359	A	0.6
8	☐	5000.000	4960.968	8680913.48	3.5772	A	1.4
9	☐			4712.17	0.0020	P	7.6

$$y = 7.2105E-004 * x + 3.0007E-005$$

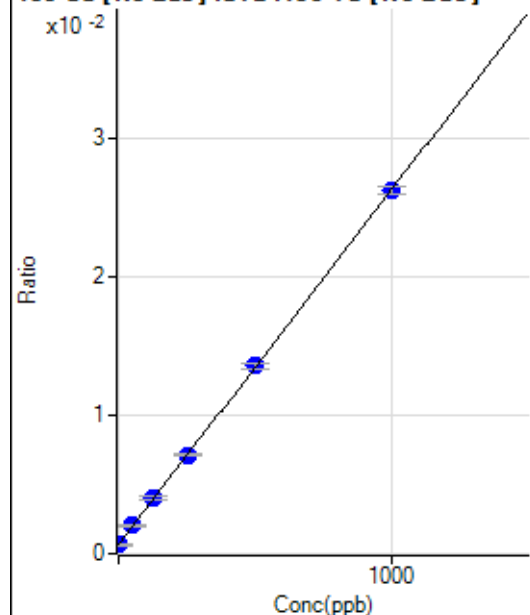
$$R = 0.9999$$

$$DL = 0.0159$$

$$BEC = 0.04162$$

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	1458.48	0.0007	P	5.3
2	☐	0.100					
3	☐	1.000	-1.094	1369.58	0.0006	P	5.3
4	☐	50.000	53.462	4478.73	0.0020	P	4.0
5	☐	125.000	130.114	9097.90	0.0040	P	5.3
6	☐	250.000	251.254	16708.22	0.0071	P	1.9
7	☐	500.000	503.843	32551.59	0.0136	P	2.7
8	☐	1000.000	996.954	63664.93	0.0262	P	2.2
9	☐			1564.05	0.0007	P	7.7

$$y = 2.5585E-005 * x + 6.6726E-004$$

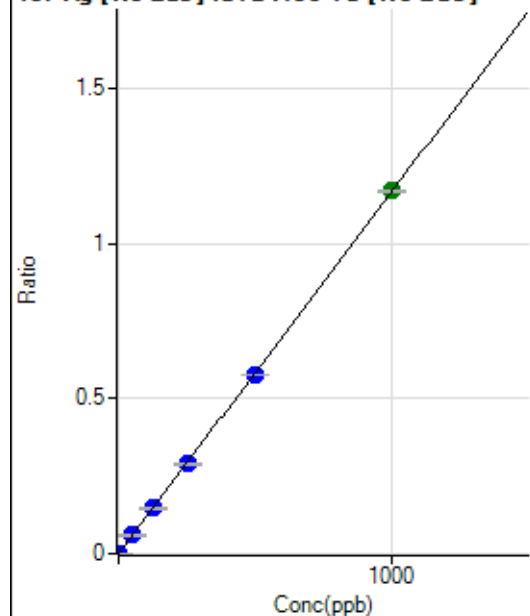
$$R = 1.0000$$

$$DL = 4.13$$

$$BEC = 26.08$$

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	100.01	0.0000	P	37.5
2	☐	0.100					
3	☐	1.000	1.089	2817.11	0.0013	P	2.3
4	☐	50.000	51.074	131086.87	0.0596	P	2.6
5	☐	125.000	127.091	337514.87	0.1482	P	3.9
6	☐	250.000	247.972	680829.41	0.2892	P	1.2
7	☐	500.000	493.630	1381999.01	0.5756	P	0.4
8	☐	1000.000	1003.377	2845672.94	1.1699	A	0.6
9	☐			530.59	0.0002	P	15.0

$$y = 0.0012 * x + 4.5920E-005$$

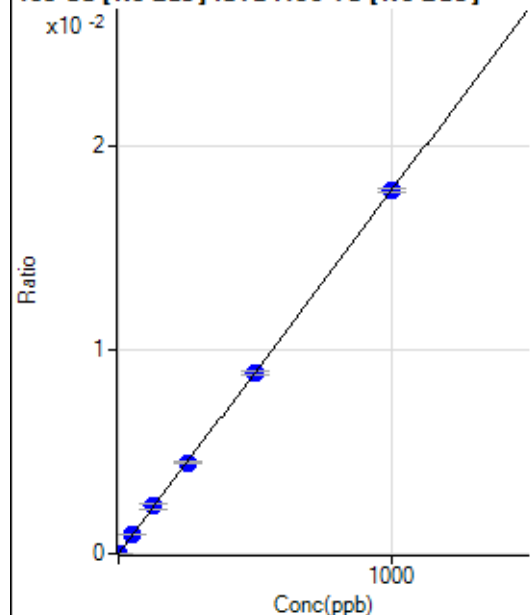
$$R = 1.0000$$

$$DL = 0.04425$$

$$BEC = 0.03939$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	44.4
2	☐	0.100					
3	☐	1.000	1.132	48.61	0.0000	P	5.9
4	☐	50.000	53.569	2105.76	0.0010	P	3.4
5	☐	125.000	129.721	5263.66	0.0023	P	8.9
6	☐	250.000	250.824	10530.69	0.0045	P	2.3
7	☐	500.000	499.410	21375.59	0.0089	P	2.0
8	☐	1000.000	999.320	43321.15	0.0178	P	1.1
9	☐			8.34	0.0000	P	86.6

$$y = 1.7820\text{E-}005 * x + 2.5493\text{E-}006$$

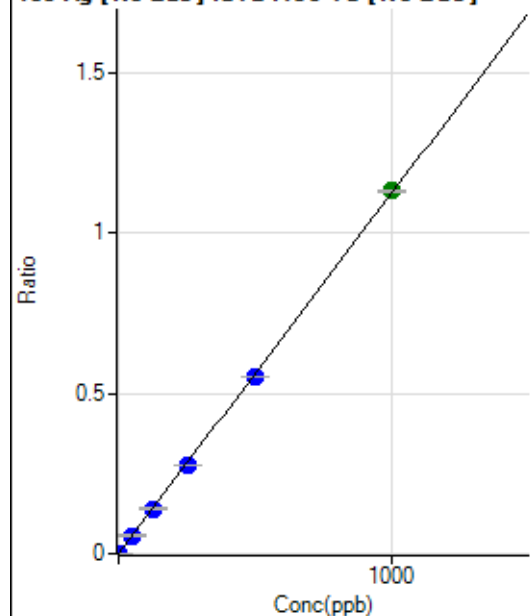
$$R = 1.0000$$

$$DL = 0.1905$$

$$BEC = 0.1431$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0001	P	22.2
2	☐	0.100					
3	☐	1.000	1.060	2669.82	0.0012	P	6.6
4	☐	50.000	50.183	124217.66	0.0565	P	2.3
5	☐	125.000	124.948	319980.77	0.1405	P	3.7
6	☐	250.000	245.772	650660.63	0.2763	P	1.0
7	☐	500.000	488.348	1318274.43	0.5490	P	0.0
8	☐	1000.000	1006.881	2753379.16	1.1320	A	0.4
9	☐			483.37	0.0002	P	26.0

$$y = 0.0011 * x + 5.6015\text{E-}005$$

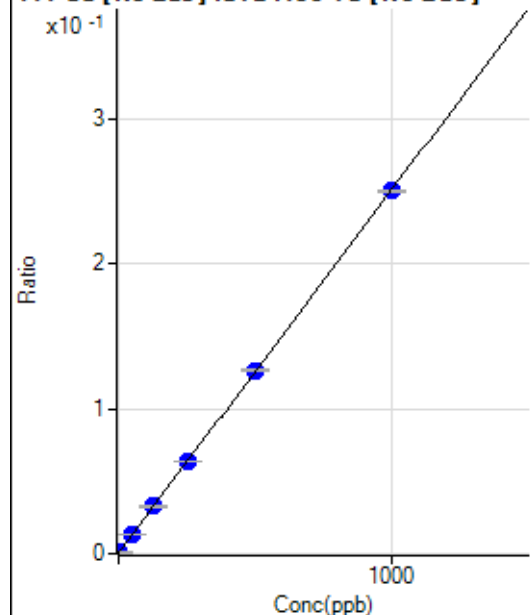
$$R = 0.9999$$

$$DL = 0.03315$$

$$BEC = 0.04983$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1036.49	0.0005	P	4.5
2	☐	0.100					
3	☐	1.000	0.788	1438.59	0.0007	P	5.9
4	☐	50.000	51.462	29344.05	0.0133	P	1.6
5	☐	125.000	128.363	74195.43	0.0326	P	1.1
6	☐	250.000	252.491	149732.72	0.0636	P	1.7
7	☐	500.000	502.134	302530.58	0.1260	P	0.8
8	☐	1000.000	997.817	607899.61	0.2499	P	0.7
9	☐			1125.11	0.0005	P	6.2

$$y = 2.4999\text{E-}004 * x + 4.7416\text{E-}004$$

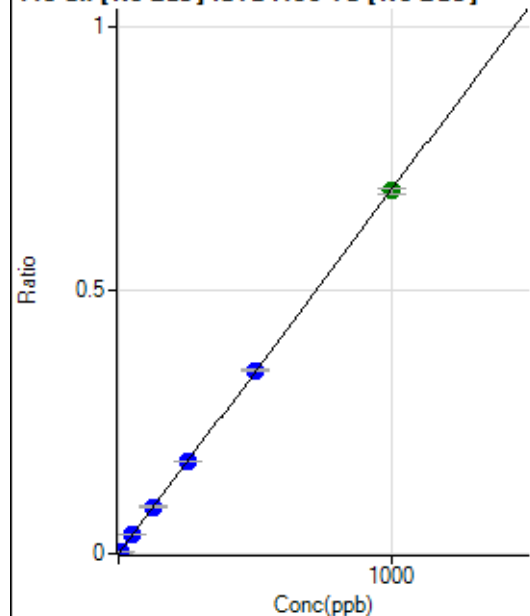
$$R = 1.0000$$

$$DL = 0.258$$

$$BEC = 1.897$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0001	P	42.0
2	☐	0.500					
3	☐	5.000	5.068	7610.85	0.0036	P	3.9
4	☐	50.000	51.937	79101.33	0.0360	P	0.5
5	☐	125.000	127.464	200765.97	0.0882	P	3.6
6	☐	250.000	253.068	412014.89	0.1750	P	1.1
7	☐	500.000	503.569	835892.73	0.3481	P	1.2
8	☐	1000.000	997.043	1676492.59	0.6893	A	1.9
9	☐			997.30	0.0004	P	4.5

$$y = 6.9126\text{E-}004 * x + 5.1917\text{E-}005$$

$$R = 1.0000$$

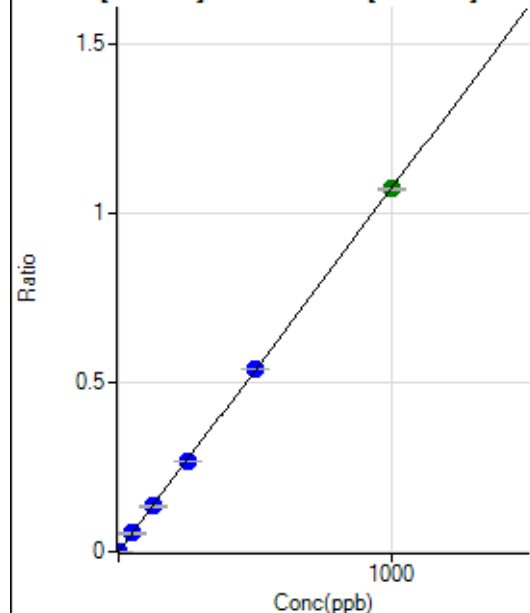
$$DL = 0.09454$$

$$BEC = 0.0751$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	45.3
2	☐	0.200					
3	☐	2.000	1.845	4262.00	0.0020	P	8.1
4	☐	50.000	50.504	119055.67	0.0541	P	1.6
5	☐	125.000	126.299	308168.07	0.1353	P	3.2
6	☐	250.000	249.077	628298.18	0.2668	P	0.7
7	☐	500.000	502.387	1292233.48	0.5382	P	0.2
8	☐	1000.000	998.850	2602795.66	1.0700	A	0.5
9	☐			2819.88	0.0012	P	3.4

$$y = 0.0011 * x + 1.7835E-005$$

$$R = 1.0000$$

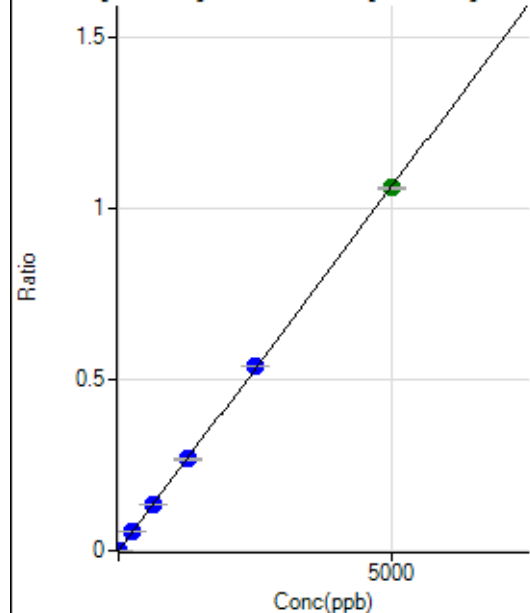
$$DL = 0.02263$$

$$BEC = 0.01665$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	8.3
2	☐	1.000					
3	☐	10.000	9.886	4545.42	0.0021	P	5.0
4	☐	250.000	254.427	118971.26	0.0541	P	1.1
5	☐	625.000	630.409	305112.31	0.1339	P	2.4
6	☐	1250.000	1255.081	627830.25	0.2666	P	0.6
7	☐	2500.000	2526.527	1288727.84	0.5367	P	0.2
8	☐	5000.000	4984.569	2575672.91	1.0589	A	0.7
9	☐			286.13	0.0001	P	21.5

$$y = 2.1243E-004 * x + 2.5407E-005$$

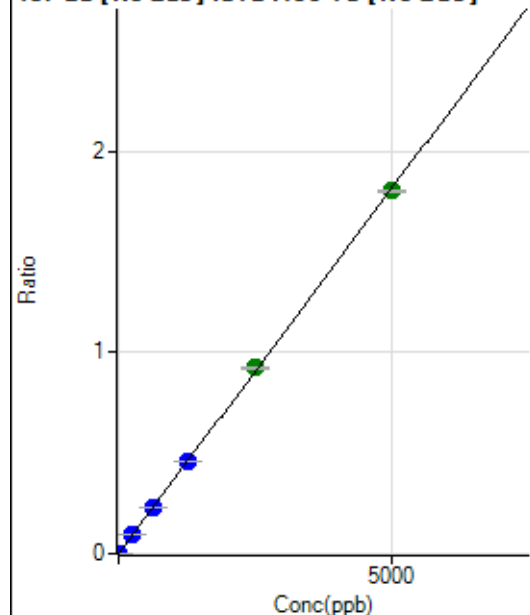
$$R = 1.0000$$

$$DL = 0.02987$$

$$BEC = 0.1196$$

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	50.00	0.0000	P	34.0
2	☐	1.000					
3	☐	10.000	9.840	7688.73	0.0036	P	2.6
4	☐	250.000	252.210	201367.24	0.0915	P	1.0
5	☐	625.000	629.555	520341.54	0.2284	P	2.5
6	☐	1250.000	1265.482	1081187.36	0.4592	P	1.0
7	☐	2500.000	2548.071	2219799.01	0.9245	A	0.8
8	☐	5000.000	4971.415	4387695.71	1.8038	A	0.5
9	☐			555.59	0.0002	P	12.1

$$y = 3.6283E-004 * x + 2.2886E-005$$

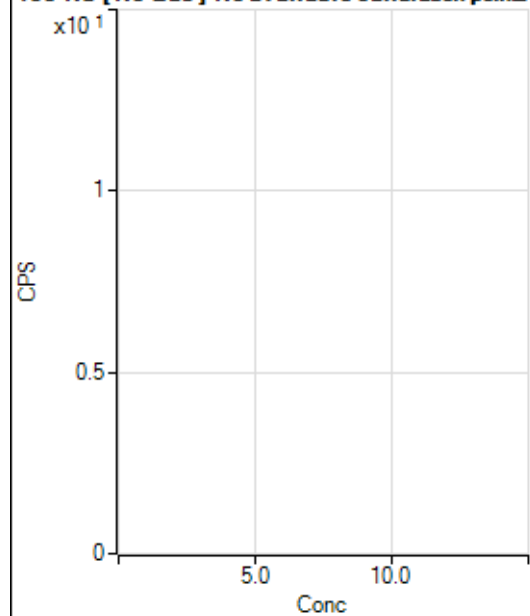
$$R = 0.9999$$

$$DL = 0.06425$$

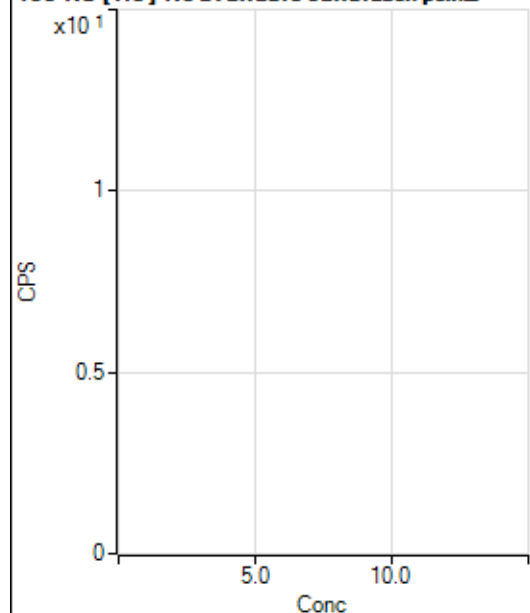
$$BEC = 0.06308$$

Weight: <None>

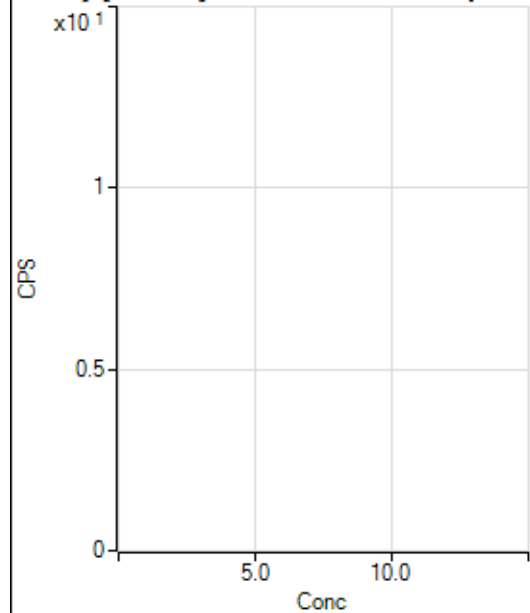
Min Conc: 0

150 Nd [No Gas] No available calibration points

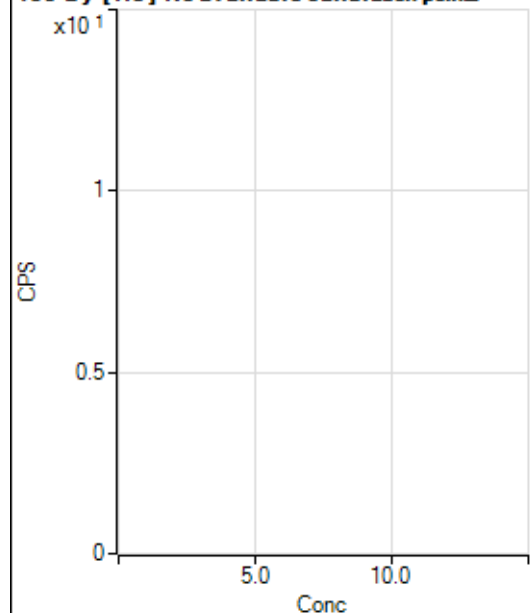
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			6.67		P	0.0
4	☐			11.11		P	91.7
5	☐			22.22		P	45.8
6	☐			37.78		P	53.9
7	☐			55.56		P	25.0
8	☐			122.23		P	13.7
9	☐			48.89		P	34.3

150 Nd [He] No available calibration points

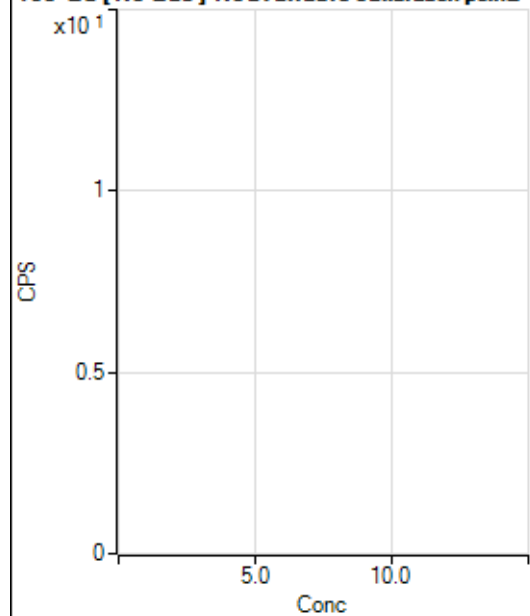
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			1.11		P	173.2
7	☐			5.56		P	91.6
8	☐			7.78		P	107.8
9	☐			14.45		P	26.7

156 Dy [No Gas] No available calibration points

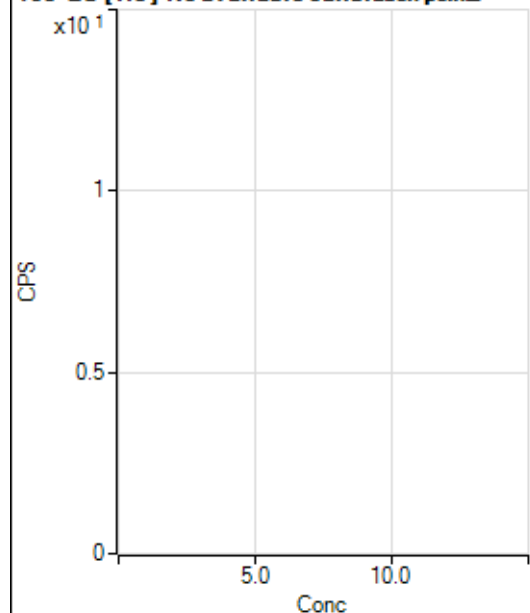
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			2.78		P	173.2
4	☐			8.33		P	0.0
5	☐			8.33		P	0.0
6	☐			27.78		P	17.3
7	☐			25.00		P	88.2
8	☐			50.00		P	16.7
9	☐			13.89		P	91.6

156 Dy [He] No available calibration points

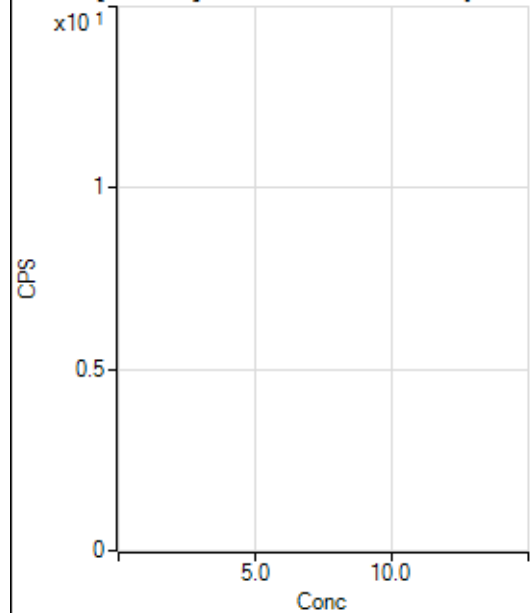
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			4.44		P	114.6
6	☐			0.00		P	
7	☐			0.00		P	
8	☐			4.45		P	86.6
9	☐			12.22		P	15.7

160 Gd [No Gas] Noavailable calibration poin_

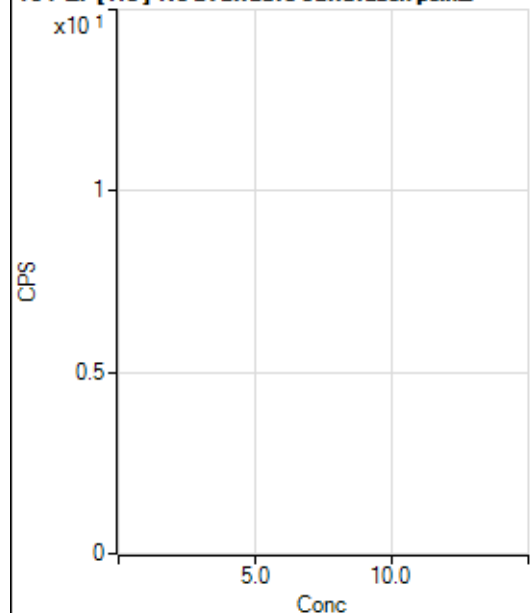
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐						
3	☐			13.89		P	69.3
4	☐			38.89		P	24.7
5	☐			22.22		P	21.6
6	☐			16.67		P	50.0
7	☐			27.78		P	17.3
8	☐			25.00		P	33.3
9	☐			36.11		P	35.3

160 Gd [He] No available calibration points

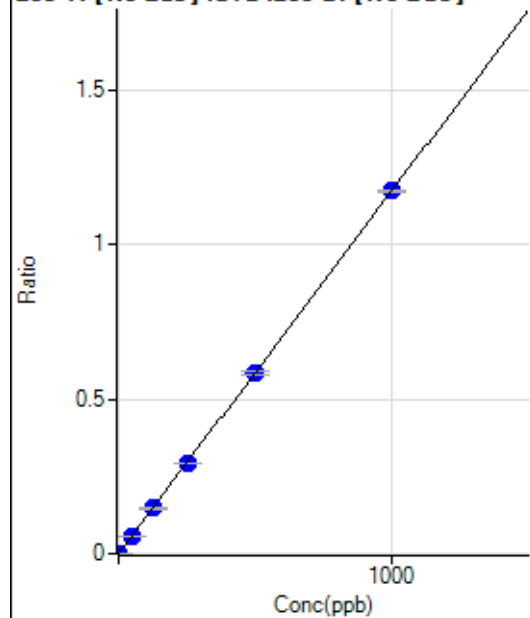
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐						
3	☐			7.78		P	24.7
4	☐			10.00		P	0.0
5	☐			10.00		P	66.7
6	☐			5.56		P	34.7
7	☐			8.89		P	43.3
8	☐			8.89		P	21.6
9	☐			27.78		P	36.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			13.89		P	34.7
4	☐			5.55		P	86.6
5	☐			13.89		P	91.6
6	☐			8.33		P	0.0
7	☐			13.89		P	91.6
8	☐			13.89		P	34.7
9	☐			27.78		P	34.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			3.33		P	100.1
4	☐			4.44		P	43.4
5	☐			4.44		P	43.4
6	☐			5.56		P	91.6
7	☐			5.56		P	34.7
8	☐			2.22		P	173.2
9	☐			7.78		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0001	P	33.3
2	☐	0.100					
3	☐	1.000	0.908	1250.12	0.0011	P	9.0
4	☐	50.000	49.452	66404.74	0.0580	P	0.6
5	☐	125.000	125.561	174190.49	0.1471	P	2.1
6	☐	250.000	247.625	359183.55	0.2901	P	0.4
7	☐	500.000	498.622	736143.09	0.5842	P	1.8
8	☐	1000.000	1001.240	1470527.81	1.1730	P	0.7
9	☐			94.45	0.0001	P	26.7

$$y = 0.0012 * x + 5.8727E-005$$

$$R = 1.0000$$

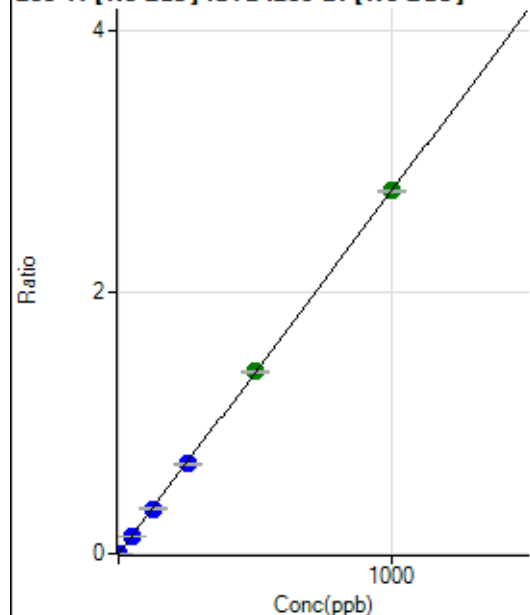
$$DL = 0.0501$$

$$BEC = 0.05013$$

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	141.68	0.0001	P	25.4
2	☐	0.100					
3	☐	1.000	0.929	3000.49	0.0027	P	4.5
4	☐	50.000	49.423	157050.06	0.1372	P	0.4
5	☐	125.000	123.984	406970.01	0.3439	P	3.3
6	☐	250.000	246.808	847250.70	0.6844	P	0.6
7	☐	500.000	501.151	1751094.09	1.3896	A	1.5
8	☐	1000.000	1000.378	3477298.43	2.7737	A	0.3
9	☐			291.68	0.0002	P	10.0

$$y = 0.0028 * x + 1.2467E-004$$

$$R = 1.0000$$

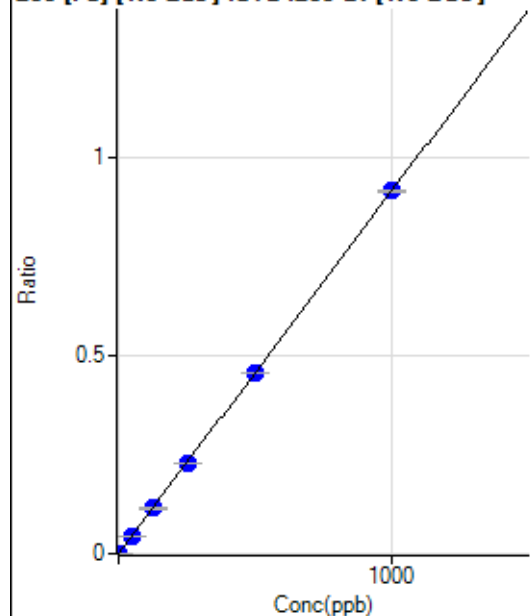
$$DL = 0.0343$$

$$BEC = 0.04497$$

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	198.16	0.0002	P	14.8
2	☐	0.100					
3	☐	1.000	0.953	1166.76	0.0010	P	5.6
4	☐	50.000	49.278	51924.93	0.0453	P	0.6
5	☐	125.000	124.572	135376.90	0.1144	P	2.3
6	☐	250.000	249.997	283908.06	0.2293	P	1.0
7	☐	500.000	497.816	575313.62	0.4565	P	0.6
8	☐	1000.000	1001.182	1150790.72	0.9179	P	0.4
9	☐			2370.67	0.0020	P	7.0

$$y = 9.1668E-004 * x + 1.7456E-004$$

$$R = 1.0000$$

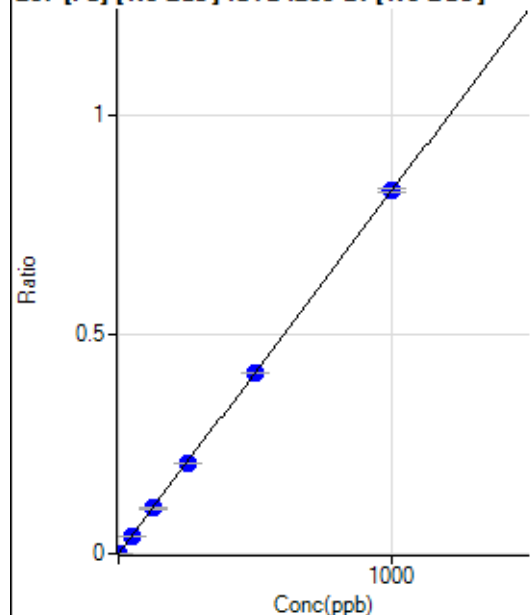
$$DL = 0.08466$$

$$BEC = 0.1904$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0002	P	13.2
2	☐	0.100					
3	☐	1.000	0.967	1074.15	0.0010	P	2.2
4	☐	50.000	49.618	47164.22	0.0412	P	1.0
5	☐	125.000	125.320	122817.42	0.1038	P	3.2
6	☐	250.000	249.039	255085.53	0.2061	P	1.4
7	☐	500.000	499.363	520495.93	0.4130	P	0.6
8	☐	1000.000	1000.538	1037232.05	0.8274	P	0.9
9	☐			2102.10	0.0018	P	2.8

$$y = 8.2674\text{E-}004 * x + 1.6623\text{E-}004$$

$$R = 1.0000$$

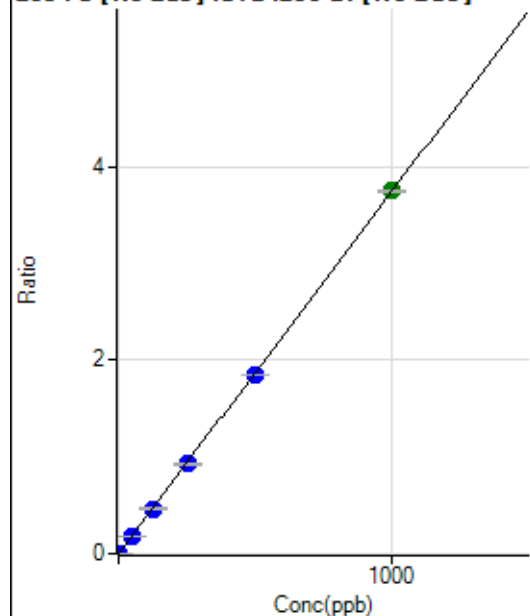
$$DL = 0.07955$$

$$BEC = 0.2011$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	924.12	0.0008	P	4.4
2	☐	0.100					
3	☐	1.000	0.897	4630.11	0.0042	P	2.6
4	☐	50.000	49.182	211276.85	0.1845	P	0.5
5	☐	125.000	124.621	551860.44	0.4663	P	2.9
6	☐	250.000	247.210	1144021.03	0.9241	P	1.1
7	☐	500.000	495.274	2332270.62	1.8507	P	0.4
8	☐	1000.000	1003.149	4698206.49	3.7476	A	0.5
9	☐			9336.80	0.0079	P	3.1

$$y = 0.0037 * x + 8.1332\text{E-}004$$

$$R = 1.0000$$

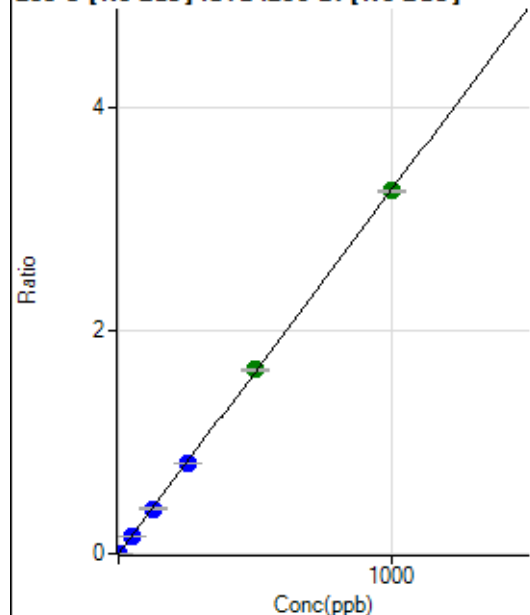
$$DL = 0.02852$$

$$BEC = 0.2178$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0001	P	25.5
2	☐	0.100					
3	☐	1.000	0.854	3261.71	0.0029	P	4.1
4	☐	50.000	48.178	180140.49	0.1573	P	0.7
5	☐	125.000	124.159	479658.06	0.4052	P	2.0
6	☐	250.000	247.445	999464.04	0.8074	P	1.0
7	☐	500.000	506.723	2083365.28	1.6532	A	0.9
8	☐	1000.000	997.473	4079618.19	3.2542	A	0.5
9	☐			169.45	0.0001	P	5.8

$$y = 0.0033 * x + 1.4411E-004$$

$$R = 1.0000$$

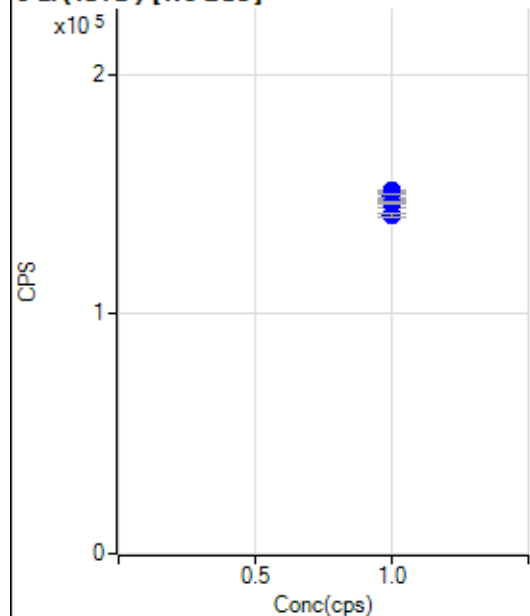
$$DL = 0.03376$$

$$BEC = 0.04417$$

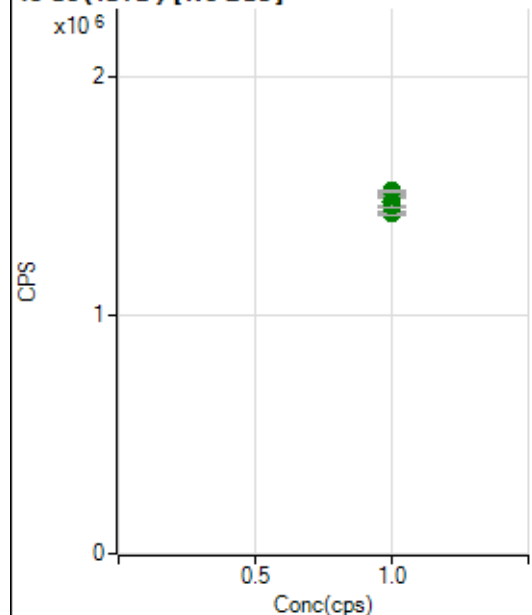
Weight: <None>

Min Conc: 0

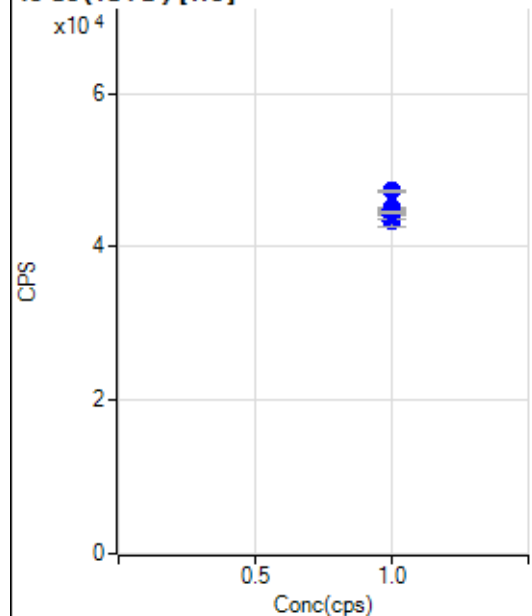
6 Li (ISTD) [No Gas]



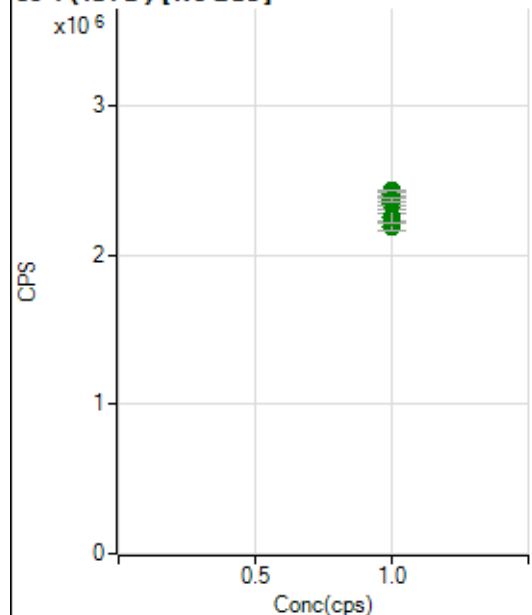
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		151375.12		P	0.7
2	☐	1.000					
3	☐	1.000		145634.15		P	2.1
4	☐	1.000		146489.85		P	1.0
5	☐	1.000		148267.31		P	2.2
6	☐	1.000		150365.01		P	0.5
7	☐	1.000		149309.44		P	0.7
8	☐	1.000		146340.56		P	0.1
9	☐	1.000		141133.96		P	1.5

45 Sc (ISTD) [No Gas]

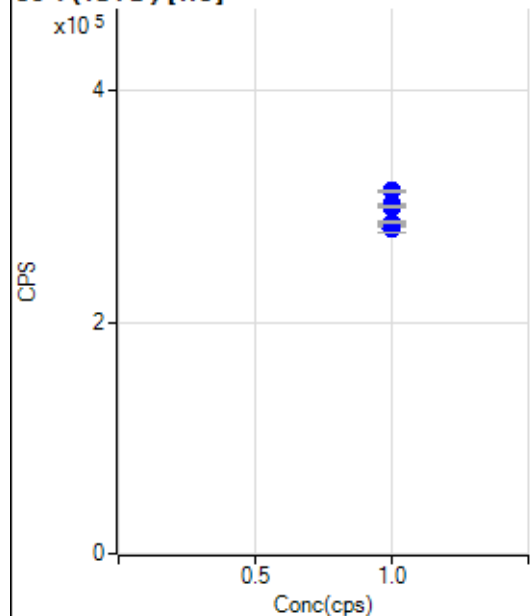
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1425933.38		A	0.6
2	☐	1.000					
3	☐	1.000		1421600.65		A	0.9
4	☐	1.000		1453120.89		A	0.6
5	☐	1.000		1471093.86		A	2.8
6	☐	1.000		1505120.51		A	0.6
7	☐	1.000		1495068.21		A	1.3
8	☐	1.000		1504270.10		A	0.4
9	☐	1.000		1518470.45		A	0.5

45 Sc (ISTD) [He]

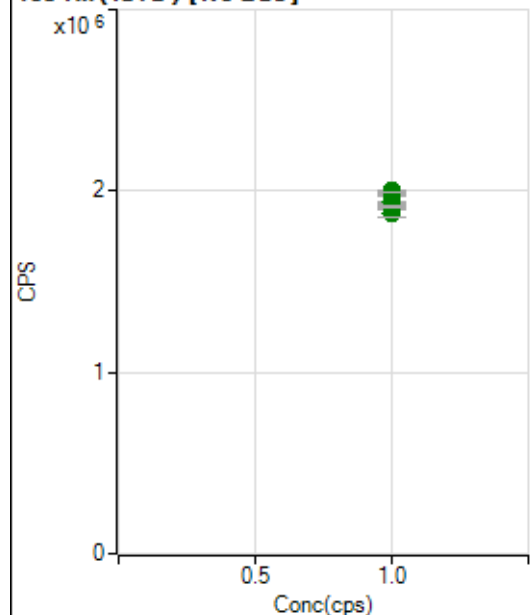
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		44483.64		P	0.3
2	☐	1.000					
3	☐	1.000		43392.79		P	3.7
4	☐	1.000		44143.77		P	2.1
5	☐	1.000		45028.84		P	0.2
6	☐	1.000		44630.76		P	0.4
7	☐	1.000		44951.74		P	1.1
8	☐	1.000		44511.53		P	0.9
9	☐	1.000		47309.42		P	0.4

89 Y (ISTD) [No Gas]

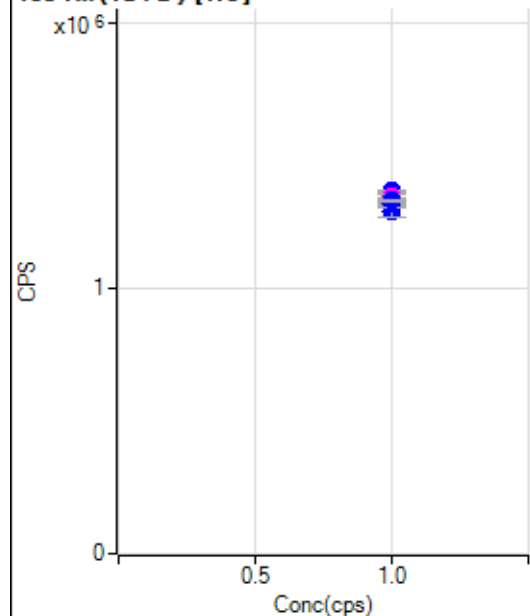
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2222305.16		A	0.4
2	☐	1.000					
3	☐	1.000		2185780.30		A	2.7
4	☐	1.000		2251319.46		A	2.3
5	☐	1.000		2256309.06		A	4.1
6	☐	1.000		2346500.24		A	1.0
7	☐	1.000		2404757.14		A	0.7
8	☐	1.000		2426893.94		A	0.8
9	☐	1.000		2368484.72		A	0.9

89 Y (ISTD) [He]

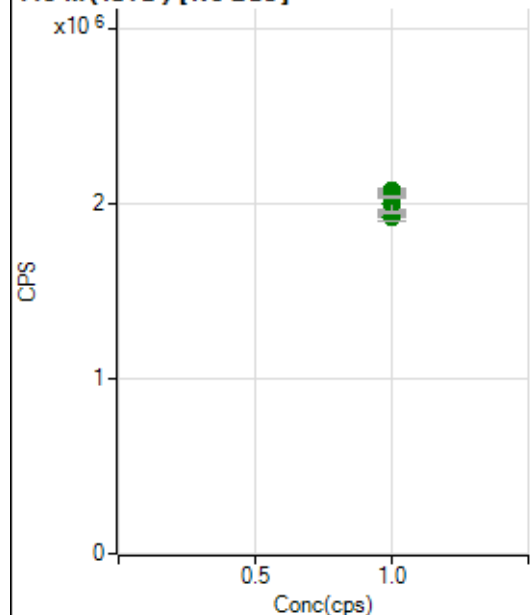
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		283333.36		P	0.2
2	☐	1.000					
3	☐	1.000		281634.82		P	2.6
4	☐	1.000		286463.09		P	0.9
5	☐	1.000		298937.50		P	0.3
6	☐	1.000		299371.11		P	0.2
7	☐	1.000		302211.42		P	0.7
8	☐	1.000		300194.96		P	0.7
9	☐	1.000		313590.64		P	0.4

103 Rh (ISTD) [No Gas]

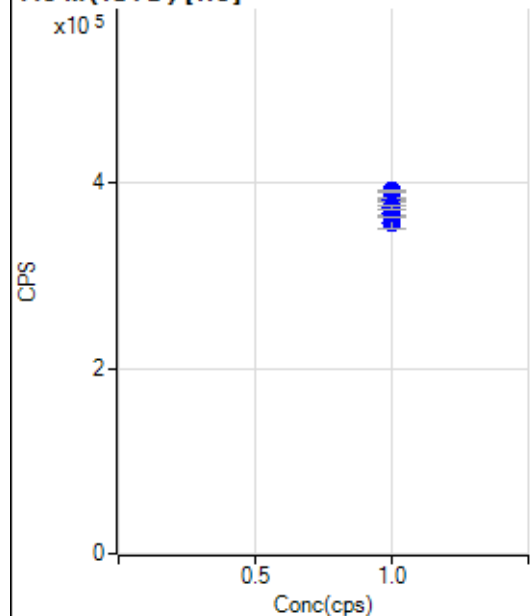
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1928364.52		A	1.0
2	☐	1.000					
3	☐	1.000		1874303.54		A	2.3
4	☐	1.000		1915797.40		A	1.1
5	☐	1.000		1934845.64		A	4.0
6	☐	1.000		2000058.62		A	0.5
7	☐	1.000		1990358.55		A	0.5
8	☐	1.000		1993201.54		A	0.4
9	☐	1.000		1913436.98		A	0.9

103 Rh (ISTD) [He]

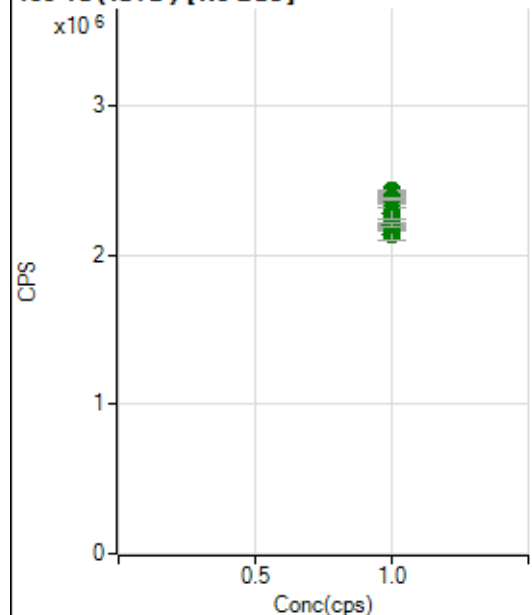
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1313969.37		P	0.9
2	☐	1.000					
3	☐	1.000		1292614.51		P	3.8
4	☐	1.000		1316485.13		P	1.7
5	☐	1.000		1362664.84		P	0.5
6	☐	1.000		1366719.63		P	0.4
7	☐	1.000		1365217.83		P	0.1
8	☐	1.000		1346027.71		M	1.3
9	☐	1.000		1331149.94		P	0.4

115 In (ISTD) [No Gas]

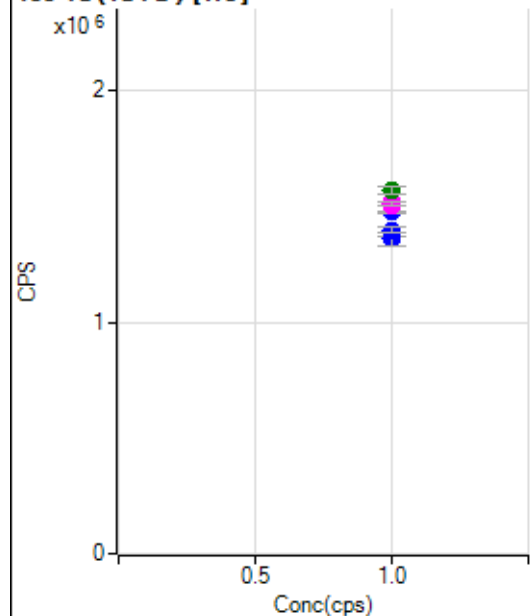
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1941093.79		A	1.0
2	☐	1.000					
3	☐	1.000		1921569.05		A	1.4
4	☐	1.000		1957500.52		A	1.1
5	☐	1.000		2004603.96		A	4.2
6	☐	1.000		2075232.45		A	1.0
7	☐	1.000		2076399.18		A	0.4
8	☐	1.000		2067511.46		A	0.6
9	☐	1.000		2043513.70		A	0.4

115 In (ISTD) [He]

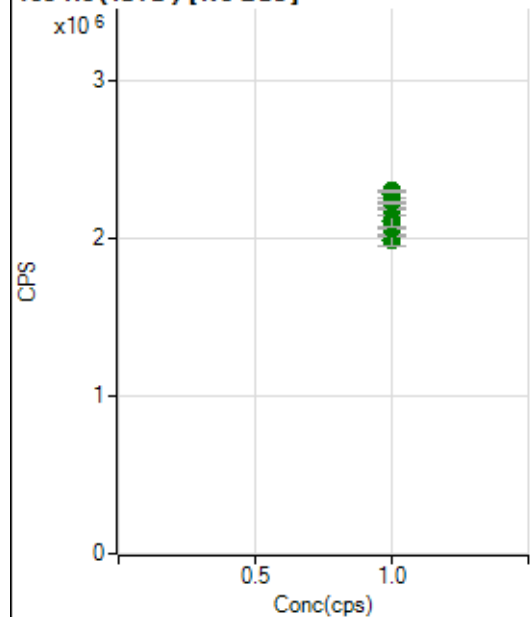
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		364762.44		P	0.1
2	☐	1.000					
3	☐	1.000		357032.62		P	3.3
4	☐	1.000		366932.91		P	2.2
5	☐	1.000		381242.34		P	0.3
6	☐	1.000		383435.14		P	0.1
7	☐	1.000		381615.35		P	1.1
8	☐	1.000		373462.77		P	0.7
9	☐	1.000		391466.72		P	0.4

159 Tb (ISTD) [No Gas]

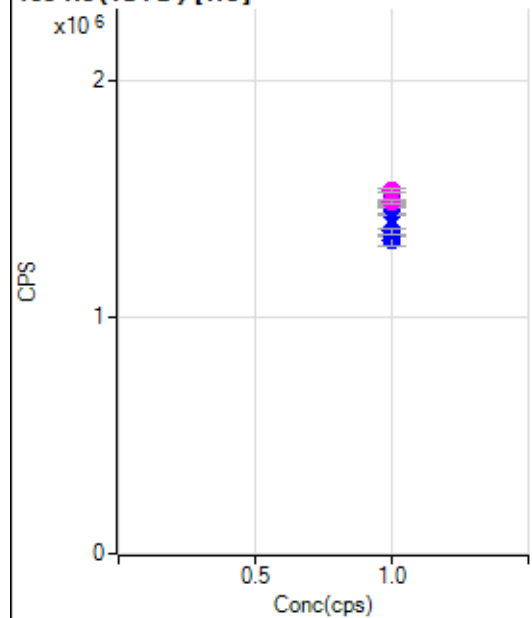
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2186532.73		A	1.6
2	☐	1.000					
3	☐	1.000		2141170.70		A	3.6
4	☐	1.000		2200163.51		A	1.3
5	☐	1.000		2279079.18		A	3.4
6	☐	1.000		2354612.06		A	0.4
7	☐	1.000		2401065.49		A	0.6
8	☐	1.000		2432447.66		A	0.5
9	☐	1.000		2379870.31		A	0.6

159 Tb (ISTD) [He]

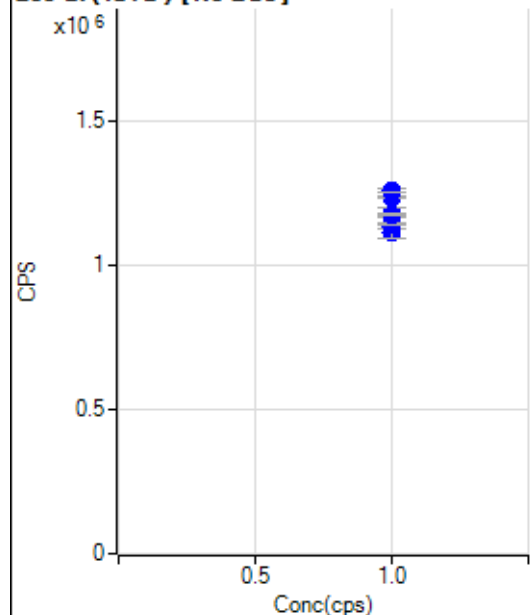
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1371221.33		P	0.3
2	☐	1.000					
3	☐	1.000		1357622.71		P	3.8
4	☐	1.000		1398212.08		P	1.9
5	☐	1.000		1474248.95		P	0.7
6	☐	1.000		1502058.57		M	0.2
7	☐	1.000		1520187.72		M	0.2
8	☐	1.000		1508994.20		M	1.0
9	☐	1.000		1565961.57		A	2.2

165 Ho (ISTD) [No Gas]

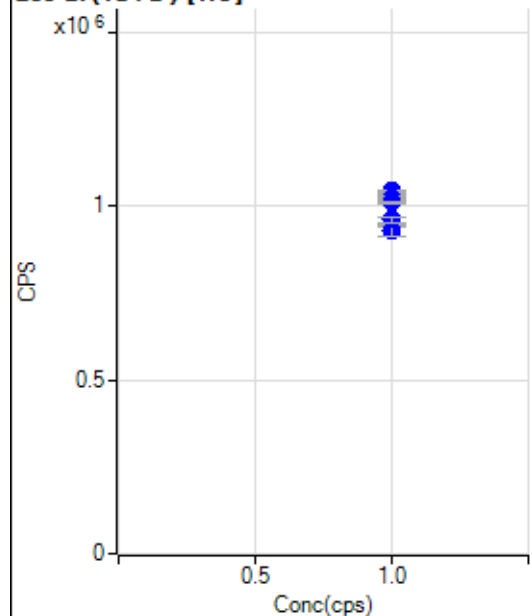
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2025500.46		A	0.9
2	☐	1.000					
3	☐	1.000		1989313.17		A	3.0
4	☐	1.000		2068852.78		A	0.8
5	☐	1.000		2109737.57		A	3.5
6	☐	1.000		2191553.35		A	0.7
7	☐	1.000		2280511.36		A	1.3
8	☐	1.000		2305455.35		A	0.6
9	☐	1.000		2231063.29		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1345307.96		P	0.9
2	☐	1.000					
3	☐	1.000		1325526.64		P	3.9
4	☐	1.000		1364056.16		P	2.1
5	☐	1.000		1439757.36		P	0.5
6	☐	1.000		1467423.50		P	0.2
7	☐	1.000		1495039.49		P	0.6
8	☐	1.000		1489758.92		M	1.1
9	☐	1.000		1535472.18		M	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1136011.87		P	0.8
2	☐	1.000					
3	☐	1.000		1112476.06		P	2.9
4	☐	1.000		1145086.33		P	0.3
5	☐	1.000		1184264.40		P	3.1
6	☐	1.000		1237947.79		P	0.4
7	☐	1.000		1260266.47		P	0.9
8	☐	1.000		1253663.46		P	0.1
9	☐	1.000		1177712.55		P	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		946019.33		P	0.8
2	☐	1.000					
3	☐	1.000		931646.02		P	3.2
4	☐	1.000		963011.81		P	1.6
5	☐	1.000		1015848.90		P	0.3
6	☐	1.000		1034738.54		P	0.2
7	☐	1.000		1045050.63		P	0.4
8	☐	1.000		1026132.26		P	0.5
9	☐	1.000		1013048.75		P	0.5

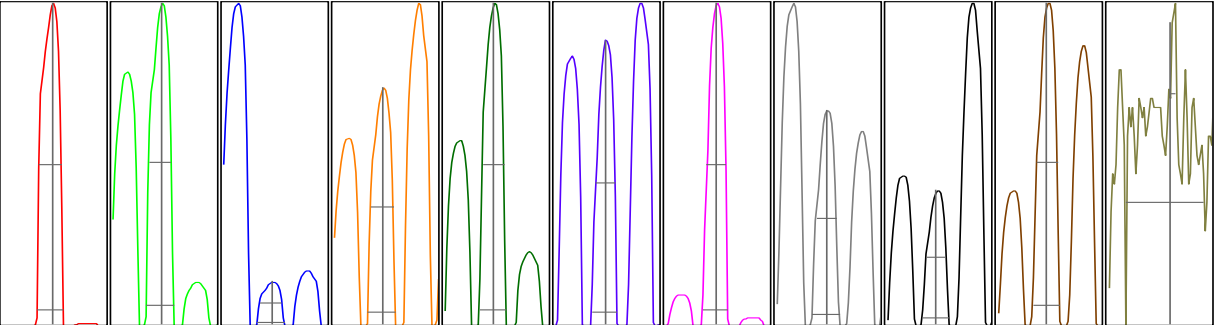
US EPA Tune Check Sample Report

Batch Folder D:\P8041119 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	1488	1.14	5.00	
24	33678	1.19	5.00	
25	4612	1.70	5.00	
26	5777	1.01	5.00	
59	20303	1.03	5.00	
113	2511	1.42	5.00	
115	29405	1.46	5.00	
206	4884	0.95	5.00	
207	4407	0.74	5.00	
208	10519	0.67	5.00	
220	1	21.64		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	1468	1492	1512	1476	1492
24	33154	34222	33857	33486	33673
25	4530	4740	4614	4605	4572
26	5720	5872	5749	5758	5785
59	20111	20320	20127	20331	20627
113	2556	2529	2476	2474	2520
115	30089	29546	28998	29209	29185
206	4927	4894	4812	4869	4918
207	4420	4404	4364	4395	4452
208	10519	10607	10427	10478	10564
220	1	1	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	2544	9.00	8.9 - 9.1		0.740	0.900	
24	56539	23.95	23.9 - 24.1		0.782	0.900	
25	7675	24.95	24.9 - 25.1		0.776	0.900	
26	9713	25.95	25.9 - 26.1		0.783	0.900	
59	35533	58.95	58.9 - 59.1		0.773	0.900	
113	4691	113.00	112.9 - 113.1		0.728	0.900	
115	55275	115.00	114.9 - 115.1		0.721	0.900	
206	8910	206.00	205.9 - 206.1		0.774	0.900	
207	8041	206.95	206.9 - 207.1		0.770	0.900	
208	19153	207.95	207.9 - 208.1		0.776	0.900	
220	2	220.35	-		2.192		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.7	V	Deflect	14.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6478	4.32	
89	10129	4.26	
205	6732	2.74	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6813	6035	6531	6487	6523
89	10574	9408	10184	10246	10235
205	6950	6443	6782	6712	6774

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.7	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 15:29:39 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-1.79	2.06	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.06	0.00	0.06	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.02	0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	0.03	-0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.13	-0.05	-0.07	0.00	N/A	ppb
Boron	10-1	-0.14	0.50	-0.36	0.00	N/A	ppb
Cadmium	106-1	-1.20	1.50	-0.30	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.04	0.07	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.10	-0.03	0.00	N/A	ppb
Calcium	43-1	-6.86	-5.57	12.43	0.00	N/A	ppb
Calcium	44-1	-1.50	0.34	1.16	0.00	N/A	ppb
Chromium	52-2	-0.01	0.07	-0.06	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.09	0.01	0.08	0.00	N/A	ppb
Iron	57-2	1.75	0.13	-1.88	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.00	0.02	-0.03	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	206-1	-0.03	0.00	0.03	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.10	-0.51	0.41	0.00	N/A	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:29:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.06	0.00	N/A	ppb
Phosphorus	31-2	-47.78	-11.26	-47.73	-35.59		ppb
Potassium	39-2	-2.15	-5.18	7.33	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.93	-1.93	3.86	0.00	N/A	ppb
Selenium	78-2	-0.46	0.93	-0.46	0.00	N/A	ppb
Selenium	82-1	0.29	-0.94	0.65	0.00	N/A	ppb
Silicon	28-1	-175.21	62.31	112.90	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	107-1	-0.02	0.01	0.01	0.00	N/A	ppb
Sodium	23-2	0.21	1.13	-1.35	0.00	N/A	ppb
Strontium	86-1	-0.08	-0.05	0.13	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-372.45	-335.85	473.76	-78.18		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	0.02	0.01	-0.04	0.00	N/A	ppb
Titanium	47-1	-0.34	0.54	-0.20	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:29:39	DataFile Name :	003CALB.d

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

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:37:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.64	18.80	16.71	17.05	9.42	ppb
Antimony	121-1	1.71	1.82	2.01	1.85	8.17	ppb
Arsenic	75-1	0.89	0.95	0.88	0.91	3.90	ppb
Barium	135-1	9.39	9.87	10.39	9.89	5.03	ppb
Barium	137-1	9.58	9.84	10.10	9.84	2.64	ppb
Beryllium	9-1	0.76	0.89	0.95	0.86	11.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	21.05	22.70	23.99	22.58	6.52	ppb
Boron	10-1	24.24	23.66	21.49	23.13	6.27	ppb
Cadmium	106-1	-1.02	0.20	-2.46	-1.09		ppb
Cadmium	108-1	1.12	1.06	1.21	1.13	6.70	ppb
Cadmium	111-1	0.89	0.86	0.61	0.79	20.05	ppb
Calcium	43-1	468.27	413.44	469.90	450.54	7.13	ppb
Calcium	44-1	457.56	449.97	454.68	454.07	0.84	ppb
Chromium	52-2	1.99	1.96	1.73	1.89	7.51	ppb
Cobalt	59-2	0.88	0.98	0.92	0.92	5.60	ppb
Copper	63-2	1.82	1.92	1.83	1.86	2.99	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				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	48.86	54.01	50.60	51.16	5.12	ppb
Iron	57-2	49.01	52.29	49.60	50.30	3.47	ppb
Krypton	83-1						cps
Lead	207-1	0.94	0.99	0.97	0.97	2.61	ppb
Lead	208-1	0.87	0.90	0.93	0.90	3.18	ppb
Lead	206-1	0.91	1.03	0.93	0.95	6.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	525.41	530.53	503.21	519.72	2.79	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:37:29	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.10	0.98	1.02	6.95	ppb
Molybdenum	94-1	4.47	4.83	5.09	4.80	6.44	ppb
Molybdenum	95-1	5.00	5.04	5.16	5.07	1.59	ppb
Molybdenum	96-1	4.95	5.08	5.46	5.17	5.15	ppb
Molybdenum	97-1	5.43	5.21	5.13	5.26	2.92	ppb
Molybdenum	98-1	4.98	5.00	5.19	5.06	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.96	1.17	1.01	13.57	ppb
Phosphorus	31-2	49.74	18.38	38.65	35.59	44.69	ppb
Potassium	39-2	457.45	485.51	462.99	468.65	3.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-1.93	4.08	6.73	2.96	149.84	ppb
Selenium	78-2	7.26	4.35	6.43	6.01	24.87	ppb
Selenium	82-1	5.72	3.04	5.41	4.72	31.04	ppb
Silicon	28-1	-85.22	-283.44	-191.86	-186.84		ppb
Silver	109-1	1.01	1.14	1.03	1.06	6.88	ppb
Silver	107-1	1.08	1.12	1.07	1.09	2.39	ppb
Sodium	23-2	480.62	519.70	492.64	497.66	4.02	ppb
Strontium	86-1	0.60	0.90	0.87	0.79	20.55	ppb
Strontium	88-1	0.91	0.91	0.97	0.93	3.67	ppb
Sulfur	34-1	600.93	-92.97	-273.42	78.18	590.45	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.92	0.99	0.82	0.91	9.52	ppb
Thallium	205-1	0.89	0.92	0.98	0.93	4.77	ppb
Tin	118-1	5.09	4.86	5.25	5.07	3.93	ppb
Titanium	47-1	4.36	3.83	5.38	4.52	17.41	ppb
Uranium	238-1	0.82	0.89	0.85	0.85	4.33	ppb
Vanadium	51-2	5.07	4.99	5.05	5.04	0.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	1.88	1.99	1.46	1.78	15.58	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:37:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.97	0.92	1.07	0.99	7.93	ppb
Zirconium	91-1	0.79	0.93	0.92	0.88	9.34	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:41:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	971.54	1017.58	979.28	989.47	2.49	ppb
Antimony	121-1	50.74	51.19	49.59	50.50	1.63	ppb
Arsenic	75-1	50.15	48.25	50.57	49.66	2.48	ppb
Barium	135-1	251.37	257.14	254.78	254.43	1.14	ppb
Barium	137-1	253.61	253.79	249.23	252.21	1.02	ppb
Beryllium	9-1	50.78	52.36	49.55	50.90	2.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	48.07	50.50	50.02	49.53	2.60	ppb
Boron	10-1	50.28	52.63	46.39	49.77	6.34	ppb
Cadmium	106-1	50.01	54.03	56.34	53.46	5.99	ppb
Cadmium	108-1	52.01	55.54	53.15	53.57	3.36	ppb
Cadmium	111-1	52.23	51.64	50.51	51.46	1.70	ppb
Calcium	43-1	5010.81	4907.21	4927.40	4948.47	1.11	ppb
Calcium	44-1	5036.89	5083.73	4916.45	5012.35	1.72	ppb
Chromium	52-2	51.57	51.46	49.82	50.95	1.92	ppb
Cobalt	59-2	51.93	52.24	50.98	51.72	1.27	ppb
Copper	63-2	101.86	104.53	98.63	101.67	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2635.70	2591.74	2588.48	2605.31	1.01	ppb
Iron	57-2	2602.73	2590.89	2483.16	2558.93	2.57	ppb
Krypton	83-1						cps
Lead	207-1	49.47	50.19	49.20	49.62	1.04	ppb
Lead	208-1	49.47	49.14	48.94	49.18	0.54	ppb
Lead	206-1	49.58	49.24	49.01	49.28	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	5414.69	5525.86	5283.29	5407.95	2.25	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:41:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.28	102.42	100.56	102.09	1.36	ppb
Molybdenum	94-1	254.25	243.66	248.56	248.82	2.13	ppb
Molybdenum	95-1	253.89	242.44	250.92	249.08	2.38	ppb
Molybdenum	96-1	260.34	241.22	251.36	250.97	3.81	ppb
Molybdenum	97-1	259.56	241.83	255.05	252.14	3.65	ppb
Molybdenum	98-1	257.32	246.08	255.13	252.84	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.43	52.28	50.50	51.41	1.74	ppb
Phosphorus	31-2	933.54	1075.81	889.35	966.23	10.08	ppb
Potassium	39-2	2563.89	2535.14	2415.30	2504.78	3.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	55.12	64.63	55.00	58.25	9.49	ppb
Selenium	78-2	49.96	46.10	47.58	47.88	4.07	ppb
Selenium	82-1	51.48	51.08	51.35	51.30	0.39	ppb
Silicon	28-1	-412.92	-406.17	-683.19	-500.76		ppb
Silver	109-1	50.97	50.73	48.85	50.18	2.32	ppb
Silver	107-1	51.23	52.33	49.67	51.07	2.62	ppb
Sodium	23-2	5431.55	5516.15	5211.56	5386.42	2.92	ppb
Strontium	86-1	51.18	47.57	49.30	49.35	3.65	ppb
Strontium	88-1	50.96	48.92	49.95	49.94	2.04	ppb
Sulfur	34-1	417.23	184.40	-683.91	-27.43		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	49.09	49.61	49.65	49.45	0.63	ppb
Thallium	205-1	49.53	49.19	49.55	49.42	0.42	ppb
Tin	118-1	52.20	51.96	51.65	51.94	0.53	ppb
Titanium	47-1	244.98	243.18	244.52	244.23	0.38	ppb
Uranium	238-1	47.78	48.34	48.42	48.18	0.72	ppb
Vanadium	51-2	49.98	51.52	47.87	49.79	3.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	102.44	101.04	96.98	100.15	2.83	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:41:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.16	48.59	50.06	49.94	2.58	ppb
Zirconium	91-1	50.60	49.25	50.05	49.97	1.36	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:45:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2445.05	2506.47	2545.57	2499.03	2.03	ppb
Antimony	121-1	130.82	123.06	125.02	126.30	3.20	ppb
Arsenic	75-1	130.65	124.92	125.10	126.89	2.57	ppb
Barium	135-1	646.25	616.39	628.58	630.41	2.38	ppb
Barium	137-1	647.80	617.65	623.21	629.56	2.55	ppb
Beryllium	9-1	130.11	126.08	125.85	127.35	1.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	11-1	129.21	124.97	126.29	126.82	1.71	ppb
Boron	10-1	131.40	124.33	125.81	127.18	2.93	ppb
Cadmium	106-1	138.94	128.96	122.44	130.11	6.38	ppb
Cadmium	108-1	142.76	120.58	125.83	129.72	8.94	ppb
Cadmium	111-1	130.07	127.48	127.54	128.36	1.15	ppb
Calcium	43-1	13027.30	12152.40	12273.35	12484.35	3.80	ppb
Calcium	44-1	13280.01	12562.13	12634.72	12825.62	3.08	ppb
Chromium	52-2	127.60	129.12	127.67	128.13	0.67	ppb
Cobalt	59-2	129.92	127.97	128.75	128.88	0.76	ppb
Copper	63-2	253.51	251.72	250.75	252.00	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	6468.52	6528.47	6522.86	6506.62	0.51	ppb
Iron	57-2	6336.26	6370.34	6309.92	6338.84	0.48	ppb
Krypton	83-1						cps
Lead	207-1	129.93	122.78	123.25	125.32	3.19	ppb
Lead	208-1	128.85	122.12	122.89	124.62	2.95	ppb
Lead	206-1	127.89	122.45	123.37	124.57	2.34	ppb
Lithium	6-1				98		%
Magnesium	24-2	13468.00	13332.73	13350.61	13383.78	0.55	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:45:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.36	254.31	254.21	253.63	0.43	ppb
Molybdenum	94-1	670.52	631.32	637.27	646.37	3.27	ppb
Molybdenum	95-1	667.48	628.43	631.47	642.46	3.38	ppb
Molybdenum	96-1	667.17	625.22	639.86	644.08	3.31	ppb
Molybdenum	97-1	666.75	621.38	633.67	640.60	3.66	ppb
Molybdenum	98-1	681.12	626.64	641.13	649.63	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.41	128.53	130.04	129.32	0.59	ppb
Phosphorus	31-2	2444.55	2290.82	2538.47	2424.61	5.16	ppb
Potassium	39-2	6270.82	6161.11	6127.86	6186.60	1.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	140.33	193.34	127.21	153.63	22.79	ppb
Selenium	78-2	123.69	130.92	122.48	125.70	3.63	ppb
Selenium	82-1	137.85	124.16	129.97	130.66	5.26	ppb
Silicon	28-1	-38.87	-741.73	-623.65	-468.08		ppb
Silver	109-1	130.33	122.33	122.18	124.95	3.73	ppb
Silver	107-1	132.64	123.25	125.39	127.09	3.87	ppb
Sodium	23-2	13351.41	13275.21	13348.40	13325.01	0.32	ppb
Strontium	86-1	136.62	124.13	122.72	127.82	5.99	ppb
Strontium	88-1	133.12	124.42	126.35	127.96	3.57	ppb
Sulfur	34-1	2447.96	-1524.85	-591.10	110.67	1877.04	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	128.55	123.69	124.44	125.56	2.09	ppb
Thallium	205-1	128.63	121.17	122.15	123.98	3.27	ppb
Tin	118-1	132.74	124.74	124.91	127.46	3.59	ppb
Titanium	47-1	635.88	611.93	617.43	621.75	2.02	ppb
Uranium	238-1	127.00	122.79	122.69	124.16	1.98	ppb
Vanadium	51-2	125.29	125.03	126.50	125.61	0.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	254.72	256.09	257.51	256.11	0.54	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:45:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	133.62	123.99	125.70	127.77	4.02	ppb
Zirconium	91-1	136.07	123.94	129.03	129.68	4.70	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:49:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5022.02	5034.61	4985.46	5014.03	0.51	ppb
Antimony	121-1	251.16	248.42	247.65	249.08	0.74	ppb
Arsenic	75-1	249.99	248.69	245.59	248.09	0.91	ppb
Barium	135-1	1246.97	1261.25	1257.03	1255.08	0.58	ppb
Barium	137-1	1279.06	1261.78	1255.61	1265.48	0.96	ppb
Beryllium	9-1	253.09	253.37	251.48	252.65	0.40	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	11-1	246.22	248.89	252.86	249.32	1.34	ppb
Boron	10-1	251.40	272.99	248.62	257.67	5.18	ppb
Cadmium	106-1	253.53	245.19	255.05	251.25	2.11	ppb
Cadmium	108-1	247.40	247.56	257.51	250.82	2.31	ppb
Cadmium	111-1	251.73	257.12	248.63	252.49	1.70	ppb
Calcium	43-1	24926.61	24765.14	24195.34	24629.03	1.56	ppb
Calcium	44-1	25092.29	25043.05	24815.47	24983.60	0.59	ppb
Chromium	52-2	257.26	256.80	256.66	256.91	0.12	ppb
Cobalt	59-2	257.95	253.27	256.96	256.06	0.96	ppb
Copper	63-2	507.23	503.89	506.87	506.00	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	12898.74	12773.33	12969.18	12880.42	0.77	ppb
Iron	57-2	12662.30	12643.03	12830.99	12712.11	0.81	ppb
Krypton	83-1						cps
Lead	207-1	252.51	245.31	249.29	249.04	1.45	ppb
Lead	208-1	249.40	244.17	248.06	247.21	1.10	ppb
Lead	206-1	251.26	247.21	251.52	250.00	0.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	26638.25	26885.17	26853.74	26792.39	0.50	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:49:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.34	504.38	507.84	506.85	0.43	ppb
Molybdenum	94-1	1258.53	1260.53	1276.25	1265.10	0.77	ppb
Molybdenum	95-1	1257.51	1279.62	1286.26	1274.46	1.18	ppb
Molybdenum	96-1	1301.60	1290.64	1305.92	1299.39	0.61	ppb
Molybdenum	97-1	1276.43	1257.73	1284.41	1272.86	1.08	ppb
Molybdenum	98-1	1305.85	1280.92	1316.39	1301.06	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.19	258.18	259.13	258.50	0.21	ppb
Phosphorus	31-2	5435.40	5087.20	5130.17	5217.59	3.64	ppb
Potassium	39-2	12382.71	12411.14	12387.72	12393.86	0.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	228.60	286.03	296.17	270.27	13.48	ppb
Selenium	78-2	260.49	254.62	249.55	254.89	2.15	ppb
Selenium	82-1	259.66	257.16	263.15	259.99	1.16	ppb
Silicon	28-1	-492.69	-341.86	-614.41	-482.99		ppb
Silver	109-1	244.56	248.66	244.09	245.77	1.02	ppb
Silver	107-1	245.19	251.15	247.58	247.97	1.21	ppb
Sodium	23-2	26988.58	26889.32	26677.27	26851.72	0.59	ppb
Strontium	86-1	250.64	250.56	253.62	251.61	0.69	ppb
Strontium	88-1	254.31	253.54	259.90	255.92	1.36	ppb
Sulfur	34-1	1767.47	1118.82	246.65	1044.32	73.08	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	248.74	247.21	246.92	247.62	0.39	ppb
Thallium	205-1	245.43	246.53	248.47	246.81	0.62	ppb
Tin	118-1	252.93	255.85	250.43	253.07	1.07	ppb
Titanium	47-1	1228.90	1233.70	1227.94	1230.18	0.25	ppb
Uranium	238-1	248.13	244.76	249.45	247.45	0.98	ppb
Vanadium	51-2	257.62	254.48	251.78	254.63	1.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	508.40	511.07	502.50	507.32	0.86	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:49:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	248.16	250.59	254.86	251.21	1.35	ppb
Zirconium	91-1	249.39	254.44	260.51	254.78	2.19	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:53:12	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9888.97	9726.17	9782.62	9799.25	0.84	ppb
Antimony	121-1	500.97	503.00	503.19	502.39	0.25	ppb
Arsenic	75-1	514.65	504.93	502.19	507.25	1.29	ppb
Barium	135-1	2528.73	2529.46	2521.38	2526.53	0.18	ppb
Barium	137-1	2571.48	2543.31	2529.41	2548.07	0.84	ppb
Beryllium	9-1	515.27	507.50	509.19	510.65	0.80	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	11-1	503.95	500.64	505.85	503.48	0.52	ppb
Boron	10-1	514.02	500.02	515.90	509.98	1.70	ppb
Cadmium	106-1	519.58	491.23	500.73	503.84	2.86	ppb
Cadmium	108-1	495.27	491.94	511.02	499.41	2.04	ppb
Cadmium	111-1	504.62	504.58	497.20	502.13	0.85	ppb
Calcium	43-1	50431.96	49594.24	49986.83	50004.34	0.84	ppb
Calcium	44-1	50799.71	49904.84	49340.85	50015.13	1.47	ppb
Chromium	52-2	511.60	505.87	517.10	511.52	1.10	ppb
Cobalt	59-2	513.53	507.19	513.30	511.34	0.70	ppb
Copper	63-2	1016.79	1001.84	1008.70	1009.11	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	25934.34	25377.43	26170.67	25827.48	1.58	ppb
Iron	57-2	25531.18	25302.92	26066.76	25633.62	1.53	ppb
Krypton	83-1						cps
Lead	207-1	501.68	495.70	500.71	499.36	0.64	ppb
Lead	208-1	497.29	494.56	493.97	495.27	0.36	ppb
Lead	206-1	499.70	499.23	494.51	497.82	0.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	53171.75	52972.88	53452.51	53199.05	0.45	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:53:12	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1026.86	1010.25	1024.56	1020.56	0.88	ppb
Molybdenum	94-1	2522.74	2570.82	2540.30	2544.62	0.96	ppb
Molybdenum	95-1	2541.17	2541.78	2564.82	2549.26	0.53	ppb
Molybdenum	96-1	2562.95	2545.37	2591.79	2566.70	0.91	ppb
Molybdenum	97-1	2540.29	2546.55	2545.74	2544.20	0.13	ppb
Molybdenum	98-1	2533.83	2562.46	2542.00	2546.09	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.60	512.68	518.43	516.57	0.65	ppb
Phosphorus	31-2	10560.27	10886.44	10548.17	10664.96	1.80	ppb
Potassium	39-2	24749.72	24591.97	24827.39	24723.03	0.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	525.47	498.01	480.50	501.32	4.52	ppb
Selenium	78-2	522.29	528.83	507.39	519.50	2.12	ppb
Selenium	82-1	516.82	503.67	502.00	507.50	1.60	ppb
Silicon	28-1	471.78	237.73	202.39	303.97	48.16	ppb
Silver	109-1	488.32	488.34	488.38	488.35	0.01	ppb
Silver	107-1	492.53	492.25	496.11	493.63	0.44	ppb
Sodium	23-2	52349.78	50881.18	53381.11	52204.02	2.41	ppb
Strontium	86-1	508.40	498.43	500.79	502.54	1.04	ppb
Strontium	88-1	521.80	508.38	498.46	509.55	2.30	ppb
Sulfur	34-1	9214.97	7666.34	6987.14	7956.15	14.35	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	507.81	498.69	489.37	498.62	1.85	ppb
Thallium	205-1	509.07	499.80	494.58	501.15	1.46	ppb
Tin	118-1	506.56	507.76	496.39	503.57	1.24	ppb
Titanium	47-1	2521.17	2492.02	2490.44	2501.21	0.69	ppb
Uranium	238-1	511.89	505.31	502.97	506.72	0.91	ppb
Vanadium	51-2	505.91	501.54	517.87	508.44	1.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	1005.24	996.70	1013.90	1005.28	0.86	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:53:12	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.47	507.00	505.51	509.00	0.94	ppb
Zirconium	91-1	501.83	505.70	500.64	502.72	0.53	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:57:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19251.14	19142.33	19079.23	19157.57	0.45	ppb
Antimony	121-1	1003.38	992.88	1000.30	998.85	0.54	ppb
Arsenic	75-1	991.26	999.28	999.35	996.63	0.47	ppb
Barium	135-1	4993.73	5015.42	4944.55	4984.57	0.73	ppb
Barium	137-1	4984.41	4945.10	4984.73	4971.41	0.46	ppb
Beryllium	9-1	993.94	991.31	995.78	993.67	0.23	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	11-1	984.35	998.40	1012.11	998.28	1.39	ppb
Boron	10-1	974.48	989.97	1014.18	992.88	2.02	ppb
Cadmium	106-1	971.91	1004.65	1014.30	996.95	2.23	ppb
Cadmium	108-1	992.89	1012.04	993.03	999.32	1.10	ppb
Cadmium	111-1	989.83	1002.34	1001.28	997.82	0.70	ppb
Calcium	43-1	96703.44	96962.63	96450.46	96705.51	0.26	ppb
Calcium	44-1	97184.41	97374.70	96920.00	97159.70	0.24	ppb
Chromium	52-2	1000.86	994.92	980.44	992.08	1.06	ppb
Cobalt	59-2	993.88	984.88	997.97	992.24	0.67	ppb
Copper	63-2	2004.71	1970.48	2005.65	1993.61	1.01	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				114		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	49808.07	49758.05	49491.37	49685.83	0.34	ppb
Iron	57-2	49875.68	49833.44	49752.06	49820.39	0.13	ppb
Krypton	83-1						cps
Lead	207-1	1000.05	991.81	1009.76	1000.54	0.90	ppb
Lead	208-1	1001.25	999.70	1008.49	1003.15	0.47	ppb
Lead	206-1	998.34	999.11	1006.10	1001.18	0.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	103158.82	100241.84	101386.88	101595.84	1.45	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:57:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2008.89	1989.67	1963.79	1987.45	1.14	ppb
Molybdenum	94-1	5026.52	4885.74	5001.65	4971.30	1.51	ppb
Molybdenum	95-1	5036.12	4914.61	4950.63	4967.12	1.26	ppb
Molybdenum	96-1	5015.80	4908.60	4931.19	4951.87	1.14	ppb
Molybdenum	97-1	5025.86	4931.31	4953.23	4970.13	1.00	ppb
Molybdenum	98-1	5041.93	4927.77	4913.20	4960.97	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.31	980.96	985.67	988.98	1.02	ppb
Phosphorus	31-2	19627.00	19082.45	20163.26	19624.24	2.75	ppb
Potassium	39-2	48255.88	48004.64	48051.92	48104.15	0.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	903.36	1007.56	1059.95	990.29	8.05	ppb
Selenium	78-2	996.84	986.46	983.81	989.04	0.70	ppb
Selenium	82-1	1002.24	977.64	999.08	992.98	1.35	ppb
Silicon	28-1	1436.65	1359.16	1358.91	1384.91	3.24	ppb
Silver	109-1	1005.82	1011.31	1003.51	1006.88	0.40	ppb
Silver	107-1	997.94	1002.42	1009.77	1003.38	0.60	ppb
Sodium	23-2	100981.62	100343.23	99604.88	100309.91	0.69	ppb
Strontium	86-1	1000.92	994.89	998.21	998.01	0.30	ppb
Strontium	88-1	992.87	991.53	995.74	993.38	0.22	ppb
Sulfur	34-1	23100.47	22021.49	21960.69	22360.88	2.87	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	993.32	1004.01	1006.38	1001.24	0.69	ppb
Thallium	205-1	1003.29	998.35	999.49	1000.38	0.26	ppb
Tin	118-1	981.81	1018.45	990.86	997.04	1.91	ppb
Titanium	47-1	4981.51	5046.33	4987.30	5005.05	0.72	ppb
Uranium	238-1	1002.83	993.68	995.92	997.47	0.48	ppb
Vanadium	51-2	1002.80	996.53	984.34	994.56	0.94	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	2006.83	1989.46	1987.98	1994.76	0.53	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:57:00	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	991.80	993.99	998.78	994.86	0.36	ppb
Zirconium	91-1	993.61	994.11	1002.86	996.86	0.52	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:00:40	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99877.32	100459.72	100226.93	100187.99	0.29	ppb
Antimony	121-1	1.12	1.05	1.10	1.09	3.50	ppb
Arsenic	75-1	1.84	1.47	1.66	1.66	11.07	ppb
Barium	135-1	0.31	0.51	0.53	0.45	27.30	ppb
Barium	137-1	0.62	0.63	0.49	0.58	13.47	ppb
Beryllium	9-1	0.14	0.12	0.10	0.12	12.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	11-1	22.79	20.49	18.66	20.65	10.03	ppb
Boron	10-1	19.11	18.18	16.66	17.98	6.90	ppb
Cadmium	106-1	1.40	-2.53	-0.06	-0.40		ppb
Cadmium	108-1	-0.05	0.25	-0.04	0.05	317.94	ppb
Cadmium	111-1	0.08	-0.14	0.04	-0.01		ppb
Calcium	43-1	500314.91	503898.15	497820.84	500677.97	0.61	ppb
Calcium	44-1	496874.36	504467.49	500335.59	500559.15	0.76	ppb
Chromium	52-2	7.06	7.08	7.40	7.18	2.73	ppb
Cobalt	59-2	11.35	11.62	11.53	11.50	1.22	ppb
Copper	63-2	4.11	4.16	3.62	3.97	7.51	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				110		%
Holmium	165-2				114		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	249557.55	248585.44	251717.79	249953.60	0.64	ppb
Iron	57-2	248798.46	249072.48	252006.49	249959.14	0.71	ppb
Krypton	83-1						cps
Lead	207-1	1.89	1.98	2.00	1.96	3.08	ppb
Lead	208-1	1.84	1.97	1.90	1.90	3.41	ppb
Lead	206-1	1.83	2.10	2.09	2.01	7.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	493897.18	502259.75	501578.41	499245.11	0.93	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:00:40	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.34	7.79	7.43	7.52	3.16	ppb
Molybdenum	94-1	2.34	2.22	2.36	2.31	3.24	ppb
Molybdenum	95-1	2.76	2.62	2.95	2.78	6.07	ppb
Molybdenum	96-1	3.03	3.13	3.01	3.06	2.11	ppb
Molybdenum	97-1	2.96	2.82	2.59	2.79	6.68	ppb
Molybdenum	98-1	2.85	2.83	2.48	2.72	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.26	12.35	12.49	12.37	0.97	ppb
Phosphorus	31-2	8.59	-48.49	-13.90	-17.93		ppb
Potassium	39-2	249186.63	251422.64	250632.05	250413.77	0.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	-1.93	-1.93	0.68	-1.06		ppb
Selenium	78-2	0.28	1.55	1.11	0.98	65.84	ppb
Selenium	82-1	0.84	0.27	1.75	0.95	78.29	ppb
Silicon	28-1	-499.94	-503.38	-442.21	-481.84		ppb
Silver	109-1	0.10	0.11	0.19	0.13	35.84	ppb
Silver	107-1	0.18	0.12	0.16	0.15	18.95	ppb
Sodium	23-2	499002.79	499863.39	499935.45	499600.54	0.10	ppb
Strontium	86-1	3.96	4.38	4.21	4.18	5.04	ppb
Strontium	88-1	4.30	4.32	4.22	4.28	1.28	ppb
Sulfur	34-1	-11656.83	-11298.27	-11144.74	-11366.61		ppb
Terbium	159-1				109		%
Terbium	159-2				114		%
Thallium	203-1	0.03	0.02	0.00	0.02	99.93	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	20.18	ppb
Tin	118-1	0.50	0.56	0.53	0.53	5.11	ppb
Titanium	47-1	-1.01	-0.67	-0.44	-0.71		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.15	0.10	0.17	0.14	25.21	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	18.04	17.33	17.30	17.56	2.38	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:00:40	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.19	0.26	0.22	17.29	ppb
Zirconium	91-1	0.34	0.31	0.16	0.27	35.29	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:08:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.48	510.33	520.48	513.77	1.13	ppb
Antimony	121-1	192.30	191.81	188.37	190.82	1.12	ppb
Arsenic	75-1	191.14	191.70	187.36	190.07	1.24	ppb
Barium	135-1	97.71	96.60	95.98	96.76	0.90	ppb
Barium	137-1	100.13	97.92	97.26	98.43	1.53	ppb
Beryllium	9-1	93.80	91.47	93.87	93.05	1.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	11-1	502.25	509.71	521.84	511.27	1.93	ppb
Boron	10-1	508.61	524.03	524.96	519.20	1.77	ppb
Cadmium	106-1	149.30	158.79	153.56	153.88	3.09	ppb
Cadmium	108-1	140.74	140.30	133.01	138.02	3.15	ppb
Cadmium	111-1	100.57	103.36	100.86	101.60	1.51	ppb
Calcium	43-1	2031.72	2057.83	2010.93	2033.49	1.16	ppb
Calcium	44-1	2016.93	1992.39	1989.70	1999.67	0.75	ppb
Chromium	52-2	95.80	93.49	97.98	95.75	2.34	ppb
Cobalt	59-2	96.77	97.45	98.88	97.70	1.11	ppb
Copper	63-2	97.67	96.13	97.50	97.10	0.87	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				105		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	972.29	965.57	991.44	976.43	1.37	ppb
Iron	57-2	994.64	946.90	987.77	976.44	2.64	ppb
Krypton	83-1						cps
Lead	207-1	191.21	191.27	187.98	190.15	0.99	ppb
Lead	208-1	192.13	192.96	190.65	191.91	0.61	ppb
Lead	206-1	198.11	199.10	195.62	197.61	0.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	1212.60	1206.04	1200.97	1206.54	0.48	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:08:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.35	93.55	94.08	93.99	0.43	ppb
Molybdenum	94-1	2614.13	2562.00	2520.69	2565.61	1.82	ppb
Molybdenum	95-1	2658.46	2652.08	2615.06	2641.86	0.89	ppb
Molybdenum	96-1	2677.27	2623.25	2641.84	2647.45	1.04	ppb
Molybdenum	97-1	2677.71	2624.77	2604.64	2635.71	1.43	ppb
Molybdenum	98-1	2644.79	2597.02	2616.08	2619.29	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.57	98.66	100.51	99.25	1.10	ppb
Phosphorus	31-2	-25.31	-48.40	11.16	-20.85		ppb
Potassium	39-2	1969.97	1981.18	1980.96	1977.37	0.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	206.52	194.01	201.66	200.73	3.14	ppb
Selenium	78-2	194.53	197.00	184.67	192.07	3.40	ppb
Selenium	82-1	196.63	195.59	194.63	195.62	0.51	ppb
Silicon	28-1	-62.79	-57.48	-323.94	-148.07		ppb
Silver	109-1	97.86	96.52	95.51	96.63	1.22	ppb
Silver	107-1	99.00	98.74	97.49	98.41	0.82	ppb
Sodium	23-2	2131.07	2101.47	2155.12	2129.22	1.26	ppb
Strontium	86-1	470.35	466.50	461.50	466.11	0.95	ppb
Strontium	88-1	481.66	481.65	471.83	478.38	1.19	ppb
Sulfur	34-1	-10099.42	-10961.06	-11664.85	-10908.44		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	195.09	194.40	194.59	194.70	0.18	ppb
Thallium	205-1	192.84	194.70	193.29	193.61	0.50	ppb
Tin	118-1	471.44	469.86	458.23	466.51	1.55	ppb
Titanium	47-1	2437.84	2427.22	2385.29	2416.78	1.15	ppb
Uranium	238-1	463.76	465.79	461.08	463.55	0.51	ppb
Vanadium	51-2	93.59	93.63	96.07	94.43	1.50	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	189.33	191.38	194.87	191.86	1.46	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:08:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	477.32	473.15	472.75	474.41	0.53	ppb
Zirconium	91-1	475.14	471.97	469.97	472.36	0.55	ppb

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:12:09 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.74	1.70	-4.26	-1.77		ppb
Antimony	121-1	0.07	0.05	0.04	0.06	24.64	ppb
Arsenic	75-1	0.03	-0.03	-0.04	-0.02		ppb
Barium	135-1	-0.03	-0.09	-0.09	-0.07		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	-0.02	-0.04	0.02	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	11-1	12.99	12.20	10.56	11.92	10.43	ppb
Boron	10-1	10.62	11.55	9.95	10.70	7.52	ppb
Cadmium	106-1	0.46	-3.31	-0.75	-1.20		ppb
Cadmium	108-1	-0.14	-0.04	0.17	-0.01		ppb
Cadmium	111-1	0.01	-0.25	-0.08	-0.11		ppb
Calcium	43-1	-53.88	-27.03	-9.45	-30.12		ppb
Calcium	44-1	0.28	-6.77	1.51	-1.66		ppb
Chromium	52-2	-0.14	-0.06	-0.02	-0.07		ppb
Cobalt	59-2	-0.08	-0.07	-0.09	-0.08		ppb
Copper	63-2	0.16	0.14	0.04	0.11	59.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	-0.16	-0.30	-0.01	-0.16		ppb
Iron	57-2	-1.12	0.46	-1.53	-0.73		ppb
Krypton	83-1						cps
Lead	207-1	0.13	0.13	0.18	0.15	17.11	ppb
Lead	208-1	0.11	0.11	0.14	0.12	11.31	ppb
Lead	206-1	0.17	0.14	0.16	0.16	9.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.84	-0.25	-1.15	-0.75		ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.07	-0.10	-0.03	-0.07		ppb
Molybdenum	94-1	0.07	0.08	0.07	0.07	6.10	ppb
Molybdenum	95-1	0.12	0.02	0.00	0.05	138.05	ppb
Molybdenum	96-1	0.13	0.08	0.06	0.09	42.74	ppb
Molybdenum	97-1	0.09	0.04	0.09	0.08	38.87	ppb
Molybdenum	98-1	0.07	0.06	0.03	0.05	39.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	-0.06	-0.06		ppb
Phosphorus	31-2	11.59	-24.22	-36.23	-16.29		ppb
Potassium	39-2	24.10	22.53	20.78	22.47	7.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	0.75	-1.93	-1.93	-1.04		ppb
Selenium	78-2	1.60	-0.53	1.22	0.77	148.03	ppb
Selenium	82-1	0.56	0.19	0.35	0.37	50.47	ppb
Silicon	28-1	-313.71	-738.12	-293.14	-448.32		ppb
Silver	109-1	0.02	0.03	0.05	0.04	41.32	ppb
Silver	107-1	0.07	0.12	0.08	0.09	28.83	ppb
Sodium	23-2	86.58	82.58	94.38	87.85	6.83	ppb
Strontium	86-1	-0.19	0.08	-0.08	-0.06		ppb
Strontium	88-1	0.00	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-10969.43	-12322.29	-10609.90	-11300.54		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	0.02	0.01	0.01	131.71	ppb
Tin	118-1	0.03	0.04	0.05	0.04	21.05	ppb
Titanium	47-1	0.51	-1.25	0.33	-0.14		ppb
Uranium	238-1	-0.04	-0.03	-0.02	-0.03		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	0.04	0.00	-0.11	-0.02		ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.03	0.02	60.75	ppb
Zirconium	91-1	0.04	0.09	0.06	0.06	38.02	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:15:44	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85006.26	85857.15	86422.47	85761.96	0.83	ppb
Antimony	121-1	1.17	1.17	1.07	1.13	5.02	ppb
Arsenic	75-1	1.82	2.12	1.96	1.96	7.60	ppb
Barium	135-1	1.20	1.41	1.54	1.38	12.49	ppb
Barium	137-1	1.42	1.70	1.24	1.45	16.09	ppb
Beryllium	9-1	0.32	0.17	0.27	0.25	30.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	8.87	10.09	8.04	9.00	11.44	ppb
Boron	10-1	7.43	6.23	6.32	6.66	10.06	ppb
Cadmium	106-1	-1.07	0.05	-2.81	-1.27		ppb
Cadmium	108-1	8.98	9.38	8.75	9.04	3.53	ppb
Cadmium	111-1	0.21	0.33	0.18	0.24	33.91	ppb
Calcium	43-1	90689.67	93486.05	91468.41	91881.38	1.57	ppb
Calcium	44-1	92001.47	92967.10	93188.64	92719.07	0.68	ppb
Chromium	52-2	19.34	18.75	19.71	19.27	2.51	ppb
Cobalt	59-2	0.93	1.00	0.95	0.96	3.55	ppb
Copper	63-2	7.93	8.50	8.18	8.20	3.49	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				111		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	94708.57	95036.30	97967.94	95904.27	1.87	ppb
Iron	57-2	93780.57	95894.18	97496.20	95723.65	1.95	ppb
Krypton	83-1						cps
Lead	207-1	4.90	4.73	4.66	4.76	2.62	ppb
Lead	208-1	4.97	4.84	4.76	4.86	2.24	ppb
Lead	206-1	5.40	5.20	5.00	5.20	3.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	98345.95	99112.07	99648.49	99035.50	0.66	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:15:44	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.20	7.08	6.99	7.09	1.49	ppb
Molybdenum	94-1	1299.49	1330.85	1341.90	1324.08	1.66	ppb
Molybdenum	95-1	1896.03	1924.20	1959.93	1926.72	1.66	ppb
Molybdenum	96-1	1819.69	1886.65	1871.60	1859.32	1.89	ppb
Molybdenum	97-1	1870.05	1886.02	1931.02	1895.70	1.67	ppb
Molybdenum	98-1	1881.62	1913.64	1926.29	1907.19	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	5.20	5.27	5.17	2.23	ppb
Phosphorus	31-2	95568.76	97382.26	98198.53	97049.85	1.39	ppb
Potassium	39-2	93899.75	94454.16	98657.05	95670.32	2.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-1.93	-1.93	0.74	-1.04		ppb
Selenium	78-2	1.18	-0.53	-0.96	-0.10		ppb
Selenium	82-1	0.00	1.45	1.05	0.83	90.19	ppb
Silicon	28-1	-337.78	89.37	-270.10	-172.84		ppb
Silver	109-1	0.46	0.47	0.52	0.49	6.29	ppb
Silver	107-1	0.44	0.51	0.58	0.51	13.72	ppb
Sodium	23-2	97377.96	97638.41	99683.09	98233.15	1.29	ppb
Strontium	86-1	32.38	32.68	33.30	32.79	1.44	ppb
Strontium	88-1	32.31	33.22	32.95	32.83	1.43	ppb
Sulfur	34-1	158540.54	161584.53	155957.48	158694.18	1.77	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.10	0.06	0.08	22.05	ppb
Thallium	205-1	0.10	0.06	0.06	0.07	30.90	ppb
Tin	118-1	0.16	0.28	0.19	0.21	30.10	ppb
Titanium	47-1	1859.16	1926.49	1906.82	1897.49	1.82	ppb
Uranium	238-1	-0.01	-0.02	0.01	-0.01		ppb
Vanadium	51-2	0.09	0.13	0.13	0.11	21.68	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	10.24	11.05	9.86	10.38	5.86	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:15:44	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.04	0.05	14.05	ppb
Zirconium	91-1	0.11	0.04	0.02	0.06	81.30	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:19:14	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90370.54	89321.74	88795.86	89496.05	0.90	ppb
Antimony	121-1	20.63	20.79	21.11	20.84	1.17	ppb
Arsenic	75-1	21.30	21.14	20.03	20.82	3.32	ppb
Barium	135-1	20.65	19.83	21.45	20.64	3.94	ppb
Barium	137-1	21.00	21.63	21.44	21.36	1.53	ppb
Beryllium	9-1	19.32	19.53	20.13	19.66	2.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	65.05	61.65	64.81	63.84	2.98	ppb
Boron	10-1	65.06	65.51	66.11	65.56	0.80	ppb
Cadmium	106-1	28.12	16.78	24.07	22.99	25.00	ppb
Cadmium	108-1	28.36	29.05	29.30	28.91	1.69	ppb
Cadmium	111-1	19.35	20.40	20.00	19.92	2.67	ppb
Calcium	43-1	95459.68	95133.16	94792.03	95128.29	0.35	ppb
Calcium	44-1	95497.09	95960.95	94862.09	95440.04	0.58	ppb
Chromium	52-2	40.66	40.21	40.31	40.39	0.59	ppb
Cobalt	59-2	21.93	21.44	21.38	21.58	1.40	ppb
Copper	63-2	29.04	29.08	29.20	29.11	0.29	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				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	102293.96	99973.67	98863.19	100376.94	1.74	ppb
Iron	57-2	101167.95	101697.84	98829.42	100565.07	1.52	ppb
Krypton	83-1						cps
Lead	207-1	24.57	24.08	23.38	24.01	2.51	ppb
Lead	208-1	24.73	24.32	24.13	24.39	1.25	ppb
Lead	206-1	25.70	25.75	25.73	25.73	0.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	104180.01	102117.04	104145.10	103480.72	1.14	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:19:14	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.74	26.93	27.70	27.46	1.67	ppb
Molybdenum	94-1	1477.00	1482.74	1503.98	1487.91	0.95	ppb
Molybdenum	95-1	2014.06	2027.17	2081.10	2040.78	1.74	ppb
Molybdenum	96-1	1962.19	2017.70	2025.74	2001.88	1.73	ppb
Molybdenum	97-1	1995.75	2046.05	2063.24	2035.01	1.72	ppb
Molybdenum	98-1	2010.79	2048.16	2094.27	2051.07	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.18	25.93	25.20	25.44	1.68	ppb
Phosphorus	31-2	103283.42	100594.18	99510.61	101129.40	1.92	ppb
Potassium	39-2	102379.74	98621.27	99142.16	100047.72	2.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	17.93	14.62	22.63	18.39	21.88	ppb
Selenium	78-2	19.40	24.10	26.43	23.31	15.36	ppb
Selenium	82-1	21.18	19.11	20.28	20.19	5.14	ppb
Silicon	28-1	189.29	77.56	-5.87	86.99	112.56	ppb
Silver	109-1	18.22	18.47	18.77	18.49	1.49	ppb
Silver	107-1	18.92	18.54	19.03	18.83	1.34	ppb
Sodium	23-2	103035.89	101792.95	103151.01	102659.95	0.73	ppb
Strontium	86-1	88.37	89.79	88.63	88.93	0.85	ppb
Strontium	88-1	89.91	90.12	90.52	90.19	0.34	ppb
Sulfur	34-1	163010.87	163771.85	159659.37	162147.36	1.35	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	20.07	19.91	19.82	19.93	0.63	ppb
Thallium	205-1	20.14	20.16	19.89	20.06	0.75	ppb
Tin	118-1	56.65	57.87	57.88	57.47	1.24	ppb
Titanium	47-1	2023.99	2021.96	2019.72	2021.89	0.11	ppb
Uranium	238-1	58.00	56.91	56.87	57.26	1.12	ppb
Vanadium	51-2	20.12	19.65	19.99	19.92	1.22	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	31.97	30.66	31.01	31.21	2.17	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:19:14	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	57.23	58.61	58.31	58.05	1.25	ppb
Zirconium	91-1	57.37	58.50	59.65	58.50	1.95	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:22:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51839.19	53294.32	52686.35	52606.62	1.39	ppb
Antimony	121-1	542.41	490.85	495.74	509.67	5.58	ppb
Arsenic	75-1	541.12	487.15	488.02	505.43	6.12	ppb
Barium	135-1	2748.42	2476.90	2501.63	2575.65	5.83	ppb
Barium	137-1	2795.53	2504.81	2562.81	2621.05	5.87	ppb
Beryllium	9-1	532.89	503.11	499.65	511.88	3.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	11-1	524.64	491.46	514.75	510.28	3.34	ppb
Boron	10-1	521.91	479.88	501.35	501.04	4.19	ppb
Cadmium	106-1	557.66	496.53	486.16	513.45	7.52	ppb
Cadmium	108-1	535.40	480.10	485.74	500.42	6.08	ppb
Cadmium	111-1	531.21	489.16	492.42	504.27	4.64	ppb
Calcium	43-1	265180.91	244234.71	244040.94	251152.19	4.84	ppb
Calcium	44-1	264819.71	236175.40	239428.13	246807.75	6.35	ppb
Chromium	52-2	499.77	506.35	502.98	503.03	0.65	ppb
Cobalt	59-2	497.15	508.15	502.10	502.47	1.10	ppb
Copper	63-2	949.71	963.45	960.81	957.99	0.76	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				113		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	125543.40	127283.97	126409.88	126412.42	0.69	ppb
Iron	57-2	127795.39	128003.21	126833.56	127544.05	0.49	ppb
Krypton	83-1						cps
Lead	207-1	545.16	495.32	495.86	512.12	5.59	ppb
Lead	208-1	535.22	492.07	492.21	506.50	4.91	ppb
Lead	206-1	537.39	492.16	490.76	506.77	5.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	247244.99	253926.38	249224.49	250131.95	1.37	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:22:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.33	1010.88	998.71	1002.31	0.74	ppb
Molybdenum	94-1	2734.24	2474.10	2536.31	2581.55	5.26	ppb
Molybdenum	95-1	2735.27	2508.70	2527.30	2590.43	4.86	ppb
Molybdenum	96-1	2744.61	2503.47	2539.15	2595.74	5.01	ppb
Molybdenum	97-1	2705.45	2499.50	2532.85	2579.27	4.29	ppb
Molybdenum	98-1	2712.07	2470.99	2538.28	2573.78	4.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.22	497.21	495.21	495.21	0.40	ppb
Phosphorus	31-2	10810.08	10725.13	10259.34	10598.18	2.80	ppb
Potassium	39-2	123840.75	124601.03	123061.46	123834.41	0.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	500.17	549.77	531.61	527.19	4.76	ppb
Selenium	78-2	476.04	500.59	502.75	493.13	3.01	ppb
Selenium	82-1	539.41	481.61	497.51	506.18	5.90	ppb
Silicon	28-1	2389.98	719.06	873.09	1327.38	69.57	ppb
Silver	109-1	516.56	466.74	474.56	485.95	5.51	ppb
Silver	107-1	520.28	471.80	470.69	487.59	5.81	ppb
Sodium	23-2	247214.89	251770.34	248944.49	249309.91	0.92	ppb
Strontium	86-1	538.84	489.91	491.40	506.72	5.49	ppb
Strontium	88-1	547.73	495.85	509.07	517.55	5.21	ppb
Sulfur	34-1	10954.43	4566.60	5205.23	6908.76	50.92	ppb
Terbium	159-1				110		%
Terbium	159-2				115		%
Thallium	203-1	531.99	500.20	501.60	511.27	3.51	ppb
Thallium	205-1	542.59	503.60	492.48	512.89	5.13	ppb
Tin	118-1	542.37	496.50	505.22	514.70	4.73	ppb
Titanium	47-1	2711.93	2407.75	2484.01	2534.56	6.24	ppb
Uranium	238-1	570.29	510.24	512.96	531.16	6.38	ppb
Vanadium	51-2	507.36	513.37	509.85	510.19	0.59	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	969.68	991.58	978.91	980.06	1.12	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:22:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	546.95	505.14	511.99	521.36	4.30	ppb
Zirconium	91-1	543.32	496.87	505.87	515.35	4.78	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:26:09	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.19	2.64	-2.42	-0.99		ppb
Antimony	121-1	0.07	0.05	0.05	0.06	19.37	ppb
Arsenic	75-1	0.05	0.05	0.10	0.07	48.83	ppb
Barium	135-1	-0.09	-0.09	-0.07	-0.08		ppb
Barium	137-1	-0.01	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.04	0.04	-0.01	0.02	125.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	11-1	9.33	9.26	9.37	9.32	0.60	ppb
Boron	10-1	10.31	6.12	8.84	8.42	25.28	ppb
Cadmium	106-1	2.28	-4.31	1.59	-0.14		ppb
Cadmium	108-1	0.15	-0.14	0.05	0.02	781.96	ppb
Cadmium	111-1	0.15	-0.25	0.09	0.00		ppb
Calcium	43-1	-18.65	-35.00	-44.96	-32.87		ppb
Calcium	44-1	16.93	-0.21	9.21	8.64	99.28	ppb
Chromium	52-2	0.03	-0.04	-0.08	-0.03		ppb
Cobalt	59-2	-0.10	-0.10	-0.11	-0.10		ppb
Copper	63-2	0.55	0.39	0.45	0.46	17.27	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				110		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	0.68	0.64	0.26	0.52	44.47	ppb
Iron	57-2	-1.14	-0.37	-0.74	-0.75		ppb
Krypton	83-1						cps
Lead	207-1	0.41	0.44	0.36	0.41	10.33	ppb
Lead	208-1	0.50	0.40	0.41	0.43	12.60	ppb
Lead	206-1	0.61	0.34	0.47	0.47	29.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.29	0.62	0.63	1.51	101.71	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:26:09	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.03	0.00	0.00	507.35	ppb
Molybdenum	94-1	0.12	0.10	0.01	0.08	73.55	ppb
Molybdenum	95-1	0.13	0.09	0.00	0.07	93.25	ppb
Molybdenum	96-1	0.06	0.11	0.02	0.07	68.26	ppb
Molybdenum	97-1	0.18	0.08	0.02	0.09	89.91	ppb
Molybdenum	98-1	0.10	0.02	0.04	0.05	73.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	-0.06	-0.02		ppb
Phosphorus	31-2	-12.68	-59.97	-48.12	-40.26		ppb
Potassium	39-2	61.07	57.36	53.77	57.40	6.36	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	6.09	-1.93	-1.93	0.75	620.75	ppb
Selenium	78-2	-0.11	0.29	1.18	0.46	144.31	ppb
Selenium	82-1	-0.11	0.09	-0.03	-0.02		ppb
Silicon	28-1	569.44	123.91	353.99	349.11	63.82	ppb
Silver	109-1	0.07	0.08	0.08	0.08	9.85	ppb
Silver	107-1	0.07	0.07	0.08	0.07	1.59	ppb
Sodium	23-2	150.03	144.75	143.83	146.21	2.29	ppb
Strontium	86-1	0.09	0.01	-0.06	0.01	593.92	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-10104.06	-11013.81	-10924.57	-10680.82		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.19	0.26	0.15	0.20	27.22	ppb
Thallium	205-1	0.18	0.21	0.15	0.18	15.34	ppb
Tin	118-1	0.05	0.03	-0.01	0.02	116.62	ppb
Titanium	47-1	-1.09	-0.98	-0.08	-0.72		ppb
Uranium	238-1	-0.04	-0.04	-0.03	-0.04		ppb
Vanadium	51-2	-0.03	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	0.12	-0.01	0.21	0.11	102.15	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:26:09	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	21.38	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	9.35	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:29:44	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.37	11.53	16.61	15.84	25.10	ppb
Antimony	121-1	1.82	2.05	1.93	1.93	5.94	ppb
Arsenic	75-1	1.12	1.30	0.87	1.10	19.40	ppb
Barium	135-1	9.28	10.27	9.51	9.69	5.35	ppb
Barium	137-1	9.87	9.68	10.36	9.97	3.51	ppb
Beryllium	9-1	0.92	1.02	0.93	0.95	5.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Boron	11-1	28.69	30.95	27.66	29.10	5.78	ppb
Boron	10-1	28.33	29.16	28.69	28.73	1.44	ppb
Cadmium	106-1	-1.97	5.52	0.49	1.35	283.78	ppb
Cadmium	108-1	0.35	1.90	1.27	1.17	66.71	ppb
Cadmium	111-1	0.78	1.30	0.93	1.00	26.61	ppb
Calcium	43-1	443.57	538.83	429.29	470.56	12.65	ppb
Calcium	44-1	466.01	536.83	469.33	490.72	8.14	ppb
Chromium	52-2	1.68	1.69	1.80	1.72	4.01	ppb
Cobalt	59-2	0.95	0.85	0.94	0.91	6.07	ppb
Copper	63-2	2.12	1.91	2.13	2.05	5.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	56-2	51.10	47.33	52.82	50.41	5.57	ppb
Iron	57-2	57.96	46.31	47.63	50.63	12.60	ppb
Krypton	83-1						cps
Lead	207-1	1.14	1.31	1.24	1.23	6.88	ppb
Lead	208-1	1.10	1.27	1.15	1.18	7.41	ppb
Lead	206-1	1.22	1.26	1.17	1.21	3.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	510.79	470.72	507.37	496.29	4.48	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:29:44	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	0.89	0.93	0.94	6.09	ppb
Molybdenum	94-1	4.47	5.59	5.12	5.06	11.06	ppb
Molybdenum	95-1	4.89	4.98	4.68	4.85	3.13	ppb
Molybdenum	96-1	4.89	5.46	4.93	5.09	6.30	ppb
Molybdenum	97-1	4.52	5.07	5.06	4.88	6.45	ppb
Molybdenum	98-1	4.69	5.45	4.97	5.04	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.96	0.83	0.95	12.04	ppb
Phosphorus	31-2	22.19	17.92	-24.09	5.34	478.88	ppb
Potassium	39-2	491.85	445.57	516.16	484.53	7.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	-1.93	3.12	3.44	1.54	195.04	ppb
Selenium	78-2	5.10	3.84	1.61	3.52	50.34	ppb
Selenium	82-1	5.19	8.27	5.12	6.19	29.07	ppb
Silicon	28-1	227.28	1888.88	97.40	737.86	135.38	ppb
Silver	109-1	0.95	1.19	1.15	1.10	11.64	ppb
Silver	107-1	1.16	1.22	1.00	1.13	10.15	ppb
Sodium	23-2	599.58	539.92	589.51	576.34	5.54	ppb
Strontium	86-1	0.75	1.16	0.90	0.94	22.33	ppb
Strontium	88-1	0.95	0.97	0.95	0.95	1.07	ppb
Sulfur	34-1	-9607.00	-4525.49	-9706.39	-7946.30		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	1.05	1.19	1.21	1.15	7.32	ppb
Thallium	205-1	0.98	1.18	1.06	1.07	9.62	ppb
Tin	118-1	5.26	5.85	4.94	5.35	8.59	ppb
Titanium	47-1	3.53	5.23	4.92	4.56	19.92	ppb
Uranium	238-1	0.82	0.86	0.90	0.86	4.83	ppb
Vanadium	51-2	5.07	4.58	4.70	4.78	5.35	ppb
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	2.04	1.60	1.40	1.68	19.44	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:29:44	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	1.01	0.92	0.95	5.42	ppb
Zirconium	91-1	0.80	1.09	0.88	0.92	16.05	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BL	Instrumnet Name :	P8
Client Sample ID :	PB118802BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:33:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.88	-5.71	-1.43	-2.67		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	17.20	ppb
Arsenic	75-1	0.03	0.00	-0.04	0.00		ppb
Barium	135-1	-0.09	-0.10	-0.07	-0.09		ppb
Barium	137-1	-0.03	-0.01	-0.04	-0.03		ppb
Beryllium	9-1	-0.04	0.04	-0.05	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	11-1	5.15	5.59	4.70	5.15	8.59	ppb
Boron	10-1	5.45	6.05	4.59	5.36	13.71	ppb
Cadmium	106-1	-0.03	2.84	-1.03	0.59	338.79	ppb
Cadmium	108-1	-0.04	-0.04	0.06	-0.01		ppb
Cadmium	111-1	-0.02	0.18	-0.09	0.02	637.82	ppb
Calcium	43-1	-43.58	-38.18	-39.80	-40.52		ppb
Calcium	44-1	7.90	-5.21	-9.71	-2.34		ppb
Chromium	52-2	-0.06	-0.02	-0.11	-0.06		ppb
Cobalt	59-2	-0.08	-0.11	-0.07	-0.09		ppb
Copper	63-2	0.06	0.08	0.20	0.11	67.38	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				108		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	-0.10	0.40	-0.01	0.10	282.42	ppb
Iron	57-2	-1.12	-1.91	-0.28	-1.10		ppb
Krypton	83-1						cps
Lead	207-1	0.15	0.19	0.16	0.16	13.12	ppb
Lead	208-1	0.15	0.14	0.14	0.14	6.04	ppb
Lead	206-1	0.19	0.18	0.18	0.18	3.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.44	0.65	0.40	1.16	95.93	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BL	Instrumnet Name :	P8
Client Sample ID :	PB118802BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:33:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	-0.05	-0.01		ppb
Molybdenum	94-1	-0.05	-0.03	-0.01	-0.03		ppb
Molybdenum	95-1	-0.05	-0.02	-0.03	-0.04		ppb
Molybdenum	96-1	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	-0.02	0.03	-0.02	0.00		ppb
Molybdenum	98-1	-0.01	-0.03	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.06	-0.02		ppb
Phosphorus	31-2	-48.05	-36.13	-23.48	-35.88		ppb
Potassium	39-2	2.86	23.88	17.46	14.74	73.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.77	-1.93	-1.93	-1.03		ppb
Selenium	78-2	0.77	-0.08	-0.51	0.06	1109.28	ppb
Selenium	82-1	-0.75	2.54	-1.61	0.06	3576.25	ppb
Silicon	28-1	248.80	27.86	295.00	190.55	74.93	ppb
Silver	109-1	0.00	0.01	0.01	0.01	51.59	ppb
Silver	107-1	0.03	0.09	0.06	0.06	58.04	ppb
Sodium	23-2	85.73	81.93	89.08	85.58	4.18	ppb
Strontium	86-1	0.12	-0.07	-0.09	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-8651.22	-9181.07	-8629.16	-8820.48		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.16	0.11	0.14	17.99	ppb
Thallium	205-1	0.18	0.13	0.15	0.15	16.77	ppb
Tin	118-1	0.02	0.03	0.02	0.02	30.37	ppb
Titanium	47-1	-0.70	-0.18	-0.74	-0.54		ppb
Uranium	238-1	-0.03	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	-0.03	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	-0.06	-0.04	-0.14	-0.08		ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BL	Instrumnet Name :	P8
Client Sample ID :	PB118802BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:33:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.03	0.02	31.06	ppb
Zirconium	91-1	0.00	0.06	0.04	0.04	88.36	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BS	Instrumnet Name :	P8
Client Sample ID :	PB118802BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:36:53	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9634.69	9814.31	9591.78	9680.26	1.22	ppb
Antimony	121-1	512.81	495.74	509.81	506.12	1.80	ppb
Arsenic	75-1	502.35	492.18	485.68	493.40	1.70	ppb
Barium	135-1	2568.29	2506.69	2524.95	2533.31	1.25	ppb
Barium	137-1	2622.26	2551.35	2579.36	2584.32	1.38	ppb
Beryllium	9-1	505.80	497.26	502.19	501.75	0.85	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	11-1	489.19	481.22	490.48	486.96	1.03	ppb
Boron	10-1	486.92	475.18	514.01	492.04	4.05	ppb
Cadmium	106-1	522.03	488.57	531.87	514.16	4.41	ppb
Cadmium	108-1	522.73	487.86	504.36	504.98	3.45	ppb
Cadmium	111-1	511.02	500.22	502.87	504.70	1.12	ppb
Calcium	43-1	50128.48	48488.52	49422.96	49346.65	1.67	ppb
Calcium	44-1	50918.95	48770.17	48972.09	49553.74	2.39	ppb
Chromium	52-2	498.55	499.40	492.42	496.79	0.77	ppb
Cobalt	59-2	501.69	502.20	498.81	500.90	0.36	ppb
Copper	63-2	972.49	974.66	982.88	976.68	0.56	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				113		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	24970.85	25217.81	24983.19	25057.28	0.56	ppb
Iron	57-2	25033.17	25129.50	24914.00	25025.55	0.43	ppb
Krypton	83-1						cps
Lead	207-1	500.10	497.63	499.90	499.21	0.28	ppb
Lead	208-1	498.70	492.47	493.77	494.98	0.66	ppb
Lead	206-1	498.92	497.18	491.59	495.90	0.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	52715.61	52410.86	52212.04	52446.17	0.48	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BS	Instrumnet Name :	P8
Client Sample ID :	PB118802BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:36:53	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.57	1004.33	989.90	996.27	0.74	ppb
Molybdenum	94-1	2550.93	2524.66	2514.43	2530.00	0.74	ppb
Molybdenum	95-1	2560.02	2517.39	2552.76	2543.39	0.90	ppb
Molybdenum	96-1	2608.29	2490.16	2557.23	2551.89	2.32	ppb
Molybdenum	97-1	2604.13	2541.36	2528.37	2557.95	1.58	ppb
Molybdenum	98-1	2564.20	2503.42	2558.13	2541.92	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.07	503.37	492.62	496.35	1.23	ppb
Phosphorus	31-2	10064.23	10158.65	9649.45	9957.44	2.72	ppb
Potassium	39-2	24528.01	24172.98	24281.43	24327.48	0.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	505.59	516.36	504.10	508.68	1.32	ppb
Selenium	78-2	475.37	489.00	483.54	482.64	1.42	ppb
Selenium	82-1	520.57	499.07	505.93	508.52	2.16	ppb
Silicon	28-1	1481.95	1103.98	1041.11	1209.02	19.72	ppb
Silver	109-1	494.34	484.89	491.63	490.29	0.99	ppb
Silver	107-1	503.28	493.00	497.33	497.87	1.04	ppb
Sodium	23-2	52432.19	51957.51	51857.27	52082.32	0.59	ppb
Strontium	86-1	509.93	491.98	507.39	503.10	1.93	ppb
Strontium	88-1	517.69	504.75	507.10	509.85	1.35	ppb
Sulfur	34-1	8427.87	5664.59	5747.63	6613.36	23.77	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	500.30	501.56	491.31	497.72	1.12	ppb
Thallium	205-1	505.83	494.55	495.32	498.56	1.26	ppb
Tin	118-1	517.14	507.20	511.25	511.87	0.98	ppb
Titanium	47-1	2494.95	2429.40	2407.80	2444.05	1.86	ppb
Uranium	238-1	504.95	500.37	499.77	501.69	0.56	ppb
Vanadium	51-2	499.28	501.15	497.50	499.31	0.37	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	983.02	989.21	977.98	983.40	0.57	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BS	Instrumnet Name :	P8
Client Sample ID :	PB118802BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:36:53	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	523.28	506.09	508.11	512.49	1.83	ppb
Zirconium	91-1	516.84	498.43	502.42	505.90	1.91	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2229-02	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:40:21	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.50	28.03	25.41	25.98	7.06	ppb
Antimony	121-1	0.29	0.23	0.23	0.25	14.51	ppb
Arsenic	75-1	0.75	0.77	0.70	0.74	4.63	ppb
Barium	135-1	81.96	81.58	83.46	82.33	1.21	ppb
Barium	137-1	83.14	79.92	84.58	82.55	2.89	ppb
Beryllium	9-1	0.03	0.05	0.12	0.07	69.23	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	53.06	53.38	52.43	52.96	0.91	ppb
Boron	10-1	52.65	57.43	49.80	53.30	7.23	ppb
Cadmium	106-1	-2.58	1.70	-2.37	-1.08		ppb
Cadmium	108-1	0.06	-0.04	0.26	0.09	167.04	ppb
Cadmium	111-1	-0.19	0.12	-0.20	-0.09		ppb
Calcium	43-1	43663.92	43526.28	43273.61	43487.94	0.46	ppb
Calcium	44-1	43811.50	43821.38	43708.41	43780.43	0.14	ppb
Chromium	52-2	0.35	0.30	0.35	0.33	8.31	ppb
Cobalt	59-2	-0.14	-0.15	-0.13	-0.14		ppb
Copper	63-2	8.45	8.22	8.39	8.35	1.38	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				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	26.29	25.85	26.08	26.07	0.86	ppb
Iron	57-2	27.00	31.54	21.89	26.81	18.01	ppb
Krypton	83-1						cps
Lead	207-1	0.59	0.49	0.35	0.48	24.50	ppb
Lead	208-1	0.52	0.49	0.40	0.47	12.31	ppb
Lead	206-1	0.62	0.58	0.49	0.56	12.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	8888.85	8852.17	8730.31	8823.77	0.94	ppb

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : K2229-02 Instrumnet Name : P8
 Client Sample ID : KITCHEN-FAUCET-DRA Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:40:21 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.35	1.26	1.29	1.30	3.53	ppb
Molybdenum	94-1	0.38	0.24	0.31	0.31	22.21	ppb
Molybdenum	95-1	0.42	0.40	0.31	0.38	15.35	ppb
Molybdenum	96-1	0.40	0.35	0.36	0.37	7.30	ppb
Molybdenum	97-1	0.54	0.37	0.38	0.43	22.16	ppb
Molybdenum	98-1	0.42	0.42	0.31	0.38	16.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.58	0.43	0.49	16.40	ppb
Phosphorus	31-2	363.92	292.57	329.27	328.59	10.86	ppb
Potassium	39-2	2018.92	2016.92	2001.69	2012.51	0.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	-1.93	0.80	-1.93	-1.02		ppb
Selenium	78-2	0.81	-0.08	0.37	0.37	120.89	ppb
Selenium	82-1	-0.28	2.11	1.49	1.10	112.07	ppb
Silicon	28-1	4532.17	4241.97	3999.20	4257.78	6.27	ppb
Silver	109-1	0.10	0.12	0.12	0.11	6.43	ppb
Silver	107-1	0.16	0.17	0.15	0.16	6.04	ppb
Sodium	23-2	145985.10	145819.21	145241.86	145682.06	0.27	ppb
Strontium	86-1	151.50	154.75	149.28	151.84	1.81	ppb
Strontium	88-1	151.42	150.83	151.38	151.21	0.22	ppb
Sulfur	34-1	730.23	979.03	661.62	790.29	21.13	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.03	-0.01	0.03	133.92	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	43.17	ppb
Tin	118-1	0.16	0.08	0.08	0.11	45.47	ppb
Titanium	47-1	-0.77	-0.73	-1.07	-0.86		ppb
Uranium	238-1	0.13	0.10	0.12	0.12	11.24	ppb
Vanadium	51-2	0.12	0.18	0.10	0.13	31.94	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	219.85	221.60	220.70	220.72	0.40	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2229-02	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:40:21	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.02	0.03	41.30	ppb
Zirconium	91-1	0.10	0.03	0.05	0.06	53.53	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2313-01	Instrumnet Name :	P8
Client Sample ID :	390401024	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:43:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.48	20.38	15.90	17.59	13.84	ppb
Antimony	121-1	0.08	0.04	0.05	0.05	39.17	ppb
Arsenic	75-1	1.01	1.23	1.20	1.14	10.58	ppb
Barium	135-1	0.92	0.72	0.82	0.82	11.75	ppb
Barium	137-1	0.67	0.94	0.73	0.78	18.19	ppb
Beryllium	9-1	-0.05	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	256.60	266.23	258.19	260.34	1.98	ppb
Boron	10-1	252.60	253.11	258.09	254.60	1.19	ppb
Cadmium	106-1	-0.99	-0.73	0.62	-0.37		ppb
Cadmium	108-1	0.06	0.16	0.16	0.13	46.01	ppb
Cadmium	111-1	-0.09	-0.07	0.02	-0.05		ppb
Calcium	43-1	91.92	113.07	95.60	100.20	11.27	ppb
Calcium	44-1	158.32	152.67	144.65	151.88	4.52	ppb
Chromium	52-2	0.34	0.51	0.47	0.44	21.19	ppb
Cobalt	59-2	-0.11	-0.10	-0.11	-0.11		ppb
Copper	63-2	203.23	205.30	213.46	207.33	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				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	26.07	28.71	28.16	27.65	5.03	ppb
Iron	57-2	18.99	29.45	21.37	23.27	23.56	ppb
Krypton	83-1						cps
Lead	207-1	1.26	1.10	1.18	1.18	6.70	ppb
Lead	208-1	1.13	1.13	1.08	1.11	2.47	ppb
Lead	206-1	1.15	1.16	1.07	1.13	4.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	465.94	459.50	480.49	468.64	2.30	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2313-01	Instrumnet Name :	P8
Client Sample ID :	390401024	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:43:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	0.80	1.02	0.99	17.93	ppb
Molybdenum	94-1	0.57	0.63	0.86	0.69	21.99	ppb
Molybdenum	95-1	0.82	0.73	1.06	0.87	19.45	ppb
Molybdenum	96-1	0.70	1.03	0.89	0.88	18.77	ppb
Molybdenum	97-1	0.94	0.77	0.95	0.88	11.40	ppb
Molybdenum	98-1	0.90	1.14	0.97	1.00	12.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.63	0.61	0.63	2.71	ppb
Phosphorus	31-2	35.28	35.87	13.88	28.34	44.22	ppb
Potassium	39-2	140.23	137.02	125.16	134.14	5.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	-1.93	-1.93	0.80	-1.02		ppb
Selenium	78-2	0.36	0.37	-0.95	-0.07		ppb
Selenium	82-1	-1.72	1.21	1.32	0.27	631.36	ppb
Silicon	28-1	22843.12	22815.27	21424.33	22360.91	3.63	ppb
Silver	109-1	0.02	0.04	0.05	0.04	35.30	ppb
Silver	107-1	0.04	0.08	0.07	0.06	28.79	ppb
Sodium	23-2	136064.43	135300.66	139372.86	136912.65	1.58	ppb
Strontium	86-1	0.82	0.45	0.68	0.65	28.55	ppb
Strontium	88-1	0.67	0.66	0.70	0.68	3.36	ppb
Sulfur	34-1	2525.29	1463.07	-741.22	1082.38	153.94	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00		ppb
Tin	118-1	0.04	0.04	0.08	0.05	41.58	ppb
Titanium	47-1	-0.77	-0.73	-1.69	-1.06		ppb
Uranium	238-1	1.65	1.69	1.69	1.68	1.56	ppb
Vanadium	51-2	7.76	8.11	8.04	7.97	2.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	186.14	185.94	194.75	188.94	2.66	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2313-01	Instrumnet Name :	P8
Client Sample ID :	390401024	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:43:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.06	0.08	23.01	ppb
Zirconium	91-1	0.16	0.12	0.06	0.11	42.48	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2314-01	Instrumnet Name :	P8
Client Sample ID :	390401023.1	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:47:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.46	47.78	39.92	48.39	18.16	ppb
Antimony	121-1	0.05	0.06	0.04	0.05	20.75	ppb
Arsenic	75-1	1.51	1.41	1.26	1.39	9.01	ppb
Barium	135-1	1.65	2.33	1.74	1.91	19.37	ppb
Barium	137-1	1.99	2.07	2.06	2.04	2.23	ppb
Beryllium	9-1	-0.01	0.04	-0.02	0.00	642.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	260.66	265.38	262.25	262.77	0.91	ppb
Boron	10-1	259.00	240.73	259.33	253.02	4.21	ppb
Cadmium	106-1	-1.26	-0.46	-0.30	-0.67		ppb
Cadmium	108-1	0.27	0.16	0.58	0.34	64.09	ppb
Cadmium	111-1	-0.09	-0.05	-0.06	-0.07		ppb
Calcium	43-1	74.54	64.72	52.03	63.77	17.70	ppb
Calcium	44-1	111.20	117.16	118.85	115.74	3.47	ppb
Chromium	52-2	0.73	0.69	0.58	0.66	12.11	ppb
Cobalt	59-2	-0.12	-0.11	-0.14	-0.12		ppb
Copper	63-2	21.10	20.82	21.13	21.02	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	159.24	160.39	160.80	160.14	0.50	ppb
Iron	57-2	168.13	157.13	162.62	162.63	3.38	ppb
Krypton	83-1						cps
Lead	207-1	2.50	2.40	2.75	2.55	7.11	ppb
Lead	208-1	2.65	2.64	2.60	2.63	0.94	ppb
Lead	206-1	2.90	3.00	2.64	2.85	6.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	30.71	41.85	36.75	36.44	15.30	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2314-01	Instrumnet Name :	P8
Client Sample ID :	390401023.1	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:47:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.30	2.11	2.18	2.19	4.28	ppb
Molybdenum	94-1	0.58	0.62	0.71	0.64	10.28	ppb
Molybdenum	95-1	0.92	0.96	0.95	0.94	2.04	ppb
Molybdenum	96-1	0.93	0.83	0.75	0.83	10.76	ppb
Molybdenum	97-1	0.83	0.94	1.04	0.94	11.14	ppb
Molybdenum	98-1	1.01	0.88	0.96	0.95	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.18	7.30	7.15	7.21	1.08	ppb
Phosphorus	31-2	37.76	88.06	38.33	54.72	52.78	ppb
Potassium	39-2	135.44	132.10	141.48	136.34	3.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	-1.93	-1.93	0.80	-1.02		ppb
Selenium	78-2	1.67	0.34	2.09	1.37	66.67	ppb
Selenium	82-1	0.74	1.79	0.96	1.17	47.58	ppb
Silicon	28-1	23122.18	22599.14	22583.76	22768.36	1.35	ppb
Silver	109-1	0.04	0.02	0.05	0.04	34.35	ppb
Silver	107-1	0.06	0.03	0.05	0.05	39.12	ppb
Sodium	23-2	140201.81	141631.64	137692.32	139841.92	1.43	ppb
Strontium	86-1	0.39	0.40	0.58	0.46	22.52	ppb
Strontium	88-1	0.52	0.48	0.49	0.50	4.70	ppb
Sulfur	34-1	-1436.52	-1833.49	-2472.68	-1914.23		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.04	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.14	0.24	0.16	0.18	29.62	ppb
Titanium	47-1	1.19	1.19	-0.11	0.76	99.31	ppb
Uranium	238-1	1.73	1.85	1.75	1.78	3.46	ppb
Vanadium	51-2	9.02	9.04	9.13	9.06	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	62.37	66.18	65.53	64.69	3.16	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2314-01	Instrumnet Name :	P8
Client Sample ID :	390401023.1	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:47:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.04	0.03	29.02	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	23.98	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2318-01	Instrumnet Name :	P8
Client Sample ID :	390401027	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:51:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.68	47.21	31.09	38.66	20.97	ppb
Antimony	121-1	0.06	0.06	0.08	0.07	13.53	ppb
Arsenic	75-1	1.46	1.30	1.52	1.43	7.94	ppb
Barium	135-1	0.98	0.95	1.28	1.07	17.51	ppb
Barium	137-1	1.03	1.11	1.18	1.11	6.53	ppb
Beryllium	9-1	-0.01	0.02	-0.03	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	133.35	136.78	136.75	135.63	1.45	ppb
Boron	10-1	127.41	132.07	126.98	128.82	2.19	ppb
Cadmium	106-1	3.68	0.16	-3.60	0.08	4671.78	ppb
Cadmium	108-1	0.06	0.06	0.06	0.06	2.78	ppb
Cadmium	111-1	0.23	0.00	-0.28	-0.02		ppb
Calcium	43-1	24.41	30.29	46.94	33.88	34.50	ppb
Calcium	44-1	99.21	97.48	98.37	98.35	0.88	ppb
Chromium	52-2	0.79	0.72	0.73	0.75	5.23	ppb
Cobalt	59-2	-0.12	-0.12	-0.13	-0.12		ppb
Copper	63-2	310.14	306.22	300.28	305.54	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	207.93	203.87	204.04	205.28	1.12	ppb
Iron	57-2	192.78	210.89	196.17	199.94	4.81	ppb
Krypton	83-1						cps
Lead	207-1	3.58	3.71	3.96	3.75	5.19	ppb
Lead	208-1	3.84	3.75	3.87	3.82	1.64	ppb
Lead	206-1	4.28	3.78	4.02	4.03	6.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	32.56	36.58	28.21	32.45	12.90	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2318-01	Instrumnet Name :	P8
Client Sample ID :	390401027	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:51:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.71	3.85	3.20	3.59	9.60	ppb
Molybdenum	94-1	0.33	0.34	0.27	0.31	11.43	ppb
Molybdenum	95-1	0.28	0.24	0.25	0.26	9.09	ppb
Molybdenum	96-1	0.36	0.23	0.28	0.29	21.63	ppb
Molybdenum	97-1	0.28	0.27	0.27	0.27	2.60	ppb
Molybdenum	98-1	0.28	0.33	0.27	0.29	12.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.05	2.99	3.08	3.35	ppb
Phosphorus	31-2	0.59	0.72	23.72	8.34	159.56	ppb
Potassium	39-2	66.80	66.98	71.85	68.54	4.18	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	-1.93	-1.93	-1.93	-1.93		ppb
Selenium	78-2	-1.38	0.79	1.64	0.35	446.15	ppb
Selenium	82-1	0.44	1.71	1.49	1.21	55.86	ppb
Silicon	28-1	27341.89	27257.93	27391.75	27330.52	0.25	ppb
Silver	109-1	0.05	0.06	0.02	0.05	44.37	ppb
Silver	107-1	0.05	0.08	0.02	0.05	56.14	ppb
Sodium	23-2	103669.68	100931.74	100953.64	101851.69	1.55	ppb
Strontium	86-1	0.73	0.42	0.64	0.60	26.59	ppb
Strontium	88-1	0.40	0.44	0.39	0.41	6.42	ppb
Sulfur	34-1	-4366.39	-5735.05	-4850.21	-4983.88		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.01	-0.01	-0.03	-0.01		ppb
Thallium	205-1	-0.02	-0.04	-0.02	-0.03		ppb
Tin	118-1	1.22	1.31	1.31	1.28	4.28	ppb
Titanium	47-1	1.34	1.16	2.46	1.65	42.55	ppb
Uranium	238-1	3.81	3.78	4.01	3.87	3.23	ppb
Vanadium	51-2	9.09	9.19	8.71	8.99	2.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	48.42	50.03	48.36	48.93	1.94	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2318-01	Instrumnet Name :	P8
Client Sample ID :	390401027	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:51:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.10	0.03	0.07	57.19	ppb
Zirconium	91-1	0.06	0.01	0.04	0.04	65.84	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01	Instrumnet Name :	P8
Client Sample ID :	390402169	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:54:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143.45	142.45	125.84	137.25	7.20	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	15.62	ppb
Arsenic	75-1	0.65	0.82	0.64	0.70	13.84	ppb
Barium	135-1	22.59	22.64	22.44	22.56	0.47	ppb
Barium	137-1	21.32	21.99	22.54	21.95	2.77	ppb
Beryllium	9-1	-0.01	-0.06	-0.05	-0.04		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	50.41	49.19	49.71	49.77	1.23	ppb
Boron	10-1	47.27	48.63	50.24	48.71	3.06	ppb
Cadmium	106-1	-3.68	-1.33	-2.97	-2.66		ppb
Cadmium	108-1	0.17	0.37	0.27	0.27	37.83	ppb
Cadmium	111-1	-0.26	-0.13	-0.21	-0.20		ppb
Calcium	43-1	50825.88	50828.72	51314.67	50989.76	0.55	ppb
Calcium	44-1	52022.13	51249.56	51622.88	51631.52	0.75	ppb
Chromium	52-2	1.33	1.18	1.42	1.31	9.15	ppb
Cobalt	59-2	0.04	0.09	0.06	0.06	38.41	ppb
Copper	63-2	12.50	12.34	12.50	12.45	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	330.78	329.70	340.30	333.60	1.75	ppb
Iron	57-2	324.09	351.04	331.88	335.67	4.13	ppb
Krypton	83-1						cps
Lead	207-1	2.69	2.27	2.51	2.49	8.51	ppb
Lead	208-1	2.70	2.48	2.54	2.57	4.42	ppb
Lead	206-1	2.80	2.57	2.74	2.70	4.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	15823.12	15570.36	15588.81	15660.77	0.90	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01	Instrumnet Name :	P8
Client Sample ID :	390402169	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:54:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	286.29	289.07	290.49	288.62	0.74	ppb
Molybdenum	94-1	0.63	0.84	0.61	0.70	18.44	ppb
Molybdenum	95-1	0.15	0.11	0.14	0.13	15.67	ppb
Molybdenum	96-1	0.16	0.22	0.20	0.19	17.05	ppb
Molybdenum	97-1	0.14	0.16	0.14	0.15	10.06	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.11	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.09	1.13	1.15	5.57	ppb
Phosphorus	31-2	-36.09	12.23	-10.54	-11.47		ppb
Potassium	39-2	1637.57	1578.49	1618.83	1611.63	1.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	0.84	3.67	-1.93	0.86	325.91	ppb
Selenium	78-2	0.82	1.73	0.89	1.15	44.20	ppb
Selenium	82-1	-1.28	0.23	0.57	-0.16		ppb
Silicon	28-1	14327.57	14222.10	14591.31	14380.33	1.32	ppb
Silver	109-1	0.04	0.05	0.06	0.05	13.58	ppb
Silver	107-1	0.08	0.06	0.04	0.06	33.91	ppb
Sodium	23-2	55714.82	55350.98	55925.31	55663.70	0.52	ppb
Strontium	86-1	139.30	140.46	138.65	139.47	0.66	ppb
Strontium	88-1	140.41	140.10	141.32	140.61	0.45	ppb
Sulfur	34-1	-3275.95	-1895.12	-707.10	-1959.39		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.02	0.02	62.96	ppb
Thallium	205-1	0.03	0.05	0.03	0.04	28.91	ppb
Tin	118-1	0.24	0.26	0.23	0.24	6.40	ppb
Titanium	47-1	4.95	4.83	4.78	4.85	1.76	ppb
Uranium	238-1	0.44	0.35	0.41	0.40	11.32	ppb
Vanadium	51-2	0.60	0.59	0.67	0.62	6.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	7.78	8.41	7.48	7.89	6.05	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01	Instrumnet Name :	P8
Client Sample ID :	390402169	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:54:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.44	0.43	0.48	0.45	6.54	ppb
Zirconium	91-1	0.42	0.31	0.38	0.37	15.84	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01DUP	Instrumnet Name :	P8
Client Sample ID :	390402169DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:58:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.44	139.08	137.86	135.46	3.87	ppb
Antimony	121-1	0.06	0.10	0.06	0.07	25.19	ppb
Arsenic	75-1	0.54	0.31	0.65	0.50	35.10	ppb
Barium	135-1	21.29	22.80	21.15	21.75	4.20	ppb
Barium	137-1	22.82	22.39	22.16	22.46	1.49	ppb
Beryllium	9-1	-0.03	0.01	-0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	43.70	47.27	43.76	44.91	4.55	ppb
Boron	10-1	42.47	48.66	45.22	45.45	6.82	ppb
Cadmium	106-1	-1.01	-0.88	-1.97	-1.29		ppb
Cadmium	108-1	0.07	0.16	0.06	0.10	57.45	ppb
Cadmium	111-1	-0.04	-0.08	-0.11	-0.08		ppb
Calcium	43-1	52116.27	50497.04	51215.30	51276.21	1.58	ppb
Calcium	44-1	51900.22	50974.72	51977.37	51617.44	1.08	ppb
Chromium	52-2	1.36	1.44	1.24	1.35	7.45	ppb
Cobalt	59-2	0.11	0.07	0.11	0.10	25.30	ppb
Copper	63-2	12.42	12.84	12.93	12.73	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	332.65	337.22	340.47	336.78	1.17	ppb
Iron	57-2	330.55	325.04	341.56	332.38	2.53	ppb
Krypton	83-1						cps
Lead	207-1	2.58	2.36	2.59	2.51	5.27	ppb
Lead	208-1	2.59	2.61	2.62	2.60	0.49	ppb
Lead	206-1	2.84	2.69	2.81	2.78	2.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	15888.10	15611.08	16140.24	15879.80	1.67	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01DUP	Instrumnet Name :	P8
Client Sample ID :	390402169DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:58:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	288.04	290.89	292.21	290.38	0.73	ppb
Molybdenum	94-1	0.74	0.64	0.78	0.72	9.82	ppb
Molybdenum	95-1	0.08	0.07	0.04	0.06	34.65	ppb
Molybdenum	96-1	0.14	0.10	0.22	0.16	38.61	ppb
Molybdenum	97-1	0.09	0.03	0.07	0.06	43.80	ppb
Molybdenum	98-1	0.11	0.07	0.08	0.09	24.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.02	1.07	1.10	9.42	ppb
Phosphorus	31-2	-0.40	-24.23	-23.44	-16.02		ppb
Potassium	39-2	1578.75	1644.66	1640.86	1621.42	2.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.84	-1.93	-1.93	-1.00		ppb
Selenium	78-2	0.38	-0.50	0.82	0.24	287.62	ppb
Selenium	82-1	0.05	-1.11	0.92	-0.05		ppb
Silicon	28-1	15318.45	14540.76	14401.02	14753.41	3.35	ppb
Silver	109-1	0.04	0.02	0.05	0.04	32.17	ppb
Silver	107-1	0.05	0.07	0.06	0.06	18.07	ppb
Sodium	23-2	56002.85	55980.95	56274.18	56085.99	0.29	ppb
Strontium	86-1	140.30	138.03	139.47	139.27	0.82	ppb
Strontium	88-1	139.86	139.68	139.02	139.52	0.32	ppb
Sulfur	34-1	3150.22	2800.82	2597.18	2849.41	9.82	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.04	0.01	0.02	100.73	ppb
Thallium	205-1	0.03	-0.01	0.02	0.01	132.24	ppb
Tin	118-1	0.20	0.16	0.20	0.19	13.38	ppb
Titanium	47-1	4.64	4.73	4.77	4.71	1.37	ppb
Uranium	238-1	0.39	0.37	0.37	0.38	2.95	ppb
Vanadium	51-2	0.65	0.65	0.61	0.64	3.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	4.93	5.30	5.17	5.13	3.60	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01DUP	Instrumnet Name :	P8
Client Sample ID :	390402169DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:58:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.44	0.49	0.47	0.46	4.94	ppb
Zirconium	91-1	0.34	0.40	0.48	0.41	17.92	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01LX5	Instrumnet Name :	P8
Client Sample ID :	390402169L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-11 17:01:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.62	18.63	25.55	23.60	18.37	ppb
Antimony	121-1	0.03	0.03	0.01	0.02	57.27	ppb
Arsenic	75-1	0.07	0.05	0.18	0.10	71.66	ppb
Barium	135-1	4.30	4.40	4.39	4.36	1.27	ppb
Barium	137-1	4.21	4.39	4.61	4.40	4.66	ppb
Beryllium	9-1	-0.03	0.00	-0.02	-0.02		ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	12.21	11.83	12.08	12.04	1.60	ppb
Boron	10-1	10.67	11.58	13.39	11.88	11.64	ppb
Cadmium	106-1	-2.96	0.91	0.12	-0.64		ppb
Cadmium	108-1	-0.14	0.15	0.06	0.02	643.29	ppb
Cadmium	111-1	-0.22	0.06	-0.02	-0.06		ppb
Calcium	43-1	10160.06	9737.16	10138.76	10011.99	2.38	ppb
Calcium	44-1	10417.03	10077.99	10533.32	10342.78	2.29	ppb
Chromium	52-2	0.20	0.15	0.17	0.17	13.96	ppb
Cobalt	59-2	-0.16	-0.13	-0.14	-0.14		ppb
Copper	63-2	2.63	2.74	2.54	2.63	3.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	68.69	68.20	65.36	67.42	2.66	ppb
Iron	57-2	62.48	57.82	67.18	62.49	7.49	ppb
Krypton	83-1						cps
Lead	207-1	0.49	0.41	0.54	0.48	13.87	ppb
Lead	208-1	0.48	0.44	0.48	0.46	5.18	ppb
Lead	206-1	0.47	0.47	0.55	0.50	8.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	3209.80	3190.25	3100.05	3166.70	1.85	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01LX5	Instrumnet Name :	P8
Client Sample ID :	390402169L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-11 17:01:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	55.92	59.12	55.98	57.01	3.22	ppb
Molybdenum	94-1	0.06	0.09	0.06	0.07	29.63	ppb
Molybdenum	95-1	-0.04	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	0.06	0.02	0.00	0.03	98.78	ppb
Molybdenum	97-1	0.02	-0.01	-0.02	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.12	0.16	0.16	20.68	ppb
Phosphorus	31-2	24.51	13.08	-36.27	0.44	7369.77	ppb
Potassium	39-2	322.37	332.42	324.78	326.52	1.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	-1.93	-1.93	-1.93	-1.93		ppb
Selenium	78-2	-0.08	0.81	2.13	0.96	116.20	ppb
Selenium	82-1	-1.50	0.09	0.65	-0.26		ppb
Silicon	28-1	3603.67	2822.92	3500.76	3309.12	12.82	ppb
Silver	109-1	0.03	0.02	-0.01	0.01	185.66	ppb
Silver	107-1	0.05	0.02	0.02	0.03	55.98	ppb
Sodium	23-2	11302.98	11325.47	10928.36	11185.60	1.99	ppb
Strontium	86-1	27.11	26.97	27.24	27.11	0.49	ppb
Strontium	88-1	27.57	26.38	27.60	27.18	2.57	ppb
Sulfur	34-1	-5872.35	-6607.93	-5869.36	-6116.55		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.04	0.03	0.03	30.56	ppb
Titanium	47-1	1.06	-0.55	0.36	0.29	280.32	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	35.68	ppb
Vanadium	51-2	0.09	0.11	0.15	0.12	26.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.75	0.98	1.00	0.91	15.43	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01LX5	Instrumnet Name :	P8
Client Sample ID :	390402169L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-11 17:01:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.09	0.07	17.44	ppb
Zirconium	91-1	0.08	0.10	0.13	0.10	28.56	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:05:21	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52439.41	52865.78	51608.23	52304.47	1.22	ppb
Antimony	121-1	467.85	503.39	499.85	490.36	3.99	ppb
Arsenic	75-1	459.24	486.22	479.94	475.13	2.97	ppb
Barium	135-1	2363.26	2531.78	2514.77	2469.94	3.76	ppb
Barium	137-1	2364.58	2554.72	2565.37	2494.89	4.53	ppb
Beryllium	9-1	486.59	510.26	506.43	501.09	2.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	11-1	476.22	488.80	504.14	489.72	2.86	ppb
Boron	10-1	473.97	494.03	503.30	490.43	3.06	ppb
Cadmium	106-1	461.97	509.43	505.34	492.25	5.34	ppb
Cadmium	108-1	467.18	504.04	481.43	484.22	3.84	ppb
Cadmium	111-1	459.28	496.41	488.82	481.50	4.07	ppb
Calcium	43-1	231343.30	242560.64	244261.33	239388.42	2.93	ppb
Calcium	44-1	228595.86	240423.55	239013.76	236011.05	2.74	ppb
Chromium	52-2	487.18	493.70	485.01	488.63	0.93	ppb
Cobalt	59-2	481.66	490.94	484.65	485.75	0.98	ppb
Copper	63-2	928.82	938.12	918.47	928.47	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				115		%
Holmium	165-2				115		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	123148.49	124205.27	122254.08	123202.61	0.79	ppb
Iron	57-2	124327.83	126790.17	123017.42	124711.81	1.54	ppb
Krypton	83-1						cps
Lead	207-1	473.29	506.42	504.66	494.79	3.77	ppb
Lead	208-1	466.82	502.13	502.23	490.39	4.16	ppb
Lead	206-1	469.61	504.96	505.15	493.24	4.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	247382.39	250943.52	246370.81	248232.24	0.97	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:05:21	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	964.90	983.84	970.95	973.23	0.99	ppb
Molybdenum	94-1	2429.87	2557.59	2527.54	2505.00	2.67	ppb
Molybdenum	95-1	2441.69	2560.75	2552.11	2518.18	2.64	ppb
Molybdenum	96-1	2424.55	2582.68	2525.81	2511.02	3.19	ppb
Molybdenum	97-1	2396.10	2562.86	2547.18	2502.05	3.68	ppb
Molybdenum	98-1	2400.39	2571.54	2521.78	2497.91	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.56	484.74	471.79	477.36	1.39	ppb
Phosphorus	31-2	10019.77	10125.17	10090.42	10078.45	0.53	ppb
Potassium	39-2	122538.10	125495.70	121197.57	123077.12	1.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	483.60	497.86	529.83	503.76	4.70	ppb
Selenium	78-2	484.42	498.53	478.78	487.24	2.09	ppb
Selenium	82-1	468.54	501.48	490.31	486.78	3.44	ppb
Silicon	28-1	625.26	1605.55	1297.35	1176.05	42.62	ppb
Silver	109-1	442.57	476.59	465.66	461.61	3.76	ppb
Silver	107-1	449.54	485.31	475.25	470.03	3.92	ppb
Sodium	23-2	249358.64	252831.82	248456.19	250215.55	0.92	ppb
Strontium	86-1	463.57	496.45	488.06	482.69	3.54	ppb
Strontium	88-1	475.05	503.85	504.44	494.45	3.40	ppb
Sulfur	34-1	10621.24	12791.43	11362.53	11591.73	9.52	ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	475.34	512.38	499.89	495.87	3.80	ppb
Thallium	205-1	482.94	511.77	502.06	498.92	2.94	ppb
Tin	118-1	470.29	508.57	496.06	491.64	3.97	ppb
Titanium	47-1	2328.94	2458.27	2420.90	2402.71	2.77	ppb
Uranium	238-1	488.54	516.44	519.23	508.07	3.34	ppb
Vanadium	51-2	490.13	497.04	489.40	492.19	0.86	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	941.68	951.14	930.81	941.21	1.08	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:05:21	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	478.18	516.91	505.76	500.28	3.99	ppb
Zirconium	91-1	472.72	508.95	500.90	494.19	3.85	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:08:47	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.00	-4.42	-1.42	-2.95		ppb
Antimony	121-1	0.08	0.10	0.08	0.09	14.31	ppb
Arsenic	75-1	0.01	-0.02	0.03	0.01	289.78	ppb
Barium	135-1	-0.04	-0.12	-0.12	-0.09		ppb
Barium	137-1	-0.03	-0.04	-0.03	-0.03		ppb
Beryllium	9-1	-0.02	0.05	0.04	0.02	191.05	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	11-1	8.85	8.65	7.43	8.31	9.24	ppb
Boron	10-1	10.61	8.31	5.76	8.23	29.45	ppb
Cadmium	106-1	-0.72	-1.40	0.62	-0.50		ppb
Cadmium	108-1	-0.05	0.25	-0.14	0.02	1041.19	ppb
Cadmium	111-1	-0.08	-0.13	0.04	-0.06		ppb
Calcium	43-1	-39.41	-29.22	-51.67	-40.10		ppb
Calcium	44-1	0.00	-5.58	-13.21	-6.27		ppb
Chromium	52-2	0.01	-0.07	-0.06	-0.04		ppb
Cobalt	59-2	-0.13	-0.16	-0.13	-0.14		ppb
Copper	63-2	0.49	0.40	0.31	0.40	22.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	0.89	0.55	0.23	0.56	58.95	ppb
Iron	57-2	-0.41	-1.18	-1.54	-1.04		ppb
Krypton	83-1						cps
Lead	207-1	0.29	0.19	0.19	0.22	27.54	ppb
Lead	208-1	0.19	0.16	0.18	0.18	8.40	ppb
Lead	206-1	0.14	0.21	0.19	0.18	20.38	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.86	3.20	1.20	1.75	72.05	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:08:47	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.05	-0.06	-0.05		ppb
Molybdenum	94-1	0.06	0.06	0.07	0.06	7.80	ppb
Molybdenum	95-1	0.09	0.11	0.05	0.08	37.26	ppb
Molybdenum	96-1	0.10	0.08	0.04	0.07	44.46	ppb
Molybdenum	97-1	0.13	0.13	0.04	0.10	50.89	ppb
Molybdenum	98-1	0.10	0.09	0.02	0.07	62.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.11	-0.11	-0.10		ppb
Phosphorus	31-2	-2.06	-36.75	-48.23	-29.02		ppb
Potassium	39-2	50.65	48.76	36.84	45.42	16.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	-1.93	-1.93	-1.93	-1.93		ppb
Selenium	78-2	0.29	-0.10	1.17	0.45	142.88	ppb
Selenium	82-1	0.12	-0.78	2.01	0.45	315.72	ppb
Silicon	28-1	574.99	558.57	457.53	530.36	11.99	ppb
Silver	109-1	0.06	0.05	0.07	0.06	18.00	ppb
Silver	107-1	0.10	0.08	0.08	0.09	15.38	ppb
Sodium	23-2	126.98	127.90	125.82	126.90	0.82	ppb
Strontium	86-1	0.06	0.03	-0.01	0.02	148.48	ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-6853.43	-6351.72	-7358.15	-6854.43		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.09	0.06	0.07	26.42	ppb
Thallium	205-1	0.01	0.04	0.04	0.03	44.87	ppb
Tin	118-1	0.06	0.03	0.06	0.05	40.17	ppb
Titanium	47-1	-2.62	-0.22	-2.35	-1.73		ppb
Uranium	238-1	-0.04	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.03	0.02	-0.01	-0.01		ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	-0.12	0.07	-0.16	-0.07		ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:08:47	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.01	0.02	0.02	46.90	ppb
Zirconium	91-1	0.01	0.02	0.08	0.04	103.25	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MS	Instrumnet Name :	P8
Client Sample ID :	390402169MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:12:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2090.47	1943.17	2067.93	2033.86	3.90	ppb
Antimony	121-1	817.88	821.48	813.85	817.74	0.47	ppb
Arsenic	75-1	797.14	799.30	775.91	790.78	1.63	ppb
Barium	135-1	227.32	226.02	230.17	227.84	0.93	ppb
Barium	137-1	228.90	228.31	227.66	228.29	0.27	ppb
Beryllium	9-1	200.49	203.14	199.34	200.99	0.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	340.99	355.42	364.15	353.52	3.31	ppb
Boron	10-1	343.79	348.34	357.29	349.81	1.96	ppb
Cadmium	106-1	191.83	178.53	180.62	183.66	3.89	ppb
Cadmium	108-1	189.24	188.07	186.54	187.95	0.72	ppb
Cadmium	111-1	201.21	197.96	197.25	198.81	1.06	ppb
Calcium	43-1	54351.27	54076.37	52537.45	53655.03	1.82	ppb
Calcium	44-1	54452.47	53750.79	53480.21	53894.49	0.93	ppb
Chromium	52-2	418.29	397.90	413.32	409.83	2.59	ppb
Cobalt	59-2	209.30	200.72	207.10	205.70	2.17	ppb
Copper	63-2	325.18	311.40	318.94	318.51	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	3506.84	3432.32	3516.27	3485.14	1.32	ppb
Iron	57-2	3382.51	3258.80	3405.36	3348.89	2.35	ppb
Krypton	83-1						cps
Lead	207-1	1010.44	1012.56	1001.29	1008.10	0.59	ppb
Lead	208-1	1024.55	1028.15	1014.99	1022.56	0.67	ppb
Lead	206-1	1023.53	1032.18	1014.76	1023.49	0.85	ppb
Lithium	6-1				101		%
Magnesium	24-2	18952.42	18113.00	18620.71	18562.04	2.28	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MS	Instrumnet Name :	P8
Client Sample ID :	390402169MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:12:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.63	489.38	501.60	498.20	1.55	ppb
Molybdenum	94-1	286.04	284.21	276.41	282.22	1.81	ppb
Molybdenum	95-1	406.35	407.75	400.76	404.96	0.91	ppb
Molybdenum	96-1	394.14	391.94	382.26	389.45	1.62	ppb
Molybdenum	97-1	405.40	411.11	399.03	405.18	1.49	ppb
Molybdenum	98-1	408.95	415.07	399.83	407.95	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.92	503.47	516.50	514.30	1.93	ppb
Phosphorus	31-2	6463.33	5867.88	6324.46	6218.55	5.01	ppb
Potassium	39-2	11911.49	11565.64	11937.15	11804.76	1.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	2107.98	2109.69	1986.75	2068.14	3.41	ppb
Selenium	78-2	2095.96	1904.47	2049.61	2016.68	4.95	ppb
Selenium	82-1	2033.58	2052.90	2013.65	2033.38	0.97	ppb
Silicon	28-1	17977.78	17408.72	17061.44	17482.65	2.65	ppb
Silver	109-1	72.31	70.98	70.74	71.34	1.19	ppb
Silver	107-1	73.97	73.39	72.26	73.21	1.19	ppb
Sodium	23-2	61806.59	59121.05	61663.06	60863.57	2.48	ppb
Strontium	86-1	342.42	346.08	335.55	341.35	1.57	ppb
Strontium	88-1	350.76	354.40	350.24	351.80	0.64	ppb
Sulfur	34-1	6234.09	4629.91	3277.03	4713.68	31.40	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	2023.33	2031.35	2031.25	2028.65	0.23	ppb
Thallium	205-1	2005.68	1993.79	1987.33	1995.60	0.47	ppb
Tin	118-1	724.04	714.62	711.26	716.64	0.92	ppb
Titanium	47-1	200.95	204.04	196.66	200.55	1.85	ppb
Uranium	238-1	0.39	0.44	0.36	0.40	10.43	ppb
Vanadium	51-2	308.79	297.85	307.70	304.78	1.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	215.40	203.69	216.98	212.03	3.42	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MS	Instrumnet Name :	P8
Client Sample ID :	390402169MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:12:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.70	0.62	0.65	0.66	5.69	ppb
Zirconium	91-1	0.76	0.88	0.96	0.87	11.29	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MSD	Instrumnet Name :	P8
Client Sample ID :	390402169MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:15:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2050.97	2079.49	2042.36	2057.61	0.94	ppb
Antimony	121-1	838.69	851.19	809.12	833.00	2.59	ppb
Arsenic	75-1	799.17	794.86	789.82	794.61	0.59	ppb
Barium	135-1	233.59	235.50	228.03	232.37	1.67	ppb
Barium	137-1	234.10	239.57	228.97	234.21	2.26	ppb
Beryllium	9-1	207.11	211.12	206.75	208.33	1.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	356.44	360.76	359.63	358.94	0.62	ppb
Boron	10-1	361.80	381.74	364.28	369.27	2.94	ppb
Cadmium	106-1	174.57	181.59	177.23	177.80	1.99	ppb
Cadmium	108-1	187.96	202.02	183.68	191.22	5.02	ppb
Cadmium	111-1	201.56	206.96	199.59	202.70	1.88	ppb
Calcium	43-1	54212.93	52500.27	52186.14	52966.45	2.06	ppb
Calcium	44-1	54460.20	53462.23	52723.02	53548.48	1.63	ppb
Chromium	52-2	411.44	408.48	416.62	412.18	1.00	ppb
Cobalt	59-2	205.35	205.48	205.69	205.51	0.08	ppb
Copper	63-2	322.28	316.16	325.57	321.34	1.49	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				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	3466.51	3508.54	3568.29	3514.45	1.46	ppb
Iron	57-2	3364.65	3413.63	3429.04	3402.44	0.99	ppb
Krypton	83-1						cps
Lead	207-1	1021.82	1014.57	1013.74	1016.71	0.44	ppb
Lead	208-1	1038.74	1030.64	1028.83	1032.74	0.51	ppb
Lead	206-1	1041.40	1028.72	1035.59	1035.23	0.61	ppb
Lithium	6-1				101		%
Magnesium	24-2	18421.80	18127.24	18436.73	18328.59	0.95	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MSD	Instrumnet Name :	P8
Client Sample ID :	390402169MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:15:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	490.18	495.48	505.16	496.94	1.53	ppb
Molybdenum	94-1	283.45	283.06	284.39	283.63	0.24	ppb
Molybdenum	95-1	405.40	408.81	408.63	407.61	0.47	ppb
Molybdenum	96-1	390.37	390.32	389.48	390.06	0.13	ppb
Molybdenum	97-1	404.68	404.98	400.06	403.24	0.68	ppb
Molybdenum	98-1	406.79	402.51	406.56	405.29	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.78	514.07	519.96	517.27	0.58	ppb
Phosphorus	31-2	6050.42	6168.14	6834.45	6351.00	6.66	ppb
Potassium	39-2	11713.84	11591.52	11902.06	11735.81	1.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	1972.77	2140.73	2219.11	2110.87	5.96	ppb
Selenium	78-2	2041.08	2054.47	2080.38	2058.64	0.97	ppb
Selenium	82-1	2061.68	2027.63	2020.75	2036.69	1.08	ppb
Silicon	28-1	17428.97	16402.07	16420.91	16750.65	3.51	ppb
Silver	109-1	71.89	75.42	72.06	73.12	2.72	ppb
Silver	107-1	73.87	74.54	72.86	73.76	1.15	ppb
Sodium	23-2	60283.37	60168.54	61334.00	60595.30	1.06	ppb
Strontium	86-1	340.04	346.01	337.03	341.03	1.34	ppb
Strontium	88-1	353.63	351.65	345.39	350.22	1.23	ppb
Sulfur	34-1	4860.82	2779.14	1752.95	3130.97	50.58	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	2109.00	2067.73	2099.75	2092.16	1.04	ppb
Thallium	205-1	2041.83	2006.77	2043.80	2030.80	1.03	ppb
Tin	118-1	730.77	746.10	710.71	729.19	2.43	ppb
Titanium	47-1	206.55	205.88	204.34	205.59	0.55	ppb
Uranium	238-1	0.40	0.37	0.42	0.40	5.64	ppb
Vanadium	51-2	306.79	306.02	307.81	306.87	0.29	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	204.97	206.73	208.58	206.76	0.87	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MSD	Instrumnet Name :	P8
Client Sample ID :	390402169MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:15:53	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.57	0.53	0.55	0.55	3.62	ppb
Zirconium	91-1	0.89	0.84	0.81	0.84	4.52	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01A	Instrumnet Name :	P8
Client Sample ID :	390402169A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:19:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2087.95	2065.35	2094.37	2082.56	0.73	ppb
Antimony	121-1	823.43	842.97	836.14	834.18	1.19	ppb
Arsenic	75-1	792.19	797.86	777.81	789.29	1.31	ppb
Barium	135-1	228.46	231.46	235.65	231.86	1.56	ppb
Barium	137-1	236.32	234.73	231.03	234.02	1.16	ppb
Beryllium	9-1	211.65	204.56	205.76	207.32	1.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	360.34	367.13	361.67	363.05	0.99	ppb
Boron	10-1	353.97	370.31	365.86	363.38	2.32	ppb
Cadmium	106-1	180.27	176.66	185.50	180.81	2.46	ppb
Cadmium	108-1	181.85	189.71	185.92	185.83	2.11	ppb
Cadmium	111-1	203.75	201.62	205.17	203.51	0.88	ppb
Calcium	43-1	53638.86	53497.98	52980.27	53372.37	0.65	ppb
Calcium	44-1	53629.03	53432.43	53280.65	53447.37	0.33	ppb
Chromium	52-2	421.49	404.69	410.40	412.20	2.07	ppb
Cobalt	59-2	208.64	203.12	206.52	206.09	1.35	ppb
Copper	63-2	325.62	317.02	319.32	320.66	1.39	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				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	3426.58	3498.20	3497.52	3474.10	1.18	ppb
Iron	57-2	3409.67	3418.23	3403.74	3410.55	0.21	ppb
Krypton	83-1						cps
Lead	207-1	1005.66	1000.75	1006.11	1004.17	0.30	ppb
Lead	208-1	1021.46	1024.94	1017.34	1021.25	0.37	ppb
Lead	206-1	1022.94	1038.24	1029.47	1030.21	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	18664.05	18050.81	18325.95	18346.94	1.67	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01A	Instrumnet Name :	P8
Client Sample ID :	390402169A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:19:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	507.22	494.78	493.85	498.62	1.50	ppb
Molybdenum	94-1	279.13	288.24	280.36	282.58	1.75	ppb
Molybdenum	95-1	402.44	412.64	405.21	406.76	1.30	ppb
Molybdenum	96-1	390.94	393.47	389.43	391.28	0.52	ppb
Molybdenum	97-1	408.95	410.64	404.72	408.11	0.75	ppb
Molybdenum	98-1	403.80	416.91	408.89	409.87	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.60	509.34	515.47	514.47	0.92	ppb
Phosphorus	31-2	6231.95	6463.10	6383.97	6359.68	1.85	ppb
Potassium	39-2	11784.99	11736.49	11745.03	11755.50	0.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	2032.54	1861.26	2000.16	1964.65	4.63	ppb
Selenium	78-2	1996.55	2070.45	1992.72	2019.91	2.17	ppb
Selenium	82-1	2063.25	2071.69	2031.77	2055.57	1.02	ppb
Silicon	28-1	16974.38	17020.94	16205.89	16733.73	2.74	ppb
Silver	109-1	72.17	73.28	72.54	72.66	0.78	ppb
Silver	107-1	74.24	73.50	74.23	73.99	0.57	ppb
Sodium	23-2	61419.84	59633.71	59916.26	60323.27	1.59	ppb
Strontium	86-1	342.83	347.47	339.59	343.30	1.15	ppb
Strontium	88-1	348.76	354.14	345.15	349.35	1.30	ppb
Sulfur	34-1	3986.28	3761.27	1976.22	3241.26	33.98	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	2077.66	2083.28	2039.41	2066.78	1.15	ppb
Thallium	205-1	2014.37	2026.16	1997.69	2012.74	0.71	ppb
Tin	118-1	723.11	742.13	726.67	730.64	1.38	ppb
Titanium	47-1	202.03	207.02	197.69	202.25	2.31	ppb
Uranium	238-1	0.39	0.35	0.33	0.36	8.20	ppb
Vanadium	51-2	306.80	306.81	305.54	306.38	0.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	212.17	207.76	209.55	209.82	1.06	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01A	Instrumnet Name :	P8
Client Sample ID :	390402169A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:19:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.57	0.57	0.55	0.56	2.48	ppb
Zirconium	91-1	0.84	0.90	0.85	0.86	3.80	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW148-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:25:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.32	-0.52	7.62	2.81	152.12	ppb
Antimony	121-1	5.58	4.11	3.30	4.33	26.70	ppb
Arsenic	75-1	34.13	33.22	34.58	33.97	2.04	ppb
Barium	135-1	496.97	492.51	490.62	493.37	0.66	ppb
Barium	137-1	505.44	494.94	492.89	497.76	1.35	ppb
Beryllium	9-1	-0.02	-0.01	-0.06	-0.03		ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	11-1	180.26	175.05	170.14	175.15	2.89	ppb
Boron	10-1	185.76	173.38	162.60	173.91	6.66	ppb
Cadmium	106-1	-5.75	-6.56	-5.28	-5.86		ppb
Cadmium	108-1	0.08	-0.14	-0.04	-0.03		ppb
Cadmium	111-1	-0.33	-0.41	-0.30	-0.34		ppb
Calcium	43-1	97968.90	97904.80	97058.71	97644.14	0.52	ppb
Calcium	44-1	98616.21	98311.84	96986.39	97971.48	0.88	ppb
Chromium	52-2	1.73	1.80	1.60	1.71	5.77	ppb
Cobalt	59-2	-0.12	-0.10	-0.08	-0.10		ppb
Copper	63-2	10.51	10.02	9.48	10.00	5.14	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				101		%
Holmium	165-2				97		%
Indium	115-1				118		%
Indium	115-2				99		%
Iron	56-2	5590.62	5702.02	5644.12	5645.59	0.99	ppb
Iron	57-2	5460.89	5407.38	5463.78	5444.02	0.58	ppb
Krypton	83-1						cps
Lead	207-1	1.61	1.24	1.31	1.39	14.27	ppb
Lead	208-1	1.49	1.30	1.22	1.34	10.64	ppb
Lead	206-1	1.55	1.40	1.28	1.41	9.88	ppb
Lithium	6-1				231		%
Magnesium	24-2	13349.41	12964.51	12806.25	13040.06	2.14	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW148-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:25:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1255.91	1277.22	1238.84	1257.33	1.53	ppb
Molybdenum	94-1	0.51	0.56	0.69	0.59	16.09	ppb
Molybdenum	95-1	0.64	0.69	0.56	0.63	10.45	ppb
Molybdenum	96-1	0.70	0.73	0.58	0.67	11.41	ppb
Molybdenum	97-1	0.75	0.74	0.91	0.80	12.18	ppb
Molybdenum	98-1	0.78	0.68	0.71	0.72	7.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.80	2.14	1.93	9.54	ppb
Phosphorus	31-2	14.48	14.55	58.05	29.03	86.59	ppb
Potassium	39-2	2759.35	2801.62	2765.84	2775.60	0.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				82		%
Selenium	77-2	-1.93	1.36	-1.93	-0.83		ppb
Selenium	78-2	-0.33	0.71	3.75	1.38	154.09	ppb
Selenium	82-1	0.28	1.35	1.56	1.06	64.58	ppb
Silicon	28-1	28214.88	27016.86	26923.48	27385.07	2.63	ppb
Silver	109-1	6.52	4.96	3.50	4.99	30.22	ppb
Silver	107-1	6.58	4.79	3.56	4.98	30.51	ppb
Sodium	23-2	87021.87	85782.15	86239.99	86348.00	0.73	ppb
Strontium	86-1	358.08	353.07	346.26	352.47	1.68	ppb
Strontium	88-1	360.94	361.57	372.23	364.92	1.74	ppb
Sulfur	34-1	-7111.21	-9220.12	-9606.97	-8646.10		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.08	-0.02	0.03	178.53	ppb
Thallium	205-1	0.06	0.03	0.02	0.04	50.46	ppb
Tin	118-1	8.52	7.30	6.10	7.30	16.58	ppb
Titanium	47-1	-0.06	-1.55	-1.39	-1.00		ppb
Uranium	238-1	-0.04	-0.03	-0.04	-0.04		ppb
Vanadium	51-2	0.42	0.31	0.45	0.40	19.04	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	10.21	10.12	11.10	10.48	5.15	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW148-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:25:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	0.98	ppb
Zirconium	91-1	0.06	0.00	0.04	0.03	92.53	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-02	Instrumnet Name :	P8
Client Sample ID :	ST006RW116-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:28:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.84	-0.42	0.80	0.41	176.23	ppb
Antimony	121-1	2.42	2.52	2.31	2.42	4.34	ppb
Arsenic	75-1	30.17	30.65	30.50	30.44	0.81	ppb
Barium	135-1	137.19	135.85	135.94	136.33	0.55	ppb
Barium	137-1	139.41	140.67	136.49	138.86	1.54	ppb
Beryllium	9-1	-0.05	-0.04	-0.07	-0.05		ppb
Bismuth	209-1				126		%
Bismuth	209-2				117		%
Boron	11-1	116.37	118.78	116.31	117.15	1.20	ppb
Boron	10-1	115.50	116.82	118.93	117.08	1.47	ppb
Cadmium	106-1	-4.98	-4.24	-5.59	-4.94		ppb
Cadmium	108-1	-0.05	0.04	0.03	0.01	737.59	ppb
Cadmium	111-1	-0.36	-0.33	-0.41	-0.37		ppb
Calcium	43-1	76427.51	76675.02	77000.17	76700.90	0.37	ppb
Calcium	44-1	76351.86	77930.03	78017.36	77433.08	1.21	ppb
Chromium	52-2	1.90	2.12	1.96	1.99	5.77	ppb
Cobalt	59-2	0.43	0.38	0.42	0.41	6.72	ppb
Copper	63-2	8.81	7.96	8.02	8.26	5.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				109		%
Indium	115-1				120		%
Indium	115-2				101		%
Iron	56-2	415.07	403.75	411.52	410.11	1.41	ppb
Iron	57-2	414.31	395.44	391.81	400.52	3.02	ppb
Krypton	83-1						cps
Lead	207-1	0.38	0.32	0.36	0.35	8.17	ppb
Lead	208-1	0.42	0.37	0.29	0.36	17.82	ppb
Lead	206-1	0.41	0.42	0.34	0.39	11.98	ppb
Lithium	6-1				229		%
Magnesium	24-2	8765.17	8370.74	8620.90	8585.60	2.32	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-02	Instrumnet Name :	P8
Client Sample ID :	ST006RW116-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:28:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	835.75	812.70	830.51	826.32	1.46	ppb
Molybdenum	94-1	1.57	1.56	1.06	1.40	21.00	ppb
Molybdenum	95-1	1.80	2.07	1.83	1.90	7.91	ppb
Molybdenum	96-1	2.01	1.90	1.87	1.93	3.86	ppb
Molybdenum	97-1	2.15	2.46	1.92	2.17	12.38	ppb
Molybdenum	98-1	2.02	1.81	1.81	1.88	6.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.46	3.17	3.31	4.33	ppb
Phosphorus	31-2	14.38	-45.54	-45.16	-25.44		ppb
Potassium	39-2	2887.03	2742.14	2871.69	2833.62	2.81	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				83		%
Selenium	77-2	-1.93	-1.93	-1.93	-1.93		ppb
Selenium	78-2	1.56	0.09	-0.40	0.42	244.56	ppb
Selenium	82-1	0.62	1.14	1.03	0.93	29.32	ppb
Silicon	28-1	20104.28	20095.19	20052.33	20083.93	0.14	ppb
Silver	109-1	1.85	1.48	1.21	1.51	21.40	ppb
Silver	107-1	2.09	1.64	1.26	1.67	24.97	ppb
Sodium	23-2	51657.21	49173.98	50497.84	50443.01	2.46	ppb
Strontium	86-1	315.03	317.54	312.08	314.88	0.87	ppb
Strontium	88-1	327.64	326.73	319.70	324.69	1.34	ppb
Sulfur	34-1	8181.61	7808.95	7280.68	7757.08	5.84	ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.04	0.00	0.03	91.32	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	15.60	ppb
Tin	118-1	4.27	4.15	4.20	4.21	1.41	ppb
Titanium	47-1	-3.04	-3.33	-3.37	-3.25		ppb
Uranium	238-1	0.60	0.65	0.69	0.65	7.07	ppb
Vanadium	51-2	5.33	5.14	4.84	5.11	4.89	ppb
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	6.48	6.09	6.16	6.24	3.32	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-02	Instrumnet Name :	P8
Client Sample ID :	ST006RW116-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:28:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.00	0.00	0.01	177.80	ppb
Zirconium	91-1	0.02	-0.03	0.02	0.00	888.78	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-03	Instrumnet Name :	P8
Client Sample ID :	ST006RW163-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:32:25	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.40	32.90	27.57	29.29	10.67	ppb
Antimony	121-1	2.08	2.01	1.89	1.99	4.83	ppb
Arsenic	75-1	30.94	29.47	30.01	30.14	2.46	ppb
Barium	135-1	285.98	285.32	281.49	284.27	0.85	ppb
Barium	137-1	285.33	284.24	284.64	284.74	0.19	ppb
Beryllium	9-1	-0.06	-0.03	-0.04	-0.05		ppb
Bismuth	209-1				136		%
Bismuth	209-2				123		%
Boron	11-1	104.55	105.47	106.82	105.61	1.08	ppb
Boron	10-1	103.95	102.70	106.90	104.52	2.06	ppb
Cadmium	106-1	-5.92	-5.94	-4.55	-5.47		ppb
Cadmium	108-1	-0.06	0.20	0.02	0.05	242.72	ppb
Cadmium	111-1	-0.42	-0.45	-0.33	-0.40		ppb
Calcium	43-1	101902.37	100004.08	100322.32	100742.92	1.01	ppb
Calcium	44-1	100288.06	101078.39	101198.09	100854.85	0.49	ppb
Chromium	52-2	1.23	1.28	1.24	1.25	1.99	ppb
Cobalt	59-2	0.80	0.79	0.64	0.74	12.24	ppb
Copper	63-2	7.80	7.43	7.58	7.60	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				130		%
Holmium	165-2				115		%
Indium	115-1				124		%
Indium	115-2				102		%
Iron	56-2	150.27	151.14	150.36	150.59	0.32	ppb
Iron	57-2	159.50	153.72	138.75	150.66	7.11	ppb
Krypton	83-1						cps
Lead	207-1	0.45	0.39	0.47	0.43	9.47	ppb
Lead	208-1	0.46	0.42	0.40	0.43	7.34	ppb
Lead	206-1	0.50	0.54	0.35	0.47	21.86	ppb
Lithium	6-1				207		%
Magnesium	24-2	10744.15	10758.51	10677.50	10726.72	0.40	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-03	Instrumnet Name :	P8
Client Sample ID :	ST006RW163-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:32:25	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	852.27	867.00	862.64	860.64	0.88	ppb
Molybdenum	94-1	0.73	0.72	0.52	0.66	18.09	ppb
Molybdenum	95-1	1.21	1.23	0.96	1.13	13.47	ppb
Molybdenum	96-1	0.98	1.06	1.07	1.04	4.56	ppb
Molybdenum	97-1	0.96	1.18	0.89	1.01	14.91	ppb
Molybdenum	98-1	1.03	0.90	0.97	0.97	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.13	5.59	5.31	4.64	ppb
Phosphorus	31-2	-15.63	-45.05	45.18	-5.17		ppb
Potassium	39-2	2596.25	2670.68	2624.50	2630.48	1.43	ppb
Rhodium	103-1				112		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				82		%
Selenium	77-2	1.13	-1.93	1.16	0.12	1451.47	ppb
Selenium	78-2	-0.41	2.01	0.10	0.56	225.81	ppb
Selenium	82-1	0.45	2.92	0.91	1.43	92.04	ppb
Silicon	28-1	18345.27	17235.66	16795.13	17458.69	4.58	ppb
Silver	109-1	1.10	0.92	0.76	0.93	18.34	ppb
Silver	107-1	1.09	0.89	0.85	0.94	13.59	ppb
Sodium	23-2	41809.83	41986.20	41971.40	41922.48	0.23	ppb
Strontium	86-1	513.21	526.89	514.63	518.24	1.45	ppb
Strontium	88-1	521.04	527.04	526.73	524.94	0.64	ppb
Sulfur	34-1	3005.58	1686.08	719.17	1803.61	63.64	ppb
Terbium	159-1				127		%
Terbium	159-2				115		%
Thallium	203-1	0.07	0.02	0.05	0.04	64.13	ppb
Thallium	205-1	0.05	0.04	0.08	0.06	38.47	ppb
Tin	118-1	3.21	3.40	3.27	3.29	2.96	ppb
Titanium	47-1	-3.26	-2.96	-3.64	-3.28		ppb
Uranium	238-1	1.01	1.07	1.05	1.04	2.96	ppb
Vanadium	51-2	5.95	6.29	5.81	6.01	4.12	ppb
Yttrium	89-1				114		%
Yttrium	89-2				94		%
Zinc	66-2	22.40	21.08	23.10	22.19	4.64	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-03	Instrumnet Name :	P8
Client Sample ID :	ST006RW163-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:32:25	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.02	0.03	49.20	ppb
Zirconium	91-1	0.04	0.00	0.08	0.04	102.44	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0504-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:35:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	-0.11	2.95	1.43	107.22	ppb
Antimony	121-1	1.81	1.86	1.88	1.85	1.99	ppb
Arsenic	75-1	32.72	31.90	35.96	33.53	6.40	ppb
Barium	135-1	134.50	136.87	133.46	134.94	1.30	ppb
Barium	137-1	136.09	132.22	132.87	133.73	1.55	ppb
Beryllium	9-1	-0.02	-0.02	-0.08	-0.04		ppb
Bismuth	209-1				142		%
Bismuth	209-2				126		%
Boron	11-1	127.52	128.61	125.70	127.28	1.16	ppb
Boron	10-1	127.72	132.78	128.99	129.83	2.03	ppb
Cadmium	106-1	-6.31	-7.16	-6.51	-6.66		ppb
Cadmium	108-1	0.19	0.10	-0.06	0.07	172.64	ppb
Cadmium	111-1	-0.47	-0.53	-0.49	-0.50		ppb
Calcium	43-1	75958.94	75092.74	75648.17	75566.62	0.58	ppb
Calcium	44-1	76971.42	75646.46	76444.88	76354.25	0.87	ppb
Chromium	52-2	1.95	1.93	1.91	1.93	0.94	ppb
Cobalt	59-2	0.49	0.52	0.50	0.50	2.51	ppb
Copper	63-2	6.98	6.11	6.34	6.48	6.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				135		%
Holmium	165-2				118		%
Indium	115-1				126		%
Indium	115-2				101		%
Iron	56-2	507.58	501.27	508.91	505.92	0.81	ppb
Iron	57-2	505.58	501.72	481.68	496.32	2.58	ppb
Krypton	83-1						cps
Lead	207-1	0.23	0.21	0.16	0.20	18.50	ppb
Lead	208-1	0.19	0.18	0.15	0.17	11.88	ppb
Lead	206-1	0.22	0.23	0.20	0.22	9.07	ppb
Lithium	6-1				197		%
Magnesium	24-2	8767.30	8417.46	8513.68	8566.15	2.11	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0504-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:35:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	910.72	896.07	897.51	901.44	0.90	ppb
Molybdenum	94-1	1.39	1.45	1.34	1.40	3.99	ppb
Molybdenum	95-1	2.01	2.03	1.76	1.93	7.94	ppb
Molybdenum	96-1	1.82	1.98	2.05	1.95	6.01	ppb
Molybdenum	97-1	2.04	1.97	2.04	2.01	2.07	ppb
Molybdenum	98-1	2.08	1.95	1.84	1.96	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.90	3.47	3.78	3.72	5.92	ppb
Phosphorus	31-2	18.02	-13.63	-28.68	-8.09		ppb
Potassium	39-2	2734.88	2636.29	2678.57	2683.25	1.84	ppb
Rhodium	103-1				114		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				78		%
Selenium	77-2	-1.93	4.25	1.21	1.18	262.52	ppb
Selenium	78-2	0.58	1.57	1.12	1.09	45.24	ppb
Selenium	82-1	-0.27	3.10	1.53	1.45	115.79	ppb
Silicon	28-1	19457.13	18689.68	18687.97	18944.93	2.34	ppb
Silver	109-1	0.76	0.74	0.52	0.68	19.51	ppb
Silver	107-1	0.82	0.61	0.59	0.67	19.17	ppb
Sodium	23-2	50565.09	49327.87	50160.26	50017.74	1.26	ppb
Strontium	86-1	316.59	316.80	315.00	316.13	0.31	ppb
Strontium	88-1	327.47	323.79	321.25	324.17	0.97	ppb
Sulfur	34-1	9356.72	7343.00	7479.69	8059.80	13.96	ppb
Terbium	159-1				133		%
Terbium	159-2				117		%
Thallium	203-1	0.00	0.01	0.01	0.01	48.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.91	ppb
Tin	118-1	2.93	2.90	2.82	2.89	2.08	ppb
Titanium	47-1	-3.80	-4.55	-3.68	-4.01		ppb
Uranium	238-1	0.62	0.68	0.64	0.65	4.35	ppb
Vanadium	51-2	5.48	6.04	5.61	5.71	5.16	ppb
Yttrium	89-1				114		%
Yttrium	89-2				93		%
Zinc	66-2	5.42	6.17	5.27	5.62	8.57	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0504-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:35:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	42.91	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	60.58	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-05	Instrumnet Name :	P8
Client Sample ID :	ST006MW079-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:39:30	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.40	480.30	506.64	486.11	3.77	ppb
Antimony	121-1	1.71	1.76	1.78	1.75	2.11	ppb
Arsenic	75-1	40.02	41.24	43.49	41.58	4.23	ppb
Barium	135-1	87.21	86.36	90.09	87.88	2.22	ppb
Barium	137-1	87.99	87.46	89.54	88.33	1.22	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	45.99	ppb
Bismuth	209-1				146		%
Bismuth	209-2				125		%
Boron	11-1	205.33	209.55	201.77	205.55	1.89	ppb
Boron	10-1	210.11	202.52	209.74	207.45	2.06	ppb
Cadmium	106-1	-6.77	-4.81	-7.07	-6.22		ppb
Cadmium	108-1	0.33	0.33	0.41	0.35	12.45	ppb
Cadmium	111-1	-0.19	-0.01	-0.28	-0.16		ppb
Calcium	43-1	118740.18	121500.16	122244.62	120828.32	1.53	ppb
Calcium	44-1	118940.62	122876.22	122849.30	121555.38	1.86	ppb
Chromium	52-2	667.01	688.52	674.93	676.82	1.61	ppb
Cobalt	59-2	4.12	4.35	4.15	4.21	2.95	ppb
Copper	63-2	28.47	29.12	28.79	28.80	1.13	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				139		%
Holmium	165-2				117		%
Indium	115-1				127		%
Indium	115-2				99		%
Iron	56-2	1322.42	1364.97	1354.34	1347.24	1.64	ppb
Iron	57-2	1319.88	1365.30	1344.61	1343.26	1.69	ppb
Krypton	83-1						cps
Lead	207-1	0.81	0.95	0.95	0.90	9.39	ppb
Lead	208-1	0.84	0.96	0.92	0.91	6.56	ppb
Lead	206-1	0.96	0.93	1.02	0.97	4.50	ppb
Lithium	6-1				191		%
Magnesium	24-2	12463.86	12791.87	12534.35	12596.69	1.37	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-05	Instrumnet Name :	P8
Client Sample ID :	ST006MW079-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:39:30	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	174.81	178.03	175.10	175.98	1.01	ppb
Molybdenum	94-1	3.10	3.27	3.38	3.25	4.48	ppb
Molybdenum	95-1	3.79	3.80	3.52	3.70	4.26	ppb
Molybdenum	96-1	3.88	3.84	3.75	3.82	1.66	ppb
Molybdenum	97-1	3.78	4.07	3.56	3.81	6.73	ppb
Molybdenum	98-1	3.82	3.88	4.05	3.92	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.55	27.55	28.93	28.35	2.51	ppb
Phosphorus	31-2	78.38	51.17	95.74	75.09	29.92	ppb
Potassium	39-2	4357.45	4525.79	4274.56	4385.93	2.92	ppb
Rhodium	103-1				115		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				78		%
Selenium	77-2	1.18	7.54	7.40	5.38	67.58	ppb
Selenium	78-2	1.09	-0.38	0.10	0.27	275.38	ppb
Selenium	82-1	2.60	2.29	1.63	2.17	22.68	ppb
Silicon	28-1	31546.95	31159.31	32185.08	31630.45	1.64	ppb
Silver	109-1	0.84	0.65	0.60	0.69	18.41	ppb
Silver	107-1	0.76	0.66	0.66	0.69	8.51	ppb
Sodium	23-2	87626.65	90533.82	88717.30	88959.26	1.65	ppb
Strontium	86-1	421.11	428.25	425.85	425.07	0.85	ppb
Strontium	88-1	432.32	440.48	439.14	437.31	1.00	ppb
Sulfur	34-1	42627.80	42800.46	44318.63	43248.96	2.15	ppb
Terbium	159-1				136		%
Terbium	159-2				117		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	2.99	3.25	3.25	3.16	4.76	ppb
Titanium	47-1	4.65	4.59	3.39	4.21	16.93	ppb
Uranium	238-1	2.21	2.20	2.22	2.21	0.48	ppb
Vanadium	51-2	19.15	20.46	19.57	19.73	3.40	ppb
Yttrium	89-1				115		%
Yttrium	89-2				93		%
Zinc	66-2	13.67	13.53	14.83	14.01	5.09	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-05	Instrumnet Name :	P8
Client Sample ID :	ST006MW079-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:39:30	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.45	0.50	0.45	11.39	ppb
Zirconium	91-1	0.51	0.69	0.57	0.59	15.34	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-06	Instrumnet Name :	P8
Client Sample ID :	ST006MW081-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:43:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.15	105.59	89.76	98.17	8.11	ppb
Antimony	121-1	1.64	1.53	1.63	1.60	3.79	ppb
Arsenic	75-1	39.43	38.56	41.30	39.76	3.52	ppb
Barium	135-1	68.88	68.48	69.73	69.03	0.93	ppb
Barium	137-1	70.43	68.80	69.70	69.64	1.17	ppb
Beryllium	9-1	-0.05	0.01	0.02	-0.01		ppb
Bismuth	209-1				147		%
Bismuth	209-2				128		%
Boron	11-1	303.18	297.97	296.75	299.30	1.14	ppb
Boron	10-1	287.94	301.55	306.26	298.58	3.19	ppb
Cadmium	106-1	-4.35	-6.09	-7.44	-5.96		ppb
Cadmium	108-1	0.17	0.16	-0.14	0.06	282.40	ppb
Cadmium	111-1	-0.30	-0.43	-0.56	-0.43		ppb
Calcium	43-1	188241.65	188610.89	190350.53	189067.69	0.60	ppb
Calcium	44-1	186884.24	188878.67	187906.46	187889.79	0.53	ppb
Chromium	52-2	2041.65	2025.52	1997.70	2021.62	1.10	ppb
Cobalt	59-2	4.89	4.94	4.95	4.93	0.71	ppb
Copper	63-2	22.16	22.67	21.42	22.08	2.84	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				142		%
Holmium	165-2				121		%
Indium	115-1				128		%
Indium	115-2				99		%
Iron	56-2	4357.35	4373.46	4215.55	4315.45	2.01	ppb
Iron	57-2	4198.88	4139.57	4055.86	4131.44	1.74	ppb
Krypton	83-1						cps
Lead	207-1	0.34	0.33	0.29	0.32	7.01	ppb
Lead	208-1	0.29	0.28	0.28	0.28	2.47	ppb
Lead	206-1	0.36	0.33	0.34	0.35	4.86	ppb
Lithium	6-1				186		%
Magnesium	24-2	24931.91	24633.81	24234.50	24600.08	1.42	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-06	Instrumnet Name :	P8
Client Sample ID :	ST006MW081-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:43:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	111.45	115.98	111.37	112.94	2.34	ppb
Molybdenum	94-1	5.08	4.67	4.71	4.82	4.71	ppb
Molybdenum	95-1	6.66	6.41	6.67	6.58	2.26	ppb
Molybdenum	96-1	6.32	6.43	6.37	6.37	0.85	ppb
Molybdenum	97-1	6.39	6.69	6.64	6.57	2.44	ppb
Molybdenum	98-1	6.82	6.88	6.43	6.71	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.88	140.56	138.59	140.01	0.88	ppb
Phosphorus	31-2	51.93	19.28	48.80	40.00	45.04	ppb
Potassium	39-2	4332.80	4273.71	4090.80	4232.44	2.98	ppb
Rhodium	103-1				115		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				77		%
Selenium	77-2	-1.93	1.19	4.28	1.18	262.90	ppb
Selenium	78-2	0.14	-1.38	-0.40	-0.55		ppb
Selenium	82-1	3.32	4.79	2.13	3.42	39.02	ppb
Silicon	28-1	29842.94	29946.01	29875.71	29888.22	0.18	ppb
Silver	109-1	0.53	0.51	0.39	0.48	16.39	ppb
Silver	107-1	0.54	0.47	0.43	0.48	11.31	ppb
Sodium	23-2	198147.60	193848.37	194401.52	195465.83	1.20	ppb
Strontium	86-1	695.17	707.38	695.55	699.37	0.99	ppb
Strontium	88-1	707.66	712.53	712.01	710.74	0.38	ppb
Sulfur	34-1	107740.80	108679.29	108253.09	108224.39	0.43	ppb
Terbium	159-1				138		%
Terbium	159-2				120		%
Thallium	203-1	0.02	-0.01	-0.01	0.00	1732.81	ppb
Thallium	205-1	0.01	-0.02	0.00	0.00		ppb
Tin	118-1	2.79	2.81	3.06	2.89	5.28	ppb
Titanium	47-1	-1.95	-2.88	-3.20	-2.68		ppb
Uranium	238-1	2.02	2.00	2.05	2.02	1.25	ppb
Vanadium	51-2	32.23	32.08	31.93	32.08	0.48	ppb
Yttrium	89-1				117		%
Yttrium	89-2				92		%
Zinc	66-2	6.87	6.77	7.19	6.94	3.12	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-06	Instrumnet Name :	P8
Client Sample ID :	ST006MW081-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:43:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.15	0.17	0.15	13.17	ppb
Zirconium	91-1	0.18	0.15	0.15	0.16	10.96	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-08	Instrumnet Name :	P8
Client Sample ID :	ST006RW149-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:46:33	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.99	148.21	135.05	137.75	6.83	ppb
Antimony	121-1	1.54	1.43	1.48	1.48	3.71	ppb
Arsenic	75-1	43.56	43.48	45.65	44.23	2.78	ppb
Barium	135-1	429.22	423.35	425.36	425.98	0.70	ppb
Barium	137-1	431.27	428.00	432.66	430.65	0.56	ppb
Beryllium	9-1	-0.04	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				152		%
Bismuth	209-2				130		%
Boron	11-1	224.85	222.34	221.80	223.00	0.73	ppb
Boron	10-1	219.54	212.79	226.63	219.66	3.15	ppb
Cadmium	106-1	-5.98	-9.10	-8.65	-7.91		ppb
Cadmium	108-1	0.47	0.24	0.01	0.24	97.28	ppb
Cadmium	111-1	-0.37	-0.63	-0.56	-0.52		ppb
Calcium	43-1	76105.23	74794.77	77320.39	76073.46	1.66	ppb
Calcium	44-1	77461.50	75300.68	77899.13	76887.10	1.81	ppb
Chromium	52-2	1.50	1.46	1.52	1.49	2.13	ppb
Cobalt	59-2	0.09	0.08	0.11	0.10	15.83	ppb
Copper	63-2	6.54	6.87	6.54	6.65	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				145		%
Holmium	165-2				121		%
Indium	115-1				127		%
Indium	115-2				99		%
Iron	56-2	2954.59	3001.97	2957.24	2971.27	0.90	ppb
Iron	57-2	2984.09	2924.35	2880.56	2929.67	1.77	ppb
Krypton	83-1						cps
Lead	207-1	6.99	6.75	6.92	6.88	1.80	ppb
Lead	208-1	7.09	7.10	7.02	7.07	0.60	ppb
Lead	206-1	7.47	7.74	7.53	7.58	1.84	ppb
Lithium	6-1				190		%
Magnesium	24-2	10994.32	11299.00	11046.62	11113.31	1.47	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-08	Instrumnet Name :	P8
Client Sample ID :	ST006RW149-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:46:33	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1408.63	1414.73	1400.83	1408.07	0.49	ppb
Molybdenum	94-1	1.39	1.22	1.27	1.29	6.82	ppb
Molybdenum	95-1	1.52	1.62	1.58	1.57	3.18	ppb
Molybdenum	96-1	1.53	1.52	1.74	1.60	7.76	ppb
Molybdenum	97-1	1.46	1.81	1.66	1.65	10.62	ppb
Molybdenum	98-1	1.68	1.57	1.61	1.62	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.26	2.01	2.13	5.71	ppb
Phosphorus	31-2	67.95	21.68	134.68	74.77	75.98	ppb
Potassium	39-2	1889.64	1969.93	1970.60	1943.39	2.40	ppb
Rhodium	103-1				118		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				75		%
Selenium	77-2	1.27	4.42	10.78	5.49	88.22	ppb
Selenium	78-2	0.65	-0.37	0.14	0.14	370.48	ppb
Selenium	82-1	2.11	1.62	0.44	1.39	61.77	ppb
Silicon	28-1	24927.14	23831.85	25098.95	24619.31	2.79	ppb
Silver	109-1	0.43	0.36	0.36	0.38	11.25	ppb
Silver	107-1	0.52	0.44	0.33	0.43	21.67	ppb
Sodium	23-2	83353.83	86031.25	85726.60	85037.23	1.72	ppb
Strontium	86-1	296.09	293.28	297.01	295.46	0.66	ppb
Strontium	88-1	302.71	305.52	306.79	305.01	0.68	ppb
Sulfur	34-1	-3171.15	-4770.86	-3558.89	-3833.64		ppb
Terbium	159-1				140		%
Terbium	159-2				121		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.04		ppb
Tin	118-1	2.37	2.43	2.49	2.43	2.42	ppb
Titanium	47-1	-2.58	-3.50	-3.38	-3.16		ppb
Uranium	238-1	0.06	0.05	0.05	0.06	13.21	ppb
Vanadium	51-2	1.31	1.27	1.31	1.30	2.09	ppb
Yttrium	89-1				117		%
Yttrium	89-2				91		%
Zinc	66-2	28.98	29.70	27.68	28.79	3.55	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-08	Instrumnet Name :	P8
Client Sample ID :	ST006RW149-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:46:33	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.12	0.10	0.13	24.42	ppb
Zirconium	91-1	0.06	0.15	0.16	0.12	44.09	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:51:01	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51024.93	50797.45	49864.38	50562.25	1.22	ppb
Antimony	121-1	446.90	452.95	448.80	449.55	0.69	ppb
Arsenic	75-1	513.19	508.76	507.96	509.97	0.55	ppb
Barium	135-1	2355.08	2397.44	2362.79	2371.77	0.95	ppb
Barium	137-1	2384.84	2402.97	2441.16	2409.66	1.19	ppb
Beryllium	9-1	477.35	473.39	485.12	478.62	1.25	ppb
Bismuth	209-1				141		%
Bismuth	209-2				135		%
Boron	11-1	444.20	451.37	464.54	453.37	2.28	ppb
Boron	10-1	447.23	470.32	467.04	461.53	2.71	ppb
Cadmium	106-1	438.38	433.34	440.48	437.40	0.84	ppb
Cadmium	108-1	448.00	440.66	453.62	447.43	1.45	ppb
Cadmium	111-1	442.39	447.96	443.11	444.49	0.68	ppb
Calcium	43-1	238647.02	235973.75	236978.62	237199.80	0.57	ppb
Calcium	44-1	234699.91	233009.12	234399.39	234036.14	0.39	ppb
Chromium	52-2	525.12	530.11	518.85	524.69	1.07	ppb
Cobalt	59-2	542.16	541.31	530.14	537.87	1.25	ppb
Copper	63-2	1056.03	1051.85	1037.20	1048.36	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				143		%
Holmium	165-2				134		%
Indium	115-1				126		%
Indium	115-2				110		%
Iron	56-2	132775.64	132624.86	131340.76	132247.08	0.60	ppb
Iron	57-2	135928.45	132323.83	132739.91	133664.06	1.48	ppb
Krypton	83-1						cps
Lead	207-1	486.96	495.02	481.37	487.79	1.41	ppb
Lead	208-1	487.13	491.55	479.96	486.21	1.20	ppb
Lead	206-1	485.44	493.76	479.47	486.22	1.48	ppb
Lithium	6-1				123		%
Magnesium	24-2	249209.74	247250.96	245639.70	247366.80	0.72	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:51:01	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.26	1006.16	994.06	1003.83	0.88	ppb
Molybdenum	94-1	2513.33	2492.15	2562.63	2522.70	1.43	ppb
Molybdenum	95-1	2520.26	2504.12	2565.88	2530.09	1.27	ppb
Molybdenum	96-1	2563.23	2546.89	2568.91	2559.68	0.45	ppb
Molybdenum	97-1	2516.72	2507.36	2558.19	2527.42	1.07	ppb
Molybdenum	98-1	2565.29	2534.82	2595.47	2565.19	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.68	537.37	536.20	536.42	0.16	ppb
Phosphorus	31-2	9556.39	9449.61	9805.66	9603.89	1.90	ppb
Potassium	39-2	120357.26	119376.28	117970.29	119234.61	1.01	ppb
Rhodium	103-1				118		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				94		%
Selenium	77-2	446.12	475.73	460.75	460.87	3.21	ppb
Selenium	78-2	485.41	445.81	469.82	467.02	4.27	ppb
Selenium	82-1	480.02	481.74	493.41	485.06	1.50	ppb
Silicon	28-1	-321.67	-342.88	-233.61	-299.39		ppb
Silver	109-1	427.34	433.63	429.10	430.02	0.75	ppb
Silver	107-1	435.30	452.37	440.50	442.73	1.98	ppb
Sodium	23-2	249492.38	247802.12	245634.22	247642.90	0.78	ppb
Strontium	86-1	480.35	480.55	493.56	484.82	1.56	ppb
Strontium	88-1	492.52	494.98	504.58	497.36	1.28	ppb
Sulfur	34-1	12875.49	12467.76	12949.24	12764.16	2.03	ppb
Terbium	159-1				139		%
Terbium	159-2				131		%
Thallium	203-1	485.41	484.56	481.18	483.72	0.46	ppb
Thallium	205-1	496.89	496.14	483.13	492.06	1.57	ppb
Tin	118-1	457.40	462.89	457.89	459.40	0.66	ppb
Titanium	47-1	2421.08	2425.94	2431.13	2426.05	0.21	ppb
Uranium	238-1	529.75	530.63	517.19	525.86	1.43	ppb
Vanadium	51-2	527.94	520.84	516.82	521.87	1.08	ppb
Yttrium	89-1				123		%
Yttrium	89-2				108		%
Zinc	66-2	1024.02	1021.96	1008.73	1018.24	0.81	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:51:01	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.86	500.93	509.97	504.59	0.94	ppb
Zirconium	91-1	496.82	494.54	514.09	501.82	2.13	ppb

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : CCB78 Instrumnet Name : P8
 Client Sample ID : CCB78 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 18:05:51 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.55	0.38	0.18	-1.00		ppb
Antimony	121-1	0.16	0.12	0.10	0.13	22.22	ppb
Arsenic	75-1	0.43	0.31	0.30	0.35	22.06	ppb
Barium	135-1	-0.06	-0.08	-0.07	-0.07		ppb
Barium	137-1	-0.01	-0.03	-0.05	-0.03		ppb
Beryllium	9-1	-0.04	0.09	-0.01	0.01	574.54	ppb
Bismuth	209-1				137		%
Bismuth	209-2				139		%
Boron	11-1	8.74	8.42	7.74	8.30	6.13	ppb
Boron	10-1	9.56	7.63	8.60	8.60	11.27	ppb
Cadmium	106-1	-4.49	-4.57	-4.95	-4.67		ppb
Cadmium	108-1	0.10	-0.14	0.10	0.02	704.89	ppb
Cadmium	111-1	-0.34	-0.34	-0.38	-0.36		ppb
Calcium	43-1	-70.87	-82.33	-66.78	-73.33		ppb
Calcium	44-1	-48.64	-48.91	-47.93	-48.49		ppb
Chromium	52-2	0.04	0.06	-0.02	0.03	142.64	ppb
Cobalt	59-2	-0.18	-0.16	-0.16	-0.16		ppb
Copper	63-2	0.62	0.50	0.48	0.54	13.79	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				133		%
Holmium	165-2				132		%
Indium	115-1				127		%
Indium	115-2				117		%
Iron	56-2	0.70	0.43	0.20	0.44	55.46	ppb
Iron	57-2	0.19	-0.54	-1.07	-0.47		ppb
Krypton	83-1						cps
Lead	207-1	1.07	0.85	0.92	0.95	12.02	ppb
Lead	208-1	0.91	0.86	0.91	0.89	3.05	ppb
Lead	206-1	0.92	0.89	0.89	0.90	2.20	ppb
Lithium	6-1				120		%
Magnesium	24-2	1.06	0.87	0.73	0.89	19.13	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 18:05:51	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.03	-0.07	-0.04		ppb
Molybdenum	94-1	0.08	0.08	0.05	0.07	25.39	ppb
Molybdenum	95-1	0.07	0.06	0.04	0.06	30.58	ppb
Molybdenum	96-1	0.11	0.10	0.08	0.10	19.79	ppb
Molybdenum	97-1	0.12	0.08	0.01	0.07	81.30	ppb
Molybdenum	98-1	0.12	0.08	0.06	0.09	33.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.08	-0.03	-0.04		ppb
Phosphorus	31-2	-35.19	4.46	1.39	-9.78		ppb
Potassium	39-2	27.48	34.59	20.83	27.63	24.90	ppb
Rhodium	103-1				124		%
Rhodium	103-2				118		%
Scandium	45-1				114		%
Scandium	45-2				98		%
Selenium	77-2	-1.93	-1.93	-1.93	-1.93		ppb
Selenium	78-2	0.65	-0.97	1.06	0.25	435.10	ppb
Selenium	82-1	1.29	0.32	3.11	1.58	89.87	ppb
Silicon	28-1	-740.80	-796.86	-856.69	-798.12		ppb
Silver	109-1	0.08	0.06	0.05	0.06	26.68	ppb
Silver	107-1	0.10	0.09	0.04	0.07	40.33	ppb
Sodium	23-2	65.81	71.90	58.35	65.35	10.39	ppb
Strontium	86-1	0.11	0.12	-0.10	0.05	269.48	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-4929.42	-5041.25	-4653.72	-4874.80		ppb
Terbium	159-1				131		%
Terbium	159-2				132		%
Thallium	203-1	0.10	0.13	0.15	0.12	20.25	ppb
Thallium	205-1	0.15	0.10	0.09	0.11	27.70	ppb
Tin	118-1	0.03	0.03	0.05	0.04	17.40	ppb
Titanium	47-1	-2.75	-2.39	-2.57	-2.57		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.01	214.88	ppb
Yttrium	89-1				123		%
Yttrium	89-2				112		%
Zinc	66-2	-0.15	-0.04	0.00	-0.07		ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 18:05:51	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.01	0.02	48.53	ppb
Zirconium	91-1	0.12	0.04	-0.01	0.05	134.16	ppb

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:29:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	65	90	77	16.41	cps
Antimony	121-1	25	58	33	39	44.62	cps
Arsenic	75-1	337	385	430	384	12.09	cps
Barium	135-1	58	50	58	56	8.67	cps
Barium	137-1	50	33	67	50	33.34	cps
Beryllium	9-1	30	37	20	29	29.04	cps
Bismuth	209-1	1145387	1134008	1128641	1136012	0.75	cps
Bismuth	209-2	944262	939514	954282	946019	0.80	cps
Boron	11-1	383	350	342	358	6.15	cps
Boron	10-1	58	83	50	64	27.15	cps
Cadmium	106-1	1417	1534	1425	1458	4.46	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Cadmium	111-1	1018	1083	1008	1036	3.92	cps
Calcium	43-1	2644	2630	2740	2671	2.25	cps
Calcium	44-1	39091	38964	38900	38985	0.25	cps
Chromium	52-2	437	497	400	444	10.98	cps
Cobalt	59-2	300	263	280	281	6.53	cps
Copper	63-2	347	330	367	348	5.28	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	2045531	2013999	2016971	2025500	0.86	cps
Holmium	165-2	1356653	1333734	1345536	1345308	0.85	cps
Indium	115-1	1937908	1923168	1962206	1941094	1.02	cps
Indium	115-2	364834	365025	364428	364762	0.08	cps
Iron	56-2	628	683	717	676	6.64	cps
Iron	57-2	67	44	17	43	58.81	cps
Krypton	83-1	347	420	353	373	10.86	cps
Lead	207-1	194	211	161	189	13.48	cps
Lead	208-1	961	939	872	924	5.01	cps
Lead	206-1	172	194	228	198	14.11	cps
Lithium	6-1	151327	152393	150405	151375	0.66	cps
Magnesium	24-2	58	42	67	56	22.91	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:29:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	30	17	27	33.06	cps
Molybdenum	94-1	75	67	58	67	12.49	cps
Molybdenum	95-1	67	58	42	56	22.91	cps
Molybdenum	96-1	42	42	67	50	28.87	cps
Molybdenum	97-1	42	17	25	28	45.82	cps
Molybdenum	98-1	67	58	75	67	12.49	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43	50	80	58	33.81	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	8378	8311	8586	8425	1.70	cps
Rhodium	103-1	1947526	1910260	1927308	1928365	0.97	cps
Rhodium	103-2	1300862	1316459	1324586	1313969	0.92	cps
Scandium	45-1	1435722	1423813	1418265	1425933	0.63	cps
Scandium	45-2	44524	44581	44347	44484	0.27	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	-1	-50	13	-12	-265.50	cps
Silicon	28-1	7702419	7751491	7745250	7733053	0.35	cps
Silver	109-1	100	117	150	122	20.83	cps
Silver	107-1	58	117	125	100	36.32	cps
Sodium	23-2	8219	8294	8078	8197	1.34	cps
Strontium	86-1	475	500	617	531	14.25	cps
Strontium	88-1	75	83	75	78	6.19	cps
Sulfur	34-1	293611	291366	294417	293131	0.54	cps
Terbium	159-1	2226069	2173135	2160395	2186533	1.59	cps
Terbium	159-2	1372683	1374632	1366349	1371221	0.32	cps
Thallium	203-1	50	92	58	67	33.07	cps
Thallium	205-1	167	100	158	142	25.64	cps
Tin	118-1	150	133	58	114	42.87	cps
Titanium	47-1	4934	5168	4918	5007	2.79	cps
Uranium	238-1	200	175	117	164	26.09	cps
Vanadium	51-2	20	27	27	24	15.75	cps
Yttrium	89-1	2213281	2232706	2220929	2222305	0.44	cps
Yttrium	89-2	283376	282795	283830	283333	0.18	cps
Zinc	66-2	97	97	100	98	1.97	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:29:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	108	142	100	117	18.90	cps
Zirconium	91-1	58	50	75	61	20.83	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:37:29	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180	188	185	184	2.07	cps
Antimony	121-1	4109	4193	4484	4262	4.62	cps
Arsenic	75-1	1092	1159	1099	1117	3.31	cps
Barium	135-1	4493	4526	4618	4545	1.42	cps
Barium	137-1	7778	7661	7628	7689	1.03	cps
Beryllium	9-1	247	283	290	273	8.54	cps
Bismuth	209-1	1131729	1130338	1075361	1112476	2.89	cps
Bismuth	209-2	947138	897172	950628	931646	3.21	cps
Boron	11-1	4418	4718	4801	4645	4.34	cps
Boron	10-1	958	933	825	906	7.83	cps
Cadmium	106-1	1425	1433	1250	1370	7.56	cps
Cadmium	108-1	50	46	50	49	4.95	cps
Cadmium	111-1	1550	1471	1294	1439	9.11	cps
Calcium	43-1	5741	5478	5818	5679	3.14	cps
Calcium	44-1	86986	87785	87674	87482	0.49	cps
Chromium	52-2	1997	1840	1773	1870	6.13	cps
Cobalt	59-2	1483	1517	1523	1508	1.42	cps
Copper	63-2	2370	2317	2354	2347	1.16	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	2044590	1995940	1927410	1989313	2.96	cps
Holmium	165-2	1334813	1270050	1371717	1325527	3.88	cps
Indium	115-1	1950666	1913501	1900540	1921569	1.35	cps
Indium	115-2	364831	343619	362648	357033	3.27	cps
Iron	56-2	27299	28107	27934	27780	1.53	cps
Iron	57-2	717	711	717	715	0.45	cps
Krypton	83-1	337	430	360	376	12.93	cps
Lead	207-1	1067	1111	1045	1074	3.16	cps
Lead	208-1	4595	4701	4595	4630	1.32	cps
Lead	206-1	1139	1261	1100	1167	7.21	cps
Lithium	6-1	147639	147081	142182	145634	2.06	cps
Magnesium	24-2	14391	13565	13632	13863	3.31	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:37:29	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293	307	293	298	2.59	cps
Molybdenum	94-1	3759	4026	4059	3948	4.17	cps
Molybdenum	95-1	5168	5168	5068	5135	1.12	cps
Molybdenum	96-1	5626	5727	5902	5751	2.42	cps
Molybdenum	97-1	3409	3251	3067	3242	5.28	cps
Molybdenum	98-1	8069	8028	7994	8031	0.47	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	413	407	510	443	13.04	cps
Phosphorus	31-2	75	50	67	64	19.92	cps
Potassium	39-2	20149	19481	20065	19898	1.83	cps
Rhodium	103-1	1919012	1871208	1832691	1874304	2.31	cps
Rhodium	103-2	1320095	1236279	1321469	1292615	3.77	cps
Scandium	45-1	1407496	1433680	1423626	1421601	0.93	cps
Scandium	45-2	44544	41585	44049	43393	3.65	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	35	22	31	30	22.54	cps
Selenium	82-1	214	107	192	171	33.02	cps
Silicon	28-1	7593298	7639635	7629611	7620848	0.32	cps
Silver	109-1	2642	2859	2509	2670	6.62	cps
Silver	107-1	2909	2875	2667	2817	4.65	cps
Sodium	23-2	41938	41712	42306	41985	0.71	cps
Strontium	86-1	942	1133	1067	1047	9.29	cps
Strontium	88-1	5360	5335	5435	5376	0.97	cps
Sulfur	34-1	292834	294654	291652	293047	0.52	cps
Terbium	159-1	2223007	2131824	2068680	2141171	3.62	cps
Terbium	159-2	1386975	1298143	1387750	1357623	3.79	cps
Thallium	203-1	1283	1375	1092	1250	11.57	cps
Thallium	205-1	2925	3034	3042	3000	2.17	cps
Tin	118-1	7944	7269	7619	7611	4.44	cps
Titanium	47-1	6293	6243	6685	6407	3.78	cps
Uranium	238-1	3192	3459	3134	3262	5.31	cps
Vanadium	51-2	2950	2710	2904	2855	4.46	cps
Yttrium	89-1	2227689	2210092	2119560	2185780	2.65	cps
Yttrium	89-2	287381	273257	284267	281635	2.63	cps
Zinc	66-2	383	373	317	358	10.05	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:37:29	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3517	3326	3701	3514	5.34	cps
Zirconium	91-1	667	775	733	725	7.54	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:41:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6371	6636	6636	6547	2.34	cps
Antimony	121-1	118717	119775	118675	119056	0.52	cps
Arsenic	75-1	41727	40153	42500	41460	2.89	cps
Barium	135-1	116653	119337	120924	118971	1.81	cps
Barium	137-1	200974	201129	201999	201367	0.27	cps
Beryllium	9-1	14471	14965	14391	14609	2.13	cps
Bismuth	209-1	1141024	1147471	1146765	1145086	0.31	cps
Bismuth	209-2	947162	964673	977201	963012	1.57	cps
Boron	11-1	9495	9987	10054	9845	3.10	cps
Boron	10-1	1892	1984	1784	1886	5.31	cps
Cadmium	106-1	4251	4476	4709	4479	5.12	cps
Cadmium	108-1	2029	2167	2121	2106	3.33	cps
Cadmium	111-1	29547	29228	29257	29344	0.60	cps
Calcium	43-1	36895	36177	36695	36589	1.01	cps
Calcium	44-1	589059	593977	581764	588267	1.04	cps
Chromium	52-2	39920	39633	39870	39808	0.39	cps
Cobalt	59-2	70196	70250	71218	70554	0.81	cps
Copper	63-2	111254	113593	111346	112064	1.18	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	33	33	39	24.74	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	2052151	2070607	2083800	2068853	0.77	cps
Holmium	165-2	1351829	1342911	1397429	1364056	2.14	cps
Indium	115-1	1933467	1962281	1976753	1957501	1.13	cps
Indium	115-2	367654	358474	374671	366933	2.21	cps
Iron	56-2	1410479	1380069	1431613	1407387	1.84	cps
Iron	57-2	35184	34850	34694	34909	0.72	cps
Krypton	83-1	327	327	393	349	11.03	cps
Lead	207-1	46854	47807	46832	47164	1.18	cps
Lead	208-1	211737	211532	210562	211277	0.30	cps
Lead	206-1	52062	51996	51716	51925	0.35	cps
Lithium	6-1	145421	145855	148194	146490	1.02	cps
Magnesium	24-2	145083	147324	146304	146237	0.77	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:41:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27901	27534	28078	27838	1.00	cps
Molybdenum	94-1	207584	208136	207184	207634	0.23	cps
Molybdenum	95-1	256615	256384	258921	257307	0.55	cps
Molybdenum	96-1	289847	280981	285697	285508	1.55	cps
Molybdenum	97-1	159867	155837	160374	158693	1.57	cps
Molybdenum	98-1	408639	408855	413623	410372	0.69	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	19851	20078	20145	20025	0.77	cps
Phosphorus	31-2	667	758	658	694	7.99	cps
Potassium	39-2	72722	71641	71298	71887	1.03	cps
Rhodium	103-1	1892359	1927060	1927973	1915797	1.06	cps
Rhodium	103-2	1316209	1294408	1338838	1316485	1.69	cps
Scandium	45-1	1448378	1447910	1463075	1453121	0.59	cps
Scandium	45-2	43728	43511	45193	44144	2.07	cps
Selenium	77-2	67	77	67	70	8.25	cps
Selenium	78-2	209	191	200	200	4.63	cps
Selenium	82-1	2002	2078	2039	2040	1.88	cps
Silicon	28-1	7655313	7656104	7600919	7637446	0.41	cps
Silver	109-1	125229	124667	122757	124218	1.04	cps
Silver	107-1	130519	133323	129418	131087	1.54	cps
Sodium	23-2	382254	386153	379393	382600	0.89	cps
Strontium	86-1	34887	33968	34328	34394	1.35	cps
Strontium	88-1	293147	294419	293363	293643	0.23	cps
Sulfur	34-1	300369	299043	297544	298985	0.47	cps
Terbium	159-1	2183540	2183707	2233244	2200164	1.30	cps
Terbium	159-2	1380259	1385178	1429200	1398212	1.93	cps
Thallium	203-1	65688	66759	66768	66405	0.94	cps
Thallium	205-1	156846	156624	157680	157050	0.35	cps
Tin	118-1	78899	78549	79856	79101	0.85	cps
Titanium	47-1	83248	82644	83944	83279	0.78	cps
Uranium	238-1	178020	181104	181298	180140	1.02	cps
Vanadium	51-2	28335	29064	28052	28484	1.83	cps
Yttrium	89-1	2202013	2303870	2248076	2251319	2.27	cps
Yttrium	89-2	287651	283507	288231	286463	0.90	cps
Zinc	66-2	15369	15085	15042	15165	1.17	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:41:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	178229	177106	178026	177787	0.34	cps
Zirconium	91-1	38614	39325	38991	38976	0.91	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:45:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16419	16809	17027	16752	1.84	cps
Antimony	121-1	306915	307004	310585	308168	0.68	cps
Arsenic	75-1	106317	107042	106382	106580	0.38	cps
Barium	135-1	300680	304968	309689	305112	1.48	cps
Barium	137-1	514743	521900	524382	520342	0.96	cps
Beryllium	9-1	36821	37161	36857	36946	0.51	cps
Bismuth	209-1	1143695	1213723	1195376	1184264	3.07	cps
Bismuth	209-2	1014326	1013994	1019227	1015849	0.29	cps
Boron	11-1	24798	24989	25090	24959	0.59	cps
Boron	10-1	4818	4751	4776	4782	0.70	cps
Cadmium	106-1	9245	9237	8811	9098	2.73	cps
Cadmium	108-1	5576	5009	5205	5264	5.47	cps
Cadmium	111-1	72244	75311	75031	74195	2.29	cps
Calcium	43-1	90083	88664	88835	89194	0.87	cps
Calcium	44-1	1463946	1460231	1457228	1460469	0.23	cps
Chromium	52-2	101207	102284	100887	101459	0.72	cps
Cobalt	59-2	180692	177776	178406	178958	0.86	cps
Copper	63-2	285068	282728	280928	282908	0.73	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	2027672	2171525	2130016	2109738	3.51	cps
Holmium	165-2	1432705	1446307	1440260	1439757	0.47	cps
Indium	115-1	1912075	2075714	2026023	2004604	4.19	cps
Indium	115-2	379887	382067	381773	381242	0.31	cps
Iron	56-2	3569387	3598192	3586018	3584532	0.40	cps
Iron	57-2	88284	88653	87591	88176	0.61	cps
Krypton	83-1	427	390	360	392	8.51	cps
Lead	207-1	123042	123405	122005	122817	0.59	cps
Lead	208-1	551324	554609	549648	551860	0.46	cps
Lead	206-1	134282	136449	135400	135377	0.80	cps
Lithium	6-1	144591	150585	149626	148267	2.17	cps
Magnesium	24-2	372124	367950	367513	369195	0.69	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:45:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70282	70742	70534	70519	0.33	cps
Molybdenum	94-1	534407	541827	544220	540151	0.95	cps
Molybdenum	95-1	658637	667751	667652	664680	0.79	cps
Molybdenum	96-1	725161	731781	745190	734044	1.39	cps
Molybdenum	97-1	400924	402351	408270	403848	0.96	cps
Molybdenum	98-1	1055988	1046165	1065042	1055732	0.89	cps
Neodymium	150-1	33	20	13	22	45.85	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	51428	51017	51485	51310	0.50	cps
Phosphorus	31-2	1734	1625	1792	1717	4.93	cps
Potassium	39-2	171104	168060	166777	168647	1.32	cps
Rhodium	103-1	1847355	1988796	1968385	1934846	3.95	cps
Rhodium	103-2	1370862	1358769	1358363	1362665	0.52	cps
Scandium	45-1	1424700	1500013	1488568	1471094	2.76	cps
Scandium	45-2	45102	45049	44935	45029	0.19	cps
Selenium	77-2	173	237	157	189	22.34	cps
Selenium	78-2	532	559	524	538	3.45	cps
Selenium	82-1	5255	5095	5308	5219	2.12	cps
Silicon	28-1	7708169	7763488	7762961	7744873	0.41	cps
Silver	109-1	320963	320353	318626	319981	0.38	cps
Silver	107-1	338741	334716	339088	337515	0.72	cps
Sodium	23-2	957041	950498	953278	953606	0.34	cps
Strontium	86-1	90080	88185	86751	88339	1.89	cps
Strontium	88-1	747593	752395	760277	753421	0.85	cps
Sulfur	34-1	306006	300457	303232	303232	0.91	cps
Terbium	159-1	2189807	2328609	2318821	2279079	3.40	cps
Terbium	159-2	1464245	1473037	1485465	1474249	0.72	cps
Thallium	203-1	172305	175931	174335	174190	1.04	cps
Thallium	205-1	408032	407886	404992	406970	0.42	cps
Tin	118-1	201051	200915	200332	200766	0.19	cps
Titanium	47-1	204564	207462	207685	206570	0.84	cps
Uranium	238-1	473991	486361	478622	479658	1.30	cps
Vanadium	51-2	73227	72989	73663	73293	0.47	cps
Yttrium	89-1	2150020	2315202	2303704	2256309	4.09	cps
Yttrium	89-2	299905	298313	298595	298938	0.28	cps
Zinc	66-2	39269	39433	39550	39417	0.36	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:45:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	454319	453978	457937	455411	0.48	cps
Zirconium	91-1	101284	99345	102914	101181	1.77	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 15:49:20 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33247	33533	32931	33237	0.91	cps
Antimony	121-1	635124	623517	626254	628298	0.97	cps
Arsenic	75-1	213948	212462	212310	212907	0.43	cps
Barium	135-1	625328	627782	630381	627830	0.40	cps
Barium	137-1	1095490	1072651	1075421	1081187	1.15	cps
Beryllium	9-1	74073	74880	74029	74327	0.64	cps
Bismuth	209-1	1239314	1242295	1232235	1237948	0.42	cps
Bismuth	209-2	1036925	1032990	1034301	1034739	0.19	cps
Boron	11-1	48567	49570	50156	49431	1.63	cps
Boron	10-1	9479	10388	9429	9765	5.53	cps
Cadmium	106-1	16886	16260	16978	16708	2.34	cps
Cadmium	108-1	10413	10342	10838	10531	2.55	cps
Cadmium	111-1	149659	151706	147833	149733	1.29	cps
Calcium	43-1	179022	177565	175609	177398	0.97	cps
Calcium	44-1	2877638	2866987	2875103	2873243	0.19	cps
Chromium	52-2	201206	202070	200284	201186	0.44	cps
Cobalt	59-2	354279	349967	352132	352126	0.61	cps
Copper	63-2	563341	563035	561679	562685	0.16	cps
Dysprosium	156-1	25	25	33	28	17.33	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	2202611	2197249	2174800	2191553	0.67	cps
Holmium	165-2	1468520	1463679	1470072	1467424	0.23	cps
Indium	115-1	2097247	2072275	2056175	2075232	1.00	cps
Indium	115-2	383867	383614	382825	383435	0.14	cps
Iron	56-2	7033552	7007513	7056066	7032377	0.35	cps
Iron	57-2	174316	175108	176240	175221	0.55	cps
Krypton	83-1	320	380	363	354	8.74	cps
Lead	207-1	258929	252156	254172	255086	1.36	cps
Lead	208-1	1155440	1133940	1142683	1144021	0.95	cps
Lead	206-1	285660	281737	284327	283908	0.70	cps
Lithium	6-1	149589	151051	150455	150365	0.49	cps
Magnesium	24-2	727340	738544	731576	732486	0.77	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:49:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	139886	139640	139435	139653	0.16	cps
Molybdenum	94-1	1099330	1104517	1097117	1100321	0.35	cps
Molybdenum	95-1	1359974	1388206	1368991	1372391	1.05	cps
Molybdenum	96-1	1550562	1542304	1531018	1541295	0.64	cps
Molybdenum	97-1	841222	831482	833044	835249	0.63	cps
Molybdenum	98-1	2218941	2183377	2201350	2201222	0.81	cps
Neodymium	150-1	33	20	60	38	53.92	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	101345	101957	101487	101597	0.32	cps
Phosphorus	31-2	3759	3542	3542	3615	3.46	cps
Potassium	39-2	325683	328395	325079	326386	0.54	cps
Rhodium	103-1	2008099	1988244	2003833	2000059	0.52	cps
Rhodium	103-2	1371544	1360338	1368277	1366720	0.42	cps
Scandium	45-1	1500951	1498294	1516116	1505121	0.64	cps
Scandium	45-2	44574	44845	44474	44631	0.43	cps
Selenium	77-2	280	350	363	331	13.52	cps
Selenium	78-2	1109	1085	1067	1087	1.96	cps
Selenium	82-1	10860	10789	10831	10827	0.33	cps
Silicon	28-1	7893199	7954706	7911303	7919736	0.40	cps
Silver	109-1	649089	655055	647837	650661	0.59	cps
Silver	107-1	674880	686134	681474	680829	0.83	cps
Sodium	23-2	1903504	1908061	1877413	1896326	0.87	cps
Strontium	86-1	180656	181164	179897	180572	0.35	cps
Strontium	88-1	1565274	1565400	1574254	1568310	0.33	cps
Sulfur	34-1	318660	314553	313474	315563	0.87	cps
Terbium	159-1	2360458	2342889	2360489	2354612	0.43	cps
Terbium	159-2	1504577	1503760	1497838	1502059	0.24	cps
Thallium	203-1	361192	359845	356514	359184	0.67	cps
Thallium	205-1	843451	849268	849033	847251	0.39	cps
Tin	118-1	412822	414476	408747	412015	0.72	cps
Titanium	47-1	411581	412439	415420	413146	0.49	cps
Uranium	238-1	1003363	992106	1002922	999464	0.64	cps
Vanadium	51-2	148781	147860	145083	147241	1.31	cps
Yttrium	89-1	2356514	2363873	2319114	2346500	1.02	cps
Yttrium	89-2	298952	299163	299998	299371	0.18	cps
Zinc	66-2	77361	78239	76292	77297	1.26	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:49:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	924685	936646	934574	931968	0.69	cps
Zirconium	91-1	203405	208172	209103	206893	1.48	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:53:12	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65805	65659	64579	65348	1.03	cps
Antimony	121-1	1281393	1293534	1301773	1292233	0.79	cps
Arsenic	75-1	431670	431896	432302	431956	0.07	cps
Barium	135-1	1282680	1289964	1293540	1288728	0.43	cps
Barium	137-1	2227792	2215262	2216344	2219799	0.31	cps
Beryllium	9-1	149536	148160	149735	149144	0.58	cps
Bismuth	209-1	1247356	1264263	1269180	1260266	0.91	cps
Bismuth	209-2	1042994	1050410	1041749	1045051	0.45	cps
Boron	11-1	98219	98159	99897	98758	1.00	cps
Boron	10-1	19155	18746	19480	19127	1.92	cps
Cadmium	106-1	33334	31772	32549	32552	2.40	cps
Cadmium	108-1	21079	21050	21997	21376	2.52	cps
Cadmium	111-1	302341	303941	301310	302531	0.44	cps
Calcium	43-1	352502	353545	358602	354883	0.92	cps
Calcium	44-1	5673994	5684946	5657137	5672025	0.25	cps
Chromium	52-2	402204	403459	403282	402982	0.17	cps
Cobalt	59-2	709468	710842	703484	707931	0.55	cps
Copper	63-2	1136038	1135534	1118006	1129859	0.91	cps
Dysprosium	156-1	17	50	8	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	2306331	2285475	2249728	2280511	1.26	cps
Holmium	165-2	1485730	1497342	1502046	1495039	0.56	cps
Indium	115-1	2085581	2074807	2068809	2076399	0.41	cps
Indium	115-2	377536	386152	381159	381615	1.13	cps
Iron	56-2	14230169	14126025	14245276	14200490	0.46	cps
Iron	57-2	353646	355555	358183	355795	0.64	cps
Krypton	83-1	400	397	423	407	3.57	cps
Lead	207-1	517563	518329	525596	520496	0.85	cps
Lead	208-1	2317805	2336360	2342646	2332271	0.55	cps
Lead	206-1	571590	578796	575555	575314	0.63	cps
Lithium	6-1	148358	149243	150327	149309	0.66	cps
Magnesium	24-2	1460914	1476503	1456911	1464776	0.71	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:53:12	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	284325	283775	281425	283175	0.54	cps
Molybdenum	94-1	2230548	2298552	2275596	2268232	1.53	cps
Molybdenum	95-1	2781850	2813723	2844643	2813405	1.12	cps
Molybdenum	96-1	3090535	3103752	3166388	3120225	1.30	cps
Molybdenum	97-1	1694641	1717869	1720599	1711036	0.83	cps
Molybdenum	98-1	4358232	4456922	4429752	4414969	1.15	cps
Neodymium	150-1	40	60	67	56	24.98	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	204787	205378	203086	204417	0.58	cps
Phosphorus	31-2	7310	7644	7244	7399	2.90	cps
Potassium	39-2	646571	651797	643399	647256	0.66	cps
Rhodium	103-1	1984417	1985938	2000721	1990359	0.45	cps
Rhodium	103-2	1364560	1366105	1364988	1365218	0.06	cps
Scandium	45-1	1472461	1501567	1511177	1495068	1.35	cps
Scandium	45-2	44855	45504	44497	44952	1.14	cps
Selenium	77-2	643	613	597	618	3.83	cps
Selenium	78-2	2228	2269	2195	2230	1.66	cps
Selenium	82-1	21893	21575	21545	21671	0.89	cps
Silicon	28-1	8217729	8262773	8297819	8259440	0.49	cps
Silver	109-1	1310869	1317989	1325966	1318274	0.57	cps
Silver	107-1	1371214	1377839	1396944	1381999	0.97	cps
Sodium	23-2	3707730	3656077	3750451	3704753	1.28	cps
Strontium	86-1	370348	367175	369612	369045	0.45	cps
Strontium	88-1	3250897	3202842	3146323	3200021	1.64	cps
Sulfur	34-1	352590	351082	349587	351086	0.43	cps
Terbium	159-1	2387699	2400564	2414934	2401065	0.57	cps
Terbium	159-2	1521519	1521783	1517261	1520188	0.17	cps
Thallium	203-1	742107	738653	727670	736143	1.02	cps
Thallium	205-1	1760695	1752071	1740516	1751094	0.58	cps
Tin	118-1	836208	842705	828765	835893	0.83	cps
Titanium	47-1	822922	829547	834330	828933	0.69	cps
Uranium	238-1	2083158	2084248	2082690	2083365	0.04	cps
Vanadium	51-2	293988	295663	298538	296063	0.78	cps
Yttrium	89-1	2385388	2412143	2416741	2404757	0.70	cps
Yttrium	89-2	300246	301968	304420	302211	0.69	cps
Zinc	66-2	153829	154729	153917	154158	0.32	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:53:12	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1940338	1933616	1931582	1935179	0.24	cps
Zirconium	91-1	414248	422128	418704	418360	0.94	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:57:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125798	127033	126463	126431	0.49	cps
Antimony	121-1	2625199	2572249	2610940	2602796	1.05	cps
Arsenic	75-1	845026	856565	859306	853632	0.89	cps
Barium	135-1	2590959	2576695	2559365	2575673	0.61	cps
Barium	137-1	4417028	4339215	4406845	4387696	0.96	cps
Beryllium	9-1	284610	284056	284617	284427	0.11	cps
Bismuth	209-1	1252745	1252872	1255373	1253663	0.12	cps
Bismuth	209-2	1020773	1030901	1026722	1026132	0.50	cps
Boron	11-1	188979	191806	193944	191576	1.30	cps
Boron	10-1	35779	36372	37166	36439	1.91	cps
Cadmium	106-1	62362	63776	64857	63665	1.97	cps
Cadmium	108-1	43219	43621	43123	43321	0.61	cps
Cadmium	111-1	605510	607137	611052	607900	0.47	cps
Calcium	43-1	684697	690319	688839	687951	0.42	cps
Calcium	44-1	10999718	11082085	11065095	11048966	0.39	cps
Chromium	52-2	772708	780069	767809	773528	0.80	cps
Cobalt	59-2	1348880	1357454	1373844	1360059	0.93	cps
Copper	63-2	2200414	2196492	2233015	2209974	0.91	cps
Dysprosium	156-1	50	58	42	50	16.67	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	2302480	2294132	2319754	2305455	0.57	cps
Holmium	165-2	1470660	1499585	1499032	1489759	1.11	cps
Indium	115-1	2080648	2062807	2059080	2067511	0.56	cps
Indium	115-2	370441	374671	375277	373463	0.71	cps
Iron	56-2	26852332	27242646	27064251	27053077	0.72	cps
Iron	57-2	678764	688739	686792	684765	0.77	cps
Krypton	83-1	377	323	383	361	9.11	cps
Lead	207-1	1035958	1027529	1048209	1037232	1.00	cps
Lead	208-1	4685885	4679086	4729649	4698206	0.58	cps
Lead	206-1	1146675	1147681	1158017	1150791	0.55	cps
Lithium	6-1	146395	146498	146128	146341	0.13	cps
Magnesium	24-2	2784834	2748184	2776253	2769757	0.69	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:57:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	546512	549702	541904	546040	0.72	cps
Molybdenum	94-1	4489312	4435487	4489869	4471556	0.70	cps
Molybdenum	95-1	5568925	5524103	5502290	5531773	0.61	cps
Molybdenum	96-1	6109551	6077498	6037101	6074717	0.60	cps
Molybdenum	97-1	3386725	3377770	3354791	3373095	0.49	cps
Molybdenum	98-1	8760050	8702791	8579899	8680913	1.06	cps
Neodymium	150-1	140	120	107	122	13.73	cps
Neodymium	150-2	17	0	7	8	107.84	cps
Nickel	60-2	388063	386475	387866	387468	0.22	cps
Phosphorus	31-2	13315	13148	13874	13446	2.83	cps
Potassium	39-2	1230735	1243417	1243145	1239099	0.58	cps
Rhodium	103-1	1995154	1984936	1999515	1993202	0.38	cps
Rhodium	103-2	1361705	1349353	1327024	1346028	1.31	cps
Scandium	45-1	1497181	1505456	1510173	1504270	0.44	cps
Scandium	45-2	44072	44758	44704	44512	0.86	cps
Selenium	77-2	1103	1240	1287	1210	7.87	cps
Selenium	78-2	4243	4232	4164	4213	1.02	cps
Selenium	82-1	42900	42536	42982	42806	0.55	cps
Silicon	28-1	8838209	8848085	8875686	8853993	0.22	cps
Silver	109-1	2761731	2749556	2748851	2753379	0.26	cps
Silver	107-1	2841789	2826551	2868679	2845673	0.75	cps
Sodium	23-2	7019829	7084009	7023538	7042459	0.51	cps
Strontium	86-1	735970	743594	737713	739092	0.54	cps
Strontium	88-1	6248371	6342802	6298398	6296524	0.75	cps
Sulfur	34-1	434298	430777	431792	432289	0.42	cps
Terbium	159-1	2442362	2418409	2436573	2432448	0.51	cps
Terbium	159-2	1498962	1526880	1501141	1508994	1.03	cps
Thallium	203-1	1457829	1473661	1480093	1470528	0.78	cps
Thallium	205-1	3484865	3468072	3478959	3477298	0.24	cps
Tin	118-1	1657724	1702719	1669035	1676493	1.40	cps
Titanium	47-1	1648159	1678764	1664386	1663769	0.92	cps
Uranium	238-1	4098513	4061529	4078812	4079618	0.45	cps
Vanadium	51-2	572543	577818	570069	573477	0.69	cps
Yttrium	89-1	2409566	2449271	2421845	2426894	0.84	cps
Yttrium	89-2	299989	302347	298249	300195	0.69	cps
Zinc	66-2	301648	303689	303100	302813	0.35	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 15:57:00	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3778351	3849123	3824356	3817276	0.94	cps
Zirconium	91-1	828460	842527	840431	837140	0.91	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:00:40	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	703370	703789	700117	702425	0.29	cps
Antimony	121-1	2909	2709	2842	2820	3.61	cps
Arsenic	75-1	1988	1682	1852	1841	8.31	cps
Barium	135-1	217	317	325	286	21.07	cps
Barium	137-1	592	600	475	556	12.58	cps
Beryllium	9-1	63	60	57	60	5.55	cps
Bismuth	209-1	1179759	1179871	1173508	1177713	0.31	cps
Bismuth	209-2	1009515	1010499	1019132	1013049	0.52	cps
Boron	11-1	4484	4109	3842	4145	7.78	cps
Boron	10-1	725	700	658	694	4.85	cps
Cadmium	106-1	1684	1433	1575	1564	8.02	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Cadmium	111-1	1184	1046	1146	1125	6.33	cps
Calcium	43-1	3561680	3608557	3580224	3583487	0.66	cps
Calcium	44-1	56561699	57767831	57538561	57289364	1.12	cps
Chromium	52-2	6345	6328	6582	6418	2.21	cps
Cobalt	59-2	16900	17211	17037	17050	0.91	cps
Copper	63-2	5234	5271	4621	5042	7.24	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	17	30	37	28	36.66	cps
Holmium	165-1	2213385	2246662	2233143	2231063	0.75	cps
Holmium	165-2	1543351	1516660	1546405	1535472	1.07	cps
Indium	115-1	2036204	2050892	2043445	2043514	0.36	cps
Indium	115-2	393357	391054	389989	391467	0.44	cps
Iron	56-2	145062781	143745642	145133709	144647377	0.54	cps
Iron	57-2	3650629	3635629	3667759	3651339	0.44	cps
Krypton	83-1	390	407	370	389	4.72	cps
Lead	207-1	2039	2128	2139	2102	2.61	cps
Lead	208-1	9079	9652	9279	9337	3.11	cps
Lead	206-1	2184	2478	2450	2371	6.86	cps
Lithium	6-1	139238	140778	143386	141134	1.49	cps
Magnesium	24-2	14375878	14543197	14481240	14466772	0.58	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:00:40	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2180	2300	2190	2224	3.00	cps
Molybdenum	94-1	2142	2000	2150	2097	4.02	cps
Molybdenum	95-1	3076	2875	3284	3078	6.64	cps
Molybdenum	96-1	3709	3759	3667	3712	1.24	cps
Molybdenum	97-1	2000	1875	1750	1875	6.67	cps
Molybdenum	98-1	4968	4851	4318	4712	7.36	cps
Neodymium	150-1	47	33	67	49	34.32	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	5188	5198	5244	5210	0.58	cps
Phosphorus	31-2	50	8	33	31	68.64	cps
Potassium	39-2	6815051	6840335	6799027	6818138	0.31	cps
Rhodium	103-1	1932250	1900856	1907205	1913437	0.87	cps
Rhodium	103-2	1336683	1326313	1330453	1331150	0.39	cps
Scandium	45-1	1510314	1519319	1525778	1518470	0.51	cps
Scandium	45-2	47520	47273	47135	47309	0.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	13	11	10	26.93	cps
Selenium	82-1	22	-2	61	27	116.26	cps
Silicon	28-1	7938776	7984366	8049481	7990874	0.70	cps
Silver	109-1	408	417	625	483	25.40	cps
Silver	107-1	600	442	550	531	15.25	cps
Sodium	23-2	37367829	37237434	37134514	37246593	0.31	cps
Strontium	86-1	3451	3692	3617	3587	3.45	cps
Strontium	88-1	26853	26518	26268	26546	1.11	cps
Sulfur	34-1	246734	250191	252108	249678	1.09	cps
Terbium	159-1	2394136	2379409	2366065	2379870	0.59	cps
Terbium	159-2	1577911	1527480	1592494	1565962	2.18	cps
Thallium	203-1	117	100	67	94	26.96	cps
Thallium	205-1	300	317	258	292	10.30	cps
Tin	118-1	958	1042	992	997	4.21	cps
Titanium	47-1	4968	5110	5210	5096	2.38	cps
Uranium	238-1	175	158	175	169	5.68	cps
Vanadium	51-2	120	87	127	111	19.29	cps
Yttrium	89-1	2384027	2343409	2378019	2368485	0.93	cps
Yttrium	89-2	314633	312142	313997	313591	0.41	cps
Zinc	66-2	3027	2897	2884	2936	2.70	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:00:40	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	900	825	1108	945	15.54	cps
Zirconium	91-1	350	317	200	289	27.26	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:08:36 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3636	3629	3611	3626	0.35	cps
Antimony	121-1	465445	470853	469664	468654	0.61	cps
Arsenic	75-1	163866	164743	163528	164046	0.38	cps
Barium	135-1	46951	47077	47511	47180	0.62	cps
Barium	137-1	82131	81460	82179	81923	0.49	cps
Beryllium	9-1	27583	27039	27907	27510	1.60	cps
Bismuth	209-1	1178527	1185358	1193639	1185841	0.64	cps
Bismuth	209-2	1032688	1017627	1022114	1024143	0.76	cps
Boron	11-1	99100	101097	104093	101430	2.48	cps
Boron	10-1	19189	19873	20023	19695	2.26	cps
Cadmium	106-1	10138	10838	10696	10557	3.51	cps
Cadmium	108-1	5672	5735	5522	5643	1.94	cps
Cadmium	111-1	57875	60292	59785	59317	2.15	cps
Calcium	43-1	17194	17421	17354	17323	0.67	cps
Calcium	44-1	269347	267216	271067	269210	0.72	cps
Chromium	52-2	79300	77265	79021	78529	1.40	cps
Cobalt	59-2	140332	141059	139729	140373	0.47	cps
Copper	63-2	114675	112679	111557	112970	1.40	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	2132363	2117878	2140084	2130108	0.53	cps
Holmium	165-2	1468770	1437594	1441881	1449415	1.17	cps
Indium	115-1	2035485	2048842	2037910	2040746	0.35	cps
Indium	115-2	399616	387303	383302	390074	2.18	cps
Iron	56-2	559720	554873	556151	556915	0.45	cps
Iron	57-2	14480	13763	14013	14085	2.59	cps
Krypton	83-1	333	347	413	364	11.76	cps
Lead	207-1	186503	187639	185699	186614	0.52	cps
Lead	208-1	846658	855260	850934	850951	0.51	cps
Lead	206-1	214227	216546	214257	215010	0.62	cps
Lithium	6-1	150193	150986	151858	151012	0.55	cps
Magnesium	24-2	34969	34718	33749	34479	1.87	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:08:36	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27401	27120	26626	27049	1.45	cps
Molybdenum	94-1	2274962	2251313	2238979	2255085	0.81	cps
Molybdenum	95-1	2864422	2885379	2875883	2875228	0.36	cps
Molybdenum	96-1	3177546	3143757	3200294	3173866	0.90	cps
Molybdenum	97-1	1758188	1740210	1745547	1747982	0.53	cps
Molybdenum	98-1	4477461	4439410	4520372	4479081	0.90	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40837	40800	40576	40737	0.35	cps
Phosphorus	31-2	25	8	50	28	75.51	cps
Potassium	39-2	62122	62314	60824	61753	1.31	cps
Rhodium	103-1	2009324	2010974	2042779	2021026	0.93	cps
Rhodium	103-2	1432886	1403088	1396173	1410716	1.38	cps
Scandium	45-1	1502641	1506286	1529737	1512888	0.97	cps
Scandium	45-2	47002	46918	45801	46574	1.44	cps
Selenium	77-2	267	243	253	254	4.60	cps
Selenium	78-2	874	859	807	847	4.13	cps
Selenium	82-1	8190	8226	8275	8230	0.51	cps
Silicon	28-1	8117856	8140219	8130802	8129626	0.14	cps
Silver	109-1	248688	248743	250016	249149	0.30	cps
Silver	107-1	260892	263882	264634	263136	0.75	cps
Sodium	23-2	166469	163985	163952	164802	0.88	cps
Strontium	86-1	337280	337779	337781	337613	0.09	cps
Strontium	88-1	2953573	2982272	2953109	2962985	0.56	cps
Sulfur	34-1	254012	249896	249862	251257	0.95	cps
Terbium	159-1	2259325	2291397	2327332	2292685	1.48	cps
Terbium	159-2	1502762	1482288	1479713	1488254	0.85	cps
Thallium	203-1	269417	270018	272168	270534	0.53	cps
Thallium	205-1	630248	640034	639841	636708	0.88	cps
Tin	118-1	736405	744346	737322	739357	0.59	cps
Titanium	47-1	812208	810656	809144	810669	0.19	cps
Uranium	238-1	1783164	1801370	1795613	1793382	0.52	cps
Vanadium	51-2	57012	56932	57023	56989	0.09	cps
Yttrium	89-1	2347832	2370698	2396344	2371625	1.02	cps
Yttrium	89-2	314866	305671	306275	308937	1.66	cps
Zinc	66-2	30444	30718	30531	30564	0.46	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:08:36	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1771890	1773515	1791187	1778864	0.60	cps
Zirconium	91-1	386047	387204	389737	387663	0.49	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:12:09 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	90	50	67	31.22	cps
Antimony	121-1	217	167	150	178	19.52	cps
Arsenic	75-1	427	385	372	394	7.29	cps
Barium	135-1	42	17	17	25	57.73	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	23	17	33	24	34.31	cps
Bismuth	209-1	1196201	1221200	1212243	1209881	1.05	cps
Bismuth	209-2	1012653	1012754	1021620	1015675	0.51	cps
Boron	11-1	2884	2767	2409	2686	9.22	cps
Boron	10-1	458	500	433	464	7.26	cps
Cadmium	106-1	1567	1342	1475	1461	7.74	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Cadmium	111-1	1101	949	1032	1027	7.41	cps
Calcium	43-1	2434	2690	2757	2627	6.50	cps
Calcium	44-1	41107	41334	41381	41274	0.36	cps
Chromium	52-2	347	410	440	399	11.95	cps
Cobalt	59-2	180	197	163	180	9.26	cps
Copper	63-2	540	520	400	487	15.56	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	2153575	2168389	2136058	2152674	0.75	cps
Holmium	165-2	1440772	1427229	1442469	1436823	0.58	cps
Indium	115-1	2061106	2096417	2042967	2066830	1.32	cps
Indium	115-2	387940	386675	385229	386615	0.35	cps
Iron	56-2	600	528	689	606	13.33	cps
Iron	57-2	28	50	22	33	44.10	cps
Krypton	83-1	327	363	337	342	5.54	cps
Lead	207-1	328	339	378	348	7.54	cps
Lead	208-1	1472	1517	1606	1532	4.43	cps
Lead	206-1	394	372	394	387	3.31	cps
Lithium	6-1	148829	150924	148814	149522	0.81	cps
Magnesium	24-2	33	50	25	36	35.25	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:12:09 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	0	20	9	114.55	cps
Molybdenum	94-1	133	142	133	136	3.53	cps
Molybdenum	95-1	192	83	58	111	63.79	cps
Molybdenum	96-1	217	150	125	164	28.91	cps
Molybdenum	97-1	92	58	92	81	23.89	cps
Molybdenum	98-1	200	175	125	167	22.91	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	37	37	34	11.18	cps
Phosphorus	31-2	50	25	17	31	56.77	cps
Potassium	39-2	9254	9220	9212	9228	0.24	cps
Rhodium	103-1	2009840	2058776	2047195	2038604	1.25	cps
Rhodium	103-2	1401962	1381810	1391343	1391705	0.72	cps
Scandium	45-1	1502372	1540566	1507276	1516738	1.37	cps
Scandium	45-2	45527	45564	45751	45614	0.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	4	11	9	52.94	cps
Selenium	82-1	10	-5	2	2	355.03	cps
Silicon	28-1	7990486	7975230	8026922	7997546	0.33	cps
Silver	109-1	192	217	267	225	16.97	cps
Silver	107-1	300	425	308	344	20.29	cps
Sodium	23-2	14600	14324	15234	14719	3.17	cps
Strontium	86-1	433	633	508	525	19.24	cps
Strontium	88-1	67	58	25	50	44.10	cps
Sulfur	34-1	249201	247938	251990	249710	0.83	cps
Terbium	159-1	2307125	2303498	2276468	2295697	0.73	cps
Terbium	159-2	1477409	1467042	1469994	1471482	0.36	cps
Thallium	203-1	33	67	67	56	34.65	cps
Thallium	205-1	142	208	175	175	19.05	cps
Tin	118-1	175	183	200	186	6.84	cps
Titanium	47-1	5443	4984	5401	5276	4.81	cps
Uranium	238-1	33	58	83	58	42.86	cps
Vanadium	51-2	23	23	13	20	28.87	cps
Yttrium	89-1	2393360	2409877	2370455	2391231	0.83	cps
Yttrium	89-2	306156	303953	300930	303680	0.86	cps
Zinc	66-2	107	100	83	97	12.43	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:12:09	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	150	242	225	206	23.75	cps
Zirconium	91-1	100	142	117	119	17.56	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:15:44 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583784	580860	575993	580212	0.68	cps
Antimony	121-1	3017	3025	2750	2931	5.34	cps
Arsenic	75-1	1978	2192	2119	2096	5.19	cps
Barium	135-1	667	775	833	758	11.15	cps
Barium	137-1	1283	1525	1117	1308	15.69	cps
Beryllium	9-1	123	80	110	104	21.25	cps
Bismuth	209-1	1204007	1208354	1205924	1206095	0.18	cps
Bismuth	209-2	999464	1007238	1029077	1011926	1.52	cps
Boron	11-1	2092	2359	1984	2145	9.00	cps
Boron	10-1	342	300	308	317	6.96	cps
Cadmium	106-1	1525	1592	1408	1508	6.15	cps
Cadmium	108-1	388	404	375	389	3.76	cps
Cadmium	111-1	1255	1327	1228	1270	4.06	cps
Calcium	43-1	650636	657605	663348	657196	0.97	cps
Calcium	44-1	10550582	10454135	10802621	10602446	1.70	cps
Chromium	52-2	16156	15445	15969	15857	2.32	cps
Cobalt	59-2	1620	1690	1603	1638	2.81	cps
Copper	63-2	9513	10020	9510	9681	3.03	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	2220430	2217048	2196806	2211428	0.58	cps
Holmium	165-2	1466820	1492577	1503773	1487723	1.27	cps
Indium	115-1	2078161	2084037	2109872	2090690	0.81	cps
Indium	115-2	395327	393035	391531	393298	0.49	cps
Iron	56-2	53685043	53069839	53893730	53549537	0.80	cps
Iron	57-2	1341891	1351731	1353885	1349169	0.47	cps
Krypton	83-1	390	377	370	379	2.69	cps
Lead	207-1	5079	4923	4846	4949	2.40	cps
Lead	208-1	23348	22842	22414	22868	2.04	cps
Lead	206-1	6168	5974	5735	5959	3.64	cps
Lithium	6-1	149687	151455	153840	151661	1.37	cps
Magnesium	24-2	2791494	2771411	2744993	2769300	0.84	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:15:44 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2087	2024	1967	2026	2.96	cps
Molybdenum	94-1	1155757	1175210	1190767	1173911	1.49	cps
Molybdenum	95-1	2087791	2103725	2153257	2114924	1.61	cps
Molybdenum	96-1	2207157	2272069	2264970	2248066	1.58	cps
Molybdenum	97-1	1254843	1256547	1292817	1268069	1.69	cps
Molybdenum	98-1	3255432	3287235	3325150	3289272	1.06	cps
Neodymium	150-1	7	27	27	20	57.73	cps
Neodymium	150-2	17	3	0	7	132.33	cps
Nickel	60-2	2117	2147	2144	2136	0.77	cps
Phosphorus	31-2	68005	68265	67813	68028	0.33	cps
Potassium	39-2	2509756	2486987	2558659	2518467	1.45	cps
Rhodium	103-1	1976242	1937871	1960968	1958360	0.99	cps
Rhodium	103-2	1369986	1366307	1358930	1365074	0.41	cps
Scandium	45-1	1516631	1487219	1533156	1512336	1.54	cps
Scandium	45-2	46340	45651	44972	45654	1.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	4	2	6	88.24	cps
Selenium	82-1	-13	48	31	22	144.90	cps
Silicon	28-1	8054131	8110124	8176545	8113600	0.76	cps
Silver	109-1	1375	1400	1517	1431	5.29	cps
Silver	107-1	1325	1533	1700	1520	12.37	cps
Sodium	23-2	7117874	7030775	7071141	7073263	0.62	cps
Strontium	86-1	24264	24306	24882	24484	1.41	cps
Strontium	88-1	202543	206798	206101	205147	1.11	cps
Sulfur	34-1	1188794	1182244	1187310	1186116	0.29	cps
Terbium	159-1	2383144	2380675	2365299	2376373	0.41	cps
Terbium	159-2	1512113	1505962	1508131	1508735	0.21	cps
Thallium	203-1	183	208	158	183	13.64	cps
Thallium	205-1	483	342	367	397	19.04	cps
Tin	118-1	392	592	433	472	22.35	cps
Titanium	47-1	626440	636350	649364	637385	1.80	cps
Uranium	238-1	125	108	200	144	33.80	cps
Vanadium	51-2	77	100	100	92	14.61	cps
Yttrium	89-1	2399378	2382287	2393933	2391866	0.37	cps
Yttrium	89-2	305987	304417	307680	306028	0.53	cps
Zinc	66-2	1720	1820	1610	1717	6.12	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:15:44	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	333	283	311	8.18	cps
Zirconium	91-1	158	100	83	114	34.58	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:19:14	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576193	587962	585382	583179	1.06	cps
Antimony	121-1	53709	53199	54094	53668	0.84	cps
Arsenic	75-1	18793	18725	17894	18471	2.71	cps
Barium	135-1	10713	10113	10955	10594	4.09	cps
Barium	137-1	18556	18789	18647	18664	0.63	cps
Beryllium	9-1	5795	5895	6138	5942	2.97	cps
Bismuth	209-1	1189445	1202458	1212461	1201455	0.96	cps
Bismuth	209-2	947687	980703	988292	972227	2.22	cps
Boron	11-1	13357	12756	13532	13215	3.08	cps
Boron	10-1	2550	2584	2634	2589	1.62	cps
Cadmium	106-1	3367	2617	3067	3017	12.51	cps
Cadmium	108-1	1233	1242	1254	1243	0.84	cps
Cadmium	111-1	12899	13306	13083	13096	1.56	cps
Calcium	43-1	684696	684811	687476	685661	0.23	cps
Calcium	44-1	10949689	11042140	10997925	10996585	0.42	cps
Chromium	52-2	31058	31713	31836	31536	1.33	cps
Cobalt	59-2	29318	29595	29558	29490	0.51	cps
Copper	63-2	31446	32508	32695	32216	2.09	cps
Dysprosium	156-1	33	50	17	33	50.00	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	2235994	2218664	2254702	2236453	0.81	cps
Holmium	165-2	1396873	1447108	1453646	1432543	2.17	cps
Indium	115-1	2089144	2114577	2106054	2103258	0.62	cps
Indium	115-2	370422	381283	383210	378305	1.82	cps
Iron	56-2	53834080	54317916	53795575	53982524	0.54	cps
Iron	57-2	1343971	1394789	1357494	1365418	1.93	cps
Krypton	83-1	327	433	373	378	14.15	cps
Lead	207-1	24363	24135	23634	24044	1.55	cps
Lead	208-1	110813	110192	110265	110423	0.31	cps
Lead	206-1	28232	28594	28805	28544	1.02	cps
Lithium	6-1	152613	153568	155164	153782	0.84	cps
Magnesium	24-2	2745414	2778254	2837702	2787123	1.68	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:19:14	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7392	7409	7632	7478	1.79	cps
Molybdenum	94-1	1322145	1316214	1328084	1322148	0.45	cps
Molybdenum	95-1	2232151	2227948	2275251	2245116	1.17	cps
Molybdenum	96-1	2395438	2442659	2439571	2425889	1.09	cps
Molybdenum	97-1	1347875	1370327	1374611	1364271	1.05	cps
Molybdenum	98-1	3501462	3536811	3597517	3545263	1.37	cps
Neodymium	150-1	47	33	0	27	90.14	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	9590	10194	9924	9903	3.05	cps
Phosphorus	31-2	68231	68609	67973	68271	0.47	cps
Potassium	39-2	2539797	2526147	2543275	2536406	0.36	cps
Rhodium	103-1	1994390	1964053	2025451	1994631	1.54	cps
Rhodium	103-2	1283834	1325222	1340307	1316454	2.22	cps
Scandium	45-1	1516605	1522045	1533444	1524032	0.56	cps
Scandium	45-2	43023	44417	44484	43974	1.88	cps
Selenium	77-2	23	20	30	24	20.83	cps
Selenium	78-2	85	107	119	104	16.36	cps
Selenium	82-1	896	800	845	847	5.64	cps
Silicon	28-1	8320990	8294038	8313418	8309482	0.17	cps
Silver	109-1	49877	49676	50572	50042	0.94	cps
Silver	107-1	53666	51708	53131	52835	1.92	cps
Sodium	23-2	6991868	7131461	7237393	7120241	1.73	cps
Strontium	86-1	65651	66136	64947	65578	0.91	cps
Strontium	88-1	567181	563754	563309	564748	0.38	cps
Sulfur	34-1	1213490	1222065	1208227	1214594	0.58	cps
Terbium	159-1	2428337	2386714	2390338	2401796	0.96	cps
Terbium	159-2	1407599	1467605	1487889	1454364	2.87	cps
Thallium	203-1	28032	28116	28224	28124	0.34	cps
Thallium	205-1	66559	67371	67011	66981	0.61	cps
Tin	118-1	95213	95598	95767	95526	0.30	cps
Titanium	47-1	681497	683261	687623	684127	0.46	cps
Uranium	238-1	225243	223427	225119	224597	0.45	cps
Vanadium	51-2	11238	11331	11545	11371	1.38	cps
Yttrium	89-1	2414942	2394808	2382287	2397346	0.69	cps
Yttrium	89-2	289194	297431	300679	295768	2.00	cps
Zinc	66-2	4784	4741	4801	4775	0.65	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:19:14	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	218612	222024	219752	220129	0.79	cps
Zirconium	91-1	48002	48538	49232	48591	1.27	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:22:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364364	367588	365825	365926	0.44	cps
Antimony	121-1	1318997	1310582	1310819	1313466	0.36	cps
Arsenic	75-1	444282	441513	438604	441466	0.64	cps
Barium	135-1	1325386	1311481	1311760	1316209	0.60	cps
Barium	137-1	2302504	2265189	2295212	2287635	0.86	cps
Beryllium	9-1	150463	151046	150015	150508	0.34	cps
Bismuth	209-1	1163345	1261513	1265847	1230235	4.71	cps
Bismuth	209-2	1027846	1036190	1047978	1037338	0.98	cps
Boron	11-1	99469	99099	103782	100783	2.58	cps
Boron	10-1	18921	18504	19330	18919	2.18	cps
Cadmium	106-1	33902	33326	32348	33192	2.37	cps
Cadmium	108-1	21664	21330	21371	21455	0.85	cps
Cadmium	111-1	302526	305966	305017	304503	0.58	cps
Calcium	43-1	1802919	1833033	1816283	1817412	0.83	cps
Calcium	44-1	28788595	28343285	28493049	28541643	0.79	cps
Chromium	52-2	415418	413015	413007	413813	0.34	cps
Cobalt	59-2	726178	728365	724501	726348	0.27	cps
Copper	63-2	1121868	1116832	1121217	1119972	0.24	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	67	33	17	39	65.47	cps
Gadolinium	160-2	20	13	3	12	68.66	cps
Holmium	165-1	2120766	2389754	2353521	2288014	6.38	cps
Holmium	165-2	1527438	1535269	1538581	1533762	0.37	cps
Indium	115-1	1991407	2201600	2131626	2108211	5.08	cps
Indium	115-2	392355	384695	388996	388682	0.99	cps
Iron	56-2	72827296	72457013	72440507	72574939	0.30	cps
Iron	57-2	1871342	1839354	1834731	1848476	1.08	cps
Krypton	83-1	347	420	363	377	10.21	cps
Lead	207-1	524527	516808	519148	520161	0.76	cps
Lead	208-1	2326540	2319546	2328167	2324751	0.20	cps
Lead	206-1	573281	569357	569683	570774	0.38	cps
Lithium	6-1	144340	153477	153485	150434	3.51	cps
Magnesium	24-2	7181911	7238136	7151603	7190550	0.61	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:22:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	291963	290397	288822	290394	0.54	cps
Molybdenum	94-1	2358520	2326873	2360116	2348503	0.80	cps
Molybdenum	95-1	2921221	2921221	2911706	2918049	0.19	cps
Molybdenum	96-1	3228768	3211079	3222346	3220731	0.28	cps
Molybdenum	97-1	1760746	1773625	1778258	1770876	0.51	cps
Molybdenum	98-1	4550911	4520842	4594771	4555508	0.82	cps
Neodymium	150-1	160	47	67	91	66.39	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	205921	203706	204241	204623	0.56	cps
Phosphorus	31-2	7911	7702	7419	7677	3.22	cps
Potassium	39-2	3384550	3341631	3322515	3349565	0.95	cps
Rhodium	103-1	1892806	2064972	2042277	2000019	4.68	cps
Rhodium	103-2	1378657	1359988	1367260	1368635	0.69	cps
Scandium	45-1	1441398	1590952	1577664	1536671	5.39	cps
Scandium	45-2	47423	46537	46848	46936	0.96	cps
Selenium	77-2	643	693	680	672	3.85	cps
Selenium	78-2	2134	2200	2241	2192	2.47	cps
Selenium	82-1	22293	21700	22180	22058	1.43	cps
Silicon	28-1	8967888	9010427	9016333	8998216	0.29	cps
Silver	109-1	1318310	1307873	1316919	1314367	0.43	cps
Silver	107-1	1377062	1371114	1354639	1367605	0.85	cps
Sodium	23-2	18479322	18467953	18382843	18443372	0.29	cps
Strontium	86-1	382907	379636	376756	379767	0.81	cps
Strontium	88-1	3329129	3286027	3337900	3317685	0.84	cps
Sulfur	34-1	354292	354003	354719	354338	0.10	cps
Terbium	159-1	2269998	2492396	2468283	2410226	5.06	cps
Terbium	159-2	1604573	1545026	1595603	1581734	2.03	cps
Thallium	203-1	725080	739283	743903	736089	1.33	cps
Thallium	205-1	1750210	1761553	1728582	1746782	0.96	cps
Tin	118-1	851180	855542	862146	856289	0.64	cps
Titanium	47-1	866133	849395	868803	861444	1.22	cps
Uranium	238-1	2164486	2100018	2118470	2127658	1.56	cps
Vanadium	51-2	311712	309511	309446	310223	0.42	cps
Yttrium	89-1	2327144	2537312	2510441	2458299	4.65	cps
Yttrium	89-2	315370	309324	313703	312799	1.00	cps
Zinc	66-2	156889	157432	156460	156927	0.31	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:22:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2012454	2026477	2032206	2023713	0.50	cps
Zirconium	91-1	437547	436282	439474	437768	0.37	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:26:09	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	98	63	73	30.06	cps
Antimony	121-1	225	175	175	192	15.06	cps
Arsenic	75-1	450	464	506	473	6.22	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	42	42	33	39	12.38	cps
Beryllium	9-1	40	40	27	36	21.64	cps
Bismuth	209-1	1236972	1238575	1254480	1243342	0.78	cps
Bismuth	209-2	1050640	1052011	1054733	1052461	0.20	cps
Boron	11-1	2225	2225	2267	2239	1.08	cps
Boron	10-1	458	300	408	389	20.81	cps
Cadmium	106-1	1734	1308	1717	1586	15.18	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Cadmium	111-1	1221	966	1204	1131	12.63	cps
Calcium	43-1	2707	2667	2557	2644	2.94	cps
Calcium	44-1	43377	42648	43133	43053	0.86	cps
Chromium	52-2	480	430	390	433	10.41	cps
Cobalt	59-2	153	153	137	148	6.51	cps
Copper	63-2	987	810	867	888	10.16	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	2203276	2227878	2239713	2223623	0.84	cps
Holmium	165-2	1489840	1472086	1486987	1482971	0.64	cps
Indium	115-1	2090431	2143841	2121239	2118504	1.27	cps
Indium	115-2	401348	397919	395671	398313	0.72	cps
Iron	56-2	1078	1061	839	993	13.44	cps
Iron	57-2	28	39	33	33	16.67	cps
Krypton	83-1	393	403	390	396	1.75	cps
Lead	207-1	628	661	583	624	6.25	cps
Lead	208-1	3300	2850	2922	3024	7.99	cps
Lead	206-1	911	600	761	757	20.54	cps
Lithium	6-1	152619	153644	154978	153747	0.77	cps
Magnesium	24-2	150	75	75	100	43.31	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:26:09	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	37	27	29	24.03	cps
Molybdenum	94-1	175	167	83	142	35.78	cps
Molybdenum	95-1	200	158	58	139	52.42	cps
Molybdenum	96-1	125	192	83	133	40.98	cps
Molybdenum	97-1	150	83	42	92	59.61	cps
Molybdenum	98-1	242	108	150	167	40.93	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	70	33	52	35.16	cps
Phosphorus	31-2	33	0	8	14	124.92	cps
Potassium	39-2	10313	10254	10088	10218	1.14	cps
Rhodium	103-1	2050081	2096090	2092288	2079486	1.23	cps
Rhodium	103-2	1432748	1431442	1411638	1425276	0.83	cps
Scandium	45-1	1515866	1560766	1538580	1538404	1.46	cps
Scandium	45-2	45935	46112	45788	45945	0.35	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	6	7	11	8	35.21	cps
Selenium	82-1	-18	-10	-15	-14	-30.50	cps
Silicon	28-1	8509414	8529197	8526201	8521604	0.13	cps
Silver	109-1	317	350	350	339	5.68	cps
Silver	107-1	317	308	325	317	2.63	cps
Sodium	23-2	19322	19013	18813	19050	1.35	cps
Strontium	86-1	633	583	533	583	8.57	cps
Strontium	88-1	25	25	50	33	43.30	cps
Sulfur	34-1	256222	258635	255459	256772	0.65	cps
Terbium	159-1	2388731	2348987	2424985	2387567	1.59	cps
Terbium	159-2	1503667	1501499	1514055	1506407	0.45	cps
Thallium	203-1	342	450	300	364	21.28	cps
Thallium	205-1	783	875	692	783	11.70	cps
Tin	118-1	208	167	117	164	28.00	cps
Titanium	47-1	4959	5143	5376	5160	4.05	cps
Uranium	238-1	33	25	42	33	25.01	cps
Vanadium	51-2	10	17	13	13	25.01	cps
Yttrium	89-1	2381120	2422759	2414622	2406167	0.92	cps
Yttrium	89-2	306797	311878	305968	308214	1.04	cps
Zinc	66-2	120	100	133	118	14.25	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:26:09	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192	175	200	189	6.74	cps
Zirconium	91-1	108	117	108	111	4.33	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:29:44	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	168	190	190	11.84	cps
Antimony	121-1	4709	4818	4834	4787	1.42	cps
Arsenic	75-1	1392	1400	1174	1322	9.69	cps
Barium	135-1	4776	4801	4743	4773	0.61	cps
Barium	137-1	8620	7686	8762	8356	7.00	cps
Beryllium	9-1	303	310	303	306	1.26	cps
Bismuth	209-1	1258228	1136168	1218415	1204271	5.17	cps
Bismuth	209-2	1001712	1106400	1031711	1046608	5.15	cps
Boron	11-1	6110	6110	5835	6018	2.64	cps
Boron	10-1	1150	1100	1150	1133	2.55	cps
Cadmium	106-1	1475	1759	1575	1603	8.97	cps
Cadmium	108-1	21	79	58	53	56.02	cps
Cadmium	111-1	1601	1738	1637	1659	4.28	cps
Calcium	43-1	6078	6135	5971	6061	1.37	cps
Calcium	44-1	95770	94250	96095	95371	1.03	cps
Chromium	52-2	1820	1934	1887	1880	3.03	cps
Cobalt	59-2	1640	1580	1597	1606	1.93	cps
Copper	63-2	2800	2707	2767	2758	1.72	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	2194317	2034312	2175799	2134809	4.10	cps
Holmium	165-2	1415268	1573967	1464543	1484593	5.47	cps
Indium	115-1	2102310	1952845	2085169	2046775	4.00	cps
Indium	115-2	387262	414664	393165	398364	3.62	cps
Iron	56-2	29621	28997	30022	29547	1.75	cps
Iron	57-2	872	744	711	776	10.96	cps
Krypton	83-1	407	320	427	384	14.75	cps
Lead	207-1	1395	1417	1456	1422	2.18	cps
Lead	208-1	6206	6323	6234	6254	0.97	cps
Lead	206-1	1622	1506	1517	1548	4.16	cps
Lithium	6-1	153029	142474	151251	148918	3.79	cps
Magnesium	24-2	14533	14133	14166	14277	1.56	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:29:44	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	313	297	287	299	4.51	cps
Molybdenum	94-1	4034	4693	4634	4454	8.19	cps
Molybdenum	95-1	5418	5160	5226	5268	2.55	cps
Molybdenum	96-1	5960	6218	6043	6074	2.17	cps
Molybdenum	97-1	3050	3192	3434	3226	6.01	cps
Molybdenum	98-1	8153	8845	8686	8561	4.24	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	490	477	390	452	12.01	cps
Phosphorus	31-2	58	58	25	47	40.76	cps
Potassium	39-2	21843	21743	22068	21884	0.76	cps
Rhodium	103-1	2093700	1887297	2041149	2007382	5.34	cps
Rhodium	103-2	1385374	1496011	1400034	1427140	4.21	cps
Scandium	45-1	1533814	1390669	1532894	1485792	5.54	cps
Scandium	45-2	46266	48805	45400	46824	3.78	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	28	24	13	22	35.70	cps
Selenium	82-1	207	316	205	243	26.08	cps
Silicon	28-1	8434875	8419503	8363314	8405897	0.45	cps
Silver	109-1	2700	3042	3134	2959	7.72	cps
Silver	107-1	3351	3184	2800	3112	9.07	cps
Sodium	23-2	52230	50508	50532	51090	1.93	cps
Strontium	86-1	1117	1325	1233	1225	8.52	cps
Strontium	88-1	6035	5710	6018	5921	3.09	cps
Sulfur	34-1	262035	263342	261322	262233	0.39	cps
Terbium	159-1	2391359	2174832	2317532	2294574	4.80	cps
Terbium	159-2	1461007	1574268	1484851	1506709	3.96	cps
Thallium	203-1	1625	1650	1792	1689	5.32	cps
Thallium	205-1	3559	3859	3726	3715	4.05	cps
Tin	118-1	8820	8903	8036	8587	5.57	cps
Titanium	47-1	6577	6485	7044	6702	4.47	cps
Uranium	238-1	3534	3334	3751	3540	5.89	cps
Vanadium	51-2	3064	2920	2790	2925	4.68	cps
Yttrium	89-1	2389763	2233182	2403953	2342299	4.05	cps
Yttrium	89-2	302197	325343	305746	311096	4.01	cps
Zinc	66-2	423	373	317	371	14.38	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:29:44	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3576	3667	3626	3623	1.27	cps
Zirconium	91-1	725	900	800	808	10.86	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : PB118802BL Instrumnet Name : P8
 Client Sample ID : PB118802BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:33:18 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	40	68	60	29.17	cps
Antimony	121-1	108	100	125	111	11.46	cps
Arsenic	75-1	432	415	376	408	7.10	cps
Barium	135-1	17	8	25	17	50.01	cps
Barium	137-1	25	42	17	28	45.82	cps
Beryllium	9-1	17	40	13	23	62.27	cps
Bismuth	209-1	1217151	1242084	1216206	1225147	1.20	cps
Bismuth	209-2	1003019	1033062	1016486	1017522	1.48	cps
Boron	11-1	1358	1458	1267	1361	7.04	cps
Boron	10-1	267	292	233	264	11.09	cps
Cadmium	106-1	1550	1709	1500	1586	6.86	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Cadmium	111-1	1091	1197	1057	1115	6.58	cps
Calcium	43-1	2510	2590	2557	2553	1.57	cps
Calcium	44-1	42033	41210	40351	41198	2.04	cps
Chromium	52-2	410	437	360	402	9.68	cps
Cobalt	59-2	170	140	190	167	15.10	cps
Copper	63-2	427	443	573	481	16.69	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	2160662	2182147	2194606	2179138	0.79	cps
Holmium	165-2	1431081	1450954	1442775	1441604	0.69	cps
Indium	115-1	2126698	2142165	2058504	2109122	2.11	cps
Indium	115-2	384154	388899	382546	385199	0.86	cps
Iron	56-2	633	917	672	741	20.73	cps
Iron	57-2	28	17	39	28	39.99	cps
Krypton	83-1	440	303	430	391	19.48	cps
Lead	207-1	350	400	361	370	7.09	cps
Lead	208-1	1695	1661	1622	1659	2.18	cps
Lead	206-1	422	417	411	417	1.33	cps
Lithium	6-1	149207	150670	148642	149506	0.70	cps
Magnesium	24-2	125	75	67	89	35.50	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BL	Instrumnet Name :	P8
Client Sample ID :	PB118802BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:33:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	13	23	37.81	cps
Molybdenum	94-1	25	42	58	42	40.00	cps
Molybdenum	95-1	0	33	25	19	89.22	cps
Molybdenum	96-1	50	42	33	42	20.00	cps
Molybdenum	97-1	17	50	17	28	69.27	cps
Molybdenum	98-1	50	25	58	44	39.04	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	60	57	33	50	29.06	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	8695	9253	8903	8950	3.15	cps
Rhodium	103-1	2072397	2028337	2028255	2042996	1.25	cps
Rhodium	103-2	1387205	1405258	1395384	1395949	0.65	cps
Scandium	45-1	1504631	1529264	1516433	1516776	0.81	cps
Scandium	45-2	45510	45554	44641	45235	1.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	6	4	6	45.85	cps
Selenium	82-1	-45	93	-81	-11	-843.65	cps
Silicon	28-1	8285204	8307983	8373589	8322258	0.55	cps
Silver	109-1	142	167	167	158	9.12	cps
Silver	107-1	175	358	267	267	34.38	cps
Sodium	23-2	14533	14274	14491	14433	0.96	cps
Strontium	86-1	658	508	500	556	16.04	cps
Strontium	88-1	50	50	25	42	34.64	cps
Sulfur	34-1	262292	263632	264471	263465	0.42	cps
Terbium	159-1	2325395	2309264	2341059	2325239	0.68	cps
Terbium	159-2	1471214	1491551	1473926	1478897	0.75	cps
Thallium	203-1	300	300	233	278	13.86	cps
Thallium	205-1	767	608	650	675	12.16	cps
Tin	118-1	150	167	150	156	6.19	cps
Titanium	47-1	5051	5310	5076	5146	2.77	cps
Uranium	238-1	50	25	25	33	43.30	cps
Vanadium	51-2	10	13	20	14	35.26	cps
Yttrium	89-1	2382685	2350486	2364175	2365782	0.68	cps
Yttrium	89-2	303637	300467	299990	301365	0.66	cps
Zinc	66-2	90	93	77	87	10.18	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BL	Instrumnet Name :	P8
Client Sample ID :	PB118802BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:33:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	225	233	214	12.53	cps
Zirconium	91-1	67	117	100	94	26.96	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BS	Instrumnet Name :	P8
Client Sample ID :	PB118802BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:36:53	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66797	67335	66076	66736	0.95	cps
Antimony	121-1	1291759	1281416	1310457	1294544	1.14	cps
Arsenic	75-1	434214	433830	431698	433247	0.31	cps
Barium	135-1	1282958	1284928	1287093	1284993	0.16	cps
Barium	137-1	2237274	2233694	2245657	2238875	0.27	cps
Beryllium	9-1	150207	151578	151904	151230	0.60	cps
Bismuth	209-1	1233032	1249331	1264891	1249085	1.28	cps
Bismuth	209-2	1060199	1051185	1049806	1053730	0.54	cps
Boron	11-1	97572	98528	99645	98582	1.05	cps
Boron	10-1	18571	18604	19965	19047	4.17	cps
Cadmium	106-1	32975	31772	34253	33000	3.76	cps
Cadmium	108-1	21910	20983	21572	21488	2.18	cps
Cadmium	111-1	301510	302875	302782	302389	0.25	cps
Calcium	43-1	361081	356260	366117	361152	1.36	cps
Calcium	44-1	5860623	5725933	5797724	5794760	1.16	cps
Chromium	52-2	408358	404806	400773	404646	0.94	cps
Cobalt	59-2	722108	715342	713393	716948	0.64	cps
Copper	63-2	1132016	1122760	1136813	1130529	0.63	cps
Dysprosium	156-1	83	50	25	53	55.46	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	2214167	2303593	2245089	2254283	2.01	cps
Holmium	165-2	1533072	1524450	1510289	1522604	0.76	cps
Indium	115-1	2043012	2126338	2128096	2099149	2.32	cps
Indium	115-2	393336	392727	391936	392666	0.18	cps
Iron	56-2	14274702	14266227	14190704	14243878	0.32	cps
Iron	57-2	361254	358880	357243	359126	0.56	cps
Krypton	83-1	307	400	357	354	13.18	cps
Lead	207-1	510013	514195	522980	515729	1.28	cps
Lead	208-1	2297704	2298989	2333775	2310156	0.89	cps
Lead	206-1	564140	569610	570216	567988	0.59	cps
Lithium	6-1	151812	155828	154630	154090	1.34	cps
Magnesium	24-2	1508972	1484675	1485029	1492892	0.93	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BS	Instrumnet Name :	P8
Client Sample ID :	PB118802BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:36:53	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	286906	286714	283739	285786	0.62	cps
Molybdenum	94-1	2258359	2302273	2279036	2279889	0.96	cps
Molybdenum	95-1	2806066	2842269	2864724	2837686	1.04	cps
Molybdenum	96-1	3149229	3096957	3161073	3135753	1.09	cps
Molybdenum	97-1	1739450	1748535	1729045	1739010	0.56	cps
Molybdenum	98-1	4416128	4441016	4510538	4455894	1.10	cps
Neodymium	150-1	100	33	53	62	54.97	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	202852	204941	201375	203056	0.88	cps
Phosphorus	31-2	7261	7252	6919	7144	2.73	cps
Potassium	39-2	667663	651296	656826	658595	1.26	cps
Rhodium	103-1	1969955	2037949	2074297	2027400	2.61	cps
Rhodium	103-2	1397158	1403067	1392224	1397483	0.39	cps
Scandium	45-1	1517357	1547320	1560307	1541661	1.43	cps
Scandium	45-2	46731	46246	46433	46470	0.53	cps
Selenium	77-2	647	660	637	648	1.81	cps
Selenium	78-2	2119	2178	2128	2142	1.49	cps
Selenium	82-1	22081	21804	21970	21952	0.63	cps
Silicon	28-1	8980270	8962252	9004711	8982411	0.24	cps
Silver	109-1	1306862	1315412	1326262	1316179	0.74	cps
Silver	107-1	1379861	1387024	1391419	1386101	0.42	cps
Sodium	23-2	3868902	3794156	3802179	3821746	1.07	cps
Strontium	86-1	371937	369651	378897	373495	1.29	cps
Strontium	88-1	3229430	3243340	3238683	3237151	0.22	cps
Sulfur	34-1	358987	350488	353902	354459	1.21	cps
Terbium	159-1	2351434	2412918	2399500	2387950	1.35	cps
Terbium	159-2	1571019	1522119	1548129	1547089	1.58	cps
Thallium	203-1	722740	734126	728087	728318	0.78	cps
Thallium	205-1	1729397	1713173	1737210	1726593	0.71	cps
Tin	118-1	840713	846111	848126	844983	0.45	cps
Titanium	47-1	839251	833480	833051	835261	0.41	cps
Uranium	238-1	2031307	2039498	2062431	2044412	0.79	cps
Vanadium	51-2	302274	300253	299273	300600	0.51	cps
Yttrium	89-1	2388441	2460217	2445294	2431317	1.56	cps
Yttrium	89-2	313620	313436	309686	312247	0.71	cps
Zinc	66-2	156724	156073	154928	155908	0.58	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	PB118802BS	Instrumnet Name :	P8
Client Sample ID :	PB118802BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:36:53	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1976067	1968613	1964447	1969709	0.30	cps
Zirconium	91-1	427190	424351	425157	425566	0.34	cps

LB Number : LB102066 Operator : Jaswal
 Lab Sample ID : K2229-02 Instrumnet Name : P8
 Client Sample ID : KITCHEN-FAUCET-DRA Dilution Factor : 1
 Date & Time Acquired :: 2019-04-11 16:40:21 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	263	245	249	4.74	cps
Antimony	121-1	750	608	600	653	12.92	cps
Arsenic	75-1	1052	1078	1040	1057	1.88	cps
Barium	135-1	40112	40706	40982	40600	1.10	cps
Barium	137-1	69450	68068	70882	69467	2.03	cps
Beryllium	9-1	37	43	63	48	29.04	cps
Bismuth	209-1	1183776	1204857	1208677	1199104	1.12	cps
Bismuth	209-2	987585	986328	990426	988113	0.21	cps
Boron	11-1	10604	10863	10788	10752	1.24	cps
Boron	10-1	2009	2225	1959	2064	6.87	cps
Cadmium	106-1	1383	1667	1400	1483	10.72	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Cadmium	111-1	983	1181	977	1047	11.06	cps
Calcium	43-1	313765	314957	319156	315959	0.90	cps
Calcium	44-1	5030445	5066512	5150572	5082510	1.21	cps
Chromium	52-2	720	680	717	706	3.15	cps
Cobalt	59-2	87	80	97	88	9.56	cps
Copper	63-2	9780	9497	9677	9651	1.49	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	17	42	33	31	41.65	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	2169025	2176431	2201130	2182195	0.77	cps
Holmium	165-2	1430871	1432940	1435363	1433058	0.16	cps
Indium	115-1	2050674	2071955	2056891	2059840	0.53	cps
Indium	115-2	383719	379819	379916	381152	0.58	cps
Iron	56-2	15103	14803	14919	14942	1.01	cps
Iron	57-2	417	478	344	413	16.16	cps
Krypton	83-1	423	320	337	360	15.41	cps
Lead	207-1	772	689	556	672	16.26	cps
Lead	208-1	3245	3178	2811	3078	7.58	cps
Lead	206-1	878	850	750	826	8.14	cps
Lithium	6-1	147643	150357	151931	149977	1.45	cps
Magnesium	24-2	244180	242267	238789	241745	1.13	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2229-02	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:40:21	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400	373	383	386	3.49	cps
Molybdenum	94-1	400	283	342	342	17.07	cps
Molybdenum	95-1	508	492	400	467	12.50	cps
Molybdenum	96-1	525	467	492	494	5.92	cps
Molybdenum	97-1	383	275	283	314	19.21	cps
Molybdenum	98-1	775	783	608	722	13.67	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	240	287	227	251	12.55	cps
Phosphorus	31-2	292	242	267	267	9.37	cps
Potassium	39-2	60523	60246	59820	60196	0.59	cps
Rhodium	103-1	1967690	1977036	2012617	1985781	1.19	cps
Rhodium	103-2	1330922	1342025	1338139	1337029	0.42	cps
Scandium	45-1	1511971	1522470	1551698	1528713	1.35	cps
Scandium	45-2	44838	44671	44644	44718	0.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	6	7	7	24.97	cps
Selenium	82-1	-25	75	50	33	155.02	cps
Silicon	28-1	10488830	10414089	10488186	10463701	0.41	cps
Silver	109-1	400	442	433	425	5.19	cps
Silver	107-1	525	575	517	539	5.85	cps
Sodium	23-2	10320930	10270792	10224044	10271922	0.47	cps
Strontium	86-1	108446	111704	109049	109733	1.58	cps
Strontium	88-1	923690	927954	942328	931324	1.05	cps
Sulfur	34-1	315282	318853	323178	319105	1.24	cps
Terbium	159-1	2300549	2345454	2308104	2318035	1.04	cps
Terbium	159-2	1464614	1437811	1450997	1451141	0.92	cps
Thallium	203-1	158	108	58	108	46.15	cps
Thallium	205-1	275	225	208	236	14.69	cps
Tin	118-1	375	250	242	289	25.85	cps
Titanium	47-1	5051	5101	5084	5079	0.50	cps
Uranium	238-1	675	583	650	636	7.45	cps
Vanadium	51-2	93	127	80	100	24.04	cps
Yttrium	89-1	2335514	2355474	2383171	2358053	1.01	cps
Yttrium	89-2	297989	300662	297802	298818	0.54	cps
Zinc	66-2	33708	33848	33691	33749	0.26	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2229-02	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:40:21	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	292	233	200	242	19.20	cps
Zirconium	91-1	142	92	108	114	22.35	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2313-01	Instrumnet Name :	P8
Client Sample ID :	390401024	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:43:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	215	180	195	9.25	cps
Antimony	121-1	233	133	158	175	29.74	cps
Arsenic	75-1	1253	1448	1465	1388	8.48	cps
Barium	135-1	508	417	458	461	9.95	cps
Barium	137-1	617	850	667	711	17.28	cps
Beryllium	9-1	13	20	23	19	26.96	cps
Bismuth	209-1	1197204	1172015	1189566	1186261	1.09	cps
Bismuth	209-2	977961	993093	999227	990093	1.11	cps
Boron	11-1	50891	53233	52087	52070	2.25	cps
Boron	10-1	9579	9679	9954	9737	2.00	cps
Cadmium	106-1	1483	1508	1575	1522	3.11	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	1045	1060	1106	1070	2.99	cps
Calcium	43-1	3434	3604	3567	3535	2.53	cps
Calcium	44-1	58454	58173	58692	58440	0.44	cps
Chromium	52-2	723	860	807	797	8.65	cps
Cobalt	59-2	137	147	133	139	4.99	cps
Copper	63-2	231161	232094	234860	232705	0.83	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	0	8	17	8	100.02	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	2213132	2141081	2175701	2176638	1.66	cps
Holmium	165-2	1434331	1446811	1437700	1439614	0.45	cps
Indium	115-1	2057533	2076009	2043478	2059007	0.79	cps
Indium	115-2	379365	383115	381229	381236	0.49	cps
Iron	56-2	15239	16608	15870	15905	4.31	cps
Iron	57-2	311	456	333	367	21.22	cps
Krypton	83-1	430	393	317	380	15.22	cps
Lead	207-1	1445	1261	1356	1354	6.77	cps
Lead	208-1	6017	5901	5773	5897	2.07	cps
Lead	206-1	1472	1456	1378	1435	3.51	cps
Lithium	6-1	150455	151721	153042	151739	0.85	cps
Magnesium	24-2	13073	12815	13040	12976	1.08	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2313-01	Instrumnet Name :	P8
Client Sample ID :	390401024	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:43:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	250	303	301	16.62	cps
Molybdenum	94-1	567	617	825	669	20.47	cps
Molybdenum	95-1	942	842	1208	997	19.01	cps
Molybdenum	96-1	883	1275	1125	1095	18.06	cps
Molybdenum	97-1	642	533	658	611	11.11	cps
Molybdenum	98-1	1592	2000	1725	1772	11.75	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	317	310	293	307	3.92	cps
Phosphorus	31-2	67	67	50	61	15.75	cps
Potassium	39-2	12314	12156	11530	12000	3.45	cps
Rhodium	103-1	1972082	1983255	1968712	1974683	0.39	cps
Rhodium	103-2	1354964	1359052	1355282	1356433	0.17	cps
Scandium	45-1	1488721	1497791	1535029	1507180	1.63	cps
Scandium	45-2	45607	45330	44119	45019	1.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	7	2	6	57.77	cps
Selenium	82-1	-84	38	43	-1	-5120.14	cps
Silicon	28-1	19432836	19537304	19309859	19426666	0.59	cps
Silver	109-1	192	225	258	225	14.81	cps
Silver	107-1	225	325	292	281	18.15	cps
Sodium	23-2	9785170	9671041	9695838	9717350	0.62	cps
Strontium	86-1	1142	883	1058	1028	12.83	cps
Strontium	88-1	4176	4117	4434	4243	3.97	cps
Sulfur	34-1	320177	316327	311856	316120	1.32	cps
Terbium	159-1	2311168	2326225	2306241	2314545	0.45	cps
Terbium	159-2	1461655	1461780	1445219	1456218	0.65	cps
Thallium	203-1	42	58	67	56	22.91	cps
Thallium	205-1	125	125	175	142	20.38	cps
Tin	118-1	183	183	242	203	16.61	cps
Titanium	47-1	4976	5018	4818	4937	2.14	cps
Uranium	238-1	6602	6644	6727	6658	0.96	cps
Vanadium	51-2	4611	4788	4621	4673	2.12	cps
Yttrium	89-1	2339063	2348153	2373158	2353458	0.75	cps
Yttrium	89-2	300513	297428	300224	299388	0.57	cps
Zinc	66-2	29044	28837	29391	29091	0.96	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2313-01	Instrumnet Name :	P8
Client Sample ID :	390401024	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:43:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	475	358	403	15.67	cps
Zirconium	91-1	192	158	117	156	24.16	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2314-01	Instrumnet Name :	P8
Client Sample ID :	390401023.1	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:47:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	455	388	338	393	14.99	cps
Antimony	121-1	167	183	133	161	15.80	cps
Arsenic	75-1	1672	1604	1476	1584	6.28	cps
Barium	135-1	858	1192	900	983	18.47	cps
Barium	137-1	1700	1775	1750	1742	2.19	cps
Beryllium	9-1	27	40	23	30	29.40	cps
Bismuth	209-1	1171042	1166952	1176523	1171506	0.41	cps
Bismuth	209-2	991264	985486	995553	990768	0.51	cps
Boron	11-1	50908	52748	52430	52028	1.89	cps
Boron	10-1	9671	9153	9912	9579	4.05	cps
Cadmium	106-1	1450	1500	1500	1483	1.95	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Cadmium	111-1	1028	1054	1042	1041	1.22	cps
Calcium	43-1	3297	3254	3170	3240	1.99	cps
Calcium	44-1	52933	54017	54308	53752	1.35	cps
Chromium	52-2	1013	970	887	957	6.73	cps
Cobalt	59-2	120	133	90	114	19.40	cps
Copper	63-2	23701	23169	23600	23490	1.20	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	42	67	33	47	36.73	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	30	7	20	19	61.96	cps
Holmium	165-1	2158162	2144828	2164015	2155668	0.46	cps
Holmium	165-2	1442855	1443765	1452627	1446415	0.37	cps
Indium	115-1	2058123	1999497	2027882	2028501	1.45	cps
Indium	115-2	376842	383341	379133	379772	0.87	cps
Iron	56-2	87266	87037	87598	87300	0.32	cps
Iron	57-2	2350	2178	2261	2263	3.81	cps
Krypton	83-1	383	330	353	356	7.52	cps
Lead	207-1	2611	2511	2873	2665	7.00	cps
Lead	208-1	12531	12436	12380	12449	0.61	cps
Lead	206-1	3317	3412	3056	3262	5.65	cps
Lithium	6-1	148170	150815	151682	150222	1.22	cps
Magnesium	24-2	892	1183	1050	1042	14.02	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2314-01	Instrumnet Name :	P8
Client Sample ID :	390401023.1	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:47:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	657	600	620	626	4.59	cps
Molybdenum	94-1	575	608	683	622	8.92	cps
Molybdenum	95-1	1050	1083	1075	1070	1.62	cps
Molybdenum	96-1	1150	1025	933	1036	10.50	cps
Molybdenum	97-1	575	642	708	642	10.39	cps
Molybdenum	98-1	1775	1550	1684	1670	6.78	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	2867	2884	2837	2863	0.83	cps
Phosphorus	31-2	67	100	67	78	24.75	cps
Potassium	39-2	11880	11680	11964	11842	1.23	cps
Rhodium	103-1	1959686	1947648	1974316	1960550	0.68	cps
Rhodium	103-2	1358359	1380852	1364574	1367928	0.85	cps
Scandium	45-1	1482049	1493625	1496425	1490700	0.51	cps
Scandium	45-2	44454	44022	44193	44223	0.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	7	15	12	32.84	cps
Selenium	82-1	18	61	27	35	64.82	cps
Silicon	28-1	19483890	19375128	19403764	19420927	0.29	cps
Silver	109-1	233	192	258	228	14.79	cps
Silver	107-1	267	175	250	231	21.18	cps
Sodium	23-2	9827399	9831161	9595030	9751197	1.39	cps
Strontium	86-1	842	842	967	883	8.17	cps
Strontium	88-1	3292	3001	3067	3120	4.90	cps
Sulfur	34-1	297336	297497	294568	296467	0.56	cps
Terbium	159-1	2283310	2288460	2274132	2281968	0.32	cps
Terbium	159-2	1471509	1466203	1447392	1461701	0.87	cps
Thallium	203-1	17	50	42	36	48.03	cps
Thallium	205-1	117	92	117	108	13.32	cps
Tin	118-1	342	500	367	403	21.15	cps
Titanium	47-1	5593	5635	5218	5482	4.19	cps
Uranium	238-1	6777	7194	6894	6955	3.09	cps
Vanadium	51-2	5221	5178	5251	5217	0.71	cps
Yttrium	89-1	2343457	2330090	2331577	2335041	0.31	cps
Yttrium	89-2	299934	302777	300978	301230	0.48	cps
Zinc	66-2	9550	10030	9970	9850	2.66	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2314-01	Instrumnet Name :	P8
Client Sample ID :	390401023.1	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:47:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	208	275	239	14.10	cps
Zirconium	91-1	92	100	108	100	8.33	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2318-01	Instrumnet Name :	P8
Client Sample ID :	390401027	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:51:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328	390	288	335	15.42	cps
Antimony	121-1	192	192	233	206	11.70	cps
Arsenic	75-1	1667	1539	1725	1644	5.77	cps
Barium	135-1	533	517	692	581	16.64	cps
Barium	137-1	908	975	1042	975	6.84	cps
Beryllium	9-1	27	33	20	27	24.99	cps
Bismuth	209-1	1184723	1182664	1170957	1179448	0.63	cps
Bismuth	209-2	978657	982749	975626	979011	0.37	cps
Boron	11-1	26601	27452	27360	27138	1.72	cps
Boron	10-1	4859	5068	4859	4929	2.44	cps
Cadmium	106-1	1742	1534	1333	1536	13.29	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1218	1084	936	1079	13.06	cps
Calcium	43-1	3014	3074	3184	3090	2.79	cps
Calcium	44-1	52759	52872	52816	52816	0.11	cps
Chromium	52-2	1070	1010	1037	1039	2.89	cps
Cobalt	59-2	120	123	100	114	11.03	cps
Copper	63-2	346572	341487	339994	342684	1.01	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	17	47	30	31	48.31	cps
Erbium	164-1	58	17	17	31	78.72	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	33	17	20	23	37.78	cps
Holmium	165-1	2110980	2117937	2179354	2136091	1.76	cps
Holmium	165-2	1421879	1426046	1436674	1428200	0.53	cps
Indium	115-1	2057766	2058881	2061897	2059515	0.10	cps
Indium	115-2	380263	384145	380071	381493	0.60	cps
Iron	56-2	114708	112249	114058	113672	1.12	cps
Iron	57-2	2711	2956	2795	2821	4.41	cps
Krypton	83-1	393	320	380	364	10.72	cps
Lead	207-1	3701	3823	4029	3851	4.30	cps
Lead	208-1	17933	17516	17872	17774	1.27	cps
Lead	206-1	4857	4306	4523	4562	6.08	cps
Lithium	6-1	150346	151329	150855	150843	0.33	cps
Magnesium	24-2	950	1058	842	950	11.40	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2318-01	Instrumnet Name :	P8
Client Sample ID :	390401027	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:51:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1053	1090	923	1022	8.57	cps
Molybdenum	94-1	358	367	308	344	9.16	cps
Molybdenum	95-1	367	317	333	339	7.51	cps
Molybdenum	96-1	483	333	392	403	18.77	cps
Molybdenum	97-1	217	208	208	211	2.28	cps
Molybdenum	98-1	550	642	525	572	10.73	cps
Neodymium	150-1	47	60	27	44	37.75	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	1317	1260	1253	1277	2.73	cps
Phosphorus	31-2	42	42	58	47	20.38	cps
Potassium	39-2	10213	10196	10479	10296	1.55	cps
Rhodium	103-1	2021506	2009243	2030766	2020505	0.53	cps
Rhodium	103-2	1362809	1351898	1368591	1361099	0.62	cps
Scandium	45-1	1515513	1524453	1519909	1519958	0.29	cps
Scandium	45-2	44831	44738	45423	44998	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	9	13	7	90.13	cps
Selenium	82-1	5	59	50	38	75.27	cps
Silicon	28-1	22059872	22147253	22149189	22118771	0.23	cps
Silver	109-1	258	292	192	247	20.60	cps
Silver	107-1	242	317	167	242	31.03	cps
Sodium	23-2	7330608	7122348	7233025	7228660	1.44	cps
Strontium	86-1	1100	875	1033	1003	11.53	cps
Strontium	88-1	2542	2792	2484	2606	6.29	cps
Sulfur	34-1	287862	281954	286017	285278	1.06	cps
Terbium	159-1	2287971	2284006	2318862	2296947	0.83	cps
Terbium	159-2	1449024	1439284	1445539	1444616	0.34	cps
Thallium	203-1	83	58	25	56	52.68	cps
Thallium	205-1	83	25	75	61	51.63	cps
Tin	118-1	2042	2192	2217	2150	4.40	cps
Titanium	47-1	5768	5743	6160	5890	3.97	cps
Uranium	238-1	14901	14751	15485	15046	2.58	cps
Vanadium	51-2	5301	5351	5148	5267	2.01	cps
Yttrium	89-1	2377523	2377795	2373381	2376233	0.10	cps
Yttrium	89-2	300427	300500	302129	301019	0.32	cps
Zinc	66-2	7499	7729	7589	7606	1.52	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2318-01	Instrumnet Name :	P8
Client Sample ID :	390401027	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:51:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	367	517	233	372	38.10	cps
Zirconium	91-1	117	75	100	97	21.57	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01	Instrumnet Name :	P8
Client Sample ID :	390402169	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:54:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1045	1030	895	990	8.35	cps
Antimony	121-1	150	192	175	172	12.18	cps
Arsenic	75-1	954	1107	950	1004	8.89	cps
Barium	135-1	10872	10947	10805	10874	0.65	cps
Barium	137-1	17487	18113	18489	18030	2.81	cps
Beryllium	9-1	27	10	13	17	52.93	cps
Bismuth	209-1	1161119	1157897	1139156	1152724	1.03	cps
Bismuth	209-2	950805	945983	930047	942278	1.15	cps
Boron	11-1	10087	9937	9987	10004	0.76	cps
Boron	10-1	1809	1875	1925	1870	3.13	cps
Cadmium	106-1	1292	1433	1333	1353	5.38	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Cadmium	111-1	921	1001	951	958	4.26	cps
Calcium	43-1	360130	363972	363807	362637	0.60	cps
Calcium	44-1	5889641	5864368	5848629	5867546	0.35	cps
Chromium	52-2	1517	1387	1533	1479	5.43	cps
Cobalt	59-2	340	403	363	369	8.68	cps
Copper	63-2	14518	14221	14027	14255	1.73	cps
Dysprosium	156-1	83	67	92	81	15.80	cps
Dysprosium	156-2	83	90	87	87	3.84	cps
Erbium	164-1	108	150	100	119	22.43	cps
Erbium	164-2	60	77	53	63	18.98	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	73	87	90	83	10.59	cps
Holmium	165-1	2125308	2086844	2102170	2104774	0.92	cps
Holmium	165-2	1376191	1370007	1348648	1364949	1.06	cps
Indium	115-1	2050868	2026734	2003290	2026964	1.17	cps
Indium	115-2	377474	370106	361301	369627	2.19	cps
Iron	56-2	184741	182677	183599	183672	0.56	cps
Iron	57-2	4595	4934	4545	4692	4.51	cps
Krypton	83-1	403	360	327	363	10.58	cps
Lead	207-1	2773	2361	2556	2563	8.02	cps
Lead	208-1	12647	11664	11719	12010	4.60	cps
Lead	206-1	3184	2928	3062	3058	4.18	cps
Lithium	6-1	147572	148865	148095	148177	0.44	cps
Magnesium	24-2	440912	430426	419664	430334	2.47	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01	Instrumnet Name :	P8
Client Sample ID :	390402169	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:54:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80406	80544	78821	79924	1.20	cps
Molybdenum	94-1	608	792	592	664	16.72	cps
Molybdenum	95-1	217	175	208	200	11.02	cps
Molybdenum	96-1	233	308	283	275	13.89	cps
Molybdenum	97-1	117	133	117	122	7.87	cps
Molybdenum	98-1	233	258	242	244	5.21	cps
Neodymium	150-1	193	107	173	158	28.76	cps
Neodymium	150-2	90	100	73	88	15.35	cps
Nickel	60-2	547	493	493	511	6.03	cps
Phosphorus	31-2	17	50	33	33	49.99	cps
Potassium	39-2	51429	49488	49212	50043	2.41	cps
Rhodium	103-1	1922205	1944849	1934299	1933784	0.59	cps
Rhodium	103-2	1336133	1310996	1281489	1309539	2.09	cps
Scandium	45-1	1492758	1508601	1493748	1498369	0.59	cps
Scandium	45-2	45487	45126	43945	44853	1.80	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	9	13	9	10	20.36	cps
Selenium	82-1	-65	-3	10	-19	-208.26	cps
Silicon	28-1	15239611	15348209	15381306	15323042	0.48	cps
Silver	109-1	233	258	267	253	6.86	cps
Silver	107-1	317	267	208	264	20.55	cps
Sodium	23-2	4001130	3943497	3880120	3941582	1.54	cps
Strontium	86-1	98386	99361	97640	98462	0.88	cps
Strontium	88-1	844784	844277	847711	845591	0.22	cps
Sulfur	34-1	289475	300141	303655	297757	2.48	cps
Terbium	159-1	2253878	2263890	2254909	2257559	0.24	cps
Terbium	159-2	1400023	1398774	1367800	1388865	1.31	cps
Thallium	203-1	92	75	100	89	14.33	cps
Thallium	205-1	242	308	250	267	13.62	cps
Tin	118-1	492	525	475	497	5.12	cps
Titanium	47-1	6869	6902	6819	6863	0.61	cps
Uranium	238-1	1834	1492	1684	1670	10.26	cps
Vanadium	51-2	380	370	403	384	4.45	cps
Yttrium	89-1	2303432	2307068	2296520	2302340	0.23	cps
Yttrium	89-2	296470	293452	287171	292364	1.62	cps
Zinc	66-2	1307	1393	1217	1306	6.77	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01	Instrumnet Name :	P8
Client Sample ID :	390402169	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:54:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1709	1675	1867	1750	5.85	cps
Zirconium	91-1	400	308	367	358	12.95	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01DUP	Instrumnet Name :	P8
Client Sample ID :	390402169DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:58:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	953	1018	988	986	3.30	cps
Antimony	121-1	192	275	192	219	21.92	cps
Arsenic	75-1	849	669	959	826	17.76	cps
Barium	135-1	10104	11139	10196	10480	5.46	cps
Barium	137-1	18447	18639	18197	18427	1.20	cps
Beryllium	9-1	20	33	20	24	31.49	cps
Bismuth	209-1	1145077	1151616	1164782	1153825	0.87	cps
Bismuth	209-2	968926	977814	959355	968698	0.95	cps
Boron	11-1	8936	9854	9270	9353	4.96	cps
Boron	10-1	1659	1934	1825	1806	7.67	cps
Cadmium	106-1	1425	1475	1392	1431	2.93	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Cadmium	111-1	1033	1036	1010	1027	1.40	cps
Calcium	43-1	363781	361204	365123	363369	0.55	cps
Calcium	44-1	5789658	5826492	5921179	5845776	1.16	cps
Chromium	52-2	1540	1603	1413	1519	6.37	cps
Cobalt	59-2	447	383	427	419	7.73	cps
Copper	63-2	14454	14925	14705	14695	1.60	cps
Dysprosium	156-1	75	92	92	86	11.18	cps
Dysprosium	156-2	73	70	47	63	22.94	cps
Erbium	164-1	100	125	125	117	12.38	cps
Erbium	164-2	70	63	90	74	18.64	cps
Gadolinium	160-1	108	142	108	119	16.11	cps
Gadolinium	160-2	97	90	63	83	21.17	cps
Holmium	165-1	2096288	2096493	2158564	2117115	1.70	cps
Holmium	165-2	1400981	1415737	1396135	1404285	0.73	cps
Indium	115-1	1997271	2057234	2038895	2031133	1.51	cps
Indium	115-2	372440	382998	368836	374758	1.96	cps
Iron	56-2	186148	188684	186385	187072	0.75	cps
Iron	57-2	4695	4618	4745	4686	1.37	cps
Krypton	83-1	380	383	307	357	12.15	cps
Lead	207-1	2628	2434	2689	2584	5.17	cps
Lead	208-1	12014	12142	12330	12162	1.31	cps
Lead	206-1	3178	3039	3206	3141	2.84	cps
Lithium	6-1	150019	153392	155416	152942	1.78	cps
Magnesium	24-2	443602	435838	440891	440110	0.90	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01DUP	Instrumnet Name :	P8
Client Sample ID :	390402169DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:58:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81061	81855	80454	81123	0.87	cps
Molybdenum	94-1	700	625	750	692	9.10	cps
Molybdenum	95-1	142	133	100	125	17.63	cps
Molybdenum	96-1	217	175	317	236	30.84	cps
Molybdenum	97-1	83	50	75	69	24.98	cps
Molybdenum	98-1	258	192	208	219	15.81	cps
Neodymium	150-1	113	153	127	131	15.53	cps
Neodymium	150-2	70	73	57	67	13.22	cps
Nickel	60-2	547	467	477	497	8.78	cps
Phosphorus	31-2	42	25	25	31	31.50	cps
Potassium	39-2	49990	51713	50500	50734	1.74	cps
Rhodium	103-1	1894913	1933393	1963278	1930528	1.78	cps
Rhodium	103-2	1323180	1355411	1326395	1334995	1.33	cps
Scandium	45-1	1470840	1506882	1502035	1493252	1.31	cps
Scandium	45-2	45577	45574	44591	45247	1.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	4	9	7	41.70	cps
Selenium	82-1	-11	-59	25	-15	-286.94	cps
Silicon	28-1	15502653	15491104	15371166	15454974	0.47	cps
Silver	109-1	225	192	250	222	13.17	cps
Silver	107-1	233	300	267	267	12.50	cps
Sodium	23-2	4029757	4027902	3961633	4006431	0.97	cps
Strontium	86-1	98765	98530	100385	99226	1.02	cps
Strontium	88-1	838666	849310	852331	846769	0.85	cps
Sulfur	34-1	319682	325596	323434	322904	0.93	cps
Terbium	159-1	2221794	2288045	2256452	2255431	1.47	cps
Terbium	159-2	1431029	1459226	1438088	1442781	1.02	cps
Thallium	203-1	75	125	83	94	28.37	cps
Thallium	205-1	242	125	200	189	31.30	cps
Tin	118-1	425	367	425	406	8.30	cps
Titanium	47-1	6669	6860	6852	6794	1.59	cps
Uranium	238-1	1625	1559	1584	1589	2.12	cps
Vanadium	51-2	410	407	377	398	4.61	cps
Yttrium	89-1	2295803	2327805	2347317	2323642	1.12	cps
Yttrium	89-2	295890	296318	295830	296013	0.09	cps
Zinc	66-2	867	923	883	891	3.27	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01DUP	Instrumnet Name :	P8
Client Sample ID :	390402169DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 16:58:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1717	1909	1850	1825	5.39	cps
Zirconium	91-1	333	383	458	392	16.06	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01LX5	Instrumnet Name :	P8
Client Sample ID :	390402169L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-11 17:01:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255	200	253	236	13.17	cps
Antimony	121-1	108	108	58	92	31.49	cps
Arsenic	75-1	462	459	561	494	11.66	cps
Barium	135-1	2142	2259	2217	2206	2.68	cps
Barium	137-1	3534	3801	3926	3754	5.33	cps
Beryllium	9-1	20	30	23	24	20.83	cps
Bismuth	209-1	1194478	1228742	1184351	1202524	1.93	cps
Bismuth	209-2	993128	989913	1001249	994763	0.59	cps
Boron	11-1	2867	2867	2850	2862	0.34	cps
Boron	10-1	483	533	592	536	10.11	cps
Cadmium	106-1	1350	1625	1550	1508	9.42	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Cadmium	111-1	958	1154	1083	1065	9.34	cps
Calcium	43-1	74064	73826	74312	74068	0.33	cps
Calcium	44-1	1209328	1216247	1228949	1218175	0.82	cps
Chromium	52-2	607	563	597	589	3.85	cps
Cobalt	59-2	67	97	97	87	19.98	cps
Copper	63-2	3297	3387	3254	3313	2.05	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	67	83	8	53	74.62	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	2139517	2253094	2157218	2183276	2.80	cps
Holmium	165-2	1434875	1411279	1433825	1426660	0.93	cps
Indium	115-1	2031064	2117017	2041461	2063181	2.27	cps
Indium	115-2	383026	379363	383664	382018	0.61	cps
Iron	56-2	38493	37885	37340	37906	1.52	cps
Iron	57-2	911	839	995	915	8.51	cps
Krypton	83-1	417	380	370	389	6.32	cps
Lead	207-1	683	617	722	674	7.92	cps
Lead	208-1	3111	3006	3078	3065	1.76	cps
Lead	206-1	728	739	800	756	5.15	cps
Lithium	6-1	156273	160629	156829	157910	1.50	cps
Magnesium	24-2	88526	87209	87084	87606	0.91	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01LX5	Instrumnet Name :	P8
Client Sample ID :	390402169L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-11 17:01:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15559	16303	15863	15908	2.35	cps
Molybdenum	94-1	117	158	125	133	16.54	cps
Molybdenum	95-1	17	50	42	36	48.03	cps
Molybdenum	96-1	125	83	58	89	37.89	cps
Molybdenum	97-1	42	25	17	28	45.82	cps
Molybdenum	98-1	75	58	67	67	12.49	cps
Neodymium	150-1	40	53	53	49	15.75	cps
Neodymium	150-2	27	7	20	18	57.27	cps
Nickel	60-2	133	107	123	121	11.12	cps
Phosphorus	31-2	58	50	17	42	52.91	cps
Potassium	39-2	16861	16969	17236	17022	1.14	cps
Rhodium	103-1	2004117	2047430	2023535	2025027	1.07	cps
Rhodium	103-2	1383787	1360727	1366665	1370393	0.87	cps
Scandium	45-1	1489473	1546637	1497485	1511198	2.05	cps
Scandium	45-2	44999	44601	45832	45144	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	9	15	10	47.14	cps
Selenium	82-1	-75	-10	14	-23	-195.71	cps
Silicon	28-1	9870819	9846306	9872443	9863189	0.15	cps
Silver	109-1	208	192	92	164	38.50	cps
Silver	107-1	225	167	150	181	21.81	cps
Sodium	23-2	809613	804037	797550	803733	0.75	cps
Strontium	86-1	19690	20650	20157	20166	2.38	cps
Strontium	88-1	166745	168167	170150	168354	1.02	cps
Sulfur	34-1	274739	281136	276233	277369	1.21	cps
Terbium	159-1	2282028	2353754	2312913	2316232	1.55	cps
Terbium	159-2	1459225	1440792	1468048	1456022	0.96	cps
Thallium	203-1	67	25	42	44	47.19	cps
Thallium	205-1	125	158	150	144	12.01	cps
Tin	118-1	150	183	175	169	10.24	cps
Titanium	47-1	5576	5243	5376	5399	3.11	cps
Uranium	238-1	325	317	242	294	15.59	cps
Vanadium	51-2	77	87	113	92	20.55	cps
Yttrium	89-1	2314739	2439850	2359071	2371220	2.68	cps
Yttrium	89-2	299861	297636	297263	298253	0.47	cps
Zinc	66-2	213	247	257	239	9.50	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01LX5	Instrumnet Name :	P8
Client Sample ID :	390402169L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-11 17:01:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	400	458	406	12.39	cps
Zirconium	91-1	125	150	175	150	16.67	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:05:21	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373182	368145	363892	368407	1.26	cps
Antimony	121-1	1262854	1278484	1289781	1277040	1.06	cps
Arsenic	75-1	421151	428532	429820	426501	1.10	cps
Barium	135-1	1265027	1275136	1286800	1275654	0.85	cps
Barium	137-1	2161809	2197609	2242021	2200480	1.83	cps
Beryllium	9-1	155239	156540	157874	156551	0.84	cps
Bismuth	209-1	1276431	1198666	1209748	1228282	3.42	cps
Bismuth	209-2	1006160	1032256	1043212	1027209	1.85	cps
Boron	11-1	102053	100718	105545	102772	2.43	cps
Boron	10-1	19422	19464	20148	19678	2.07	cps
Cadmium	106-1	31463	32482	32749	32231	2.11	cps
Cadmium	108-1	20983	21300	20670	20985	1.50	cps
Cadmium	111-1	290492	295332	295483	293769	0.97	cps
Calcium	43-1	1756947	1770358	1811470	1779592	1.60	cps
Calcium	44-1	27759100	28057807	28342886	28053265	1.04	cps
Chromium	52-2	410021	406585	404445	407017	0.69	cps
Cobalt	59-2	712339	710480	710168	710996	0.17	cps
Copper	63-2	1110895	1097948	1088425	1099090	1.03	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	7	0	17	8	107.84	cps
Gadolinium	160-1	50	0	50	33	86.60	cps
Gadolinium	160-2	20	10	17	16	32.73	cps
Holmium	165-1	2437911	2267194	2283569	2329558	4.04	cps
Holmium	165-2	1513727	1544854	1568424	1542335	1.78	cps
Indium	115-1	2159733	2065852	2048232	2091272	2.87	cps
Indium	115-2	386710	388727	396788	390742	1.36	cps
Iron	56-2	72329782	71385532	71144390	71619902	0.87	cps
Iron	57-2	1843293	1839474	1807099	1829955	1.09	cps
Krypton	83-1	393	360	333	362	8.30	cps
Lead	207-1	499669	502060	504936	502222	0.53	cps
Lead	208-1	2226604	2249014	2270266	2248628	0.97	cps
Lead	206-1	549706	555059	560398	555054	0.96	cps
Lithium	6-1	163092	156830	159364	159762	1.97	cps
Magnesium	24-2	7275603	7222013	7179243	7225620	0.67	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:05:21	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	285997	285354	285143	285498	0.16	cps
Molybdenum	94-1	2305080	2283354	2283556	2290663	0.55	cps
Molybdenum	95-1	2867827	2830545	2854780	2851051	0.66	cps
Molybdenum	96-1	3136805	3144610	3112195	3131203	0.54	cps
Molybdenum	97-1	1714988	1726324	1736307	1725873	0.62	cps
Molybdenum	98-1	4429742	4466119	4432152	4442671	0.46	cps
Neodymium	150-1	60	80	80	73	15.75	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	201027	200509	197601	199712	0.92	cps
Phosphorus	31-2	7427	7344	7411	7394	0.60	cps
Potassium	39-2	3390849	3397981	3323023	3370618	1.23	cps
Rhodium	103-1	2109200	1961540	1954127	2008289	4.36	cps
Rhodium	103-2	1362848	1359970	1405493	1376104	1.85	cps
Scandium	45-1	1609743	1547142	1572066	1576317	2.00	cps
Scandium	45-2	48015	46985	47574	47525	1.09	cps
Selenium	77-2	617	633	683	644	5.38	cps
Selenium	78-2	2152	2209	2152	2171	1.53	cps
Selenium	82-1	21294	21450	21223	21322	0.54	cps
Silicon	28-1	9066413	9220417	9207122	9164650	0.93	cps
Silver	109-1	1253744	1270324	1261011	1261693	0.66	cps
Silver	107-1	1320740	1341564	1334727	1332344	0.80	cps
Sodium	23-2	18872167	18724422	18631040	18742543	0.65	cps
Strontium	86-1	362368	365176	363316	363620	0.39	cps
Strontium	88-1	3175446	3169596	3211336	3185459	0.71	cps
Sulfur	34-1	393716	390645	388749	391037	0.64	cps
Terbium	159-1	2519711	2370801	2408672	2433061	3.18	cps
Terbium	159-2	1528393	1561835	1593099	1561109	2.07	cps
Thallium	203-1	710858	719560	708501	712973	0.82	cps
Thallium	205-1	1709256	1700932	1684091	1698093	0.76	cps
Tin	118-1	819262	833592	826063	826306	0.87	cps
Titanium	47-1	831484	843225	843866	839525	0.83	cps
Uranium	238-1	2034510	2019620	2049317	2034482	0.73	cps
Vanadium	51-2	304887	302554	301633	303025	0.55	cps
Yttrium	89-1	2559303	2408584	2437429	2468439	3.24	cps
Yttrium	89-2	312623	311907	316296	313609	0.75	cps
Zinc	66-2	154264	152470	151082	152605	1.05	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:05:21	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1934937	1968498	1949105	1950847	0.86	cps
Zirconium	91-1	418676	424213	422502	421797	0.67	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:08:47	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	50	70	60	16.67	cps
Antimony	121-1	258	300	242	267	11.27	cps
Arsenic	75-1	428	400	452	427	6.08	cps
Barium	135-1	42	0	0	14	173.21	cps
Barium	137-1	33	17	33	28	34.64	cps
Beryllium	9-1	23	47	43	38	33.41	cps
Bismuth	209-1	1265314	1267824	1278509	1270549	0.55	cps
Bismuth	209-2	1072806	1047793	1048869	1056489	1.34	cps
Boron	11-1	2267	2234	2000	2167	6.71	cps
Boron	10-1	500	408	308	406	23.64	cps
Cadmium	106-1	1575	1509	1650	1578	4.49	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Cadmium	111-1	1100	1057	1172	1109	5.24	cps
Calcium	43-1	2604	2690	2550	2615	2.70	cps
Calcium	44-1	42170	41718	41214	41701	1.15	cps
Chromium	52-2	473	407	417	432	8.32	cps
Cobalt	59-2	110	67	107	94	25.53	cps
Copper	63-2	940	830	723	831	13.04	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	0	0	50	17	173.21	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	2230412	2235370	2283439	2249741	1.30	cps
Holmium	165-2	1505733	1477790	1477989	1487171	1.08	cps
Indium	115-1	2170642	2153948	2158991	2161194	0.40	cps
Indium	115-2	397033	387430	394837	393100	1.28	cps
Iron	56-2	1222	1028	833	1028	18.92	cps
Iron	57-2	39	28	22	30	28.65	cps
Krypton	83-1	370	387	310	356	11.34	cps
Lead	207-1	517	406	411	444	14.09	cps
Lead	208-1	1950	1811	1895	1885	3.71	cps
Lead	206-1	383	467	450	433	10.18	cps
Lithium	6-1	162500	163155	165382	163679	0.92	cps
Magnesium	24-2	83	150	92	108	33.53	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:08:47	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	10	14	35.26	cps
Molybdenum	94-1	125	125	133	128	3.76	cps
Molybdenum	95-1	158	183	117	153	22.04	cps
Molybdenum	96-1	175	150	100	142	26.96	cps
Molybdenum	97-1	117	117	58	97	34.64	cps
Molybdenum	98-1	250	233	108	197	39.26	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	17	17	19	20.36	cps
Phosphorus	31-2	42	17	8	22	78.07	cps
Potassium	39-2	10246	10171	9737	10051	2.73	cps
Rhodium	103-1	2085773	2089601	2116095	2097156	0.79	cps
Rhodium	103-2	1424783	1408571	1426299	1419884	0.69	cps
Scandium	45-1	1542415	1549718	1564339	1552157	0.72	cps
Scandium	45-2	46888	46778	46239	46635	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	11	8	35.21	cps
Selenium	82-1	-8	-47	74	6	1002.23	cps
Silicon	28-1	8661310	8693818	8723049	8692726	0.36	cps
Silver	109-1	292	258	317	289	10.13	cps
Silver	107-1	400	342	325	356	11.08	cps
Sodium	23-2	18020	18045	17687	17917	1.12	cps
Strontium	86-1	625	600	575	600	4.17	cps
Strontium	88-1	33	50	58	47	26.97	cps
Sulfur	34-1	278988	283143	280075	280735	0.77	cps
Terbium	159-1	2427219	2389148	2415972	2410780	0.81	cps
Terbium	159-2	1530829	1515447	1517540	1521272	0.55	cps
Thallium	203-1	167	208	158	178	15.07	cps
Thallium	205-1	208	292	292	264	18.23	cps
Tin	118-1	225	167	225	206	16.38	cps
Titanium	47-1	4526	5368	4684	4859	9.21	cps
Uranium	238-1	25	50	75	50	50.00	cps
Vanadium	51-2	10	37	20	22	60.63	cps
Yttrium	89-1	2432646	2429885	2449096	2437209	0.43	cps
Yttrium	89-2	312731	304595	307457	308261	1.34	cps
Zinc	66-2	83	113	77	91	21.44	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:08:47	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	183	208	219	19.49	cps
Zirconium	91-1	75	83	133	97	32.45	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MS	Instrumnet Name :	P8
Client Sample ID :	390402169MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:12:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13382	12872	13212	13155	1.98	cps
Antimony	121-1	2000785	2040664	1979283	2006911	1.55	cps
Arsenic	75-1	666979	680330	658558	668622	1.64	cps
Barium	135-1	110333	111399	111063	110932	0.49	cps
Barium	137-1	189705	192141	187575	189807	1.20	cps
Beryllium	9-1	60353	61414	59379	60382	1.69	cps
Bismuth	209-1	1175442	1175098	1166623	1172388	0.43	cps
Bismuth	209-2	936201	966646	948370	950406	1.61	cps
Boron	11-1	69034	72249	72927	71403	2.91	cps
Boron	10-1	13307	13540	13682	13510	1.40	cps
Cadmium	106-1	12732	12139	12006	12292	3.14	cps
Cadmium	108-1	7707	7777	7552	7679	1.50	cps
Cadmium	111-1	115946	115859	113025	114943	1.45	cps
Calcium	43-1	378877	383479	371589	377982	1.59	cps
Calcium	44-1	6066212	6091877	6044233	6067441	0.39	cps
Chromium	52-2	315055	310000	310681	311912	0.88	cps
Cobalt	59-2	277111	274891	273646	275216	0.64	cps
Copper	63-2	348218	344914	340849	344660	1.07	cps
Dysprosium	156-1	72685	74363	73684	73577	1.15	cps
Dysprosium	156-2	9213	9474	9233	9307	1.56	cps
Erbium	164-1	58	117	75	83	36.05	cps
Erbium	164-2	33	60	73	56	36.66	cps
Gadolinium	160-1	133	150	142	142	5.88	cps
Gadolinium	160-2	103	70	73	82	22.33	cps
Holmium	165-1	2085142	2137912	2096926	2106660	1.31	cps
Holmium	165-2	1336711	1403711	1372066	1370830	2.45	cps
Indium	115-1	2022977	1997858	1955314	1992050	1.72	cps
Indium	115-2	352563	368383	361903	360950	2.20	cps
Iron	56-2	1843581	1866351	1844799	1851577	0.69	cps
Iron	57-2	44912	44756	45123	44930	0.41	cps
Krypton	83-1	460	413	353	409	13.08	cps
Lead	207-1	982130	983906	965942	977326	1.01	cps
Lead	208-1	4499008	4513479	4423586	4478691	1.08	cps
Lead	206-1	1103064	1112055	1085411	1100177	1.23	cps
Lithium	6-1	153843	154508	152234	153528	0.76	cps
Magnesium	24-2	498789	493061	489068	493639	0.99	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MS	Instrumnet Name :	P8
Client Sample ID :	390402169MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:12:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133579	134255	132771	133535	0.56	cps
Molybdenum	94-1	245611	243280	235715	241535	2.14	cps
Molybdenum	95-1	431943	432081	423082	429035	1.20	cps
Molybdenum	96-1	461486	457476	444518	454493	1.95	cps
Molybdenum	97-1	262602	265467	256700	261590	1.71	cps
Molybdenum	98-1	683001	691051	663190	679081	2.11	cps
Neodymium	150-1	193	173	227	198	13.62	cps
Neodymium	150-2	90	67	90	82	16.38	cps
Nickel	60-2	197781	196959	194956	196565	0.74	cps
Phosphorus	31-2	4301	4042	4201	4181	3.12	cps
Potassium	39-2	302271	303813	302293	302792	0.29	cps
Rhodium	103-1	1954364	1912449	1920367	1929060	1.15	cps
Rhodium	103-2	1267257	1328334	1280497	1292029	2.49	cps
Scandium	45-1	1469342	1494692	1490455	1484830	0.91	cps
Scandium	45-2	42962	44437	42875	43425	2.02	cps
Selenium	77-2	2427	2517	2290	2411	4.73	cps
Selenium	78-2	8414	7923	8238	8191	3.04	cps
Selenium	82-1	83678	84209	82289	83392	1.19	cps
Silicon	28-1	16792032	16797632	16577129	16722264	0.75	cps
Silver	109-1	185768	185154	180666	183863	1.51	cps
Silver	107-1	197040	198536	191369	195649	1.93	cps
Sodium	23-2	4191391	4147239	4173217	4170616	0.53	cps
Strontium	86-1	242361	244185	235885	240810	1.81	cps
Strontium	88-1	2121762	2137083	2104095	2120980	0.78	cps
Sulfur	34-1	335876	332929	324634	331146	1.76	cps
Terbium	159-1	2283595	2318907	2270250	2290918	1.10	cps
Terbium	159-2	1362661	1447035	1397440	1402378	3.02	cps
Thallium	203-1	2786187	2796413	2776108	2786236	0.36	cps
Thallium	205-1	6536574	6495910	6428175	6486886	0.84	cps
Tin	118-1	1143051	1145631	1116316	1134999	1.43	cps
Titanium	47-1	70201	72430	69800	70810	2.00	cps
Uranium	238-1	1667	1875	1550	1697	9.70	cps
Vanadium	51-2	171878	171480	170923	171427	0.28	cps
Yttrium	89-1	2315983	2308750	2300107	2308280	0.34	cps
Yttrium	89-2	283107	293370	283448	286641	2.03	cps
Zinc	66-2	31646	30958	31813	31473	1.44	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MS	Instrumnet Name :	P8
Client Sample ID :	390402169MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:12:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2675	2400	2475	2517	5.65	cps
Zirconium	91-1	675	767	825	756	10.01	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MSD	Instrumnet Name :	P8
Client Sample ID :	390402169MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:15:53	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13828	13970	13595	13798	1.37	cps
Antimony	121-1	2054487	2056102	2011674	2040755	1.23	cps
Arsenic	75-1	674100	690110	690216	684809	1.35	cps
Barium	135-1	113526	112861	112484	112957	0.47	cps
Barium	137-1	194278	196051	192864	194398	0.82	cps
Beryllium	9-1	61561	63111	62913	62528	1.35	cps
Bismuth	209-1	1157085	1172970	1186561	1172205	1.26	cps
Bismuth	209-2	973310	972818	984264	976797	0.66	cps
Boron	11-1	71235	72509	73580	72441	1.62	cps
Boron	10-1	13824	14666	14249	14247	2.96	cps
Cadmium	106-1	11739	11981	12073	11931	1.44	cps
Cadmium	108-1	7665	8123	7602	7797	3.65	cps
Cadmium	111-1	116305	117733	116901	116980	0.61	cps
Calcium	43-1	380986	379850	380059	380298	0.16	cps
Calcium	44-1	6116283	6180875	6135784	6144314	0.54	cps
Chromium	52-2	326353	322884	326254	325164	0.61	cps
Cobalt	59-2	286326	285517	283154	284999	0.58	cps
Copper	63-2	363432	355298	362477	360402	1.23	cps
Dysprosium	156-1	75803	75459	75603	75622	0.23	cps
Dysprosium	156-2	9717	9450	9484	9550	1.52	cps
Erbium	164-1	142	100	117	119	17.56	cps
Erbium	164-2	53	70	97	73	29.81	cps
Gadolinium	160-1	83	175	125	128	35.92	cps
Gadolinium	160-2	63	83	97	81	20.68	cps
Holmium	165-1	2131007	2121398	2196612	2149672	1.90	cps
Holmium	165-2	1425800	1411907	1419960	1419223	0.49	cps
Indium	115-1	2012170	2003887	2041101	2019053	0.97	cps
Indium	115-2	370632	371015	372289	371312	0.23	cps
Iron	56-2	1919123	1935640	1950336	1935033	0.81	cps
Iron	57-2	47046	47565	47336	47316	0.55	cps
Krypton	83-1	393	343	407	381	8.76	cps
Lead	207-1	977680	984067	994663	985470	0.87	cps
Lead	208-1	4490072	4516236	4560547	4522285	0.79	cps
Lead	206-1	1104788	1106320	1126618	1112576	1.10	cps
Lithium	6-1	151905	152778	155518	153401	1.23	cps
Magnesium	24-2	510560	500655	504479	505231	0.99	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MSD	Instrumnet Name :	P8
Client Sample ID :	390402169MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:15:53	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	136914	137912	139304	138043	0.87	cps
Molybdenum	94-1	244025	244908	248536	245823	0.97	cps
Molybdenum	95-1	432062	437866	442083	437337	1.15	cps
Molybdenum	96-1	458274	460507	464139	460973	0.64	cps
Molybdenum	97-1	262819	264329	263747	263631	0.29	cps
Molybdenum	98-1	681167	677365	691064	683199	1.04	cps
Neodymium	150-1	207	187	240	211	12.76	cps
Neodymium	150-2	97	117	103	106	9.65	cps
Nickel	60-2	206232	204044	204466	204914	0.57	cps
Phosphorus	31-2	4242	4309	4726	4426	5.92	cps
Potassium	39-2	313177	308920	314028	312042	0.88	cps
Rhodium	103-1	1928734	1893441	1963007	1928394	1.80	cps
Rhodium	103-2	1334263	1326546	1338551	1333120	0.46	cps
Scandium	45-1	1481261	1524659	1534611	1513511	1.87	cps
Scandium	45-2	45243	45086	44668	44999	0.66	cps
Selenium	77-2	2414	2560	2674	2549	5.11	cps
Selenium	78-2	8707	8568	8740	8671	1.05	cps
Selenium	82-1	85056	84069	84627	84584	0.59	cps
Silicon	28-1	16656715	16621756	16739917	16672796	0.36	cps
Silver	109-1	184925	191301	188133	188120	1.69	cps
Silver	107-1	197053	196068	197259	196794	0.32	cps
Sodium	23-2	4305301	4282207	4324512	4304007	0.49	cps
Strontium	86-1	241316	246769	242795	243627	1.16	cps
Strontium	88-1	2144689	2143377	2126389	2138152	0.48	cps
Sulfur	34-1	331184	329317	325725	328742	0.84	cps
Terbium	159-1	2286705	2254899	2320884	2287496	1.44	cps
Terbium	159-2	1454458	1454349	1451535	1453447	0.11	cps
Thallium	203-1	2858794	2841330	2918762	2872962	1.41	cps
Thallium	205-1	6550470	6526363	6723820	6600218	1.63	cps
Tin	118-1	1155251	1163069	1140327	1152882	1.00	cps
Titanium	47-1	72598	74499	74465	73854	1.47	cps
Uranium	238-1	1667	1600	1792	1686	5.77	cps
Vanadium	51-2	179828	178755	178131	178905	0.48	cps
Yttrium	89-1	2322050	2333648	2357126	2337608	0.76	cps
Yttrium	89-2	300829	294099	296282	297070	1.16	cps
Zinc	66-2	31717	31877	31863	31819	0.28	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01MSD	Instrumnet Name :	P8
Client Sample ID :	390402169MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:15:53	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2200	2067	2184	2150	3.38	cps
Zirconium	91-1	775	742	725	747	3.41	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01A	Instrumnet Name :	P8
Client Sample ID :	390402169A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:19:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13750	13838	13940	13843	0.69	cps
Antimony	121-1	1990596	2024724	2033447	2016256	1.12	cps
Arsenic	75-1	668622	680436	676924	675327	0.90	cps
Barium	135-1	109577	110300	113702	111193	1.98	cps
Barium	137-1	193544	191005	190347	191632	0.88	cps
Beryllium	9-1	62625	61491	62491	62202	1.00	cps
Bismuth	209-1	1172053	1161480	1175450	1169661	0.62	cps
Bismuth	209-2	972979	977234	962056	970756	0.81	cps
Boron	11-1	71687	74192	73849	73243	1.85	cps
Boron	10-1	13465	14308	14283	14019	3.42	cps
Cadmium	106-1	11914	11630	12289	11945	2.77	cps
Cadmium	108-1	7319	7586	7527	7477	1.88	cps
Cadmium	111-1	116014	114075	117513	115867	1.49	cps
Calcium	43-1	377207	380152	384208	380522	0.92	cps
Calcium	44-1	6027168	6067930	6174678	6089925	1.25	cps
Chromium	52-2	326582	319011	321416	322336	1.20	cps
Cobalt	59-2	284185	281454	284322	283320	0.57	cps
Copper	63-2	358705	355293	355546	356515	0.53	cps
Dysprosium	156-1	74328	73708	75921	74652	1.53	cps
Dysprosium	156-2	9227	9307	9193	9242	0.63	cps
Erbium	164-1	167	117	125	136	19.68	cps
Erbium	164-2	70	77	93	80	15.03	cps
Gadolinium	160-1	125	142	167	144	14.52	cps
Gadolinium	160-2	110	87	117	104	15.08	cps
Holmium	165-1	2128578	2103928	2086451	2106319	1.00	cps
Holmium	165-2	1419940	1420293	1401096	1413776	0.78	cps
Indium	115-1	1952739	2004112	2011234	1989362	1.60	cps
Indium	115-2	365499	365623	373631	368251	1.27	cps
Iron	56-2	1853147	1924639	1911818	1896535	2.01	cps
Iron	57-2	46573	47498	46991	47021	0.99	cps
Krypton	83-1	310	423	400	378	15.84	cps
Lead	207-1	974667	961159	977930	971252	0.92	cps
Lead	208-1	4472492	4447253	4467390	4462378	0.30	cps
Lead	206-1	1099248	1105622	1109469	1104780	0.47	cps
Lithium	6-1	151220	153625	155213	153353	1.31	cps
Magnesium	24-2	505310	497175	501487	501324	0.81	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01A	Instrumnet Name :	P8
Client Sample ID :	390402169A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:19:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138395	137341	136196	137311	0.80	cps
Molybdenum	94-1	239060	244206	244398	242554	1.25	cps
Molybdenum	95-1	426676	432779	437274	432243	1.23	cps
Molybdenum	96-1	456554	454560	462900	458004	0.95	cps
Molybdenum	97-1	264213	262449	266144	264268	0.70	cps
Molybdenum	98-1	672652	687011	693267	684310	1.54	cps
Neodymium	150-1	153	160	173	162	6.28	cps
Neodymium	150-2	80	73	57	70	17.17	cps
Nickel	60-2	201781	201613	202717	202037	0.29	cps
Phosphorus	31-2	4267	4501	4418	4395	2.69	cps
Potassium	39-2	307741	311818	310021	309860	0.66	cps
Rhodium	103-1	1937083	1945453	1970625	1951053	0.89	cps
Rhodium	103-2	1325659	1319634	1329384	1324893	0.37	cps
Scandium	45-1	1482150	1497627	1528286	1502688	1.56	cps
Scandium	45-2	44196	44962	44671	44610	0.87	cps
Selenium	77-2	2444	2234	2440	2372	5.07	cps
Selenium	78-2	8369	8662	8477	8503	1.74	cps
Selenium	82-1	84679	84109	84873	84554	0.47	cps
Silicon	28-1	16441658	16636638	16561149	16546482	0.59	cps
Silver	109-1	183200	184822	185252	184424	0.59	cps
Silver	107-1	195424	192254	196566	194748	1.15	cps
Sodium	23-2	4284856	4232560	4225067	4247494	0.77	cps
Strontium	86-1	242027	242648	244015	242897	0.42	cps
Strontium	88-1	2104178	2113660	2119542	2112460	0.37	cps
Sulfur	34-1	326658	328840	325627	327042	0.50	cps
Terbium	159-1	2256676	2242159	2270200	2256345	0.62	cps
Terbium	159-2	1425764	1427030	1444997	1432597	0.75	cps
Thallium	203-1	2852740	2834656	2808341	2831912	0.79	cps
Thallium	205-1	6545962	6524898	6510562	6527140	0.27	cps
Tin	118-1	1128134	1150351	1140473	1139653	0.98	cps
Titanium	47-1	71165	73553	71919	72212	1.69	cps
Uranium	238-1	1659	1500	1442	1534	7.31	cps
Vanadium	51-2	175677	178725	176835	177079	0.87	cps
Yttrium	89-1	2309985	2285106	2351167	2315419	1.44	cps
Yttrium	89-2	295622	295052	299993	296889	0.91	cps
Zinc	66-2	32067	31947	32014	32009	0.19	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2329-01A	Instrumnet Name :	P8
Client Sample ID :	390402169A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:19:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2217	2175	2159	2184	1.38	cps
Zirconium	91-1	733	775	758	756	2.78	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW148-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:25:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	60	105	78	30.16	cps
Antimony	121-1	12573	9654	8119	10116	22.37	cps
Arsenic	75-1	25614	25716	27130	26153	3.24	cps
Barium	135-1	221598	228803	238398	229600	3.67	cps
Barium	137-1	384892	392678	409025	395532	3.11	cps
Beryllium	9-1	50	57	30	46	30.47	cps
Bismuth	209-1	1173991	1201592	1219382	1198322	1.91	cps
Bismuth	209-2	926885	948070	966269	947075	2.08	cps
Boron	11-1	78506	81306	83409	81074	3.03	cps
Boron	10-1	15459	15392	15242	15364	0.72	cps
Cadmium	106-1	1092	1092	1217	1133	6.37	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Cadmium	111-1	821	814	915	850	6.66	cps
Calcium	43-1	602544	620966	624274	615928	1.90	cps
Calcium	44-1	9695656	9967855	9972176	9878562	1.60	cps
Chromium	52-2	1467	1510	1400	1459	3.80	cps
Cobalt	59-2	100	117	140	119	16.90	cps
Copper	63-2	9830	9377	8980	9396	4.53	cps
Dysprosium	156-1	8	17	75	33	108.98	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	13	20	23	19	26.96	cps
Holmium	165-1	2025707	2047710	2076663	2050027	1.25	cps
Holmium	165-2	1271680	1322975	1303218	1299291	1.99	cps
Indium	115-1	2347195	2262283	2247870	2285782	2.35	cps
Indium	115-2	357333	358706	362501	359514	0.74	cps
Iron	56-2	2494635	2541760	2541819	2526071	1.08	cps
Iron	57-2	61531	60867	62133	61510	1.03	cps
Krypton	83-1	400	367	333	367	9.09	cps
Lead	207-1	1761	1433	1522	1572	10.78	cps
Lead	208-1	7507	6812	6534	6951	7.21	cps
Lead	206-1	1878	1756	1639	1758	6.80	cps
Lithium	6-1	329402	351191	370572	350388	5.88	cps
Magnesium	24-2	298258	289367	288773	292133	1.82	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW148-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:25:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	282744	287251	281484	283826	1.07	cps
Molybdenum	94-1	450	508	625	528	16.88	cps
Molybdenum	95-1	658	733	617	669	8.83	cps
Molybdenum	96-1	775	833	692	767	9.29	cps
Molybdenum	97-1	458	467	583	503	13.90	cps
Molybdenum	98-1	1225	1108	1175	1170	5.00	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	640	623	740	668	9.45	cps
Phosphorus	31-2	42	42	67	50	28.87	cps
Potassium	39-2	64750	65570	65487	65269	0.69	cps
Rhodium	103-1	1734081	1812244	1850713	1799013	3.30	cps
Rhodium	103-2	1195514	1199319	1228067	1207634	1.47	cps
Scandium	45-1	1300594	1341232	1360083	1333970	2.28	cps
Scandium	45-2	36471	36434	36808	36571	0.56	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	7	19	10	78.08	cps
Selenium	82-1	-1	40	48	29	91.57	cps
Silicon	28-1	19310760	19377425	19607345	19431843	0.80	cps
Silver	109-1	15493	12306	9129	12309	25.85	cps
Silver	107-1	16202	12306	9604	12704	26.11	cps
Sodium	23-2	5006934	4930719	5007948	4981867	0.89	cps
Strontium	86-1	225082	230711	230723	228839	1.42	cps
Strontium	88-1	1939203	2019325	2119740	2026089	4.46	cps
Sulfur	34-1	234026	231026	232355	232469	0.65	cps
Terbium	159-1	2098529	2186385	2286858	2190590	4.30	cps
Terbium	159-2	1286461	1311532	1345136	1314376	2.24	cps
Thallium	203-1	92	183	50	108	62.97	cps
Thallium	205-1	333	242	233	269	20.59	cps
Tin	118-1	12465	11147	9754	11122	12.19	cps
Titanium	47-1	4551	4251	4359	4387	3.46	cps
Uranium	238-1	17	42	17	25	57.73	cps
Vanadium	51-2	220	167	237	208	17.60	cps
Yttrium	89-1	2057011	2138283	2180333	2125209	2.95	cps
Yttrium	89-2	248398	249466	254596	250820	1.32	cps
Zinc	66-2	1350	1337	1473	1387	5.43	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW148-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:25:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	267	275	267	3.13	cps
Zirconium	91-1	100	58	92	83	26.46	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-02	Instrumnet Name :	P8
Client Sample ID :	ST006RW116-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:28:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	63	68	66	4.38	cps
Antimony	121-1	6560	7061	6627	6749	4.02	cps
Arsenic	75-1	24907	25405	25580	25297	1.38	cps
Barium	135-1	73388	74963	76747	75033	2.24	cps
Barium	137-1	127317	132524	131557	130466	2.12	cps
Beryllium	9-1	30	37	20	29	29.04	cps
Bismuth	209-1	1404258	1443787	1462154	1436733	2.06	cps
Bismuth	209-2	1096019	1106231	1106683	1102978	0.55	cps
Boron	11-1	52790	54864	54170	53941	1.96	cps
Boron	10-1	10012	10312	10579	10301	2.75	cps
Cadmium	106-1	1358	1450	1392	1400	3.31	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	969	1013	985	989	2.28	cps
Calcium	43-1	516707	520553	528915	522058	1.20	cps
Calcium	44-1	8251107	8456270	8565561	8424313	1.90	cps
Chromium	52-2	1577	1770	1620	1656	6.13	cps
Cobalt	59-2	717	677	703	699	2.91	cps
Copper	63-2	8299	7746	7602	7882	4.67	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	20	7	0	9	114.55	cps
Gadolinium	160-1	17	0	25	14	91.65	cps
Gadolinium	160-2	17	23	3	14	70.51	cps
Holmium	165-1	2346330	2491301	2512422	2450018	3.69	cps
Holmium	165-2	1460257	1449165	1470154	1459859	0.72	cps
Indium	115-1	2312123	2324490	2364453	2333689	1.17	cps
Indium	115-2	368335	371735	369690	369920	0.46	cps
Iron	56-2	185964	186335	184983	185761	0.38	cps
Iron	57-2	4707	4629	4468	4601	2.65	cps
Krypton	83-1	383	373	420	392	6.26	cps
Lead	207-1	678	628	672	659	4.16	cps
Lead	208-1	3323	3195	2772	3097	9.30	cps
Lead	206-1	772	811	706	763	7.00	cps
Lithium	6-1	341250	347581	350348	346393	1.35	cps
Magnesium	24-2	196102	192901	193510	194171	0.88	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-02	Instrumnet Name :	P8
Client Sample ID :	ST006RW116-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:28:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188401	188706	187837	188315	0.23	cps
Molybdenum	94-1	1450	1467	1058	1325	17.44	cps
Molybdenum	95-1	2009	2350	2167	2175	7.86	cps
Molybdenum	96-1	2459	2367	2425	2417	1.92	cps
Molybdenum	97-1	1450	1684	1375	1503	10.70	cps
Molybdenum	98-1	3509	3209	3351	3356	4.47	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1110	1193	1070	1125	5.60	cps
Phosphorus	31-2	42	8	8	19	99.00	cps
Potassium	39-2	67513	66407	67412	67111	0.91	cps
Rhodium	103-1	2012398	2058921	2114518	2061946	2.48	cps
Rhodium	103-2	1314031	1318274	1307141	1313149	0.43	cps
Scandium	45-1	1428043	1434050	1450966	1437686	0.83	cps
Scandium	45-2	36518	37614	36638	36923	1.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	6	4	7	56.78	cps
Selenium	82-1	13	35	32	27	45.07	cps
Silicon	28-1	17334382	17402941	17587450	17441591	0.75	cps
Silver	109-1	5385	4451	3759	4532	18.00	cps
Silver	107-1	6252	5093	4026	5123	21.73	cps
Sodium	23-2	2978726	2920980	2921608	2940438	1.13	cps
Strontium	86-1	227672	233688	238840	233400	2.39	cps
Strontium	88-1	2023197	2054606	2090567	2056123	1.64	cps
Sulfur	34-1	336574	336042	337211	336609	0.17	cps
Terbium	159-1	2515966	2595326	2655246	2588846	2.70	cps
Terbium	159-2	1489677	1478120	1494796	1487531	0.57	cps
Thallium	203-1	150	158	83	131	31.49	cps
Thallium	205-1	267	308	292	289	7.26	cps
Tin	118-1	7552	7577	7853	7661	2.17	cps
Titanium	47-1	4059	3984	4017	4020	0.93	cps
Uranium	238-1	2934	3292	3484	3237	8.63	cps
Vanadium	51-2	2544	2527	2317	2462	5.13	cps
Yttrium	89-1	2364252	2407651	2503626	2425176	2.94	cps
Yttrium	89-2	266131	266339	265044	265838	0.26	cps
Zinc	66-2	887	863	850	867	2.14	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-02	Instrumnet Name :	P8
Client Sample ID :	ST006RW116-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:28:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	108	150	172	44.96	cps
Zirconium	91-1	83	42	83	69	34.64	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-03	Instrumnet Name :	P8
Client Sample ID :	ST006RW163-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:32:25	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	240	210	221	7.54	cps
Antimony	121-1	6127	5960	5802	5963	2.73	cps
Arsenic	75-1	25279	24636	25456	25124	1.72	cps
Barium	135-1	165970	166746	170149	167622	1.33	cps
Barium	137-1	282778	283661	293799	286746	2.14	cps
Beryllium	9-1	23	40	33	32	26.04	cps
Bismuth	209-1	1525431	1528244	1568138	1540604	1.55	cps
Bismuth	209-2	1160385	1163518	1174019	1165974	0.61	cps
Boron	11-1	42915	44211	45390	44172	2.80	cps
Boron	10-1	8153	8228	8678	8353	3.40	cps
Cadmium	106-1	1408	1417	1567	1464	6.09	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Cadmium	111-1	1008	997	1116	1040	6.33	cps
Calcium	43-1	681286	683546	696029	686954	1.16	cps
Calcium	44-1	10719236	11044184	11223557	10995659	2.32	cps
Chromium	52-2	1160	1177	1143	1160	1.44	cps
Cobalt	59-2	1137	1110	937	1061	10.23	cps
Copper	63-2	7422	7012	7105	7180	2.99	cps
Dysprosium	156-1	42	67	25	44	47.19	cps
Dysprosium	156-2	13	23	30	22	37.76	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	17	3	20	13	66.16	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	27	20	40	29	35.25	cps
Holmium	165-1	2610119	2598452	2704530	2637700	2.21	cps
Holmium	165-2	1557771	1564879	1532984	1551878	1.08	cps
Indium	115-1	2399065	2424160	2408626	2410617	0.53	cps
Indium	115-2	374203	375570	369488	373087	0.86	cps
Iron	56-2	68094	67798	67045	67645	0.80	cps
Iron	57-2	1845	1761	1583	1730	7.71	cps
Krypton	83-1	443	313	423	393	17.80	cps
Lead	207-1	817	744	867	809	7.59	cps
Lead	208-1	3884	3661	3628	3724	3.73	cps
Lead	206-1	972	1028	778	926	14.18	cps
Lithium	6-1	308250	314823	319216	314096	1.76	cps
Magnesium	24-2	241841	239741	236493	239358	1.13	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-03	Instrumnet Name :	P8
Client Sample ID :	ST006RW163-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:32:25	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193303	194676	192523	193501	0.56	cps
Molybdenum	94-1	758	742	567	689	15.41	cps
Molybdenum	95-1	1458	1483	1183	1375	12.11	cps
Molybdenum	96-1	1308	1400	1433	1381	4.69	cps
Molybdenum	97-1	708	858	667	745	13.54	cps
Molybdenum	98-1	1950	1700	1859	1836	6.89	cps
Neodymium	150-1	40	53	53	49	15.75	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	1733	1690	1827	1750	3.99	cps
Phosphorus	31-2	25	8	58	31	83.33	cps
Potassium	39-2	61786	62724	61384	61965	1.11	cps
Rhodium	103-1	2146004	2145636	2194140	2161927	1.29	cps
Rhodium	103-2	1344624	1358380	1325064	1342689	1.25	cps
Scandium	45-1	1414015	1445530	1467276	1442274	1.86	cps
Scandium	45-2	36741	36374	36153	36423	0.82	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	13	6	7	66.14	cps
Selenium	82-1	6	116	27	50	117.30	cps
Silicon	28-1	16333312	16161578	16188806	16227899	0.57	cps
Silver	109-1	3534	3009	2592	3045	15.50	cps
Silver	107-1	3592	2975	2950	3173	11.46	cps
Sodium	23-2	2426964	2412795	2397316	2412358	0.61	cps
Strontium	86-1	395240	403734	400802	399925	1.08	cps
Strontium	88-1	3431946	3454114	3508541	3464867	1.14	cps
Sulfur	34-1	306586	306465	305903	306318	0.12	cps
Terbium	159-1	2730829	2749919	2844199	2774982	2.19	cps
Terbium	159-2	1566854	1583235	1583084	1577724	0.60	cps
Thallium	203-1	217	117	175	169	29.65	cps
Thallium	205-1	400	358	550	436	23.11	cps
Tin	118-1	6193	6602	6585	6460	3.58	cps
Titanium	47-1	3951	4134	3976	4020	2.47	cps
Uranium	238-1	5243	5551	5610	5468	3.60	cps
Vanadium	51-2	2850	2984	2740	2858	4.26	cps
Yttrium	89-1	2521893	2509284	2550330	2527169	0.83	cps
Yttrium	89-2	267730	269742	265270	267581	0.84	cps
Zinc	66-2	2887	2694	2927	2836	4.40	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-03	Instrumnet Name :	P8
Client Sample ID :	ST006RW163-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:32:25	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	250	208	264	24.12	cps
Zirconium	91-1	108	67	142	106	35.60	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0504-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:35:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	60	75	68	11.11	cps
Antimony	121-1	5543	5802	6060	5802	4.46	cps
Arsenic	75-1	26848	26805	30084	27912	6.74	cps
Barium	135-1	81041	84193	84554	83262	2.32	cps
Barium	137-1	140002	138857	143724	140861	1.81	cps
Beryllium	9-1	47	47	10	34	61.46	cps
Bismuth	209-1	1582060	1615181	1633362	1610201	1.62	cps
Bismuth	209-2	1195767	1202319	1189867	1195984	0.52	cps
Boron	11-1	49353	50858	50783	50331	1.68	cps
Boron	10-1	9445	10029	9954	9809	3.24	cps
Cadmium	106-1	1433	1400	1492	1442	3.22	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Cadmium	111-1	1008	988	1050	1015	3.09	cps
Calcium	43-1	511144	517253	519682	516027	0.85	cps
Calcium	44-1	8278682	8328578	8393821	8333693	0.69	cps
Chromium	52-2	1537	1540	1510	1529	1.08	cps
Cobalt	59-2	750	783	753	762	2.41	cps
Copper	63-2	6325	5625	5751	5900	6.32	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	2627118	2755959	2799286	2727454	3.28	cps
Holmium	165-2	1593233	1577923	1602929	1591361	0.79	cps
Indium	115-1	2446756	2447073	2465401	2453077	0.44	cps
Indium	115-2	371383	370853	362170	368135	1.41	cps
Iron	56-2	216681	216066	216600	216449	0.15	cps
Iron	57-2	5468	5479	5196	5381	2.98	cps
Krypton	83-1	413	357	343	371	10.02	cps
Lead	207-1	561	544	483	530	7.73	cps
Lead	208-1	2384	2389	2228	2333	3.92	cps
Lead	206-1	600	628	578	602	4.16	cps
Lithium	6-1	291534	297904	304253	297897	2.13	cps
Magnesium	24-2	186996	181276	181047	183106	1.84	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0504-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:35:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	195720	194437	192307	194155	0.89	cps
Molybdenum	94-1	1358	1450	1350	1386	4.00	cps
Molybdenum	95-1	2359	2442	2125	2309	7.11	cps
Molybdenum	96-1	2350	2609	2709	2556	7.24	cps
Molybdenum	97-1	1450	1433	1492	1458	2.06	cps
Molybdenum	98-1	3809	3659	3476	3648	4.58	cps
Neodymium	150-1	33	13	13	20	57.76	cps
Neodymium	150-2	0	17	0	6	173.21	cps
Nickel	60-2	1240	1120	1200	1187	5.15	cps
Phosphorus	31-2	42	25	17	28	45.82	cps
Potassium	39-2	61318	59920	60012	60417	1.29	cps
Rhodium	103-1	2180301	2188688	2250729	2206573	1.74	cps
Rhodium	103-2	1363042	1362084	1331192	1352106	1.34	cps
Scandium	45-1	1421337	1454828	1450984	1442383	1.27	cps
Scandium	45-2	34813	35151	34710	34891	0.66	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	11	9	9	19.98	cps
Selenium	82-1	-26	126	55	52	146.22	cps
Silicon	28-1	16945741	16972105	16926423	16948090	0.14	cps
Silver	109-1	2592	2575	1925	2364	16.08	cps
Silver	107-1	2850	2175	2200	2409	15.89	cps
Sodium	23-2	2779821	2738235	2749400	2755819	0.78	cps
Strontium	86-1	241085	246785	246280	244716	1.29	cps
Strontium	88-1	2130809	2155255	2146060	2144041	0.58	cps
Sulfur	34-1	341082	338439	338268	339263	0.47	cps
Terbium	159-1	2833930	2893158	2979829	2902306	2.53	cps
Terbium	159-2	1585202	1627587	1596270	1603019	1.37	cps
Thallium	203-1	100	108	117	108	7.69	cps
Thallium	205-1	225	258	258	247	7.79	cps
Tin	118-1	5893	5960	5960	5938	0.65	cps
Titanium	47-1	3801	3651	3917	3790	3.53	cps
Uranium	238-1	3442	3801	3634	3626	4.95	cps
Vanadium	51-2	2490	2770	2540	2600	5.74	cps
Yttrium	89-1	2491279	2548473	2557738	2532497	1.42	cps
Yttrium	89-2	265711	265555	261481	264249	0.91	cps
Zinc	66-2	720	817	700	746	8.37	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0504-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:35:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	225	175	211	14.94	cps
Zirconium	91-1	75	100	100	92	15.75	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-05	Instrumnet Name :	P8
Client Sample ID :	ST006MW079-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:39:30	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2528	2493	2678	2567	3.83	cps
Antimony	121-1	5451	5677	5735	5621	2.66	cps
Arsenic	75-1	33544	34167	35610	34440	3.08	cps
Barium	135-1	54772	54857	57149	55593	2.43	cps
Barium	137-1	94327	94831	96955	95371	1.46	cps
Beryllium	9-1	80	67	70	72	9.61	cps
Bismuth	209-1	1648718	1659439	1684184	1664114	1.09	cps
Bismuth	209-2	1184074	1171717	1197507	1184433	1.09	cps
Boron	11-1	77301	79998	78540	78613	1.72	cps
Boron	10-1	15117	14783	15601	15167	2.71	cps
Cadmium	106-1	1458	1625	1450	1511	6.53	cps
Cadmium	108-1	25	25	29	26	9.12	cps
Cadmium	111-1	1262	1412	1207	1294	8.19	cps
Calcium	43-1	816769	826312	822130	821737	0.58	cps
Calcium	44-1	13079616	13359465	13208285	13215789	1.06	cps
Chromium	52-2	412861	412662	412466	412663	0.05	cps
Cobalt	59-2	4704	4794	4674	4724	1.32	cps
Copper	63-2	25320	25073	25280	25224	0.53	cps
Dysprosium	156-1	833	717	875	808	10.15	cps
Dysprosium	156-2	420	380	430	410	6.45	cps
Erbium	164-1	492	467	475	478	2.66	cps
Erbium	164-2	200	283	250	244	17.16	cps
Gadolinium	160-1	508	617	700	608	15.80	cps
Gadolinium	160-2	383	473	507	454	14.04	cps
Holmium	165-1	2794535	2814637	2828017	2812396	0.60	cps
Holmium	165-2	1559973	1549393	1598057	1569141	1.63	cps
Indium	115-1	2492270	2441338	2441435	2458348	1.20	cps
Indium	115-2	361833	359099	365183	362039	0.84	cps
Iron	56-2	571951	571630	578318	573966	0.66	cps
Iron	57-2	14430	14452	14513	14465	0.30	cps
Krypton	83-1	363	373	420	386	7.84	cps
Lead	207-1	1372	1584	1606	1521	8.47	cps
Lead	208-1	6529	7290	7184	7001	5.89	cps
Lead	206-1	1734	1711	1867	1771	4.75	cps
Lithium	6-1	285092	289150	294730	289657	1.67	cps
Magnesium	24-2	269723	268048	267810	268527	0.39	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-05	Instrumnet Name :	P8
Client Sample ID :	ST006MW079-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:39:30	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38135	37607	37714	37819	0.74	cps
Molybdenum	94-1	3034	3167	3301	3167	4.21	cps
Molybdenum	95-1	4543	4509	4217	4423	4.04	cps
Molybdenum	96-1	5110	5001	4934	5015	1.76	cps
Molybdenum	97-1	2759	2934	2592	2762	6.19	cps
Molybdenum	98-1	7177	7211	7586	7325	3.10	cps
Neodymium	150-1	973	1073	1107	1051	6.60	cps
Neodymium	150-2	433	410	380	408	6.56	cps
Nickel	60-2	8923	8339	8926	8730	3.87	cps
Phosphorus	31-2	75	58	83	72	17.62	cps
Potassium	39-2	95162	95456	92294	94304	1.85	cps
Rhodium	103-1	2212929	2251853	2207646	2224143	1.09	cps
Rhodium	103-2	1331408	1318410	1340233	1330017	0.83	cps
Scandium	45-1	1455627	1439291	1423315	1439411	1.12	cps
Scandium	45-2	35325	34205	34877	34802	1.62	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	105	90	60	85	26.58	cps
Silicon	28-1	23232695	22785616	23020352	23012888	0.97	cps
Silver	109-1	2950	2342	2167	2486	16.54	cps
Silver	107-1	2750	2434	2417	2534	7.41	cps
Sodium	23-2	4883229	4885152	4881261	4883214	0.04	cps
Strontium	86-1	331456	333301	334287	333015	0.43	cps
Strontium	88-1	2909317	2931159	2947328	2929268	0.65	cps
Sulfur	34-1	525869	520873	522969	523237	0.48	cps
Terbium	159-1	2952588	2986139	2982298	2973675	0.62	cps
Terbium	159-2	1606738	1567897	1648556	1607730	2.51	cps
Thallium	203-1	33	50	67	50	33.34	cps
Thallium	205-1	225	142	158	175	25.20	cps
Tin	118-1	6252	6860	6852	6655	5.24	cps
Titanium	47-1	6602	6510	6060	6391	4.54	cps
Uranium	238-1	12106	12165	12457	12243	1.53	cps
Vanadium	51-2	8783	9086	8863	8911	1.77	cps
Yttrium	89-1	2576569	2547812	2569715	2564699	0.59	cps
Yttrium	89-2	263605	259928	263775	262436	0.83	cps
Zinc	66-2	1723	1653	1840	1739	5.42	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-05	Instrumnet Name :	P8
Client Sample ID :	ST006MW079-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:39:30	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1742	1950	2150	1947	10.49	cps
Zirconium	91-1	525	675	575	592	12.91	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-06	Instrumnet Name :	P8
Client Sample ID :	ST006MW081-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:43:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	558	595	525	559	6.26	cps
Antimony	121-1	5335	5051	5318	5235	3.04	cps
Arsenic	75-1	32869	32367	34795	33344	3.84	cps
Barium	135-1	43949	44393	44852	44398	1.02	cps
Barium	137-1	76698	76120	76513	76444	0.39	cps
Beryllium	9-1	23	60	67	50	46.67	cps
Bismuth	209-1	1653308	1654985	1699517	1669270	1.57	cps
Bismuth	209-2	1188963	1213737	1224660	1209120	1.51	cps
Boron	11-1	109230	110784	112749	110921	1.59	cps
Boron	10-1	19840	21433	22243	21172	5.78	cps
Cadmium	106-1	1667	1559	1442	1556	7.23	cps
Cadmium	108-1	17	17	0	11	86.60	cps
Cadmium	111-1	1197	1117	1013	1109	8.29	cps
Calcium	43-1	1285862	1297143	1315003	1299336	1.13	cps
Calcium	44-1	20411255	20768975	20755746	20645325	0.98	cps
Chromium	52-2	1214613	1215334	1222735	1217561	0.37	cps
Cobalt	59-2	5324	5428	5548	5433	2.06	cps
Copper	63-2	19013	19607	18916	19179	1.95	cps
Dysprosium	156-1	125	125	117	122	3.94	cps
Dysprosium	156-2	63	83	63	70	16.50	cps
Erbium	164-1	175	92	175	147	32.68	cps
Erbium	164-2	43	47	50	47	7.15	cps
Gadolinium	160-1	125	100	167	131	25.80	cps
Gadolinium	160-2	90	53	63	69	27.52	cps
Holmium	165-1	2825388	2860561	2930981	2872310	1.87	cps
Holmium	165-2	1595228	1642260	1663186	1633558	2.13	cps
Indium	115-1	2482941	2472285	2504308	2486511	0.66	cps
Indium	115-2	360720	361860	363921	362167	0.45	cps
Iron	56-2	1811176	1833429	1802763	1815789	0.87	cps
Iron	57-2	44076	43826	43803	43901	0.35	cps
Krypton	83-1	397	363	443	401	10.02	cps
Lead	207-1	733	722	694	717	2.79	cps
Lead	208-1	3134	3084	3134	3117	0.93	cps
Lead	206-1	839	789	833	820	3.34	cps
Lithium	6-1	273606	282314	288500	281473	2.66	cps
Magnesium	24-2	518822	517006	518847	518225	0.20	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-06	Instrumnet Name :	P8
Client Sample ID :	ST006MW081-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:43:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23390	24549	24048	23995	2.42	cps
Molybdenum	94-1	4934	4551	4668	4718	4.17	cps
Molybdenum	95-1	7953	7669	8119	7914	2.88	cps
Molybdenum	96-1	8303	8461	8528	8431	1.37	cps
Molybdenum	97-1	4643	4868	4918	4809	3.05	cps
Molybdenum	98-1	12765	12907	12273	12648	2.63	cps
Neodymium	150-1	100	133	133	122	15.75	cps
Neodymium	150-2	53	73	77	68	18.63	cps
Nickel	60-2	42164	42428	42676	42422	0.60	cps
Phosphorus	31-2	58	42	58	53	18.23	cps
Potassium	39-2	91034	90650	88797	90160	1.33	cps
Rhodium	103-1	2204511	2251462	2207369	2221114	1.19	cps
Rhodium	103-2	1322555	1346772	1347656	1338994	1.06	cps
Scandium	45-1	1447314	1457159	1463751	1456075	0.57	cps
Scandium	45-2	33971	34262	34950	34394	1.46	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	138	206	85	143	42.35	cps
Silicon	28-1	22276259	22477947	22545256	22433154	0.62	cps
Silver	109-1	1959	1917	1483	1786	14.73	cps
Silver	107-1	2025	1800	1667	1831	9.89	cps
Sodium	23-2	10611326	10470068	10710922	10597438	1.14	cps
Strontium	86-1	547458	558184	558418	554687	1.13	cps
Strontium	88-1	4768205	4810715	4890901	4823274	1.29	cps
Sulfur	34-1	866424	877303	878997	874242	0.78	cps
Terbium	159-1	2998558	3046506	3022904	3022656	0.79	cps
Terbium	159-2	1619848	1626427	1678171	1641482	1.95	cps
Thallium	203-1	142	75	83	100	36.32	cps
Thallium	205-1	258	133	192	194	32.17	cps
Tin	118-1	5935	6085	6560	6193	5.27	cps
Titanium	47-1	4459	4192	4109	4254	4.30	cps
Uranium	238-1	11139	11030	11606	11258	2.72	cps
Vanadium	51-2	14204	14257	14474	14312	1.00	cps
Yttrium	89-1	2579816	2585027	2630040	2598294	1.06	cps
Yttrium	89-2	256862	262751	264569	261394	1.54	cps
Zinc	66-2	870	867	933	890	4.22	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-06	Instrumnet Name :	P8
Client Sample ID :	ST006MW081-190403	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:43:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	683	733	858	758	11.89	cps
Zirconium	91-1	233	208	208	217	6.66	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-08	Instrumnet Name :	P8
Client Sample ID :	ST006RW149-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:46:33	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	713	788	728	743	5.34	cps
Antimony	121-1	5051	4784	4959	4932	2.75	cps
Arsenic	75-1	36204	37056	37725	36995	2.06	cps
Barium	135-1	276357	277844	278745	277649	0.43	cps
Barium	137-1	474212	479704	484198	479371	1.04	cps
Beryllium	9-1	33	40	40	38	10.19	cps
Bismuth	209-1	1694937	1751965	1738892	1728598	1.73	cps
Bismuth	209-2	1214041	1232051	1241931	1229341	1.15	cps
Boron	11-1	83660	85061	85396	84706	1.09	cps
Boron	10-1	15618	15567	16677	15954	3.93	cps
Cadmium	106-1	1559	1342	1375	1425	8.19	cps
Cadmium	108-1	33	21	8	21	60.01	cps
Cadmium	111-1	1159	979	1032	1057	8.78	cps
Calcium	43-1	520517	524633	526047	523732	0.55	cps
Calcium	44-1	8467688	8442290	8471225	8460401	0.19	cps
Chromium	52-2	1233	1180	1223	1212	2.34	cps
Cobalt	59-2	313	297	330	313	5.32	cps
Copper	63-2	5795	5951	5718	5821	2.04	cps
Dysprosium	156-1	117	100	150	122	20.83	cps
Dysprosium	156-2	53	43	53	50	11.55	cps
Erbium	164-1	67	92	100	86	20.14	cps
Erbium	164-2	40	60	67	56	24.98	cps
Gadolinium	160-1	175	92	100	122	37.55	cps
Gadolinium	160-2	63	80	43	62	29.51	cps
Holmium	165-1	2882871	2964581	2961446	2936299	1.58	cps
Holmium	165-2	1597736	1612727	1674154	1628206	2.49	cps
Indium	115-1	2446921	2478270	2496242	2473811	1.01	cps
Indium	115-2	359726	362147	360716	360863	0.34	cps
Iron	56-2	1227919	1221700	1211601	1220407	0.67	cps
Iron	57-2	31325	30061	29810	30398	2.67	cps
Krypton	83-1	383	377	420	393	5.93	cps
Lead	207-1	10076	10065	10232	10125	0.92	cps
Lead	208-1	46262	47875	47013	47050	1.72	cps
Lead	206-1	11900	12729	12312	12314	3.36	cps
Lithium	6-1	281968	289906	291747	287873	1.81	cps
Magnesium	24-2	228745	230202	226575	228508	0.80	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-08	Instrumnet Name :	P8
Client Sample ID :	ST006RW149-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:46:33	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	295303	290424	289506	291744	1.07	cps
Molybdenum	94-1	1400	1250	1317	1322	5.69	cps
Molybdenum	95-1	1859	2000	1967	1942	3.82	cps
Molybdenum	96-1	2050	2059	2367	2159	8.36	cps
Molybdenum	97-1	1083	1350	1250	1228	10.97	cps
Molybdenum	98-1	3184	3017	3125	3109	2.72	cps
Neodymium	150-1	180	213	313	236	29.46	cps
Neodymium	150-2	60	53	47	53	12.50	cps
Nickel	60-2	677	703	637	672	4.99	cps
Phosphorus	31-2	67	42	100	69	42.14	cps
Potassium	39-2	43318	43953	44262	43844	1.10	cps
Rhodium	103-1	2274539	2269503	2295486	2279843	0.60	cps
Rhodium	103-2	1327160	1344593	1352499	1341417	0.97	cps
Scandium	45-1	1444632	1481431	1437153	1454405	1.63	cps
Scandium	45-2	33961	33256	33480	33566	1.07	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	82	60	6	49	79.32	cps
Silicon	28-1	19862931	19826923	19842584	19844146	0.09	cps
Silver	109-1	1650	1417	1425	1497	8.84	cps
Silver	107-1	1975	1709	1342	1675	18.99	cps
Sodium	23-2	4466163	4513713	4528019	4502632	0.72	cps
Strontium	86-1	232552	233185	237913	234550	1.25	cps
Strontium	88-1	2031198	2075244	2099506	2068649	1.67	cps
Sulfur	34-1	280694	279204	277209	279036	0.63	cps
Terbium	159-1	3030108	3088591	3083973	3067558	1.06	cps
Terbium	159-2	1627215	1673921	1662022	1654386	1.47	cps
Thallium	203-1	75	33	58	56	37.75	cps
Thallium	205-1	50	50	42	47	10.18	cps
Tin	118-1	5118	5351	5460	5310	3.29	cps
Titanium	47-1	4251	4059	3976	4095	3.44	cps
Uranium	238-1	600	542	550	564	5.60	cps
Vanadium	51-2	597	563	587	582	2.94	cps
Yttrium	89-1	2569025	2600660	2620133	2596606	0.99	cps
Yttrium	89-2	256486	258410	258259	257718	0.42	cps
Zinc	66-2	3430	3441	3234	3368	3.46	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	K2274-08	Instrumnet Name :	P8
Client Sample ID :	ST006RW149-190402	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:46:33	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	642	558	667	18.42	cps
Zirconium	91-1	125	208	217	183	27.65	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:51:01	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	314818	312634	311687	313046	0.51	cps
Antimony	121-1	1470868	1467125	1449621	1462538	0.78	cps
Arsenic	75-1	465532	466234	465456	465741	0.09	cps
Barium	135-1	1537132	1539935	1513449	1530172	0.95	cps
Barium	137-1	2658520	2636197	2670629	2655115	0.66	cps
Beryllium	9-1	173080	173190	175549	173940	0.80	cps
Bismuth	209-1	1609840	1589926	1612957	1604241	0.78	cps
Bismuth	209-2	1277231	1274532	1285316	1279026	0.44	cps
Boron	11-1	108214	110944	112926	110695	2.14	cps
Boron	10-1	20833	22101	21709	21548	3.01	cps
Cadmium	106-1	36509	35539	35991	36013	1.35	cps
Cadmium	108-1	24535	23750	24381	24222	1.72	cps
Cadmium	111-1	341231	340028	335423	338894	0.90	cps
Calcium	43-1	1792887	1790930	1798377	1794065	0.22	cps
Calcium	44-1	28193574	28276441	28442251	28304089	0.45	cps
Chromium	52-2	383129	385800	383517	384149	0.38	cps
Cobalt	59-2	695126	692306	688620	692017	0.47	cps
Copper	63-2	1094993	1087949	1089557	1090833	0.34	cps
Dysprosium	156-1	58	67	75	67	12.49	cps
Dysprosium	156-2	20	3	7	10	88.20	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	2938565	2877334	2867358	2894419	1.33	cps
Holmium	165-2	1817963	1790481	1797031	1801825	0.80	cps
Indium	115-1	2467819	2436351	2423075	2442415	0.94	cps
Indium	115-2	399950	404278	401223	401817	0.55	cps
Iron	56-2	67610886	67365986	67755865	67577579	0.29	cps
Iron	57-2	1747213	1696647	1728568	1724143	1.48	cps
Krypton	83-1	413	447	483	448	7.82	cps
Lead	207-1	648382	650954	642176	647171	0.70	cps
Lead	208-1	2930271	2920273	2892797	2914447	0.67	cps
Lead	206-1	716649	719907	709204	715253	0.77	cps
Lithium	6-1	185354	187021	184988	185788	0.58	cps
Magnesium	24-2	6354416	6288777	6345391	6329528	0.56	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:51:01	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	259866	257911	258790	258856	0.38	cps
Molybdenum	94-1	2565848	2541306	2557792	2554982	0.49	cps
Molybdenum	95-1	3185573	3161532	3170853	3172653	0.38	cps
Molybdenum	96-1	3568801	3541974	3496890	3535888	1.03	cps
Molybdenum	97-1	1938522	1929090	1926489	1931367	0.33	cps
Molybdenum	98-1	5094618	5028328	5039523	5054156	0.70	cps
Neodymium	150-1	60	127	87	91	36.83	cps
Neodymium	150-2	20	13	10	14	35.26	cps
Nickel	60-2	196313	196441	199078	197277	0.79	cps
Phosphorus	31-2	6143	6060	6385	6196	2.73	cps
Potassium	39-2	2887628	2857026	2867574	2870743	0.54	cps
Rhodium	103-1	2304454	2274738	2263886	2281026	0.92	cps
Rhodium	103-2	1447172	1454437	1437869	1446493	0.57	cps
Scandium	45-1	1592482	1608735	1608585	1603267	0.58	cps
Scandium	45-2	41628	41525	42173	41775	0.83	cps
Selenium	77-2	557	597	577	577	3.47	cps
Selenium	78-2	2109	1948	2048	2035	4.00	cps
Selenium	82-1	23478	23535	23594	23536	0.25	cps
Silicon	28-1	8465509	8540507	8598424	8534813	0.78	cps
Silver	109-1	1476113	1474057	1454597	1468256	0.81	cps
Silver	107-1	1559410	1594812	1548661	1567627	1.54	cps
Sodium	23-2	16370614	16219282	16328597	16306164	0.48	cps
Strontium	86-1	404060	403762	405890	404571	0.28	cps
Strontium	88-1	3542952	3556606	3548733	3549430	0.19	cps
Sulfur	34-1	402581	404299	407085	404655	0.56	cps
Terbium	159-1	3072332	3023553	3015126	3037004	1.02	cps
Terbium	159-2	1798951	1793650	1814967	1802522	0.62	cps
Thallium	203-1	915523	902614	909298	909145	0.71	cps
Thallium	205-1	2218009	2187255	2160757	2188674	1.31	cps
Tin	118-1	971578	967626	954512	964572	0.93	cps
Titanium	47-1	854889	865334	867094	862439	0.77	cps
Uranium	238-1	2782335	2752483	2721615	2752144	1.10	cps
Vanadium	51-2	284719	280195	282376	282430	0.80	cps
Yttrium	89-1	2754237	2751068	2692766	2732690	1.27	cps
Yttrium	89-2	305809	307459	306776	306681	0.27	cps
Zinc	66-2	145430	144777	145136	145114	0.23	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 17:51:01	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2189785	2178898	2171196	2179959	0.43	cps
Zirconium	91-1	473530	470818	479057	474468	0.88	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 18:05:51	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	75	78	68	20.15	cps
Antimony	121-1	533	425	367	442	19.15	cps
Arsenic	75-1	839	724	719	761	8.95	cps
Barium	135-1	33	25	33	31	15.74	cps
Barium	137-1	58	33	17	36	58.08	cps
Beryllium	9-1	20	67	30	39	63.18	cps
Bismuth	209-1	1546912	1566514	1556643	1556690	0.63	cps
Bismuth	209-2	1323584	1287788	1338596	1316656	1.98	cps
Boron	11-1	2492	2442	2267	2400	4.92	cps
Boron	10-1	508	425	467	467	8.93	cps
Cadmium	106-1	1575	1575	1559	1570	0.61	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Cadmium	111-1	1106	1111	1091	1103	0.97	cps
Calcium	43-1	2500	2424	2550	2491	2.56	cps
Calcium	44-1	38446	38586	38817	38616	0.48	cps
Chromium	52-2	467	463	430	453	4.47	cps
Cobalt	59-2	40	63	67	57	25.64	cps
Copper	63-2	1020	857	880	919	9.61	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	83	33	50	57.75	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	2682360	2722326	2685193	2696627	0.83	cps
Holmium	165-2	1787081	1736096	1821677	1781618	2.42	cps
Indium	115-1	2478583	2484063	2437224	2466623	1.04	cps
Indium	115-2	426348	417805	430771	424975	1.55	cps
Iron	56-2	1039	861	783	895	14.65	cps
Iron	57-2	44	33	28	35	24.12	cps
Krypton	83-1	370	427	350	382	10.40	cps
Lead	207-1	1628	1361	1439	1476	9.29	cps
Lead	208-1	6501	6317	6562	6460	1.97	cps
Lead	206-1	1578	1545	1545	1556	1.24	cps
Lithium	6-1	180510	182320	181331	181387	0.50	cps
Magnesium	24-2	83	75	75	78	6.19	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 18:05:51	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	17	7	16	53.90	cps
Molybdenum	94-1	167	158	133	153	11.35	cps
Molybdenum	95-1	158	142	117	139	15.10	cps
Molybdenum	96-1	217	200	167	194	13.09	cps
Molybdenum	97-1	125	92	42	86	48.71	cps
Molybdenum	98-1	308	242	200	250	21.86	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	23	47	40	36.33	cps
Phosphorus	31-2	17	42	42	33	43.30	cps
Potassium	39-2	8995	8820	8911	8909	0.98	cps
Rhodium	103-1	2383346	2401027	2387416	2390596	0.39	cps
Rhodium	103-2	1575400	1496663	1578881	1550315	3.00	cps
Scandium	45-1	1623745	1631079	1635730	1630185	0.37	cps
Scandium	45-2	43835	42143	44253	43410	2.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	2	11	7	66.16	cps
Selenium	82-1	47	0	136	61	112.47	cps
Silicon	28-1	8404376	8411796	8403095	8406422	0.06	cps
Silver	109-1	408	350	308	356	14.13	cps
Silver	107-1	450	417	267	378	25.85	cps
Sodium	23-2	12623	12539	12222	12462	1.69	cps
Strontium	86-1	742	750	575	689	14.33	cps
Strontium	88-1	58	83	75	72	17.62	cps
Sulfur	34-1	305088	305801	308984	306624	0.68	cps
Terbium	159-1	2852084	2862438	2882549	2865690	0.54	cps
Terbium	159-2	1820865	1766269	1827988	1805041	1.87	cps
Thallium	203-1	267	333	358	319	14.83	cps
Thallium	205-1	833	650	575	686	19.37	cps
Tin	118-1	217	217	242	225	6.41	cps
Titanium	47-1	4718	4868	4818	4801	1.59	cps
Uranium	238-1	67	67	50	61	15.75	cps
Vanadium	51-2	30	30	20	27	21.65	cps
Yttrium	89-1	2715281	2731673	2741589	2729514	0.49	cps
Yttrium	89-2	321885	312216	321181	318427	1.69	cps
Zinc	66-2	73	87	97	86	13.69	cps

LB Number :	LB102066	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-04-11 18:05:51	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	267	200	222	17.32	cps
Zirconium	91-1	183	108	67	119	49.50	cps