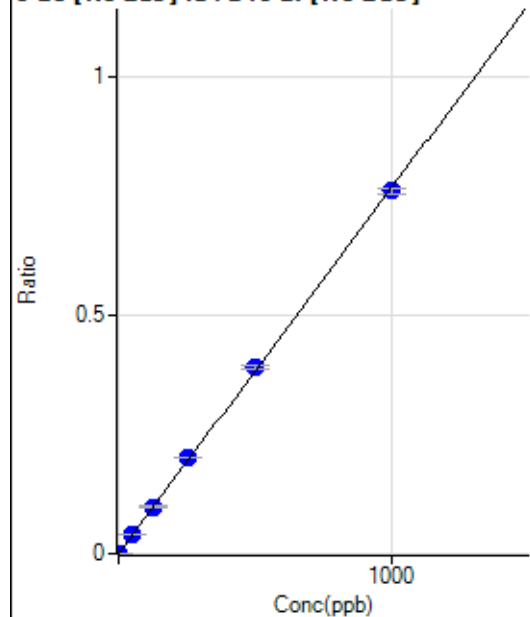


Calibration for 006CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8042920 MS.b\
 Analysis File: P8042920 MS.batch.bin
 DA Date-Time: 2020-04-29 16:04:17
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2020-04-29 11:49:25
2	008CALS.d	S02	2020-04-29 11:55:40
3	009CALS.d	S03	2020-04-29 11:58:50
4	010CALS.d	S04	2020-04-29 12:01:56
5	011CALS.d	S05	2020-04-29 12:05:01
6	012CALS.d	S06	2020-04-29 12:08:00
7	013CALS.d	S07	2020-04-29 12:11:00
8	014CALS.d	S08	2020-04-29 12:13:58

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.66	0.0000	P	27.0
2	☐	1.000	1.042	819.87	0.0008	P	6.6
3	☐	50.000	53.161	40463.81	0.0409	P	3.7
4	☐	125.000	127.981	95994.66	0.0983	P	1.5
5	☐	250.000	261.851	197937.06	0.2011	P	0.4
6	☐	500.000	509.075	385684.35	0.3910	P	1.9
7	☐	1000.000	991.969	735214.20	0.7619	P	1.6
8	☐			171.97	0.0002	P	11.7

$$y = 7.6801\text{E-}004 * x + 4.0897\text{E-}005$$

$$R = 0.9999$$

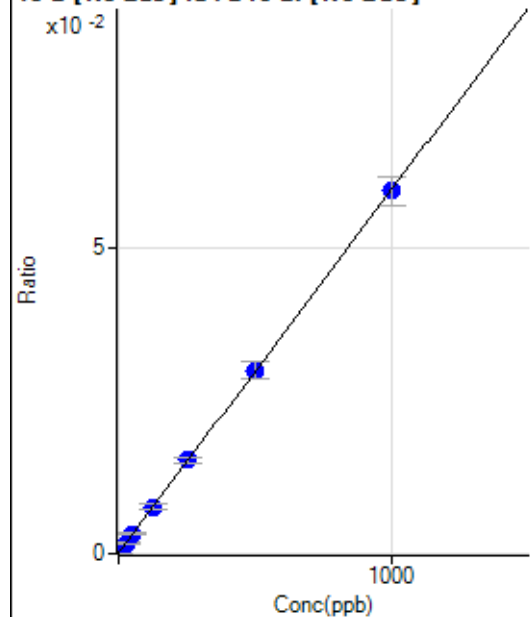
$$DL = 0.04307$$

$$BEC = 0.05325$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.31	0.0001	P	17.7
2	☐	25.000	26.566	1662.44	0.0017	P	12.2
3	☐	50.000	53.015	3242.40	0.0033	P	11.7
4	☐	125.000	125.873	7416.43	0.0076	P	12.3
5	☐	250.000	255.040	15024.73	0.0153	P	7.6
6	☐	500.000	503.226	29610.61	0.0300	P	8.9
7	☐	1000.000	996.828	57292.71	0.0593	P	8.2
8	☐			12204.01	0.0126	P	10.4

$$y = 5.9323\text{E-}005 * x + 1.2946\text{E-}004$$

$$R = 1.0000$$

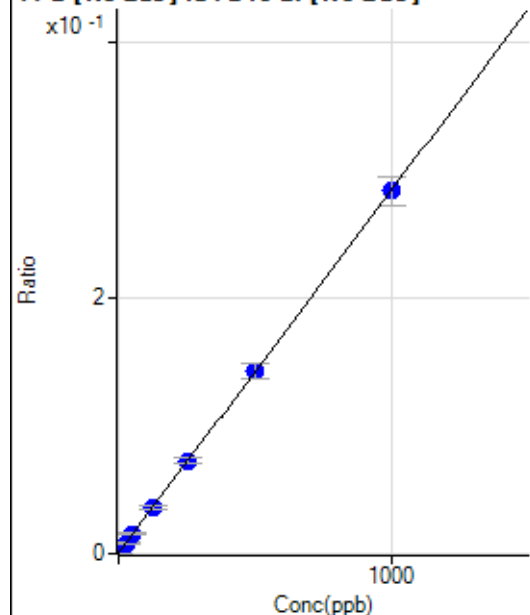
$$DL = 1.156$$

$$BEC = 2.182$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	589.90	0.0006	P	7.6
2	☐	25.000	26.002	7803.21	0.0080	P	10.4
3	☐	50.000	52.044	15252.92	0.0154	P	8.8
4	☐	125.000	125.825	35497.14	0.0364	P	10.8
5	☐	250.000	254.604	71830.44	0.0729	P	7.7
6	☐	500.000	501.056	141183.18	0.1429	P	8.8
7	☐	1000.000	998.091	274688.86	0.2841	P	8.2
8	☐			57898.18	0.0597	P	11.7

$$y = 2.8406E-004 * x + 6.1913E-004$$

$$R = 1.0000$$

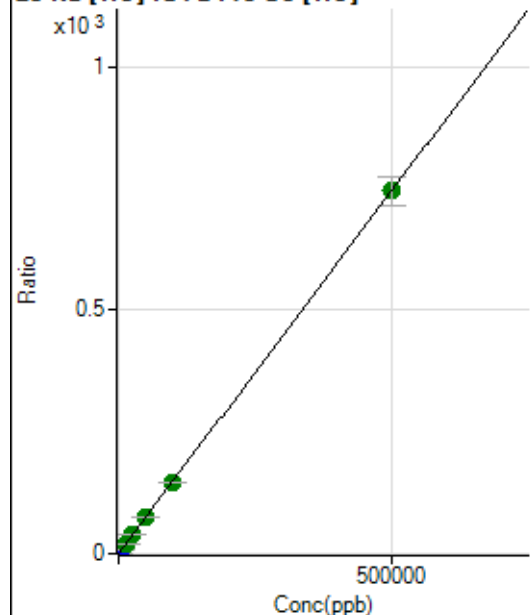
$$DL = 0.4949$$

$$BEC = 2.18$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15313.95	0.2080	P	2.6
2	☐	500.000	492.782	69605.01	0.9418	P	1.1
3	☐	5000.000	5273.352	596011.51	8.0609	P	0.5
4	☐	12500.000	12805.845	1365550.68	19.2779	A	2.1
5	☐	25000.000	26471.542	2816282.33	39.6283	A	0.6
6	☐	50000.000	50726.524	5260521.51	75.7479	A	1.6
7	☐	100000.00	98348.775	9960088.24	146.6650	A	1.4
8	☐	500000.00	500173.64	49304600.41	745.0464	A	8.1

$$y = 0.0015 * x + 0.2080$$

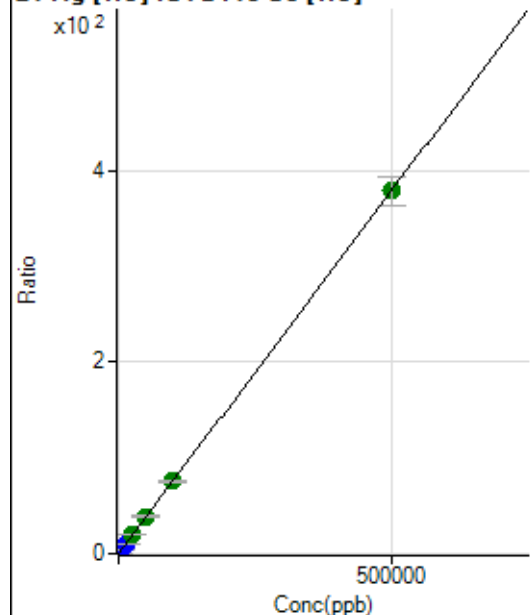
$$R = 1.0000$$

$$DL = 10.76$$

$$BEC = 139.7$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	252.79	0.0034	P	8.1
2	☐	500.000	495.308	28013.66	0.3791	P	1.4
3	☐	5000.000	5347.588	300107.57	4.0589	P	0.9
4	☐	12500.000	13025.256	699965.76	9.8814	P	1.9
5	☐	25000.000	26816.337	1445488.48	20.3402	A	1.0
6	☐	50000.000	51557.906	2715626.30	39.1035	A	1.8
7	☐	100000.00	99398.994	5119057.32	75.3849	A	2.5
8	☐	500000.00	499856.99	25091231.64	379.0812	A	7.8

$$y = 7.5837E-004 * x + 0.0034$$

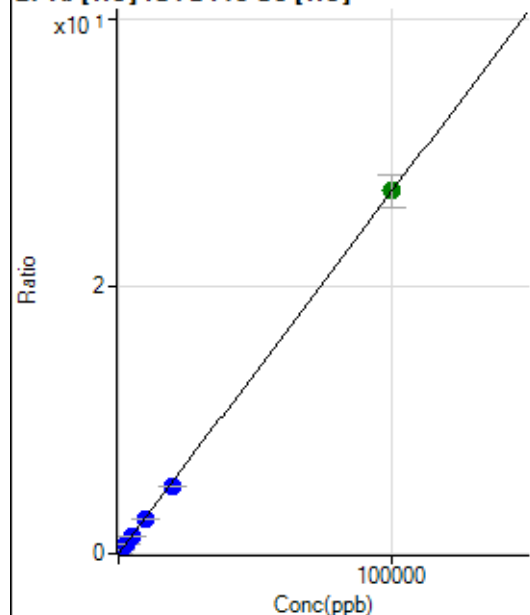
$$R = 1.0000$$

$$DL = 1.094$$

$$BEC = 4.527$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	342.60	0.0047	P	12.0
2	☐	20.000	19.136	726.54	0.0098	P	2.7
3	☐	1000.000	983.210	20004.41	0.2706	P	1.1
4	☐	2500.000	2415.421	46603.41	0.6579	P	1.8
5	☐	5000.000	5027.438	96960.09	1.3643	P	0.1
6	☐	10000.000	9613.269	180887.11	2.6045	P	0.7
7	☐	20000.000	18656.294	342953.53	5.0502	P	1.7
8	☐	100000.00	100308.32	1794719.79	27.1329	A	8.8

$$y = 2.7045E-004 * x + 0.0047$$

$$R = 0.9999$$

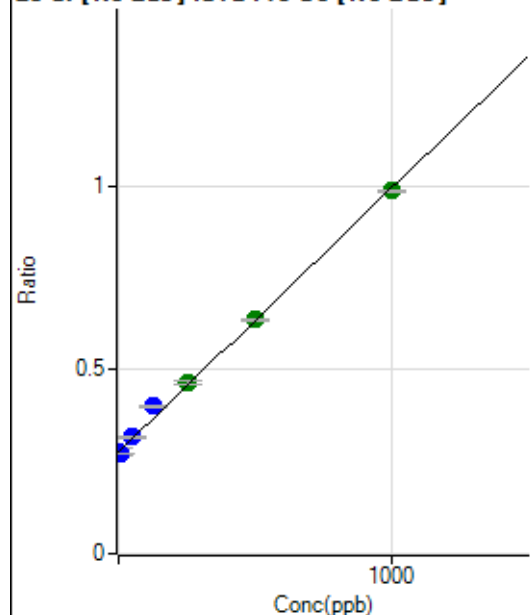
$$DL = 6.202$$

$$BEC = 17.21$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	611225.02	0.2761	P	8.5
2	☐	10.000	-5.581	624883.86	0.2721	P	1.4
3	☐	50.000	56.135	729236.94	0.3164	P	3.1
4	☐	125.000	174.854	900846.15	0.4015	P	1.1
5	☐	250.000	264.939	1028245.26	0.4662	A	2.1
6	☐	500.000	502.391	1426641.92	0.6366	A	0.9
7	☐	1000.000	988.687	2160724.81	0.9855	A	0.8
8	☐			802748.32	0.3658	P	1.7

$$y = 7.1755\text{E-}004 * x + 0.2761$$

R = 0.9983

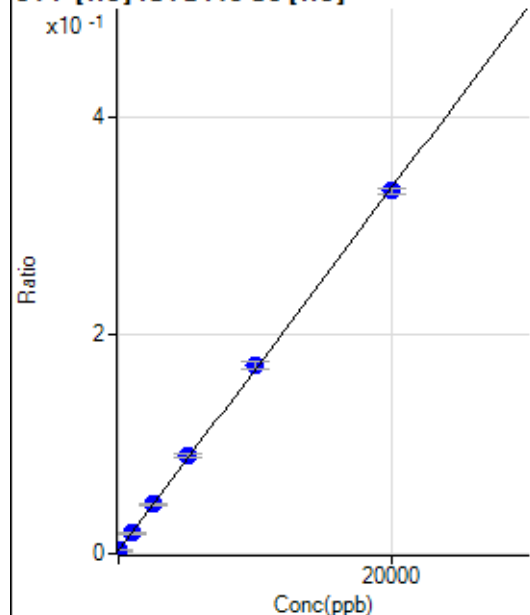
DL = 97.61

BEC = 384.7

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-20.010	175.01	0.0024	P	14.4
2	☐	0.000	20.010	225.01	0.0030	P	9.6
3	☐	1000.000	973.157	1394.55	0.0189	P	5.2
4	☐	2500.000	2541.295	3178.19	0.0449	P	7.3
5	☐	5000.000	5242.286	6373.80	0.0897	P	3.6
6	☐	10000.000	10187.695	11930.24	0.1718	P	4.1
7	☐	20000.000	19841.761	22543.03	0.3319	P	1.9
8	☐			177.78	0.0027	P	9.9

$$y = 1.6593\text{E-}005 * x + 0.0027$$

R = 0.9998

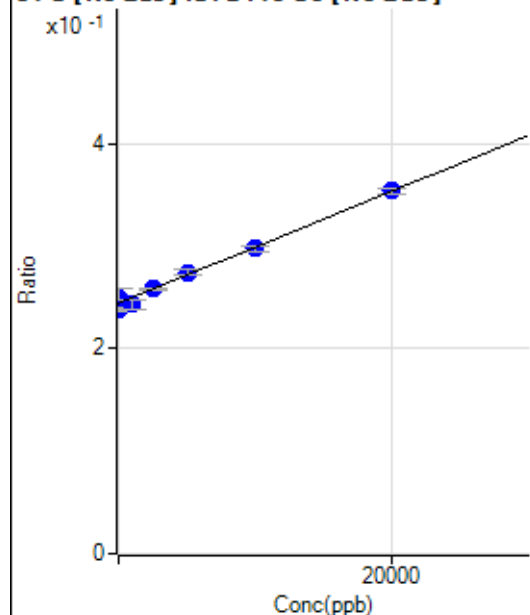
DL = 57.39

BEC = 163.3

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	1002.887	553800.38	0.2500	P	7.2
2	☐	0.000	-1002.887	549062.66	0.2391	P	1.6
3	☐	1000.000	-272.269	560131.98	0.2430	P	3.9
4	☐	2500.000	2533.966	579549.62	0.2583	P	0.4
5	☐	5000.000	5474.235	605104.67	0.2743	P	2.2
6	☐	10000.000	9780.898	667385.33	0.2978	P	1.8
7	☐	20000.000	20050.360	775500.00	0.3538	P	1.8
8	☐			511901.59	0.2333	P	0.7

$$y = 5.4480\text{E-}006 * x + 0.2445$$

$$R = 0.9945$$

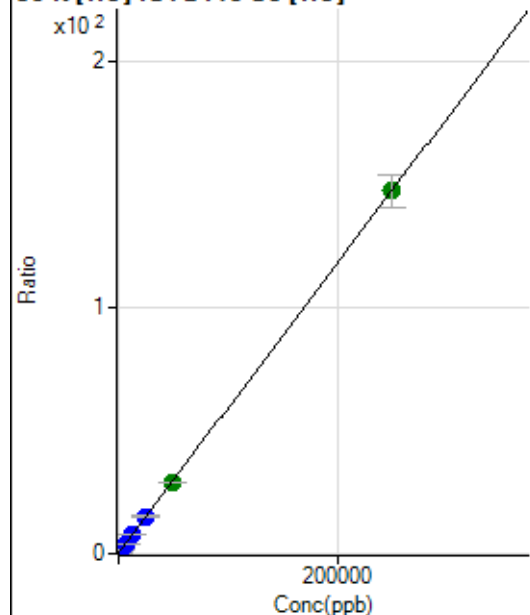
$$DL = 5987$$

$$BEC = 4.488\text{E}+04$$

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	18937.73	0.2572	P	4.4
2	☐	500.000	488.223	40228.91	0.5444	P	2.2
3	☐	2500.000	2596.773	131949.89	1.7846	P	1.0
4	☐	6250.000	6317.266	281432.97	3.9729	P	0.4
5	☐	12500.000	13200.975	570076.49	8.0217	P	0.6
6	☐	25000.000	25426.302	1056526.85	15.2123	P	0.3
7	☐	50000.000	48446.939	1952617.19	28.7524	A	0.7
8	☐	250000.00	250230.30	9751842.32	147.4359	A	8.9

$$y = 5.8817\text{E-}004 * x + 0.2572$$

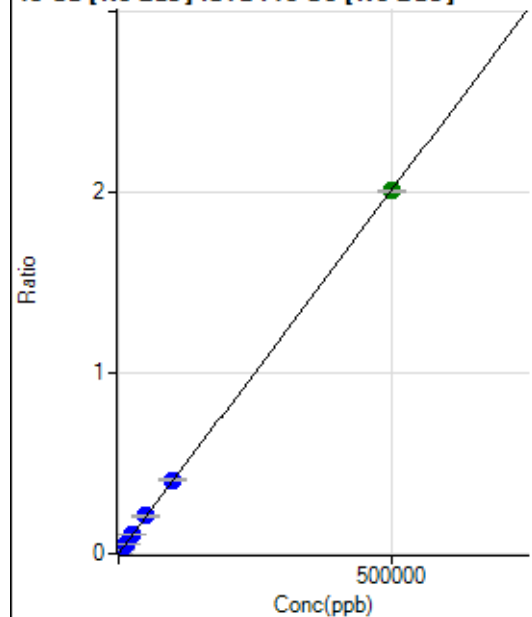
$$R = 1.0000$$

$$DL = 57.38$$

$$BEC = 437.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	630.59	0.0003	P	12.4
2	☐	500.000	481.792	5101.03	0.0022	P	7.3
3	☐	5000.000	5403.549	50695.68	0.0220	P	4.8
4	☐	12500.000	13104.438	118799.49	0.0530	P	1.0
5	☐	25000.000	26887.434	239015.37	0.1083	P	1.5
6	☐	50000.000	51678.930	466136.81	0.2080	P	1.0
7	☐	100000.00	101750.58	897358.11	0.4092	P	0.4
8	☐	500000.00	499368.48	4404294.63	2.0073	A	0.2

$$y = 4.0192\text{E-}006 * x + 2.8407\text{E-}004$$

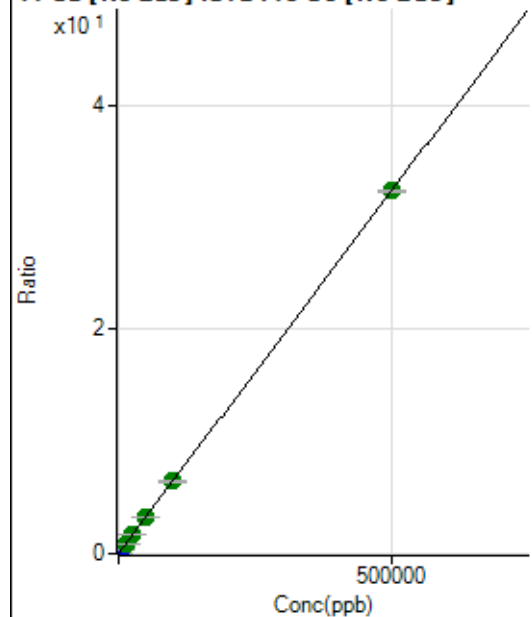
R = 1.0000

DL = 26.21

BEC = 70.68

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37911.73	0.0171	P	6.5
2	☐	500.000	483.189	111020.91	0.0483	P	1.1
3	☐	5000.000	5434.687	849025.58	0.3683	P	3.3
4	☐	12500.000	13061.225	1932135.70	0.8612	A	1.8
5	☐	25000.000	26684.113	3842059.12	1.7416	A	0.8
6	☐	50000.000	50226.129	7312399.82	3.2630	A	2.2
7	☐	100000.00	99288.257	14106529.31	6.4338	A	0.6
8	☐	500000.00	500017.16	70940105.06	32.3315	A	0.6

$$y = 6.4627\text{E-}005 * x + 0.0171$$

R = 1.0000

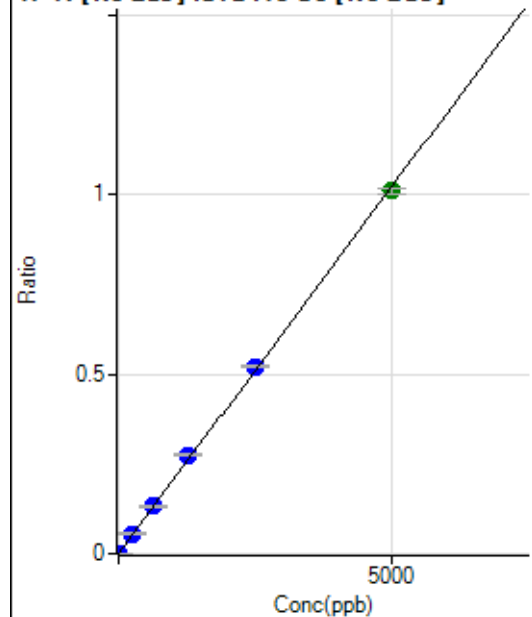
DL = 51.93

BEC = 264.7

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	644.48	0.0003	P	12.6
2	☐	5.000	4.802	2925.38	0.0013	P	8.2
3	☐	250.000	269.776	127759.88	0.0554	P	3.5
4	☐	625.000	642.237	295145.40	0.1316	P	1.3
5	☐	1250.000	1345.208	607198.50	0.2752	P	0.8
6	☐	2500.000	2551.607	1169460.67	0.5218	P	0.8
7	☐	5000.000	4947.251	2217488.44	1.0114	A	1.3
8	☐			994.51	0.0005	P	11.1

$$y = 2.0439\text{E-}004 * x + 2.9133\text{E-}004$$

$$R = 0.9997$$

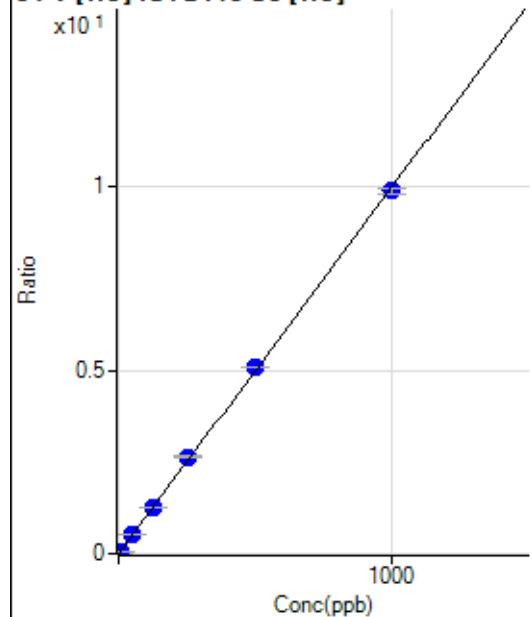
$$DL = 0.5405$$

$$BEC = 1.425$$

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	26.67	0.0004	P	24.8
2	☐	5.000	5.150	3828.33	0.0518	P	2.4
3	☐	50.000	51.662	38179.60	0.5164	P	0.8
4	☐	125.000	125.742	88990.94	1.2563	P	1.7
5	☐	250.000	265.334	188363.35	2.6505	P	0.8
6	☐	500.000	509.004	353109.30	5.0843	P	0.7
7	☐	1000.000	991.488	672545.52	9.9034	P	1.7
8	☐			246.67	0.0038	P	30.1

$$y = 0.0100 * x + 3.6212\text{E-}004$$

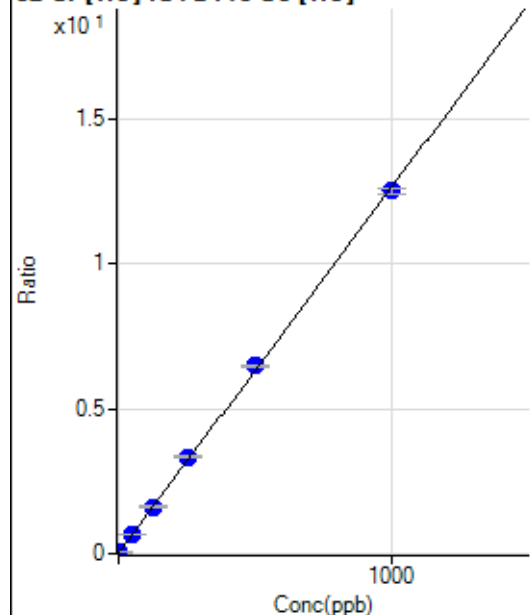
$$R = 0.9998$$

$$DL = 0.02703$$

$$BEC = 0.03626$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1191.17	0.0162	P	1.4
2	☐	2.000	1.866	2937.00	0.0397	P	2.1
3	☐	50.000	51.778	49504.24	0.6696	P	3.4
4	☐	125.000	127.309	114953.91	1.6228	P	1.1
5	☐	250.000	263.692	237633.38	3.3438	P	1.0
6	☐	500.000	511.347	449297.91	6.4691	P	0.5
7	☐	1000.000	990.526	849934.86	12.5162	P	1.7
8	☐			23748.70	0.3593	P	10.0

$$y = 0.0126 * x + 0.0162$$

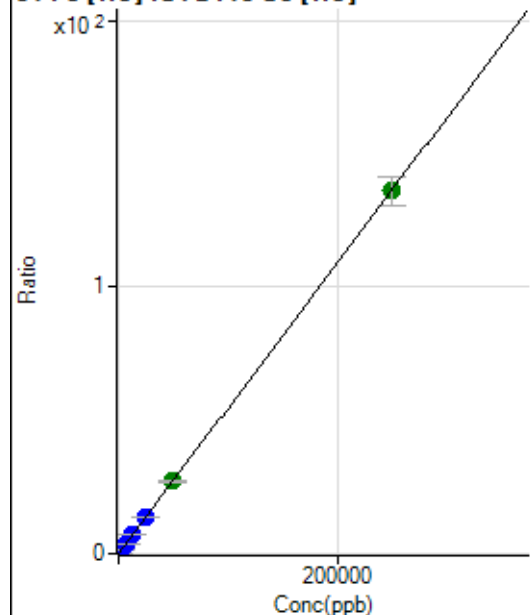
$$R = 0.9998$$

$$DL = 0.0527$$

$$BEC = 1.282$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	448.16	0.0061	P	1.2
2	☐	50.000	49.470	2440.99	0.0330	P	5.5
3	☐	2500.000	2588.265	104713.60	1.4163	P	1.6
4	☐	6250.000	6305.209	243774.04	3.4414	P	1.3
5	☐	12500.000	13166.706	510249.67	7.1797	P	0.4
6	☐	25000.000	25345.869	959511.21	13.8153	P	0.3
7	☐	50000.000	50012.763	1850807.29	27.2545	A	1.6
8	☐	250000.00	249927.26	9011216.64	136.1740	A	8.2

$$y = 5.4483E-004 * x + 0.0061$$

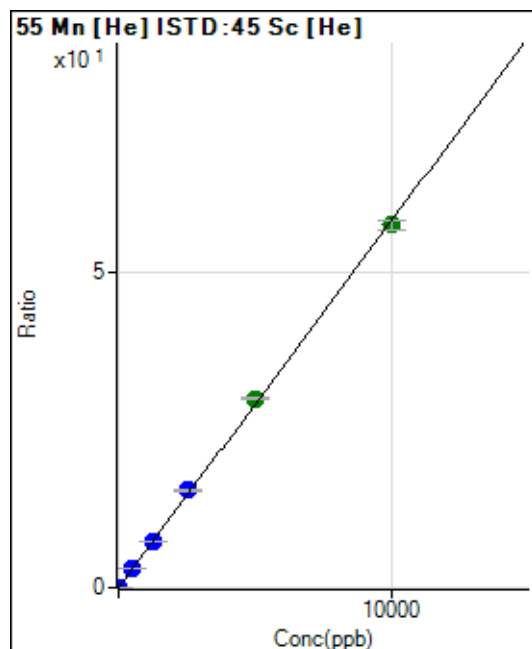
$$R = 1.0000$$

$$DL = 0.4106$$

$$BEC = 11.17$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0013	P	25.4
2	☐	1.000	1.067	556.68	0.0075	P	11.2
3	☐	500.000	519.673	223140.14	3.0179	P	0.8
4	☐	1250.000	1272.349	523288.34	7.3871	P	1.0
5	☐	2500.000	2649.786	1093217.95	15.3829	P	0.8
6	☐	5000.000	5144.252	2073972.43	29.8629	A	0.9
7	☐	10000.000	9886.650	3897179.35	57.3917	A	2.3
8	☐			3808.32	0.0576	P	9.5

$$y = 0.0058 * x + 0.0013$$

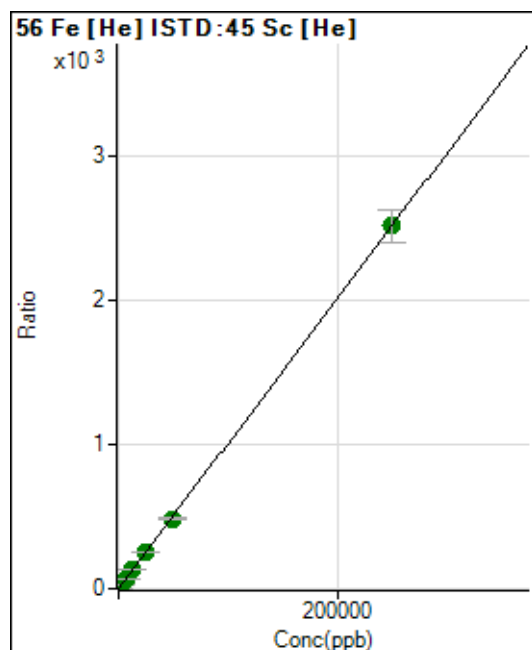
$$R = 0.9997$$

$$DL = 0.1745$$

$$BEC = 0.2287$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2950.35	0.0401	P	4.7
2	☐	50.000	50.448	40418.58	0.5469	P	1.3
3	☐	2500.000	2581.274	1920333.49	25.9718	A	0.6
4	☐	6250.000	6199.002	4414351.31	62.3158	A	1.3
5	☐	12500.000	12898.624	9211521.50	129.6207	A	1.1
6	☐	25000.000	24802.885	17307963.12	249.2119	A	0.8
7	☐	50000.000	48101.312	32816426.89	483.2699	A	2.4
8	☐	250000.00	250379.98	166360087.0	2515.378	A	9.1

$$y = 0.0100 * x + 0.0401$$

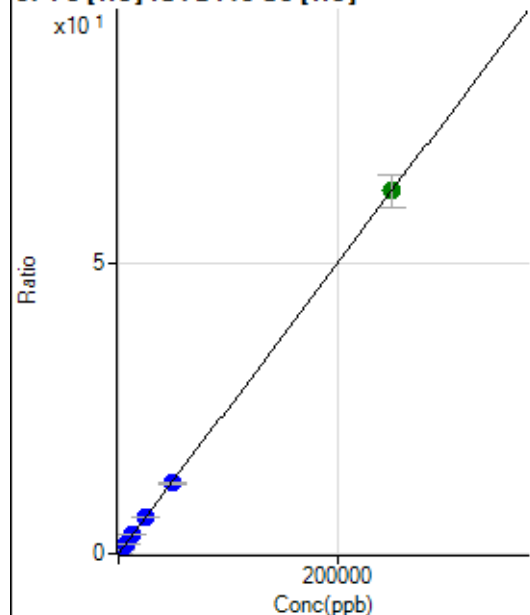
$$R = 1.0000$$

$$DL = 0.5571$$

$$BEC = 3.989$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.37	0.0016	P	29.5
2	☐	50.000	47.685	1001.90	0.0136	P	4.3
3	☐	2500.000	2555.422	47367.46	0.6406	P	0.9
4	☐	6250.000	6266.571	111119.59	1.5686	P	0.5
5	☐	12500.000	12971.069	230624.97	3.2451	P	0.7
6	☐	25000.000	25130.600	436550.12	6.2857	P	0.7
7	☐	50000.000	48534.270	824286.34	12.1380	P	1.3
8	☐	250000.00	250255.56	4139562.54	62.5799	A	8.8

$$y = 2.5006E-004 * x + 0.0016$$

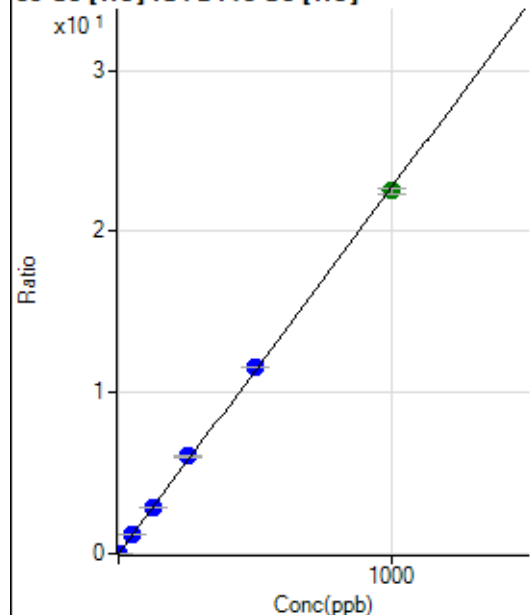
$$R = 1.0000$$

$$DL = 5.775$$

$$BEC = 6.536$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.33	0.0006	P	28.0
2	☐	1.000	0.934	1611.22	0.0218	P	2.8
3	☐	50.000	52.814	88768.70	1.2006	P	0.7
4	☐	125.000	127.478	205213.91	2.8970	P	1.0
5	☐	250.000	266.146	429783.64	6.0477	P	0.8
6	☐	500.000	508.997	803236.96	11.5655	P	0.4
7	☐	1000.000	991.015	1529136.52	22.5174	A	1.4
8	☐			2923.66	0.0442	P	7.2

$$y = 0.0227 * x + 5.8882E-004$$

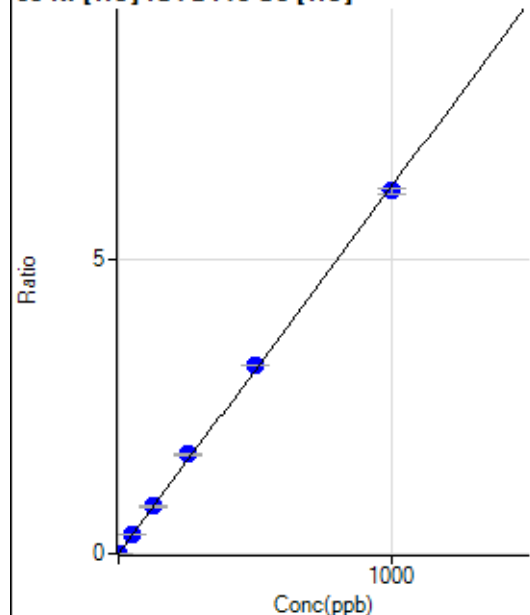
$$R = 0.9998$$

$$DL = 0.02175$$

$$BEC = 0.02592$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.67	0.0019	P	4.6
2	☐	1.000	1.102	644.47	0.0087	P	10.3
3	☐	50.000	52.723	24378.71	0.3297	P	0.9
4	☐	125.000	128.448	56714.65	0.8006	P	0.9
5	☐	250.000	270.240	119561.27	1.6824	P	0.9
6	☐	500.000	512.501	221474.60	3.1889	P	0.4
7	☐	1000.000	988.122	417398.12	6.1466	P	1.5
8	☐			7400.88	0.1121	P	11.6

$$y = 0.0062 * x + 0.0019$$

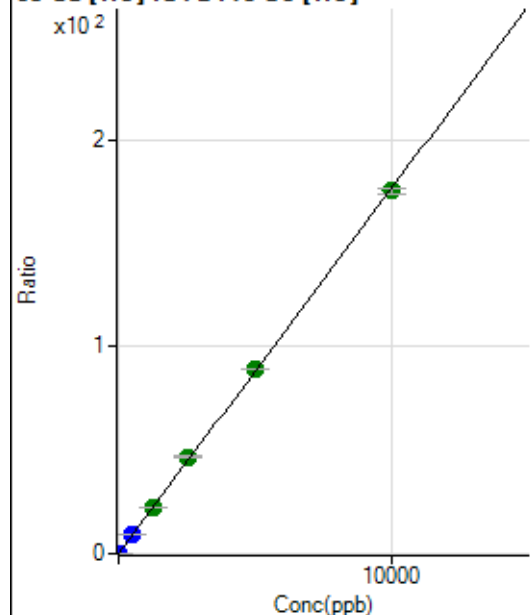
$$R = 0.9996$$

$$DL = 0.04154$$

$$BEC = 0.2985$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	483.35	0.0066	P	4.3
2	☐	2.000	2.044	3148.16	0.0426	P	1.1
3	☐	500.000	524.948	684793.54	9.2619	P	1.2
4	☐	1250.000	1269.194	1585648.76	22.3836	A	1.0
5	☐	2500.000	2657.059	3329621.86	46.8528	A	1.9
6	☐	5000.000	5045.999	6179244.14	88.9719	A	0.2
7	☐	10000.000	9934.089	11894194.41	175.1533	A	1.5
8	☐			6621.61	0.0999	P	5.4

$$y = 0.0176 * x + 0.0066$$

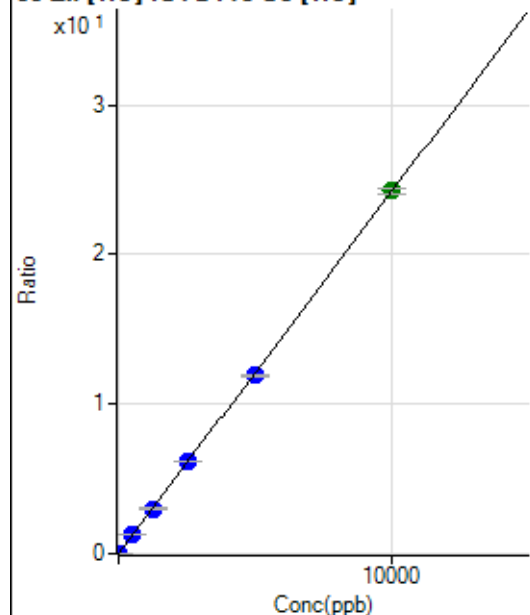
$$R = 0.9998$$

$$DL = 0.04759$$

$$BEC = 0.3723$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.78	0.0013	P	8.7
2	☐	2.000	2.174	486.68	0.0066	P	7.8
3	☐	500.000	510.739	91469.15	1.2371	P	1.8
4	☐	1250.000	1240.634	212749.14	3.0032	P	1.6
5	☐	2500.000	2563.302	440858.09	6.2036	P	1.0
6	☐	5000.000	4920.117	826890.81	11.9062	P	0.7
7	☐	10000.000	10024.749	1647286.95	24.2575	A	1.5
8	☐			7778.87	0.1176	P	8.8

$$y = 0.0024 * x + 0.0013$$

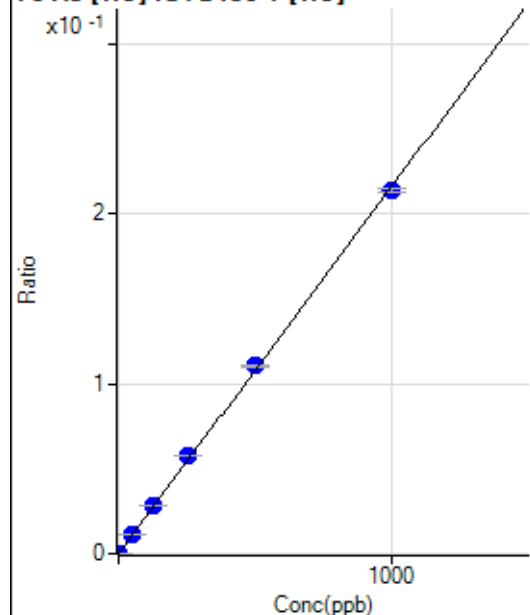
$$R = 0.9999$$

$$DL = 0.1439$$

$$BEC = 0.5489$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.33	0.0000	P	75.5
2	☐	1.000	1.115	142.35	0.0003	P	9.7
3	☐	50.000	52.044	6425.79	0.0112	P	1.6
4	☐	125.000	129.101	15017.13	0.0279	P	1.0
5	☐	250.000	267.823	31268.19	0.0579	P	1.0
6	☐	500.000	512.494	59053.30	0.1107	P	0.8
7	☐	1000.000	988.682	112176.74	0.2135	P	1.0
8	☐			50.01	0.0001	P	5.1

$$y = 2.1598E-004 * x + 9.4415E-006$$

$$R = 0.9997$$

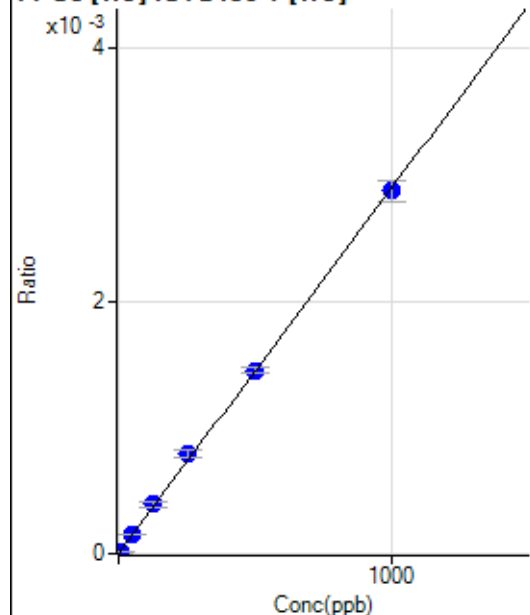
$$DL = 0.09899$$

$$BEC = 0.04371$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.404	10.00	0.0000	P	0.8
3	☐	50.000	50.440	84.44	0.0001	P	2.3
4	☐	125.000	134.878	211.12	0.0004	P	12.3
5	☐	250.000	272.984	427.79	0.0008	P	6.3
6	☐	500.000	500.443	773.36	0.0014	P	3.4
7	☐	1000.000	992.774	1508.98	0.0029	P	5.6
8	☐			4.44	0.0000	P	39.9

$$y = 2.8920\text{E-}006 * x + 1.9620\text{E-}006$$

$$R = 0.9997$$

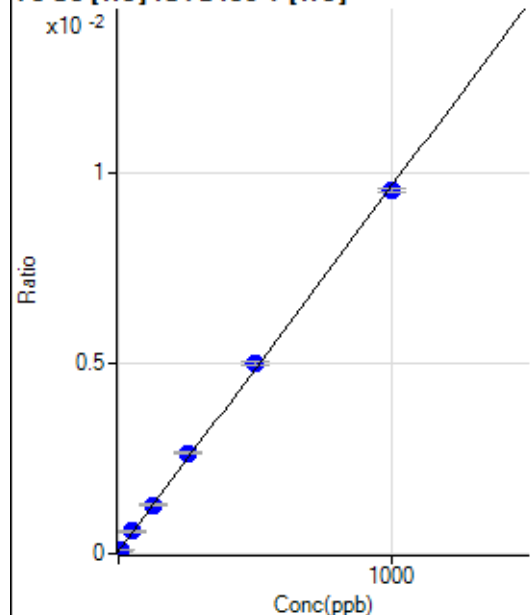
$$DL = 3.525$$

$$BEC = 0.6784$$

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	34.67	0.0001	P	21.2
2	☐	5.000	4.200	58.01	0.0001	P	12.2
3	☐	50.000	54.740	335.70	0.0006	P	12.5
4	☐	125.000	126.722	688.42	0.0013	P	3.1
5	☐	250.000	269.778	1433.55	0.0027	P	2.2
6	☐	500.000	514.564	2669.19	0.0050	P	1.7
7	☐	1000.000	987.325	5013.40	0.0095	P	0.9
8	☐			30.67	0.0001	P	22.9

$$y = 9.6037\text{E-}006 * x + 6.1628\text{E-}005$$

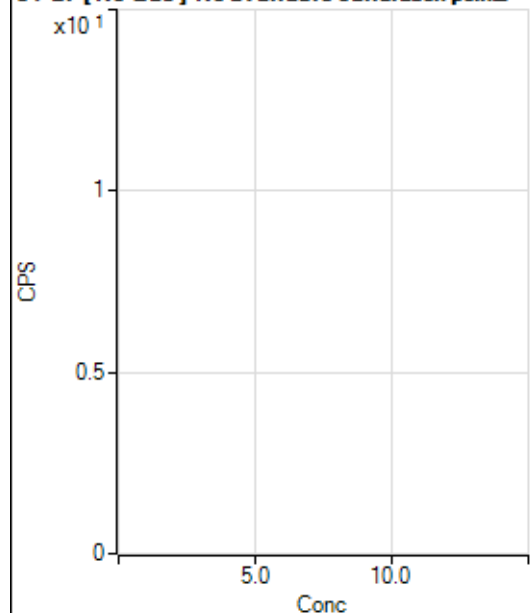
$$R = 0.9996$$

$$DL = 4.077$$

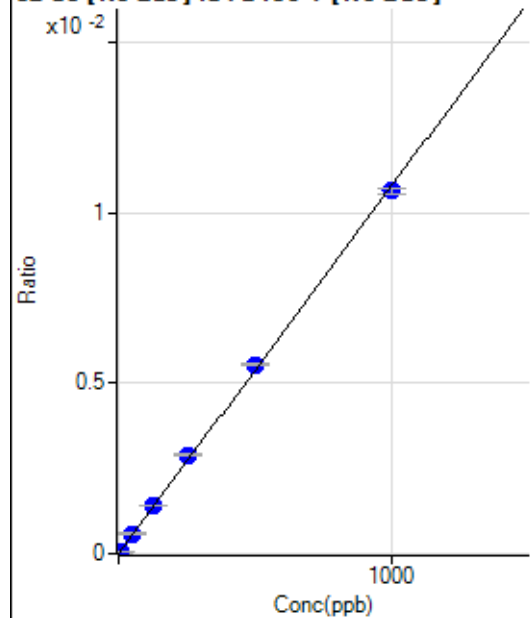
$$BEC = 6.417$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2099.00		P	5.4
2	☐			2102.33		P	4.6
3	☐			1935.46		P	3.9
4	☐			2018.90		P	9.8
5	☐			1912.10		P	0.9
6	☐			1878.74		P	1.5
7	☐			2008.88		P	6.9
8	☐			2022.23		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-64.78	0.0000	P	-38.3
2	☐	5.000	5.105	199.96	0.0000	P	19.9
3	☐	50.000	54.601	2764.77	0.0006	P	6.3
4	☐	125.000	131.334	6597.88	0.0014	P	2.3
5	☐	250.000	266.903	13414.53	0.0029	P	1.9
6	☐	500.000	514.893	25951.10	0.0055	P	1.2
7	☐	1000.000	987.305	49788.93	0.0107	P	1.4
8	☐			-25.07	0.0000	P	-410.

$$y = 1.0802E-005 * x - 1.3639E-005$$

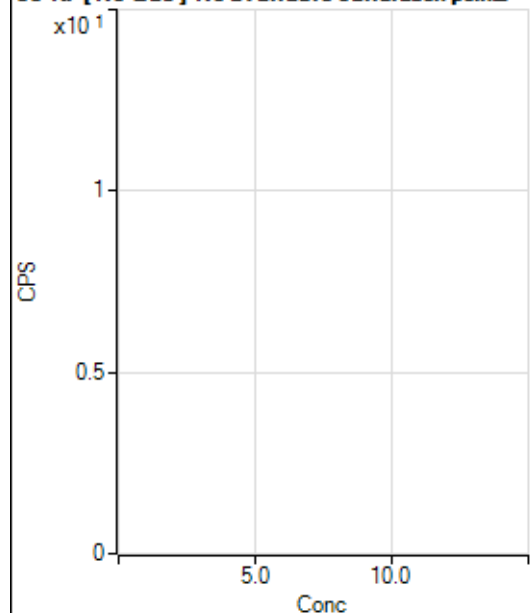
$$R = 0.9997$$

$$DL = 1.452$$

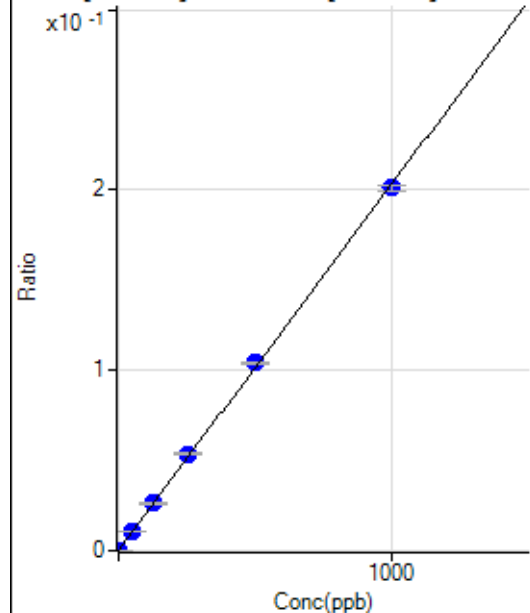
$$BEC = -1.263$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			457.79		P	4.0
2	☐			447.79		P	7.9
3	☐			438.90		P	6.6
4	☐			413.34		P	9.5
5	☐			454.46		P	8.1
6	☐			423.35		P	3.9
7	☐			417.79		P	12.9
8	☐			407.79		P	17.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	638.92	0.0001	P	14.8
2	☐	1.000	0.948	1589.02	0.0003	P	11.4
3	☐	50.000	52.898	52217.35	0.0109	P	2.1
4	☐	125.000	128.432	123024.64	0.0262	P	1.0
5	☐	250.000	263.192	250331.13	0.0535	P	1.8
6	☐	500.000	511.532	486222.62	0.1039	P	0.9
7	☐	1000.000	990.362	940154.32	0.2011	P	1.8
8	☐			2625.31	0.0006	P	6.9

$$y = 2.0294E-004 * x + 1.3752E-004$$

$$R = 0.9998$$

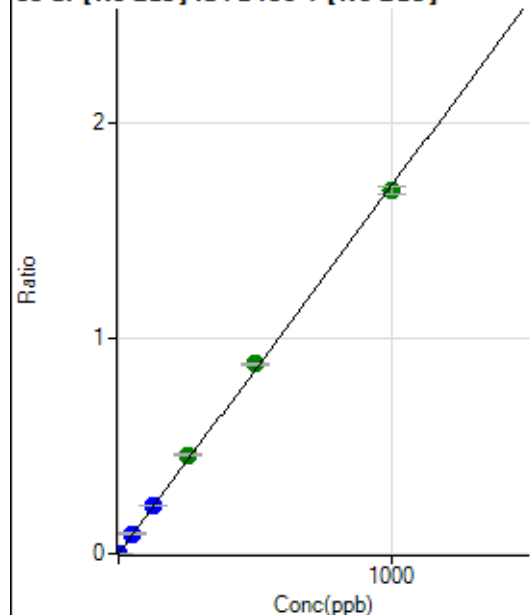
$$DL = 0.3012$$

$$BEC = 0.6776$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.79	0.0000	P	10.9
2	☐	1.000	0.987	8258.22	0.0017	P	5.5
3	☐	50.000	54.176	444578.34	0.0926	P	3.4
4	☐	125.000	131.169	1052775.37	0.2242	P	1.0
5	☐	250.000	267.931	2140650.81	0.4580	A	1.6
6	☐	500.000	516.453	4129123.22	0.8827	A	0.6
7	☐	1000.000	986.311	7880233.16	1.6857	A	2.0
8	☐			17784.11	0.0038	P	5.0

$$y = 0.0017 * x + 2.7249E-005$$

$$R = 0.9996$$

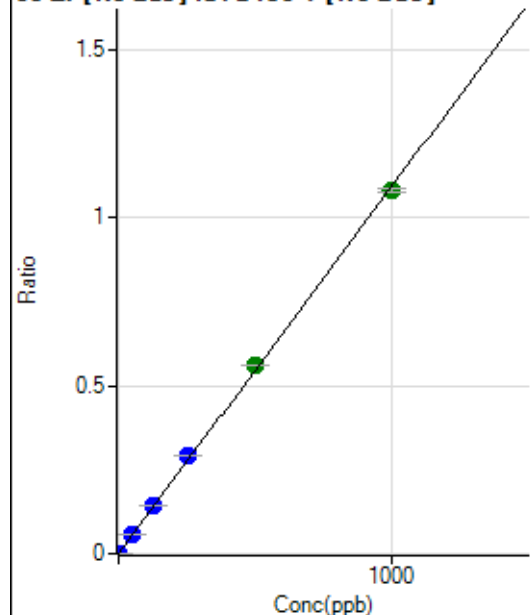
$$DL = 0.005204$$

$$BEC = 0.01594$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0001	P	21.5
2	☐	1.000	0.913	5098.30	0.0011	P	3.1
3	☐	50.000	53.853	282443.84	0.0588	P	2.3
4	☐	125.000	129.702	664864.64	0.1416	P	0.7
5	☐	250.000	266.586	1360151.85	0.2910	P	0.7
6	☐	500.000	512.345	2615350.43	0.5591	A	0.4
7	☐	1000.000	988.901	5044547.60	1.0791	A	1.0
8	☐			1452.90	0.0003	P	11.9

$$y = 0.0011 * x + 6.2924E-005$$

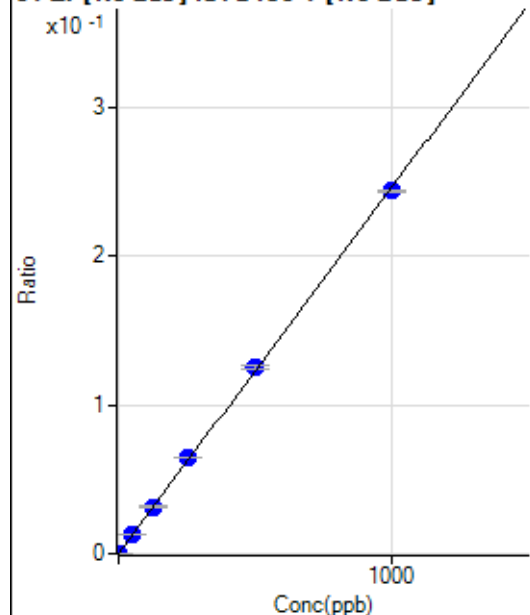
$$R = 0.9997$$

$$DL = 0.03716$$

$$BEC = 0.05767$$

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	72.23	0.0000	P	40.7
2	☐	1.000	0.939	1188.97	0.0002	P	11.9
3	☐	50.000	52.812	62431.92	0.0130	P	3.3
4	☐	125.000	128.604	148609.61	0.0316	P	0.3
5	☐	250.000	262.151	301519.05	0.0645	P	0.6
6	☐	500.000	509.608	586409.46	0.1254	P	1.2
7	☐	1000.000	991.567	1140210.88	0.2439	P	0.5
8	☐			311.12	0.0001	P	16.9

$$y = 2.4597\text{E-}004 * x + 1.5631\text{E-}005$$

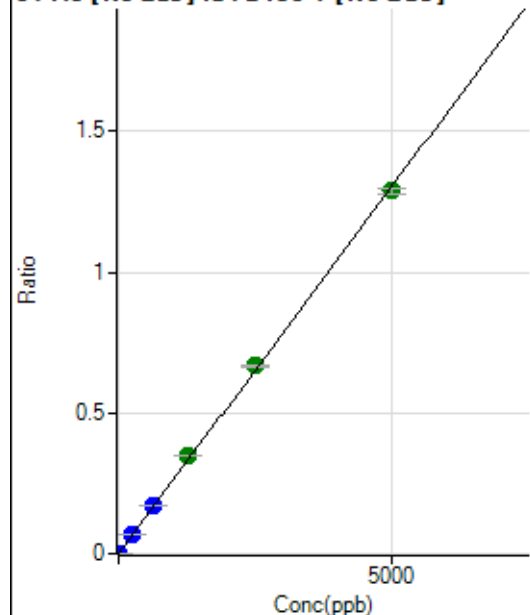
$$R = 0.9998$$

$$DL = 0.07757$$

$$BEC = 0.06355$$

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	75.00	0.0000	P	28.2
2	☐	5.000	4.900	6226.58	0.0013	P	2.9
3	☐	250.000	270.120	337895.17	0.0704	P	3.3
4	☐	625.000	647.847	792621.92	0.1688	P	1.2
5	☐	1250.000	1337.295	1628882.98	0.3484	A	0.7
6	☐	2500.000	2556.842	3115970.12	0.6662	A	1.4
7	☐	5000.000	4945.893	6023469.49	1.2886	A	1.7
8	☐			4350.81	0.0009	P	0.8

$$y = 2.6054\text{E-}004 * x + 1.6224\text{E-}005$$

$$R = 0.9997$$

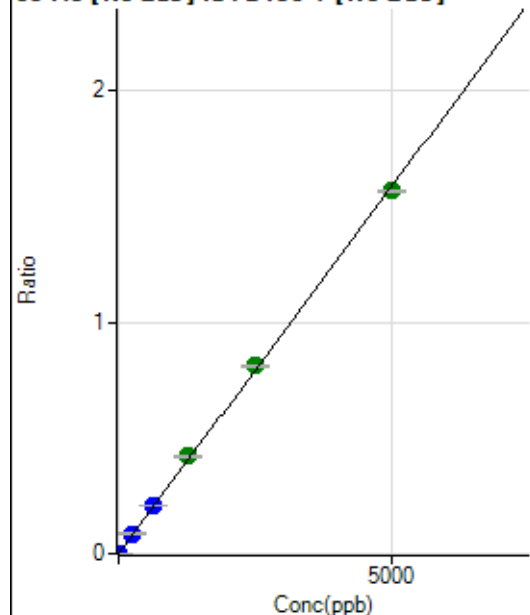
$$DL = 0.0527$$

$$BEC = 0.06227$$

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	5.55	0.0000	P	86.6
2	☐	5.000	5.301	8094.24	0.0017	P	0.9
3	☐	250.000	271.349	412647.26	0.0860	P	3.7
4	☐	625.000	648.103	964168.95	0.2053	P	1.1
5	☐	1250.000	1327.342	1966058.31	0.4205	A	1.7
6	☐	2500.000	2566.226	3803183.98	0.8131	A	1.1
7	☐	5000.000	4943.596	7321818.22	1.5663	A	0.6
8	☐			6512.83	0.0014	P	0.6

$$y = 3.1683\text{E-}004 * x + 1.1462\text{E-}006$$

$$R = 0.9997$$

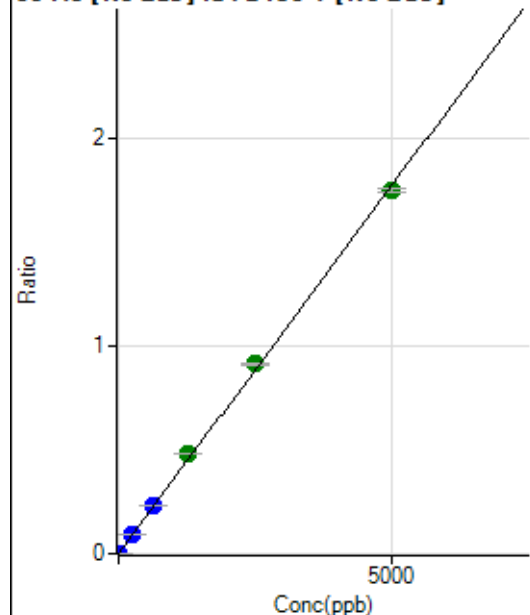
$$DL = 0.0094$$

$$BEC = 0.003618$$

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	202.78	0.0000	P	10.5
2	☐	5.000	5.089	8905.86	0.0018	P	0.4
3	☐	250.000	270.364	460780.26	0.0960	P	2.9
4	☐	625.000	647.023	1078362.04	0.2296	P	1.3
5	☐	1250.000	1350.687	2240949.68	0.4794	A	0.6
6	☐	2500.000	2577.926	4279213.12	0.9149	A	1.5
7	☐	5000.000	4932.094	8182062.86	1.7503	A	1.0
8	☐			7502.24	0.0016	P	7.6

$$y = 3.5487\text{E-}004 * x + 4.3209\text{E-}005$$

$$R = 0.9996$$

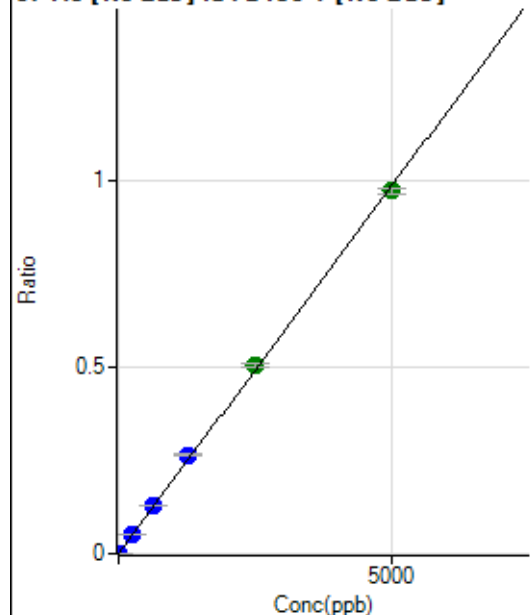
$$DL = 0.03853$$

$$BEC = 0.1218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	50.7
2	☐	5.000	5.370	5145.53	0.0011	P	1.2
3	☐	250.000	268.255	253967.54	0.0529	P	1.6
4	☐	625.000	655.173	606525.31	0.1292	P	1.1
5	☐	1250.000	1345.738	1240225.81	0.2653	P	0.4
6	☐	2500.000	2569.881	2369661.66	0.5066	A	1.5
7	☐	5000.000	4936.441	4548936.34	0.9731	A	1.5
8	☐			4170.18	0.0009	P	6.3

$$y = 1.9713E-004 * x + 9.7227E-006$$

$$R = 0.9996$$

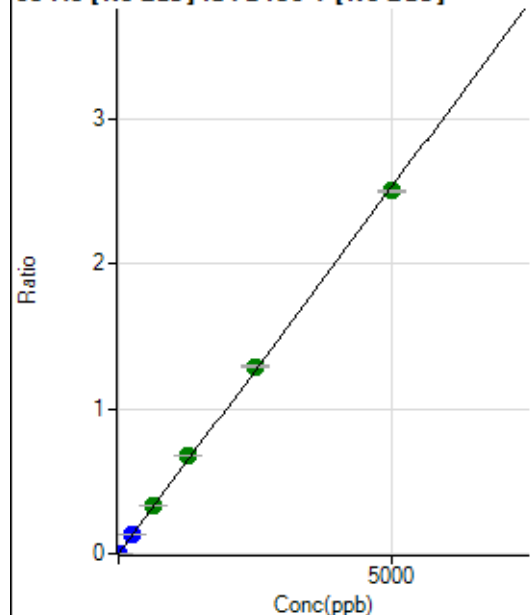
$$DL = 0.07496$$

$$BEC = 0.04932$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	6.7
2	☐	5.000	5.281	12875.75	0.0027	P	0.9
3	☐	250.000	269.658	654394.91	0.1363	P	3.2
4	☐	625.000	654.166	1552897.72	0.3307	A	1.9
5	☐	1250.000	1337.397	3160464.72	0.6761	A	1.2
6	☐	2500.000	2547.280	6023479.73	1.2878	A	1.2
7	☐	5000.000	4949.882	11697517.71	2.5024	A	0.6
8	☐			10440.31	0.0022	P	2.9

$$y = 5.0554E-004 * x + 3.5781E-006$$

$$R = 0.9998$$

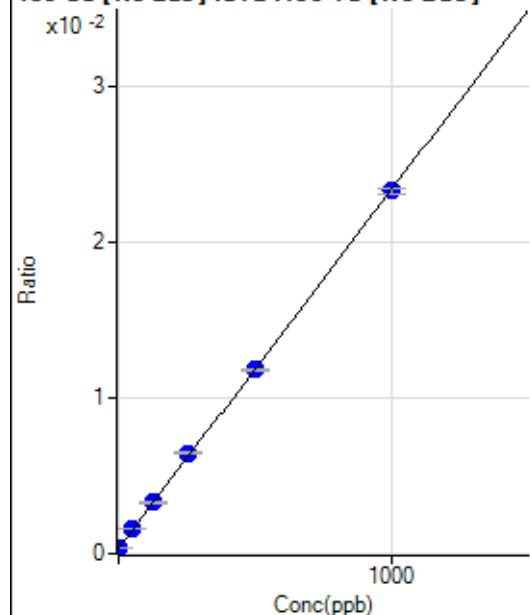
$$DL = 0.001431$$

$$BEC = 0.007078$$

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	1202.86	0.0004	P	5.5
2	☐	1.000	0.959	1319.55	0.0004	P	7.1
3	☐	50.000	54.830	5606.85	0.0016	P	4.1
4	☐	125.000	127.783	11199.27	0.0033	P	3.4
5	☐	250.000	264.485	21848.31	0.0065	P	1.4
6	☐	500.000	498.748	41095.06	0.0118	P	1.1
7	☐	1000.000	996.416	79783.35	0.0233	P	1.7
8	☐			1338.99	0.0004	P	11.5

$$y = 2.3048\text{E-}005 * x + 3.5486\text{E-}004$$

$$R = 0.9999$$

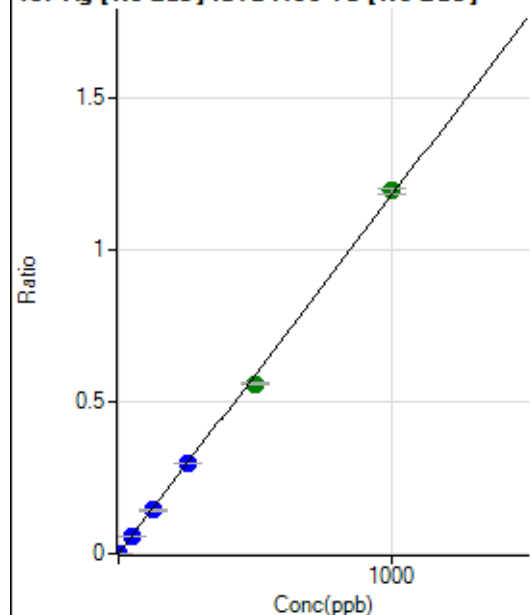
$$DL = 2.529$$

$$BEC = 15.4$$

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	19.45	0.0000	P	21.3
2	☐	1.000	0.977	4039.60	0.0012	P	7.5
3	☐	50.000	50.333	205234.25	0.0592	P	2.4
4	☐	125.000	121.274	484289.34	0.1427	P	1.0
5	☐	250.000	252.326	1005730.36	0.2969	P	1.1
6	☐	500.000	473.966	1934108.92	0.5577	A	1.6
7	☐	1000.000	1012.884	4077834.81	1.1919	A	1.4
8	☐			1152.87	0.0003	P	11.5

$$y = 0.0012 * x + 5.7285\text{E-}006$$

$$R = 0.9995$$

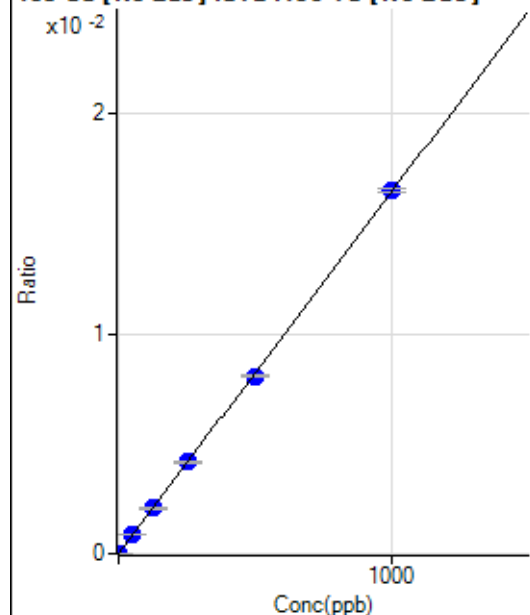
$$DL = 0.003117$$

$$BEC = 0.004868$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.95	0.0000	P	124.6
2	☐	1.000	0.868	56.94	0.0000	P	10.1
3	☐	50.000	52.962	3026.77	0.0009	P	2.1
4	☐	125.000	125.737	7026.89	0.0021	P	2.3
5	☐	250.000	253.395	14128.17	0.0042	P	1.7
6	☐	500.000	491.217	28028.59	0.0081	P	1.8
7	☐	1000.000	1003.303	56483.11	0.0165	P	1.0
8	☐			36.11	0.0000	P	14.9

$$y = 1.6451\text{E-}005 * x + 1.9777\text{E-}006$$

$$R = 0.9999$$

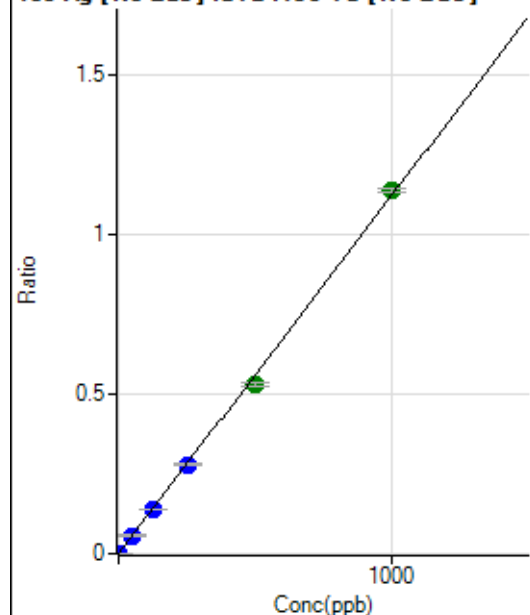
$$DL = 0.4494$$

$$BEC = 0.1202$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	42.2
2	☐	1.000	0.960	3792.30	0.0011	P	3.0
3	☐	50.000	50.659	196736.94	0.0568	P	3.5
4	☐	125.000	122.643	466550.31	0.1375	P	1.2
5	☐	250.000	249.517	947439.94	0.2797	P	0.8
6	☐	500.000	473.373	1840045.79	0.5306	A	1.6
7	☐	1000.000	1013.696	3888015.06	1.1363	A	0.9
8	☐			1080.63	0.0003	P	16.6

$$y = 0.0011 * x + 8.1150\text{E-}006$$

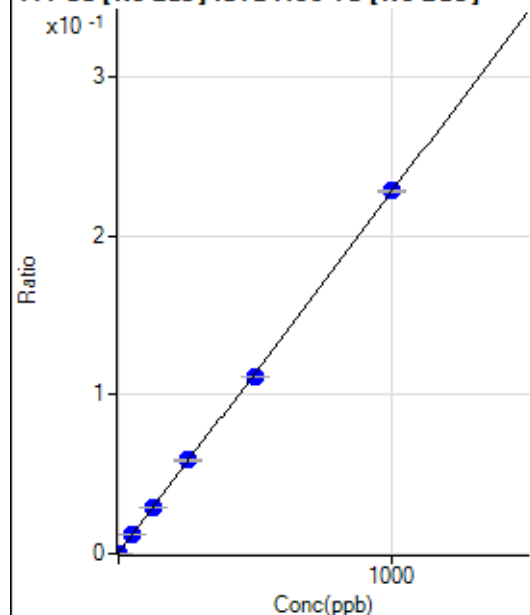
$$R = 0.9995$$

$$DL = 0.009174$$

$$BEC = 0.00724$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	853.81	0.0003	P	6.2
2	☐	1.000	1.031	1700.52	0.0005	P	6.4
3	☐	50.000	51.727	41574.50	0.0120	P	2.6
4	☐	125.000	125.555	97615.34	0.0288	P	2.0
5	☐	250.000	258.156	199440.98	0.0589	P	1.0
6	☐	500.000	489.151	386108.04	0.1113	P	0.8
7	☐	1000.000	1003.230	780434.16	0.2281	P	0.7
8	☐			1064.80	0.0003	P	9.8

$$y = 2.2711\text{E-}004 * x + 2.5177\text{E-}004$$

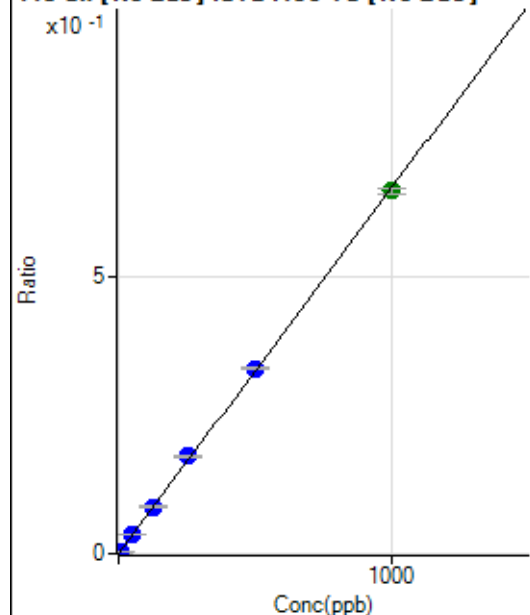
$$R = 0.9999$$

$$DL = 0.2074$$

$$BEC = 1.109$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	344.46	0.0001	P	10.4
2	☐	5.000	4.962	11819.34	0.0034	P	0.7
3	☐	50.000	53.524	122746.95	0.0354	P	3.5
4	☐	125.000	128.365	287909.16	0.0848	P	0.9
5	☐	250.000	266.819	596926.37	0.1762	P	1.0
6	☐	500.000	505.850	1158332.06	0.3340	P	1.3
7	☐	1000.000	992.274	2241552.26	0.6551	A	1.3
8	☐			2153.00	0.0006	P	4.6

$$y = 6.6014\text{E-}004 * x + 1.0155\text{E-}004$$

$$R = 0.9998$$

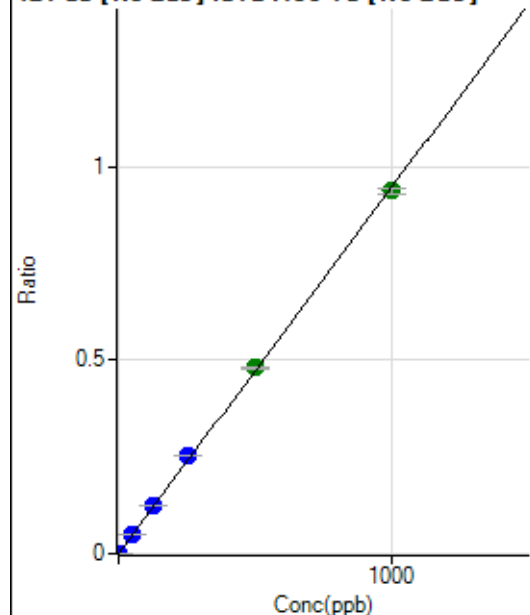
$$DL = 0.04787$$

$$BEC = 0.1538$$

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	33.33	0.0000	P	48.3
2	☐	2.000	1.953	6498.92	0.0019	P	3.7
3	☐	50.000	53.989	176959.54	0.0511	P	3.1
4	☐	125.000	130.699	419597.79	0.1236	P	0.4
5	☐	250.000	267.873	858317.84	0.2534	P	0.3
6	☐	500.000	507.312	1664235.78	0.4799	A	0.2
7	☐	1000.000	990.964	3207192.13	0.9374	A	1.9
8	☐			2497.51	0.0007	P	7.8

$$y = 9.4595\text{E-}004 * x + 9.8645\text{E-}006$$

$$R = 0.9998$$

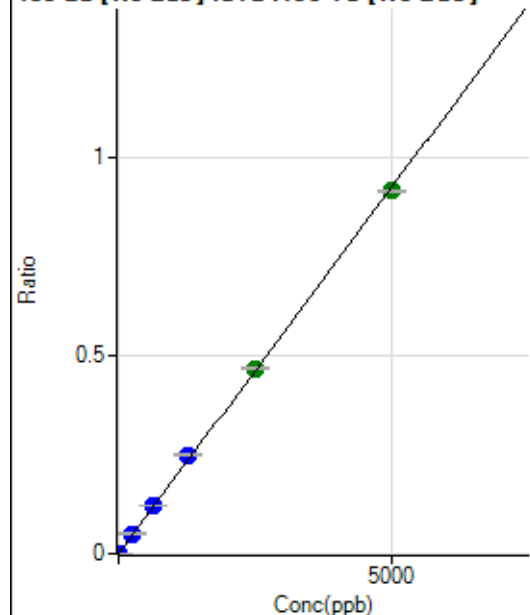
$$DL = 0.01511$$

$$BEC = 0.01043$$

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	30.56	0.0000	P	38.6
2	☐	10.000	10.241	6646.24	0.0019	P	3.4
3	☐	250.000	271.529	173564.51	0.0501	P	3.7
4	☐	625.000	658.109	412074.86	0.1214	P	2.1
5	☐	1250.000	1348.034	842495.16	0.2487	P	1.1
6	☐	2500.000	2530.009	1618796.95	0.4668	A	0.7
7	☐	5000.000	4955.271	3128197.44	0.9143	A	0.9
8	☐			6368.33	0.0018	P	2.2

$$y = 1.8450\text{E-}004 * x + 9.1754\text{E-}006$$

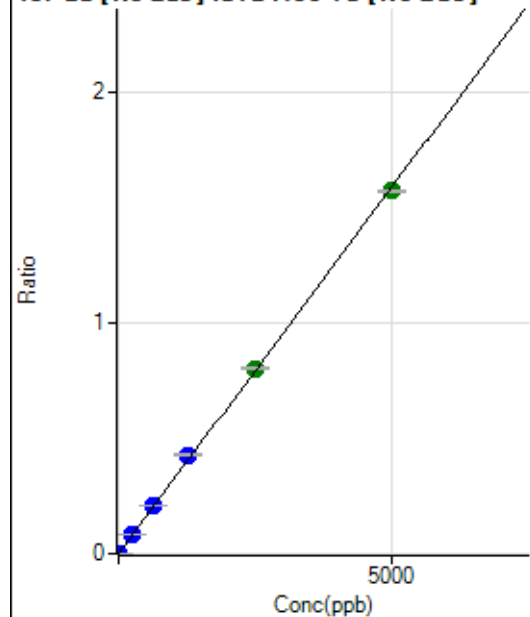
$$R = 0.9998$$

$$DL = 0.05751$$

$$BEC = 0.04973$$

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	61.12	0.0000	P	32.6
2	☐	10.000	9.960	11124.37	0.0032	P	3.4
3	☐	250.000	270.909	297938.02	0.0860	P	3.1
4	☐	625.000	652.285	702624.36	0.2070	P	1.1
5	☐	1250.000	1351.567	1453099.74	0.4290	P	1.3
6	☐	2500.000	2530.407	2785127.88	0.8031	A	0.8
7	☐	5000.000	4954.949	5381203.03	1.5727	A	0.3
8	☐			10773.99	0.0031	P	2.7

$$y = 3.1739\text{E-}004 * x + 1.8063\text{E-}005$$

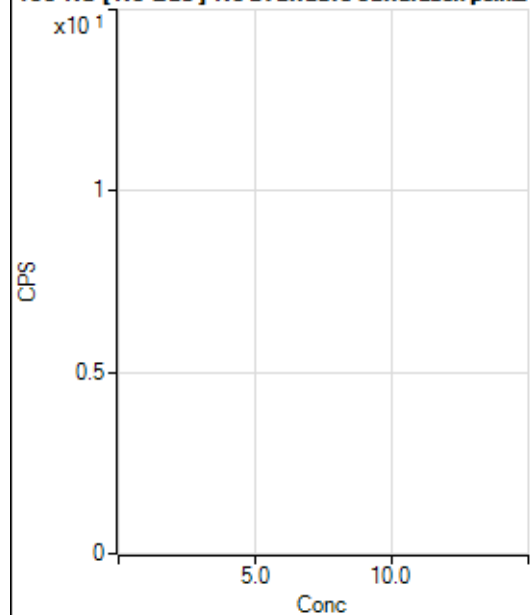
$$R = 0.9997$$

$$DL = 0.05572$$

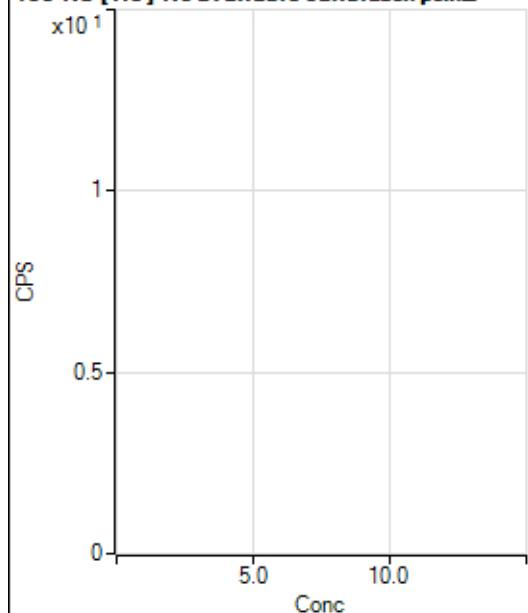
$$BEC = 0.05691$$

Weight: <None>

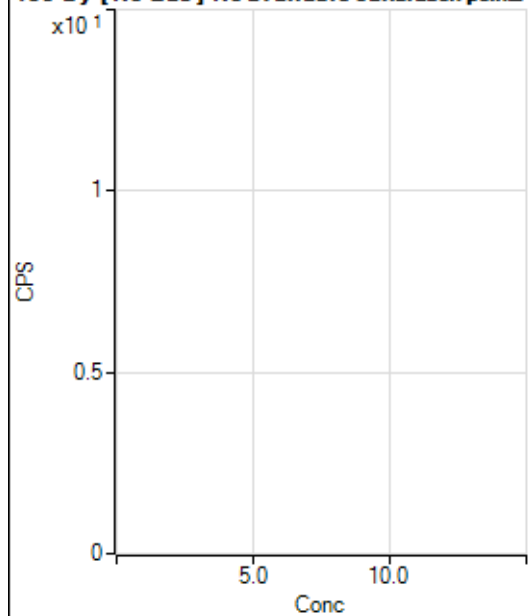
Min Conc: 0

150 Nd [No Gas] No available calibration points

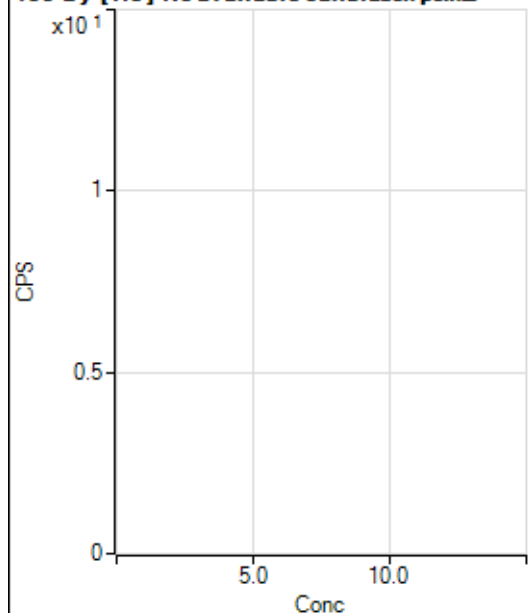
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			4.44		P	173.2
3	☐			13.33		P	132.3
4	☐			20.00		P	57.7
5	☐			26.67		P	43.3
6	☐			60.00		P	22.2
7	☐			91.12		P	4.2
8	☐			44.45		P	37.7

150 Nd [He] No available calibration points

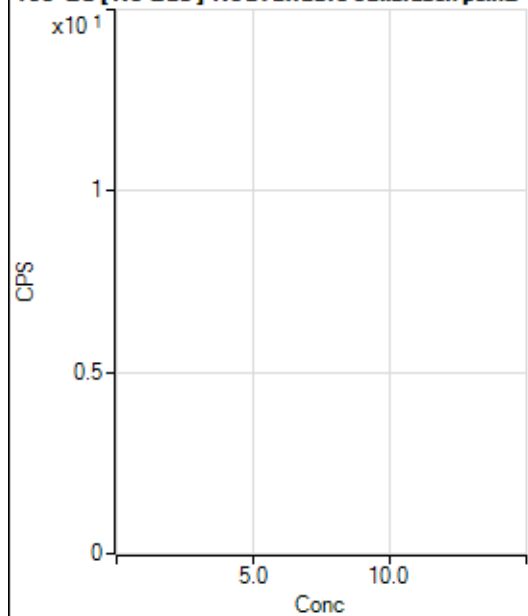
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			2.22		P	86.6
4	☐			2.22		P	173.2
5	☐			6.67		P	50.0
6	☐			3.33		P	100.1
7	☐			6.67		P	50.0
8	☐			14.44		P	13.4

156 Dy [No Gas] No available calibration points

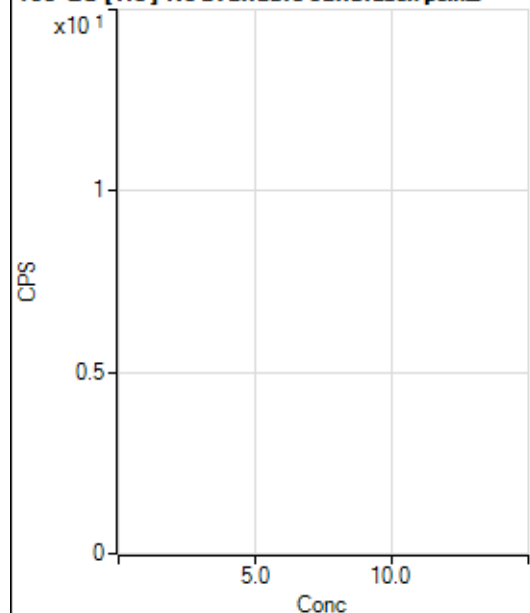
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			5.55		P	86.6
3	☐			8.33		P	0.0
4	☐			8.33		P	100.0
5	☐			25.00		P	0.0
6	☐			44.45		P	108.2
7	☐			66.67		P	0.0
8	☐			172.23		P	15.6

156 Dy [He] No available calibration points

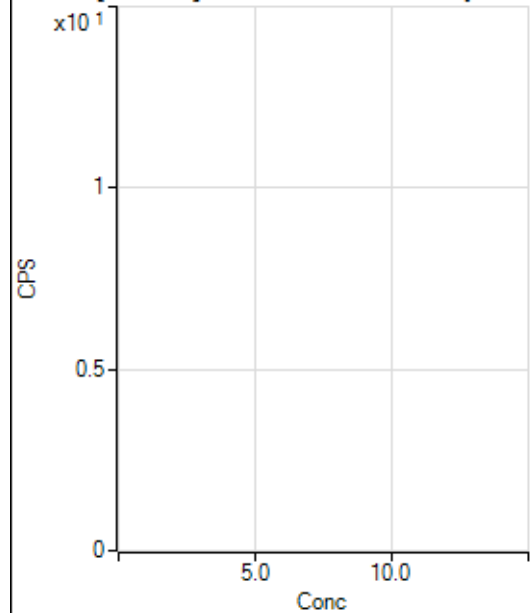
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			5.56		P	91.6
3	☐			6.67		P	100.0
4	☐			13.33		P	25.0
5	☐			16.67		P	40.0
6	☐			24.44		P	41.7
7	☐			25.56		P	19.9
8	☐			100.00		P	3.3

160 Gd [No Gas] Noavailable calibration poin...

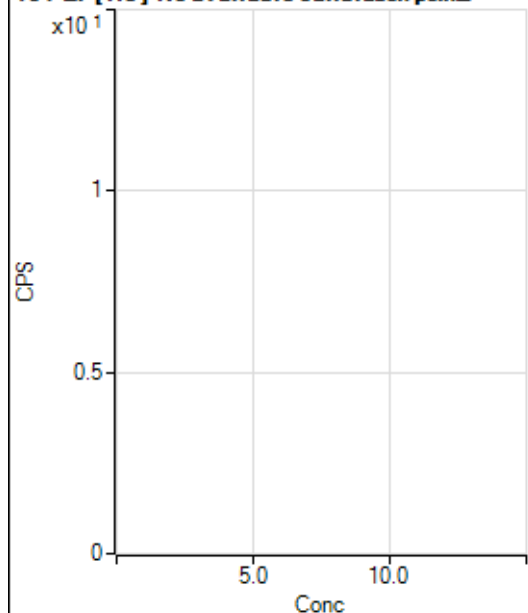
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐			38.89		P	24.7
3	☐			50.00		P	28.9
4	☐			58.33		P	42.9
5	☐			61.11		P	31.5
6	☐			63.89		P	39.8
7	☐			38.89		P	44.6
8	☐			191.68		P	15.7

160 Gd [He] No available calibration points

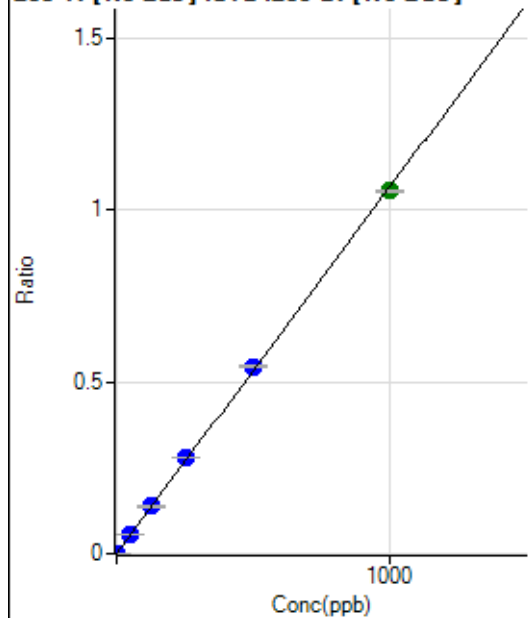
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	69.3
2	☐			18.89		P	66.8
3	☐			18.89		P	66.8
4	☐			17.78		P	78.1
5	☐			14.44		P	13.4
6	☐			16.67		P	NaN
7	☐			27.78		P	38.6
8	☐			138.89		P	11.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐			11.11		P	86.6
3	☐			22.22		P	57.3
4	☐			8.33		P	100.0
5	☐			27.78		P	62.5
6	☐			30.56		P	56.8
7	☐			16.66		P	86.6
8	☐			44.45		P	39.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			10.00		P	66.7
3	☐			8.89		P	94.4
4	☐			15.55		P	44.6
5	☐			12.22		P	56.8
6	☐			13.34		P	43.3
7	☐			13.33		P	43.3
8	☐			21.11		P	24.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0001	P	70.4
2	☐	1.000	0.897	2044.68	0.0010	P	3.4
3	☐	50.000	52.955	113647.88	0.0565	P	5.2
4	☐	125.000	129.463	270084.79	0.1380	P	1.7
5	☐	250.000	262.094	558053.80	0.2794	P	0.7
6	☐	500.000	511.611	1095395.60	0.5453	P	0.7
7	☐	1000.000	990.465	2118757.28	1.0556	A	0.4
8	☐			1030.63	0.0005	P	17.1

$$y = 0.0011 * x + 6.4819E-005$$

$$R = 0.9998$$

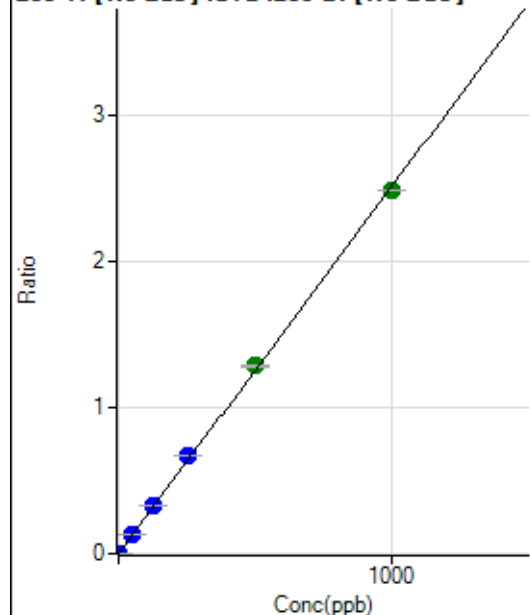
$$DL = 0.1284$$

$$BEC = 0.06082$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.57	0.0001	P	9.4
2	☐	1.000	1.007	5295.67	0.0026	P	4.1
3	☐	50.000	53.628	271001.61	0.1347	P	3.5
4	☐	125.000	130.277	639748.45	0.3270	P	2.8
5	☐	250.000	266.284	1334653.35	0.6682	P	0.3
6	☐	500.000	511.980	2580582.05	1.2846	A	1.2
7	☐	1000.000	989.098	4981169.25	2.4817	A	0.1
8	☐			2642.00	0.0013	P	7.8

$$y = 0.0025 * x + 1.1793E-004$$

$$R = 0.9997$$

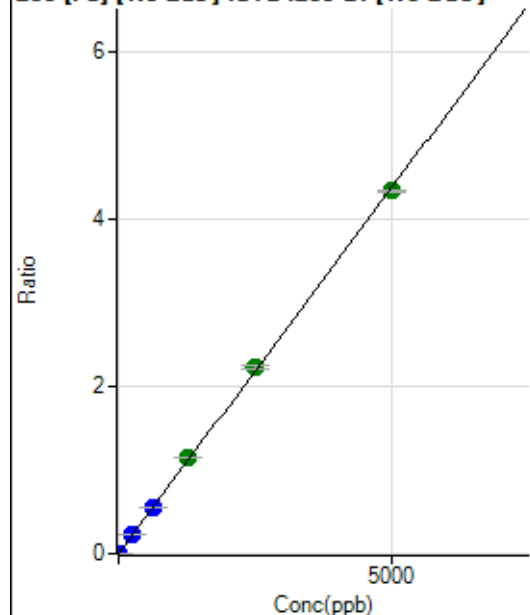
$$DL = 0.01323$$

$$BEC = 0.04701$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	448.16	0.0002	P	13.7
2	☐	1.000	1.018	2242.82	0.0011	P	2.7
3	☐	250.000	260.298	458003.95	0.2276	P	4.3
4	☐	625.000	633.789	1083852.63	0.5539	P	2.1
5	☐	1250.000	1308.821	2284412.46	1.1437	A	0.5
6	☐	2500.000	2548.823	4473585.00	2.2270	A	1.3
7	☐	5000.000	4959.270	8697029.25	4.3329	A	0.2
8	☐			9625.96	0.0049	P	3.5

$$y = 8.7365E-004 * x + 2.3015E-004$$

$$R = 0.9999$$

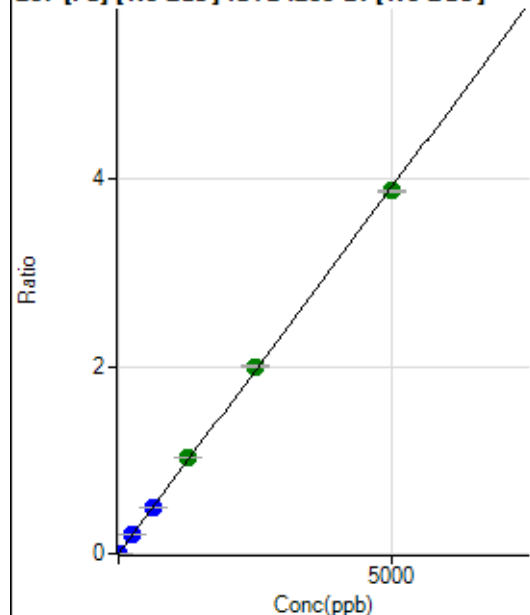
$$DL = 0.1083$$

$$BEC = 0.2634$$

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	407.42	0.0002	P	21.2
2	☐	1.000	0.920	1861.28	0.0009	P	4.3
3	☐	250.000	261.186	411730.79	0.2047	P	4.8
4	☐	625.000	638.270	978056.77	0.4999	P	1.3
5	☐	1250.000	1310.755	2049918.04	1.0263	A	0.4
6	☐	2500.000	2557.164	4021535.10	2.0020	A	1.3
7	☐	5000.000	4954.011	7784151.10	3.8782	A	0.7
8	☐			8727.13	0.0044	P	5.6

$$y = 7.8281E-004 * x + 2.0959E-004$$

$$R = 0.9998$$

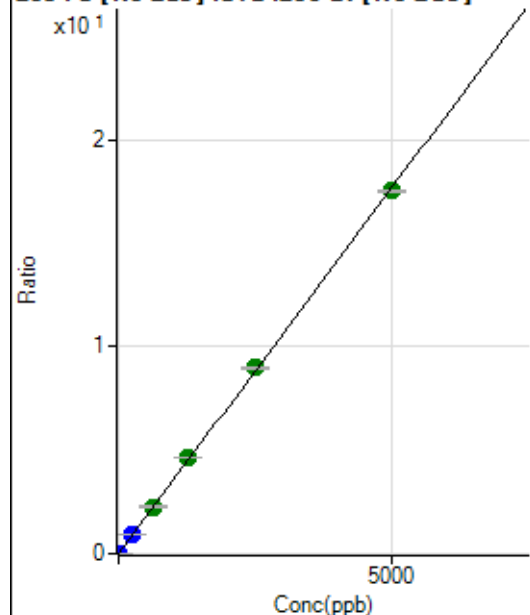
$$DL = 0.1703$$

$$BEC = 0.2677$$

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	1885.27	0.0010	P	12.0
2	☐	1.000	0.970	8793.92	0.0044	P	2.0
3	☐	250.000	261.507	1860134.64	0.9244	P	3.8
4	☐	625.000	641.858	4436749.32	2.2676	A	2.2
5	☐	1250.000	1308.015	9228128.36	4.6200	A	0.8
6	☐	2500.000	2538.793	18011426.79	8.9662	A	0.8
7	☐	5000.000	4963.417	35181583.54	17.5283	A	0.3
8	☐			38723.00	0.0197	P	2.1

$$y = 0.0035 * x + 9.6689E-004$$

$$R = 0.9999$$

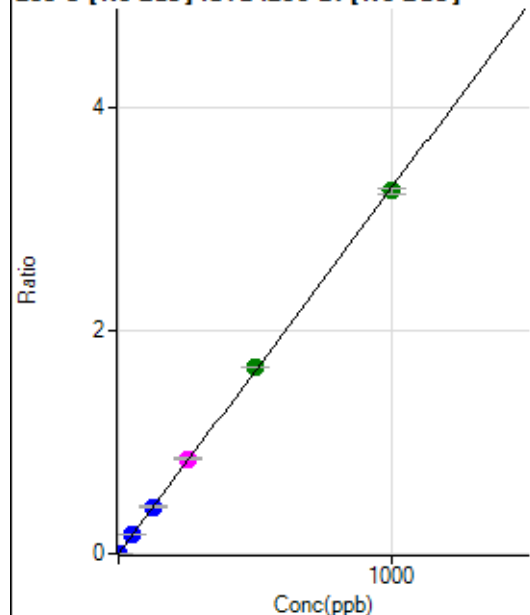
$$DL = 0.09825$$

$$BEC = 0.2738$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	38.8
2	☐	1.000	0.955	6282.31	0.0031	P	7.4
3	☐	50.000	51.945	342442.52	0.1702	P	4.2
4	☐	125.000	128.537	824045.18	0.4211	P	1.6
5	☐	250.000	259.157	1696081.08	0.8491	M	0.9
6	☐	500.000	509.909	3356176.24	1.6707	A	0.7
7	☐	1000.000	992.217	6524812.65	3.2509	A	1.5
8	☐			763.94	0.0004	P	5.9

$$y = 0.0033 * x + 7.1833E-006$$

$$R = 0.9999$$

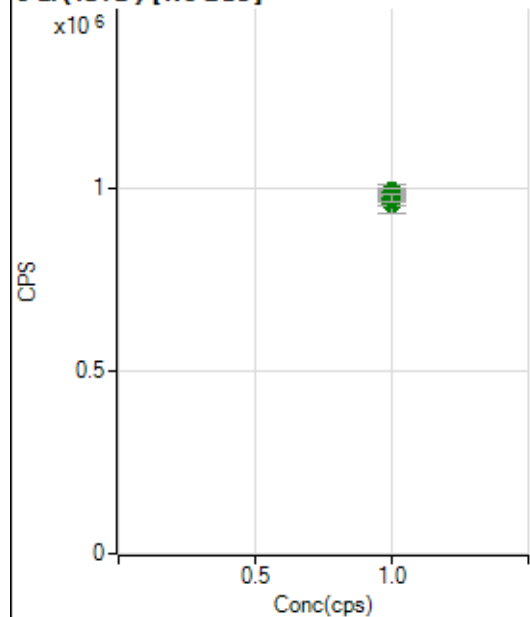
$$DL = 0.002549$$

$$BEC = 0.002192$$

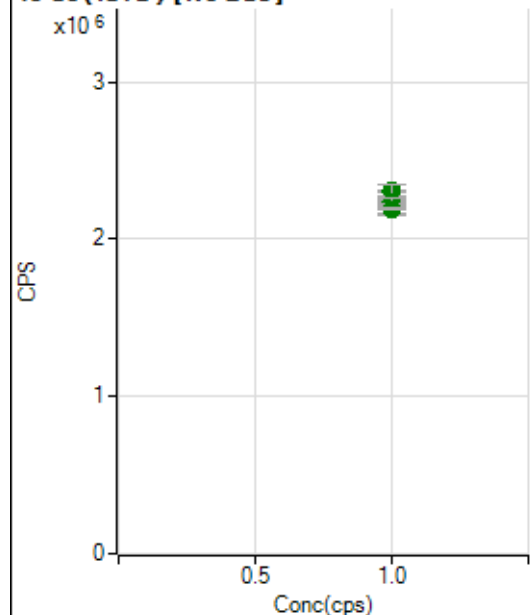
Weight: <None>

Min Conc: 0

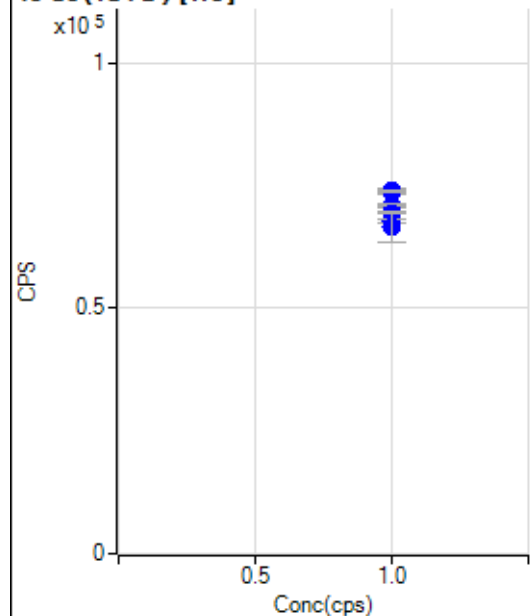
6 Li (ISTD) [No Gas]



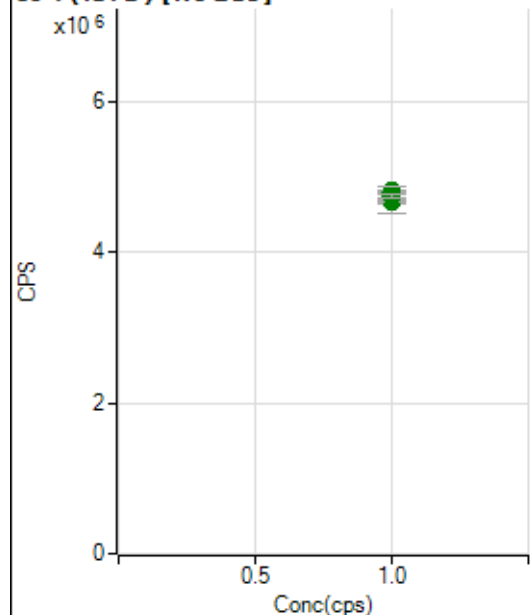
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		954606.61		A	5.7
2	☐	1.000		975656.41		A	2.0
3	☐	1.000		990881.09		A	3.3
4	☐	1.000		976201.58		A	1.0
5	☐	1.000		984087.09		A	1.9
6	☐	1.000		986617.72		A	2.1
7	☐	1.000		965301.91		A	2.9
8	☐	1.000		970832.87		A	1.8

45 Sc (ISTD) [No Gas]

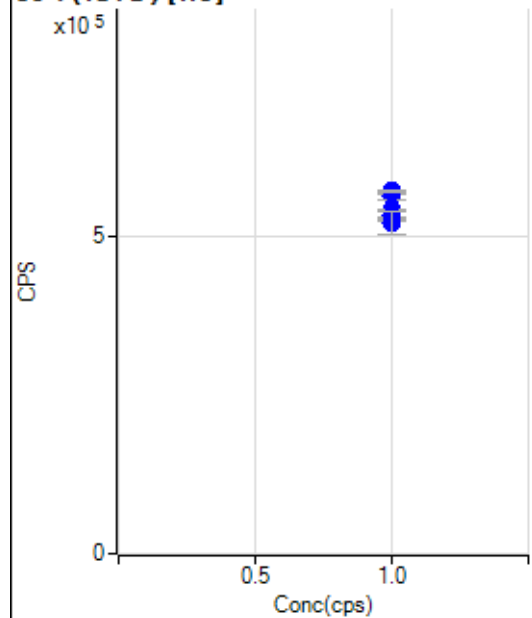
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2222570.19		A	6.8
2	☐	1.000		2297096.68		A	1.5
3	☐	1.000		2306830.09		A	3.6
4	☐	1.000		2243464.86		A	0.2
5	☐	1.000		2206215.63		A	1.8
6	☐	1.000		2241337.16		A	1.3
7	☐	1.000		2192716.72		A	2.1
8	☐	1.000		2194079.20		A	0.9

45 Sc (ISTD) [He]

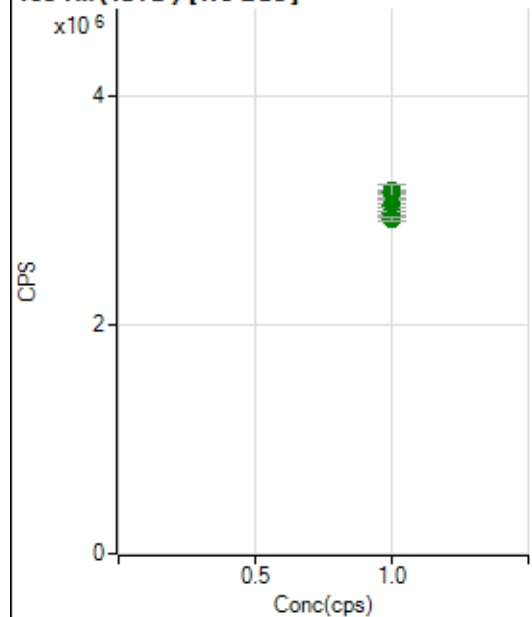
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		73626.12		P	0.2
2	☐	1.000		73913.11		P	1.5
3	☐	1.000		73939.86		P	0.6
4	☐	1.000		70839.94		P	0.7
5	☐	1.000		71068.97		P	0.8
6	☐	1.000		69452.19		P	0.6
7	☐	1.000		67913.84		P	1.0
8	☐	1.000		66491.82		P	8.9

89 Y (ISTD) [No Gas]

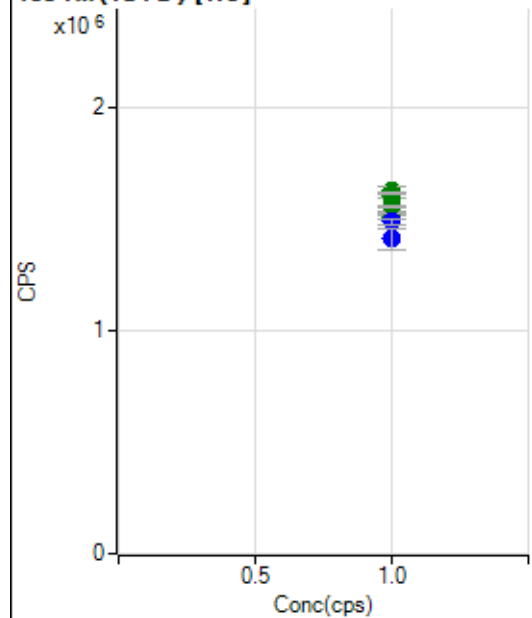
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4672641.53		A	6.5
2	☐	1.000		4815949.90		A	0.9
3	☐	1.000		4803266.39		A	3.0
4	☐	1.000		4695647.39		A	0.8
5	☐	1.000		4674740.90		A	1.1
6	☐	1.000		4677783.61		A	0.8
7	☐	1.000		4674588.19		A	0.5
8	☐	1.000		4741392.01		A	1.2

89 Y (ISTD) [He]

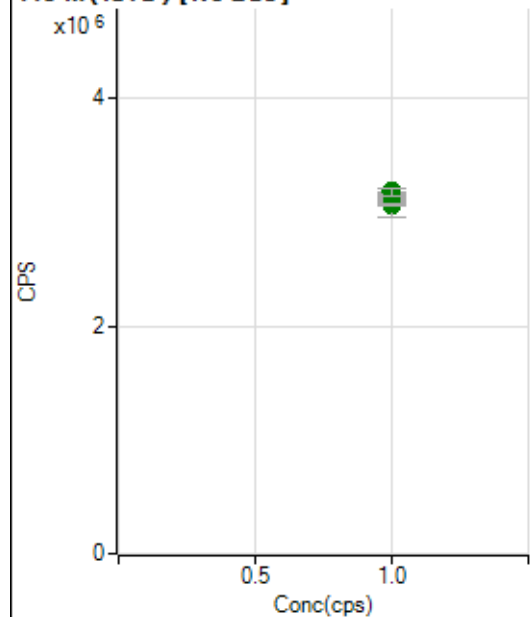
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		561813.45		P	1.2
2	☐	1.000		568542.80		P	0.8
3	☐	1.000		571217.67		P	0.8
4	☐	1.000		538376.33		P	0.3
5	☐	1.000		540490.39		P	0.8
6	☐	1.000		533498.57		P	1.5
7	☐	1.000		525319.61		P	0.6
8	☐	1.000		520037.24		P	7.1

103 Rh (ISTD) [No Gas]

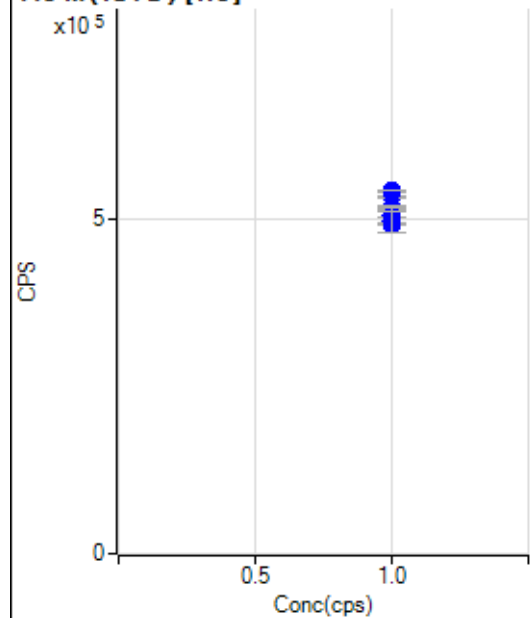
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3052992.00		A	6.0
2	☐	1.000		3173355.32		A	0.9
3	☐	1.000		3169499.57		A	3.7
4	☐	1.000		3060731.73		A	1.8
5	☐	1.000		3045291.82		A	1.4
6	☐	1.000		3020633.21		A	0.0
7	☐	1.000		2972727.24		A	1.1
8	☐	1.000		2924273.68		A	1.0

103 Rh (ISTD) [He]

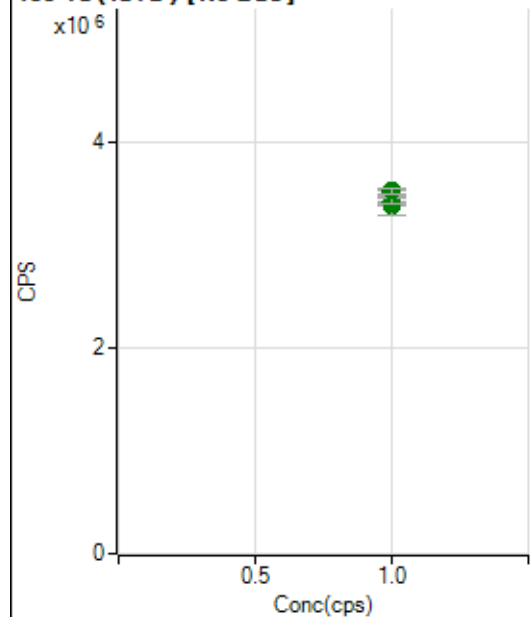
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1607458.48		A	1.6
2	☐	1.000		1627605.13		A	2.1
3	☐	1.000		1616377.88		A	0.8
4	☐	1.000		1527893.73		M	1.0
5	☐	1.000		1558249.56		A	0.4
6	☐	1.000		1512192.27		A	1.8
7	☐	1.000		1490342.88		P	1.5
8	☐	1.000		1412599.20		P	7.0

115 In (ISTD) [No Gas]

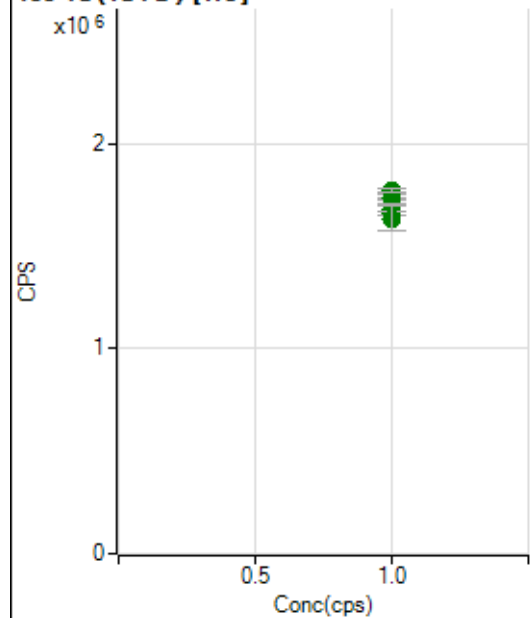
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3052587.88		A	6.4
2	☐	1.000		3187988.25		A	1.6
3	☐	1.000		3137304.79		A	2.4
4	☐	1.000		3098909.31		A	1.5
5	☐	1.000		3091266.11		A	0.9
6	☐	1.000		3085827.17		A	0.3
7	☐	1.000		3067120.57		A	0.5
8	☐	1.000		3181033.12		A	2.1

115 In (ISTD) [He]

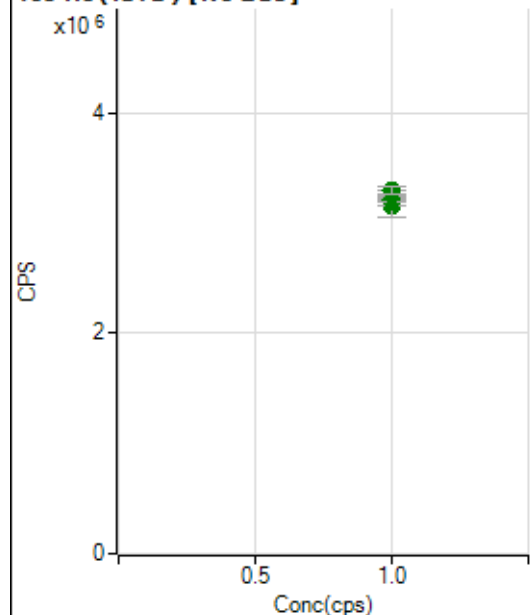
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		532244.54		P	1.0
2	☐	1.000		539593.24		P	0.4
3	☐	1.000		541168.80		P	0.1
4	☐	1.000		511307.80		P	0.4
5	☐	1.000		515864.90		P	1.1
6	☐	1.000		505935.85		P	1.3
7	☐	1.000		491821.76		P	0.9
8	☐	1.000		496886.88		P	7.4

159 Tb (ISTD) [No Gas]

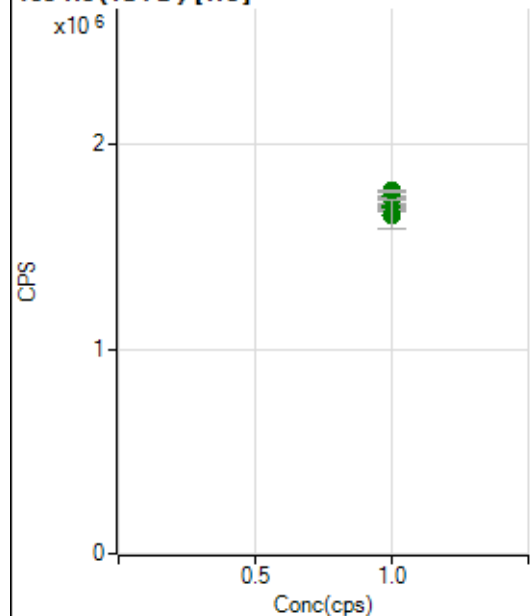
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3384048.01		A	6.2
2	☐	1.000		3499657.62		A	1.1
3	☐	1.000		3466494.29		A	3.1
4	☐	1.000		3393557.80		A	0.7
5	☐	1.000		3387226.03		A	1.1
6	☐	1.000		3467865.71		A	0.6
7	☐	1.000		3421754.85		A	1.5
8	☐	1.000		3520447.38		A	1.5

159 Tb (ISTD) [He]

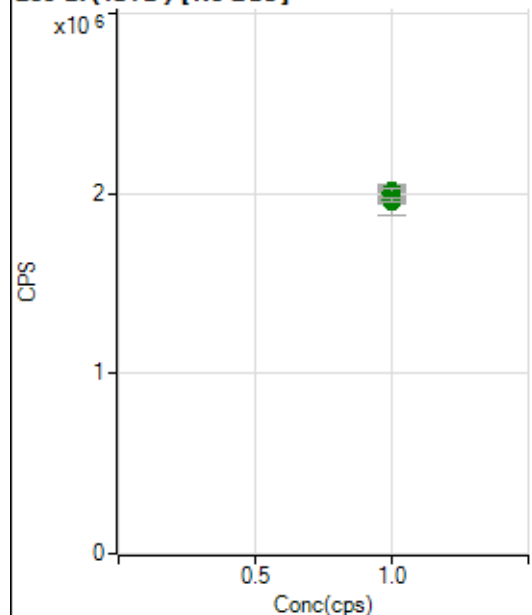
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1730383.17		A	0.3
2	☐	1.000		1736621.34		A	1.4
3	☐	1.000		1767622.14		A	1.2
4	☐	1.000		1681113.81		A	1.4
5	☐	1.000		1703951.85		A	0.5
6	☐	1.000		1676797.61		A	3.2
7	☐	1.000		1657792.46		A	1.0
8	☐	1.000		1631623.08		A	7.6

165 Ho (ISTD) [No Gas]

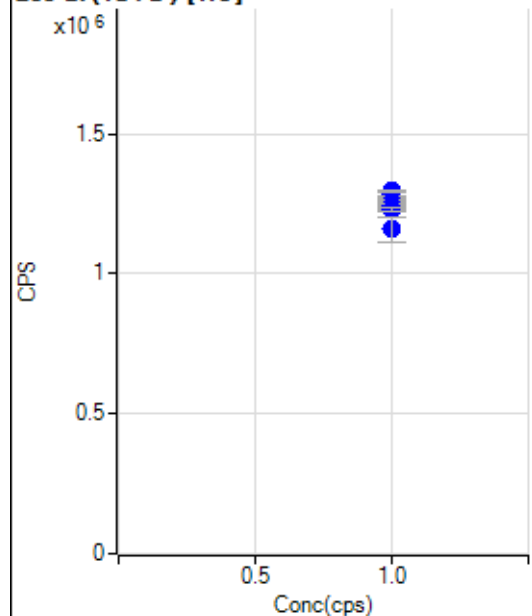
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3154325.83		A	5.8
2	☐	1.000		3224782.84		A	1.2
3	☐	1.000		3252768.58		A	2.9
4	☐	1.000		3193588.77		A	1.8
5	☐	1.000		3191341.74		A	1.7
6	☐	1.000		3217693.26		A	0.9
7	☐	1.000		3268912.38		A	1.4
8	☐	1.000		3293395.38		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1734537.91		A	2.0
2	☐	1.000		1754383.59		A	1.3
3	☐	1.000		1775685.49		A	0.2
4	☐	1.000		1695614.26		A	1.1
5	☐	1.000		1703129.02		A	1.5
6	☐	1.000		1691309.14		A	2.2
7	☐	1.000		1681788.29		A	0.6
8	☐	1.000		1660655.01		A	8.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1962038.83		A	8.3
2	☐	1.000		2003132.33		A	2.1
3	☐	1.000		2014244.20		A	4.0
4	☐	1.000		1956819.88		A	1.0
5	☐	1.000		1997397.09		A	0.8
6	☐	1.000		2008859.85		A	0.4
7	☐	1.000		2007166.00		A	1.7
8	☐	1.000		1967244.90		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1274179.48		P	0.5
2	☐	1.000		1283324.22		P	1.1
3	☐	1.000		1295465.78		P	0.4
4	☐	1.000		1245757.86		P	0.9
5	☐	1.000		1258363.94		P	0.5
6	☐	1.000		1241762.07		P	1.8
7	☐	1.000		1230145.90		P	1.2
8	☐	1.000		1158282.03		P	7.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8042920 MS.b
Acq. Date-Time 2020-04-29 11:03:38
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		3484	34843.40			1.140	5.000
24		42729	427291.59			1.084	5.000
25		5861	58612.03			0.692	5.000
26		6955	69551.95			1.302	5.000
59		23736	237363.23			0.929	5.000
113		3556	35564.60			1.340	5.000
115		11151	111511.82			1.070	5.000
206		3739	37392.49			1.434	5.000
207		3122	31224.10			1.568	5.000
208		7678	76781.82			1.709	5.000
220		1	5.60			31.819	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

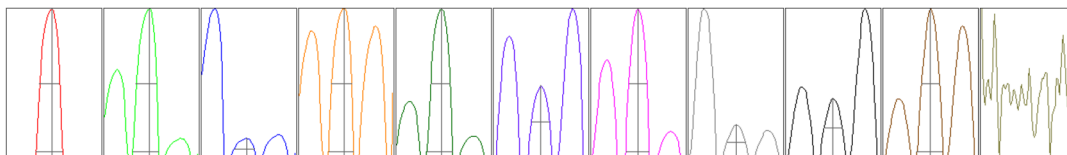
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3466	3482	3432	3538	3503
24	42916	42858	41908	42937	43027
25	5881	5848	5808	5917	5853
26	6942	7003	6805	7038	6988
59	23683	23811	23413	23754	24021
113	3528	3578	3506	3542	3628
115	11166	11233	10942	11214	11201
206	3703	3707	3691	3795	3801
207	3090	3116	3070	3140	3196
208	7608	7707	7510	7704	7863

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	0	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5846.91	8.95	8.90 - 9.10	
24	72125.91	23.95	23.90 - 24.10	
25	9713.16	24.95	24.90 - 25.10	
26	11382.77	25.95	25.90 - 26.10	
59	40543.58	58.95	58.90 - 59.10	
113	6624.47	113.00	112.90 - 113.10	
115	20601.57	115.00	114.90 - 115.10	
206	6816.35	206.05	205.90 - 206.10	
207	5731.38	207.00	206.90 - 207.10	
208	14205.53	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.830	0.900	
24	0.65	0.822	0.900	
25	0.64	0.804	0.900	
26	0.65	0.791	0.900	
59	0.62	0.815	0.900	
113	0.57	0.740	0.900	
115	0.57	0.738	0.900	
206	0.58	0.802	0.900	
207	0.57	0.807	0.900	
208	0.57	0.818	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.6 V	Deflect	13.4 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.0 mm
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EM

Discriminator	4.0 mV	Analog HV	2169 V	Pulse HV	1203 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5636	56358.80			2.267	
89		11149	111494.55			2.582	
205		11444	114436.95			2.306	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5678	5408	5694	5703	5696
89	11233	10651	11231	11398	11235
205	11561	11019	11646	11633	11359

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.6 V	Deflect	4.0 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9995	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.3 mm	Torch V	0.0 mm		
EM					
Discriminator	4.0 mV	Analog HV	2169 V	Pulse HV	1203 V

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:49:25	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.00	-1.38	2.38	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.04	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.02	0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.17	0.00	0.16	0.00	N/A	ppb
Boron	10-1	-0.44	0.18	0.27	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.28	0.95	-0.67	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.17	-0.12	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.07	-0.06	0.00	N/A	ppb
Calcium	43-1	-9.64	7.39	2.25	0.00	N/A	ppb
Calcium	44-1	-9.90	-10.09	19.99	0.00	N/A	ppb
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.07	0.16	-0.09	0.00	N/A	ppb
Iron	56-2	0.05	-0.20	0.16	0.00	N/A	ppb
Iron	57-2	-0.79	2.19	-1.41	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.06	0.01	0.05	0.00	N/A	ppb
Lead	208-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Lead	206-1	-0.02	-0.03	0.04	0.00	N/A	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:49:25	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.34	0.39	-0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.06	-0.06	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	0.83	-20.37	-40.49	-20.01		ppb
Potassium	39-2	20.93	-4.35	-16.58	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	1.36	-0.68	-0.68	0.00	N/A	ppb
Selenium	78-2	1.50	-1.16	-0.34	0.00	N/A	ppb
Selenium	82-1	-0.11	-0.42	0.53	0.00	N/A	ppb
Silicon	28-1	-17.69	-19.86	37.55	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-3.68	3.49	0.19	0.00	N/A	ppb
Strontium	86-1	-0.09	-0.02	0.11	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1195.16	-594.08	4797.90	1002.89	329.08	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.19	0.17	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:49:25	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.01	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.03	0.01	0.02	0.00	N/A	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:55:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.96	20.19	18.25	19.14	5.13	ppb
Antimony	121-1	2.04	1.90	1.93	1.95	3.74	ppb
Arsenic	75-2	1.24	1.08	1.02	1.12	10.05	ppb
Barium	135-1	10.40	10.49	9.83	10.24	3.47	ppb
Barium	137-1	10.28	9.60	10.00	9.96	3.43	ppb
Beryllium	9-1	0.99	1.01	1.13	1.04	6.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	23.08	26.02	28.91	26.00	11.22	ppb
Boron	10-1	22.73	27.33	29.64	26.57	13.25	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.22	2.09	1.01	0.96	120.35	ppb
Cadmium	108-1	0.89	0.95	0.76	0.87	11.53	ppb
Cadmium	111-1	0.88	1.14	1.08	1.03	13.24	ppb
Calcium	43-1	501.31	435.62	508.45	481.79	8.33	ppb
Calcium	44-1	474.04	489.58	485.95	483.19	1.68	ppb
Chromium	52-2	1.94	1.81	1.85	1.87	3.47	ppb
Cobalt	59-2	0.91	0.96	0.92	0.93	2.87	ppb
Copper	63-2	2.03	2.03	2.08	2.04	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	48.09	47.03	53.29	49.47	6.77	ppb
Iron	56-2	50.44	49.74	51.16	50.45	1.41	ppb
Iron	57-2	45.29	49.95	47.81	47.68	4.90	ppb
Krypton	83-1						cps
Lead	207-1	0.91	0.87	0.97	0.92	5.53	ppb
Lead	208-1	0.94	0.98	0.99	0.97	2.53	ppb
Lead	206-1	1.00	1.06	0.99	1.02	3.40	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:55:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	487.64	496.93	501.35	495.31	1.41	ppb
Manganese	55-2	1.15	1.15	0.90	1.07	13.61	ppb
Molybdenum	94-1	5.06	4.79	4.85	4.90	2.96	ppb
Molybdenum	95-1	5.25	5.31	5.35	5.30	0.92	ppb
Molybdenum	96-1	5.10	5.06	5.10	5.09	0.46	ppb
Molybdenum	97-1	5.33	5.45	5.33	5.37	1.26	ppb
Molybdenum	98-1	5.23	5.32	5.30	5.28	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.04	1.00	1.10	13.04	ppb
Phosphorus	31-2	37.55	20.12	2.36	20.01	87.94	ppb
Potassium	39-2	474.58	478.12	511.97	488.22	4.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	5.35	5.45	5.41	5.40	0.90	ppb
Selenium	78-2	5.57	2.99	4.04	4.20	30.85	ppb
Selenium	82-1	5.98	4.80	4.54	5.11	14.99	ppb
Silicon	28-1	-11.52	-2.66	-2.56	-5.58		ppb
Silver	109-1	0.98	0.93	0.97	0.96	3.04	ppb
Silver	107-1	1.01	0.89	1.03	0.98	7.54	ppb
Sodium	23-2	485.69	493.09	499.56	492.78	1.41	ppb
Strontium	86-1	1.14	0.92	0.78	0.95	19.52	ppb
Strontium	88-1	1.05	0.97	0.94	0.99	5.60	ppb
Sulfur	34-1	-1606.41	-1152.92	-249.33	-1002.89		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.87	0.89	0.90	3.59	ppb
Thallium	205-1	1.03	0.96	1.04	1.01	4.34	ppb
Tin	118-1	4.97	5.00	4.92	4.96	0.73	ppb
Titanium	47-1	5.35	4.34	4.71	4.80	10.61	ppb
Uranium	238-1	0.88	1.03	0.96	0.96	7.42	ppb
Vanadium	51-2	5.17	5.02	5.26	5.15	2.37	ppb
Yttrium	89-1				103		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:55:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	1.99	2.13	2.40	2.17	9.77	ppb
Zirconium	90-1	0.91	0.88	0.94	0.91	3.25	ppb
Zirconium	91-1	0.92	1.07	0.83	0.94	12.70	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:58:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.42	982.96	972.25	983.21	1.13	ppb
Antimony	121-1	52.86	55.92	53.19	53.99	3.11	ppb
Arsenic	75-2	52.94	51.83	51.37	52.04	1.55	ppb
Barium	135-1	265.50	283.01	266.08	271.53	3.66	ppb
Barium	137-1	266.57	280.44	265.71	270.91	3.05	ppb
Beryllium	9-1	52.01	55.41	52.06	53.16	3.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	46.58	54.17	55.37	52.04	9.16	ppb
Boron	10-1	45.71	55.48	57.85	53.01	12.14	ppb
Bromine	81-1						cps
Cadmium	106-1	55.50	57.30	51.70	54.83	5.21	ppb
Cadmium	108-1	51.70	53.45	53.74	52.96	2.09	ppb
Cadmium	111-1	51.60	53.16	50.42	51.73	2.66	ppb
Calcium	43-1	5209.20	5703.97	5297.48	5403.55	4.88	ppb
Calcium	44-1	5267.27	5638.43	5398.36	5434.69	3.46	ppb
Chromium	52-2	52.80	52.87	49.67	51.78	3.53	ppb
Cobalt	59-2	53.05	53.03	52.36	52.81	0.74	ppb
Copper	63-2	529.32	527.75	517.78	524.95	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	2599.32	2623.06	2542.42	2588.26	1.60	ppb
Iron	56-2	2593.99	2564.46	2585.37	2581.27	0.59	ppb
Iron	57-2	2564.58	2573.47	2528.22	2555.42	0.94	ppb
Krypton	83-1						cps
Lead	207-1	252.38	275.53	255.65	261.19	4.80	ppb
Lead	208-1	255.19	273.01	256.33	261.51	3.81	ppb
Lead	206-1	252.06	273.11	255.72	260.30	4.32	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:58:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	5399.28	5301.23	5342.26	5347.59	0.92	ppb
Manganese	55-2	522.70	521.68	514.63	519.67	0.85	ppb
Molybdenum	94-1	268.07	279.80	262.49	270.12	3.27	ppb
Molybdenum	95-1	268.15	282.64	263.26	271.35	3.72	ppb
Molybdenum	96-1	267.53	279.25	264.31	270.36	2.91	ppb
Molybdenum	97-1	266.19	273.34	265.24	268.25	1.65	ppb
Molybdenum	98-1	265.09	279.61	264.28	269.66	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.88	53.13	52.16	52.72	0.95	ppb
Phosphorus	31-2	909.42	984.04	1026.02	973.16	6.07	ppb
Potassium	39-2	2593.64	2627.06	2569.62	2596.77	1.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	50.19	49.42	51.72	50.44	2.32	ppb
Selenium	78-2	45.98	60.03	58.21	54.74	13.96	ppb
Selenium	82-1	56.01	57.03	50.76	54.60	6.16	ppb
Silicon	28-1	44.95	71.14	52.31	56.13	24.06	ppb
Silver	109-1	49.53	52.68	49.76	50.66	3.47	ppb
Silver	107-1	50.18	51.63	49.18	50.33	2.45	ppb
Sodium	23-2	5279.11	5298.49	5242.46	5273.35	0.54	ppb
Strontium	86-1	51.61	53.47	53.62	52.90	2.12	ppb
Strontium	88-1	53.45	56.27	52.81	54.18	3.40	ppb
Sulfur	34-1	-1261.15	1724.79	-1280.45	-272.27		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	51.24	56.11	51.52	52.96	5.16	ppb
Thallium	205-1	52.35	55.76	52.78	53.63	3.46	ppb
Tin	118-1	53.04	55.60	51.93	53.52	3.52	ppb
Titanium	47-1	262.09	280.50	266.74	269.78	3.55	ppb
Uranium	238-1	50.96	54.43	50.45	51.94	4.17	ppb
Vanadium	51-2	51.61	52.09	51.29	51.66	0.77	ppb
Yttrium	89-1				103		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:58:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	513.14	518.76	500.31	510.74	1.85	ppb
Zirconium	90-1	54.19	54.90	52.47	53.85	2.32	ppb
Zirconium	91-1	51.57	54.82	52.05	52.81	3.32	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:01:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2434.52	2445.88	2365.86	2415.42	1.79	ppb
Antimony	121-1	130.44	131.34	130.32	130.70	0.42	ppb
Arsenic	75-2	130.52	128.47	128.31	129.10	0.96	ppb
Barium	135-1	644.38	671.35	658.60	658.11	2.05	ppb
Barium	137-1	645.91	659.80	651.14	652.29	1.08	ppb
Beryllium	9-1	125.79	128.50	129.65	127.98	1.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	11-1	112.21	125.43	139.83	125.82	10.98	ppb
Boron	10-1	109.88	126.40	141.34	125.87	12.50	ppb
Bromine	81-1						cps
Cadmium	106-1	125.20	133.37	124.78	127.78	3.79	ppb
Cadmium	108-1	126.94	127.83	122.44	125.74	2.30	ppb
Cadmium	111-1	122.64	127.58	126.44	125.56	2.06	ppb
Calcium	43-1	12955.55	13227.89	13129.88	13104.44	1.05	ppb
Calcium	44-1	12795.91	13142.24	13245.53	13061.22	1.80	ppb
Chromium	52-2	128.10	128.14	125.68	127.31	1.11	ppb
Cobalt	59-2	126.71	128.93	126.79	127.48	0.99	ppb
Copper	63-2	1281.23	1270.07	1256.28	1269.19	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	6317.26	6382.29	6216.08	6305.21	1.33	ppb
Iron	56-2	6255.13	6235.48	6106.40	6199.00	1.30	ppb
Iron	57-2	6250.38	6304.49	6244.84	6266.57	0.53	ppb
Krypton	83-1						cps
Lead	207-1	629.03	646.03	639.76	638.27	1.35	ppb
Lead	208-1	626.88	654.25	644.45	641.86	2.16	ppb
Lead	206-1	619.26	645.60	636.51	633.79	2.11	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:01:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	13132.99	13194.62	12748.16	13025.26	1.86	ppb
Manganese	55-2	1277.66	1281.34	1258.04	1272.35	0.98	ppb
Molybdenum	94-1	639.41	648.62	655.51	647.85	1.25	ppb
Molybdenum	95-1	642.38	645.81	656.12	648.10	1.10	ppb
Molybdenum	96-1	637.63	653.02	650.42	647.02	1.27	ppb
Molybdenum	97-1	647.19	661.78	656.55	655.17	1.13	ppb
Molybdenum	98-1	639.96	662.08	660.45	654.17	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.97	129.19	127.19	128.45	0.85	ppb
Phosphorus	31-2	2343.60	2737.93	2542.36	2541.30	7.76	ppb
Potassium	39-2	6303.37	6348.04	6300.39	6317.27	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	150.74	117.42	136.47	134.88	12.40	ppb
Selenium	78-2	131.16	126.09	122.92	126.72	3.28	ppb
Selenium	82-1	129.45	134.77	129.78	131.33	2.27	ppb
Silicon	28-1	167.91	180.55	176.10	174.85	3.67	ppb
Silver	109-1	121.05	123.95	122.93	122.64	1.20	ppb
Silver	107-1	119.90	121.84	122.08	121.27	0.99	ppb
Sodium	23-2	12501.47	13037.34	12878.73	12805.85	2.15	ppb
Strontium	86-1	128.10	127.32	129.87	128.43	1.02	ppb
Strontium	88-1	129.80	131.15	132.55	131.17	1.05	ppb
Sulfur	34-1	2543.55	2739.59	2318.76	2533.97	8.31	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	126.97	131.30	130.12	129.46	1.73	ppb
Thallium	205-1	126.54	133.85	130.44	130.28	2.81	ppb
Tin	118-1	127.33	129.70	128.06	128.36	0.94	ppb
Titanium	47-1	633.79	650.76	642.16	642.24	1.32	ppb
Uranium	238-1	126.49	130.48	128.64	128.54	1.55	ppb
Vanadium	51-2	126.78	127.18	123.27	125.74	1.71	ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:01:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	1261.67	1237.44	1222.79	1240.63	1.58	ppb
Zirconium	90-1	129.07	130.69	129.34	129.70	0.67	ppb
Zirconium	91-1	128.67	128.18	128.96	128.60	0.31	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:05:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5031.08	5022.83	5028.40	5027.44	0.08	ppb
Antimony	121-1	267.19	268.92	267.52	267.87	0.34	ppb
Arsenic	75-2	270.54	267.51	265.42	267.82	0.96	ppb
Barium	135-1	1336.92	1341.67	1365.51	1348.03	1.14	ppb
Barium	137-1	1336.44	1347.16	1371.10	1351.57	1.31	ppb
Beryllium	9-1	262.73	261.95	260.88	261.85	0.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	233.35	258.22	272.24	254.60	7.74	ppb
Boron	10-1	232.90	262.10	270.12	255.04	7.68	ppb
Bromine	81-1						cps
Cadmium	106-1	260.05	266.85	266.56	264.48	1.45	ppb
Cadmium	108-1	255.27	248.42	256.49	253.39	1.72	ppb
Cadmium	111-1	255.68	257.87	260.91	258.16	1.02	ppb
Calcium	43-1	27312.27	26815.54	26534.49	26887.43	1.46	ppb
Calcium	44-1	26891.25	26708.24	26452.85	26684.11	0.83	ppb
Chromium	52-2	262.80	261.51	266.77	263.69	1.04	ppb
Cobalt	59-2	266.50	263.86	268.08	266.15	0.80	ppb
Copper	63-2	2619.01	2638.13	2714.04	2657.06	1.89	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				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	13121.37	13151.47	13227.28	13166.71	0.41	ppb
Iron	56-2	12898.42	12762.68	13034.77	12898.62	1.05	ppb
Iron	57-2	12910.47	12933.15	13069.58	12971.07	0.66	ppb
Krypton	83-1						cps
Lead	207-1	1308.47	1307.48	1316.31	1310.75	0.37	ppb
Lead	208-1	1317.67	1297.71	1308.67	1308.02	0.76	ppb
Lead	206-1	1315.31	1303.46	1307.68	1308.82	0.46	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:05:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	27065.83	26520.78	26862.40	26816.34	1.03	ppb
Manganese	55-2	2638.85	2637.64	2672.87	2649.79	0.75	ppb
Molybdenum	94-1	1341.13	1327.33	1343.43	1337.30	0.65	ppb
Molybdenum	95-1	1345.68	1301.51	1334.83	1327.34	1.73	ppb
Molybdenum	96-1	1342.97	1350.07	1359.03	1350.69	0.60	ppb
Molybdenum	97-1	1348.69	1339.08	1349.44	1345.74	0.43	ppb
Molybdenum	98-1	1355.02	1333.22	1323.95	1337.40	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.13	269.51	273.08	270.24	0.94	ppb
Phosphorus	31-2	5120.15	5138.55	5468.16	5242.29	3.74	ppb
Potassium	39-2	13263.59	13113.93	13225.40	13200.97	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	266.06	292.66	260.23	272.98	6.33	ppb
Selenium	78-2	273.26	273.22	262.85	269.78	2.22	ppb
Selenium	82-1	269.94	261.16	269.61	266.90	1.86	ppb
Silicon	28-1	264.97	278.27	251.58	264.94	5.04	ppb
Silver	109-1	248.81	248.06	251.69	249.52	0.77	ppb
Silver	107-1	249.42	252.96	254.60	252.33	1.05	ppb
Sodium	23-2	26659.91	26321.42	26433.29	26471.54	0.65	ppb
Strontium	86-1	268.20	258.49	262.89	263.19	1.85	ppb
Strontium	88-1	272.72	266.64	264.43	267.93	1.60	ppb
Sulfur	34-1	5951.28	6272.90	4198.53	5474.24	20.39	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	261.50	260.66	264.13	262.09	0.69	ppb
Thallium	205-1	267.17	266.12	265.57	266.28	0.31	ppb
Tin	118-1	263.73	268.98	267.74	266.82	1.03	ppb
Titanium	47-1	1356.69	1341.95	1336.99	1345.21	0.76	ppb
Uranium	238-1	258.97	256.92	261.58	259.16	0.90	ppb
Vanadium	51-2	264.80	263.40	267.80	265.33	0.85	ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:05:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	2571.20	2535.52	2583.19	2563.30	0.97	ppb
Zirconium	90-1	267.84	264.59	267.34	266.59	0.66	ppb
Zirconium	91-1	263.31	260.22	262.92	262.15	0.64	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:08:00	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9643.55	9659.88	9536.38	9613.27	0.70	ppb
Antimony	121-1	507.55	506.24	508.15	507.31	0.19	ppb
Arsenic	75-2	517.06	508.98	511.45	512.49	0.81	ppb
Barium	135-1	2525.03	2549.64	2515.35	2530.01	0.70	ppb
Barium	137-1	2547.16	2535.39	2508.67	2530.41	0.78	ppb
Beryllium	9-1	520.04	505.63	501.55	509.08	1.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	456.77	501.43	544.96	501.06	8.80	ppb
Boron	10-1	460.16	499.63	549.88	503.23	8.94	ppb
Bromine	81-1						cps
Cadmium	106-1	492.61	504.15	499.48	498.75	1.16	ppb
Cadmium	108-1	501.32	487.74	484.59	491.22	1.81	ppb
Cadmium	111-1	493.17	485.90	488.39	489.15	0.76	ppb
Calcium	43-1	51797.10	52138.06	51101.63	51678.93	1.02	ppb
Calcium	44-1	50097.61	51399.76	49181.01	50226.13	2.22	ppb
Chromium	52-2	509.39	513.98	510.68	511.35	0.46	ppb
Cobalt	59-2	509.31	511.11	506.57	509.00	0.45	ppb
Copper	63-2	5059.54	5040.68	5037.78	5046.00	0.23	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				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	25299.30	25313.86	25424.45	25345.87	0.27	ppb
Iron	56-2	25025.83	24630.56	24752.27	24802.89	0.82	ppb
Iron	57-2	25320.11	24987.73	25083.96	25130.60	0.68	ppb
Krypton	83-1						cps
Lead	207-1	2591.64	2555.52	2524.34	2557.16	1.32	ppb
Lead	208-1	2548.19	2553.68	2514.50	2538.79	0.84	ppb
Lead	206-1	2572.85	2561.89	2511.73	2548.82	1.28	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:08:00	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	52464.30	51620.33	50589.08	51557.91	1.82	ppb
Manganese	55-2	5197.67	5125.92	5109.17	5144.25	0.91	ppb
Molybdenum	94-1	2518.20	2561.46	2590.87	2556.84	1.43	ppb
Molybdenum	95-1	2534.31	2584.29	2580.07	2566.23	1.08	ppb
Molybdenum	96-1	2542.74	2573.11	2617.93	2577.93	1.47	ppb
Molybdenum	97-1	2533.82	2566.20	2609.62	2569.88	1.48	ppb
Molybdenum	98-1	2514.16	2554.17	2573.51	2547.28	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.92	515.00	511.58	512.50	0.43	ppb
Phosphorus	31-2	9703.15	10476.70	10383.23	10187.69	4.14	ppb
Potassium	39-2	25366.92	25529.05	25382.94	25426.30	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	489.57	491.50	520.25	500.44	3.43	ppb
Selenium	78-2	514.02	523.74	505.93	514.56	1.73	ppb
Selenium	82-1	507.51	518.75	518.42	514.89	1.24	ppb
Silicon	28-1	505.91	507.74	493.51	502.39	1.54	ppb
Silver	109-1	481.57	472.00	466.55	473.37	1.61	ppb
Silver	107-1	475.79	480.63	465.48	473.97	1.63	ppb
Sodium	23-2	51374.18	51007.71	49797.68	50726.52	1.63	ppb
Strontium	86-1	506.30	515.01	513.29	511.53	0.90	ppb
Strontium	88-1	519.38	512.94	517.04	516.45	0.63	ppb
Sulfur	34-1	10484.77	10204.76	8653.16	9780.90	10.09	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	513.40	513.91	507.52	511.61	0.69	ppb
Thallium	205-1	511.34	518.17	506.43	511.98	1.15	ppb
Tin	118-1	510.83	508.12	498.60	505.85	1.27	ppb
Titanium	47-1	2564.16	2563.61	2527.06	2551.61	0.83	ppb
Uranium	238-1	510.15	506.33	513.24	509.91	0.68	ppb
Vanadium	51-2	512.85	507.19	506.97	509.00	0.65	ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:08:00	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	4938.81	4938.46	4883.09	4920.12	0.65	ppb
Zirconium	90-1	510.64	512.01	514.38	512.34	0.37	ppb
Zirconium	91-1	502.59	514.09	512.14	509.61	1.21	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:11:00	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18764.49	18898.11	18306.28	18656.29	1.66	ppb
Antimony	121-1	994.54	970.21	1008.14	990.96	1.94	ppb
Arsenic	75-2	994.15	994.07	977.83	988.68	0.95	ppb
Barium	135-1	4967.06	4907.74	4991.01	4955.27	0.87	ppb
Barium	137-1	4955.71	4938.16	4970.98	4954.95	0.33	ppb
Beryllium	9-1	1010.27	986.51	979.13	991.97	1.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	914.59	1001.29	1078.39	998.09	8.21	ppb
Boron	10-1	913.79	1000.16	1076.54	996.83	8.17	ppb
Bromine	81-1						cps
Cadmium	106-1	1005.62	976.13	1007.50	996.42	1.77	ppb
Cadmium	108-1	998.10	996.75	1015.05	1003.30	1.02	ppb
Cadmium	111-1	1005.74	995.09	1008.86	1003.23	0.72	ppb
Calcium	43-1	101626.93	101465.10	102159.74	101750.59	0.36	ppb
Calcium	44-1	99845.09	98648.88	99370.81	99288.26	0.61	ppb
Chromium	52-2	1002.61	997.72	971.25	990.53	1.70	ppb
Cobalt	59-2	996.41	1001.89	974.75	991.01	1.45	ppb
Copper	63-2	10058.07	9979.30	9764.90	9934.09	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	54-2	50416.34	50524.31	49097.64	50012.76	1.59	ppb
Iron	56-2	48773.64	48738.30	46791.99	48101.31	2.36	ppb
Iron	57-2	48798.28	48977.60	47826.93	48534.27	1.28	ppb
Krypton	83-1						cps
Lead	207-1	4942.35	4995.40	4924.28	4954.01	0.75	ppb
Lead	208-1	4964.41	4977.22	4948.63	4963.42	0.29	ppb
Lead	206-1	4952.54	4954.87	4970.39	4959.27	0.20	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:11:00	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	100410.07	101246.18	96540.73	99398.99	2.53	ppb
Manganese	55-2	10032.71	10003.30	9623.94	9886.65	2.31	ppb
Molybdenum	94-1	4906.69	5042.48	4888.51	4945.89	1.70	ppb
Molybdenum	95-1	4911.71	4960.95	4958.12	4943.60	0.56	ppb
Molybdenum	96-1	4934.76	4880.54	4980.97	4932.09	1.02	ppb
Molybdenum	97-1	4882.02	5018.03	4909.27	4936.44	1.46	ppb
Molybdenum	98-1	4919.19	4973.55	4956.91	4949.88	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.24	994.06	971.06	988.12	1.52	ppb
Phosphorus	31-2	19749.52	20262.44	19513.33	19841.76	1.93	ppb
Potassium	39-2	48609.99	48668.82	48062.00	48446.94	0.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	1032.91	1016.38	929.03	992.77	5.62	ppb
Selenium	78-2	985.00	997.37	979.60	987.33	0.92	ppb
Selenium	82-1	971.45	995.22	995.25	987.31	1.39	ppb
Silicon	28-1	999.40	990.08	976.58	988.69	1.16	ppb
Silver	109-1	1011.81	1005.29	1023.99	1013.70	0.94	ppb
Silver	107-1	1025.08	997.57	1016.00	1012.88	1.38	ppb
Sodium	23-2	98543.44	99597.20	96905.69	98348.78	1.38	ppb
Strontium	86-1	970.78	1003.87	996.44	990.36	1.75	ppb
Strontium	88-1	964.56	1001.42	992.95	986.31	1.96	ppb
Sulfur	34-1	21361.77	19717.51	19071.80	20050.36	5.89	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	993.52	986.30	991.58	990.47	0.38	ppb
Thallium	205-1	988.40	989.37	989.53	989.10	0.06	ppb
Tin	118-1	994.17	978.96	1003.69	992.27	1.26	ppb
Titanium	47-1	5011.43	4886.35	4943.98	4947.25	1.27	ppb
Uranium	238-1	988.20	1009.00	979.46	992.22	1.53	ppb
Vanadium	51-2	991.50	1008.06	974.90	991.49	1.67	ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:11:00	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	10110.90	10106.78	9856.56	10024.75	1.45	ppb
Zirconium	90-1	982.44	983.48	1000.79	988.90	1.04	ppb
Zirconium	91-1	985.40	994.44	994.87	991.57	0.54	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:13:58	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95228.56	110483.38	95213.04	100308.33	8.78	ppb
Antimony	121-1	0.67	0.77	0.77	0.74	7.89	ppb
Arsenic	75-2	0.41	0.42	0.38	0.40	5.66	ppb
Barium	135-1	10.00	9.58	9.69	9.76	2.22	ppb
Barium	137-1	9.80	9.67	9.29	9.59	2.76	ppb
Beryllium	9-1	0.21	0.16	0.17	0.18	15.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	11-1	233.70	206.04	184.42	208.05	11.87	ppb
Boron	10-1	230.52	212.82	186.61	209.98	10.52	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.98	2.76	1.49	1.09	174.61	ppb
Cadmium	108-1	0.61	0.45	0.45	0.50	18.44	ppb
Cadmium	111-1	0.09	0.34	0.24	0.22	58.50	ppb
Calcium	43-1	498665.65	499007.61	500432.21	499368.49	0.19	ppb
Calcium	44-1	497834.65	498767.15	503449.70	500017.17	0.60	ppb
Chromium	52-2	25.69	30.47	25.41	27.19	10.46	ppb
Cobalt	59-2	1.80	2.07	1.87	1.92	7.32	ppb
Copper	63-2	5.18	5.64	5.06	5.29	5.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	54-2	241748.95	273315.02	234717.81	249927.26	8.23	ppb
Iron	56-2	239169.43	276462.44	235508.06	250379.98	9.05	ppb
Iron	57-2	239867.67	275520.01	235379.01	250255.56	8.79	ppb
Krypton	83-1						cps
Lead	207-1	5.08	5.39	5.72	5.40	5.90	ppb
Lead	208-1	5.17	5.34	5.39	5.30	2.24	ppb
Lead	206-1	5.11	5.48	5.41	5.34	3.66	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:13:58	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	484241.28	544374.77	470954.93	499856.99	7.83	ppb
Manganese	55-2	9.30	10.76	9.02	9.69	9.68	ppb
Molybdenum	94-1	3.45	3.49	3.44	3.46	0.86	ppb
Molybdenum	95-1	4.32	4.32	4.36	4.33	0.56	ppb
Molybdenum	96-1	4.73	4.12	4.17	4.34	7.80	ppb
Molybdenum	97-1	4.44	4.68	4.12	4.41	6.39	ppb
Molybdenum	98-1	4.46	4.21	4.37	4.35	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.64	20.13	16.40	17.72	11.77	ppb
Phosphorus	31-2	15.81	-11.76	-11.97	-2.64		ppb
Potassium	39-2	237468.39	275850.28	237372.24	250230.31	8.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				88		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	1.44	1.73	3.60	2.26	51.92	ppb
Selenium	78-2	-1.63	1.21	-0.24	-0.22		ppb
Selenium	82-1	2.99	-0.70	0.08	0.79	246.51	ppb
Silicon	28-1	115.00	130.38	129.91	125.10	6.99	ppb
Silver	109-1	0.31	0.22	0.28	0.27	17.05	ppb
Silver	107-1	0.27	0.24	0.31	0.27	11.71	ppb
Sodium	23-2	481233.21	546548.69	472739.03	500173.64	8.07	ppb
Strontium	86-1	1.83	2.17	2.14	2.05	9.17	ppb
Strontium	88-1	2.13	2.10	2.30	2.18	4.99	ppb
Sulfur	34-1	-2076.76	-1746.84	-2349.11	-2057.57		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	0.51	0.44	0.34	0.43	19.51	ppb
Thallium	205-1	0.54	0.46	0.47	0.49	8.56	ppb
Tin	118-1	0.82	0.76	0.74	0.77	5.48	ppb
Titanium	47-1	0.73	0.58	1.06	0.79	31.20	ppb
Uranium	238-1	0.11	0.11	0.12	0.12	5.97	ppb
Vanadium	51-2	0.29	0.47	0.27	0.34	33.32	ppb
Yttrium	89-1				101		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:13:58	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	45.88	52.99	45.30	48.05	8.91	ppb
Zirconium	90-1	0.19	0.26	0.22	0.22	14.97	ppb
Zirconium	91-1	0.26	0.18	0.17	0.20	22.14	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:31:45	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	463.67	457.18	439.87	453.57	2.71	ppb
Antimony	121-1	191.11	194.59	191.06	192.25	1.05	ppb
Arsenic	75-2	194.93	196.33	192.30	194.52	1.05	ppb
Barium	135-1	99.34	100.86	97.91	99.37	1.48	ppb
Barium	137-1	98.76	101.72	97.48	99.32	2.19	ppb
Beryllium	9-1	97.06	101.53	99.33	99.30	2.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	634.97	698.70	694.55	676.08	5.27	ppb
Boron	10-1	633.14	693.66	688.32	671.71	4.99	ppb
Bromine	81-1						cps
Cadmium	106-1	148.68	143.47	137.94	143.36	3.75	ppb
Cadmium	108-1	123.85	131.88	124.32	126.68	3.56	ppb
Cadmium	111-1	95.91	96.86	94.91	95.89	1.01	ppb
Calcium	43-1	2119.19	2097.70	2031.73	2082.88	2.19	ppb
Calcium	44-1	1960.31	1973.70	1965.71	1966.57	0.34	ppb
Chromium	52-2	95.78	95.02	92.60	94.47	1.76	ppb
Cobalt	59-2	97.52	97.86	96.02	97.14	1.01	ppb
Copper	63-2	97.57	98.28	96.02	97.29	1.19	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				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	1911.23	1928.21	1880.78	1906.74	1.26	ppb
Iron	56-2	1815.54	1823.35	1794.43	1811.11	0.83	ppb
Iron	57-2	1839.85	1831.69	1839.37	1836.97	0.25	ppb
Krypton	83-1						cps
Lead	207-1	198.70	196.11	193.19	196.00	1.41	ppb
Lead	208-1	203.40	204.13	200.01	202.51	1.09	ppb
Lead	206-1	207.75	209.08	206.75	207.86	0.56	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:31:45	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	1106.87	1129.42	1111.26	1115.85	1.07	ppb
Manganese	55-2	99.43	100.73	97.95	99.37	1.40	ppb
Molybdenum	94-1	2401.55	2464.11	2379.70	2415.12	1.81	ppb
Molybdenum	95-1	2421.49	2424.87	2443.83	2430.06	0.50	ppb
Molybdenum	96-1	2404.02	2434.34	2433.04	2423.80	0.71	ppb
Molybdenum	97-1	2336.17	2393.79	2415.18	2381.71	1.72	ppb
Molybdenum	98-1	2376.43	2400.39	2413.95	2396.92	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.05	98.41	98.39	98.29	0.21	ppb
Phosphorus	31-2	-16.41	85.43	-75.17	-2.05		ppb
Potassium	39-2	1908.28	1810.19	1789.70	1836.06	3.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	205.12	182.99	186.81	191.64	6.17	ppb
Selenium	78-2	203.43	192.91	201.84	199.39	2.85	ppb
Selenium	82-1	190.72	191.72	194.20	192.21	0.93	ppb
Silicon	28-1	410.89	426.99	449.70	429.20	4.54	ppb
Silver	109-1	43.58	44.75	43.15	43.83	1.90	ppb
Silver	107-1	44.73	45.42	44.66	44.94	0.93	ppb
Sodium	23-2	1919.53	1931.69	1884.05	1911.76	1.29	ppb
Strontium	86-1	468.00	472.96	483.03	474.66	1.61	ppb
Strontium	88-1	486.50	486.88	492.64	488.67	0.70	ppb
Sulfur	34-1	-1427.39	-2616.94	-2042.85	-2029.06		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	210.08	210.71	208.51	209.77	0.54	ppb
Thallium	205-1	214.08	211.18	211.49	212.25	0.75	ppb
Tin	118-1	485.35	494.52	488.70	489.52	0.95	ppb
Titanium	47-1	2414.25	2408.84	2467.30	2430.13	1.33	ppb
Uranium	238-1	513.68	511.45	503.15	509.43	1.09	ppb
Vanadium	51-2	94.34	92.50	92.15	93.00	1.27	ppb
Yttrium	89-1				104		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:31:45	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	183.63	188.20	182.04	184.62	1.73	ppb
Zirconium	90-1	482.37	484.66	485.81	484.28	0.36	ppb
Zirconium	91-1	477.92	483.39	475.98	479.10	0.80	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:41:05	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.77	1.01	-0.99	-0.25		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.98	ppb
Arsenic	75-2	0.05	-0.01	-0.01	0.01	339.09	ppb
Barium	135-1	0.01	0.01	0.03	0.02	38.10	ppb
Barium	137-1	-0.03	0.03	0.03	0.01	381.06	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	16.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	11-1	20.06	20.80	20.34	20.40	1.85	ppb
Boron	10-1	21.08	20.38	21.45	20.97	2.60	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.70	-1.90	-2.35	-1.65		ppb
Cadmium	108-1	-0.05	0.02	0.02	0.00	177967.65	ppb
Cadmium	111-1	-0.02	-0.14	-0.17	-0.11		ppb
Calcium	43-1	-12.19	-7.82	-14.56	-11.52		ppb
Calcium	44-1	-40.56	-49.83	-58.50	-49.63		ppb
Chromium	52-2	-0.07	-0.01	0.10	0.01	1148.93	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.01	195.12	ppb
Copper	63-2	0.18	0.22	0.27	0.22	21.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	-3.28	1.25	-1.88	-1.30		ppb
Iron	56-2	0.14	0.08	-0.28	-0.02		ppb
Iron	57-2	2.53	-2.18	0.43	0.26	915.24	ppb
Krypton	83-1						cps
Lead	207-1	0.21	0.10	0.09	0.14	50.94	ppb
Lead	208-1	0.16	0.12	0.14	0.14	14.10	ppb
Lead	206-1	0.13	0.10	0.19	0.14	30.73	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:41:05	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	-0.04	1.17	0.64	0.59	103.30	ppb
Manganese	55-2	0.03	-0.02	0.00	0.00	722.51	ppb
Molybdenum	94-1	0.04	0.01	0.05	0.03	72.49	ppb
Molybdenum	95-1	0.07	0.05	0.01	0.04	76.54	ppb
Molybdenum	96-1	0.01	-0.03	0.01	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.06	0.03	0.00	0.03	95.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	0.00	-0.01		ppb
Phosphorus	31-2	-14.89	-1.55	-13.08	-9.84		ppb
Potassium	39-2	-39.62	-22.48	-4.46	-22.19		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-0.68	-0.68	-0.68	-0.68		ppb
Selenium	78-2	1.81	-0.28	0.83	0.78	133.43	ppb
Selenium	82-1	2.20	2.17	0.35	1.57	67.49	ppb
Silicon	28-1	-34.48	-44.82	-41.84	-40.38		ppb
Silver	109-1	0.00	0.00	0.00	0.00	125.94	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.50	ppb
Sodium	23-2	23.25	22.38	21.25	22.29	4.50	ppb
Strontium	86-1	-0.07	0.05	0.06	0.01	499.64	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	205.21	ppb
Sulfur	34-1	-650.88	-2085.82	-2061.52	-1599.41		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.03	0.02	0.02	81.83	ppb
Tin	118-1	0.01	0.00	0.00	0.00	282.50	ppb
Titanium	47-1	0.02	-0.26	-0.20	-0.15		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.01	0.00	0.00		ppb
Yttrium	89-1				102		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:41:05	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.23	0.57	0.18	0.32	65.96	ppb
Zirconium	90-1	-0.02	-0.02	0.00	-0.02		ppb
Zirconium	91-1	-0.04	-0.06	-0.06	-0.05		ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:43:53	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82940.66	83639.98	83594.21	83391.62	0.47	ppb
Antimony	121-1	1.14	1.05	1.21	1.13	7.08	ppb
Arsenic	75-2	0.36	0.33	0.34	0.34	4.27	ppb
Barium	135-1	1.38	1.54	1.43	1.45	5.58	ppb
Barium	137-1	1.28	1.45	1.38	1.37	6.60	ppb
Beryllium	9-1	0.26	0.23	0.27	0.25	9.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	11-1	20.74	20.05	18.29	19.69	6.40	ppb
Boron	10-1	21.37	19.59	20.17	20.38	4.45	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.30	-4.65	-1.63	-2.19		ppb
Cadmium	108-1	8.89	9.28	8.83	9.00	2.70	ppb
Cadmium	111-1	0.31	-0.03	0.30	0.20	97.96	ppb
Calcium	43-1	94362.31	95706.15	96174.24	95414.23	0.99	ppb
Calcium	44-1	93730.64	94256.24	95472.69	94486.52	0.95	ppb
Chromium	52-2	19.41	19.37	18.78	19.19	1.85	ppb
Cobalt	59-2	1.04	1.17	1.11	1.11	5.96	ppb
Copper	63-2	7.78	7.75	7.51	7.68	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	93250.30	93844.60	91508.17	92867.69	1.31	ppb
Iron	56-2	91754.41	92863.71	89352.99	91323.70	1.97	ppb
Iron	57-2	95569.15	95294.48	91441.38	94101.67	2.45	ppb
Krypton	83-1						cps
Lead	207-1	3.99	4.19	4.16	4.11	2.58	ppb
Lead	208-1	4.35	4.46	4.25	4.35	2.43	ppb
Lead	206-1	4.68	4.64	4.56	4.63	1.32	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:43:53	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	92620.24	92442.31	89974.03	91678.86	1.61	ppb
Manganese	55-2	7.00	7.31	6.80	7.04	3.59	ppb
Molybdenum	94-1	1344.48	1305.28	1325.35	1325.03	1.48	ppb
Molybdenum	95-1	1902.25	1845.50	1869.16	1872.31	1.52	ppb
Molybdenum	96-1	1822.33	1798.34	1831.53	1817.40	0.94	ppb
Molybdenum	97-1	1900.07	1854.69	1899.74	1884.83	1.38	ppb
Molybdenum	98-1	1891.27	1858.50	1881.41	1877.06	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.91	5.38	5.53	5.27	6.17	ppb
Phosphorus	31-2	95805.34	93908.53	92119.52	93944.47	1.96	ppb
Potassium	39-2	94329.00	94064.86	91656.98	93350.28	1.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	1.40	-0.68	1.38	0.70	170.42	ppb
Selenium	78-2	1.50	-0.70	-0.66	0.05	2708.02	ppb
Selenium	82-1	1.29	0.71	1.36	1.12	32.00	ppb
Silicon	28-1	16.08	15.72	20.24	17.34	14.49	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.01	ppb
Silver	107-1	0.03	0.04	0.03	0.03	14.62	ppb
Sodium	23-2	94942.37	97007.93	93455.47	95135.25	1.88	ppb
Strontium	86-1	32.68	32.81	31.11	32.20	2.93	ppb
Strontium	88-1	33.13	33.19	32.97	33.10	0.35	ppb
Sulfur	34-1	71219.67	69081.82	69465.12	69922.20	1.63	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.10	0.05	71.12	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	16.93	ppb
Tin	118-1	0.14	0.12	0.25	0.17	40.07	ppb
Titanium	47-1	1920.28	1912.49	1960.24	1931.00	1.33	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	56.95	ppb
Vanadium	51-2	0.12	0.13	0.10	0.12	12.46	ppb
Yttrium	89-1				104		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:43:53	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	9.84	10.84	10.39	10.36	4.87	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	94.61	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	385.29	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:46:44	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83152.86	82999.01	81843.17	82665.01	0.87	ppb
Antimony	121-1	19.66	19.92	19.93	19.84	0.77	ppb
Arsenic	75-2	19.77	19.03	18.98	19.26	2.29	ppb
Barium	135-1	21.12	20.45	19.53	20.36	3.92	ppb
Barium	137-1	20.28	20.88	19.96	20.37	2.30	ppb
Beryllium	9-1	19.08	18.79	19.50	19.12	1.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	68.33	72.86	76.69	72.63	5.76	ppb
Boron	10-1	67.05	73.23	73.49	71.26	5.11	ppb
Bromine	81-1						cps
Cadmium	106-1	18.69	20.44	17.04	18.73	9.07	ppb
Cadmium	108-1	26.97	27.43	26.15	26.85	2.41	ppb
Cadmium	111-1	17.89	18.75	17.91	18.18	2.69	ppb
Calcium	43-1	95171.75	96108.95	95521.00	95600.57	0.50	ppb
Calcium	44-1	92928.32	94493.28	94910.98	94110.86	1.11	ppb
Chromium	52-2	37.50	37.94	37.08	37.51	1.14	ppb
Cobalt	59-2	20.30	20.19	20.31	20.27	0.32	ppb
Copper	63-2	27.60	27.06	26.74	27.13	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				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	92604.41	91696.28	91023.75	91774.82	0.86	ppb
Iron	56-2	91202.22	90317.02	90485.63	90668.29	0.52	ppb
Iron	57-2	94026.79	93887.22	91002.21	92972.07	1.84	ppb
Krypton	83-1						cps
Lead	207-1	22.11	21.91	22.32	22.11	0.93	ppb
Lead	208-1	22.96	22.54	23.25	22.92	1.56	ppb
Lead	206-1	24.16	23.47	24.28	23.97	1.83	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:46:44	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	92150.34	92319.18	88008.86	90826.13	2.69	ppb
Manganese	55-2	25.41	25.75	25.98	25.71	1.11	ppb
Molybdenum	94-1	1445.57	1443.12	1450.00	1446.23	0.24	ppb
Molybdenum	95-1	1963.86	1970.71	1950.81	1961.79	0.52	ppb
Molybdenum	96-1	1888.14	1911.86	1870.53	1890.18	1.10	ppb
Molybdenum	97-1	1931.11	1959.22	1954.51	1948.28	0.77	ppb
Molybdenum	98-1	1910.55	1943.06	1922.73	1925.45	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.01	24.50	24.40	24.30	1.07	ppb
Phosphorus	31-2	94580.08	92383.72	93603.32	93522.37	1.18	ppb
Potassium	39-2	93470.05	93177.90	91119.71	92589.22	1.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	11.58	13.54	17.67	14.26	21.79	ppb
Selenium	78-2	16.83	19.65	15.13	17.21	13.28	ppb
Selenium	82-1	19.45	19.31	19.65	19.47	0.89	ppb
Silicon	28-1	77.28	84.20	78.49	79.99	4.62	ppb
Silver	109-1	16.65	16.77	16.75	16.73	0.39	ppb
Silver	107-1	16.87	16.94	16.73	16.85	0.65	ppb
Sodium	23-2	93430.78	95147.36	92801.88	93793.34	1.29	ppb
Strontium	86-1	80.93	81.85	82.39	81.72	0.91	ppb
Strontium	88-1	82.69	84.02	83.66	83.46	0.83	ppb
Sulfur	34-1	67358.91	66450.10	66578.51	66795.84	0.74	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	19.65	18.89	19.73	19.42	2.38	ppb
Thallium	205-1	19.96	19.24	20.26	19.82	2.65	ppb
Tin	118-1	48.14	49.55	47.77	48.49	1.94	ppb
Titanium	47-1	1964.87	1978.83	1999.42	1981.04	0.88	ppb
Uranium	238-1	49.81	50.05	50.19	50.02	0.38	ppb
Vanadium	51-2	19.31	19.29	18.64	19.08	1.99	ppb
Yttrium	89-1				106		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:46:44	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	28.45	28.73	28.80	28.66	0.65	ppb
Zirconium	90-1	49.87	50.07	50.10	50.01	0.26	ppb
Zirconium	91-1	49.68	49.70	50.47	49.95	0.90	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:49:32	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48064.91	48086.99	46987.60	47713.17	1.32	ppb
Antimony	121-1	488.55	502.90	512.41	501.29	2.40	ppb
Arsenic	75-2	494.03	484.92	489.86	489.61	0.93	ppb
Barium	135-1	2437.26	2419.63	2481.69	2446.20	1.31	ppb
Barium	137-1	2454.42	2460.30	2514.48	2476.40	1.34	ppb
Beryllium	9-1	491.82	499.00	494.28	495.04	0.74	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	11-1	401.95	466.41	506.68	458.35	11.53	ppb
Boron	10-1	394.64	462.24	505.17	454.02	12.27	ppb
Bromine	81-1						cps
Cadmium	106-1	450.10	457.55	460.00	455.88	1.13	ppb
Cadmium	108-1	457.83	448.05	461.96	455.95	1.57	ppb
Cadmium	111-1	450.08	454.63	460.61	455.11	1.16	ppb
Calcium	43-1	241537.09	246321.33	252993.74	246950.72	2.33	ppb
Calcium	44-1	242027.71	243268.41	249449.11	244915.07	1.62	ppb
Chromium	52-2	495.65	494.33	493.45	494.48	0.22	ppb
Cobalt	59-2	486.81	478.97	476.48	480.75	1.12	ppb
Copper	63-2	4775.71	4686.62	4695.67	4719.33	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	117368.46	116362.65	116424.98	116718.69	0.48	ppb
Iron	56-2	117411.28	116137.02	114689.62	116079.30	1.17	ppb
Iron	57-2	118807.96	118498.88	117469.50	118258.78	0.59	ppb
Krypton	83-1						cps
Lead	207-1	2513.38	2513.60	2436.25	2487.74	1.79	ppb
Lead	208-1	2484.96	2490.86	2441.06	2472.29	1.10	ppb
Lead	206-1	2502.15	2484.14	2465.13	2483.81	0.75	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:49:32	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	237930.64	235237.63	229515.18	234227.82	1.83	ppb
Manganese	55-2	5069.95	4974.26	4931.56	4991.92	1.42	ppb
Molybdenum	94-1	2465.31	2459.71	2451.45	2458.82	0.28	ppb
Molybdenum	95-1	2471.16	2441.46	2485.05	2465.89	0.90	ppb
Molybdenum	96-1	2478.67	2438.67	2471.55	2462.96	0.87	ppb
Molybdenum	97-1	2481.37	2422.69	2481.82	2461.96	1.38	ppb
Molybdenum	98-1	2446.18	2417.81	2468.24	2444.08	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.44	485.22	486.64	489.77	1.36	ppb
Phosphorus	31-2	9769.65	9829.21	9762.37	9787.08	0.37	ppb
Potassium	39-2	118081.19	117445.98	117659.70	117728.96	0.27	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	536.72	490.83	515.58	514.38	4.47	ppb
Selenium	78-2	490.79	496.43	474.40	487.21	2.35	ppb
Selenium	82-1	481.74	468.72	480.88	477.11	1.53	ppb
Silicon	28-1	458.00	487.50	529.30	491.60	7.29	ppb
Silver	109-1	439.52	437.43	449.87	442.27	1.51	ppb
Silver	107-1	446.46	451.44	449.62	449.17	0.56	ppb
Sodium	23-2	236439.11	236864.00	231105.62	234802.91	1.37	ppb
Strontium	86-1	486.74	478.20	486.84	483.93	1.02	ppb
Strontium	88-1	491.63	489.93	491.56	491.04	0.20	ppb
Sulfur	34-1	2324.69	3467.06	4342.80	3378.18	29.96	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	492.55	496.46	488.99	492.67	0.76	ppb
Thallium	205-1	492.63	504.83	486.27	494.58	1.91	ppb
Tin	118-1	478.46	485.21	489.04	484.24	1.11	ppb
Titanium	47-1	2447.22	2478.32	2533.93	2486.49	1.77	ppb
Uranium	238-1	516.88	507.93	511.89	512.23	0.88	ppb
Vanadium	51-2	494.96	486.99	483.88	488.61	1.17	ppb
Yttrium	89-1				109		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:49:32	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4696.66	4661.84	4587.65	4648.72	1.20	ppb
Zirconium	90-1	486.66	488.95	498.54	491.38	1.28	ppb
Zirconium	91-1	483.89	478.36	486.60	482.95	0.87	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:58:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	0.09	0.87	0.13	557.77	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	54.34	ppb
Arsenic	75-2	-0.01	-0.02	0.03	0.00		ppb
Barium	135-1	0.03	0.04	-0.01	0.02	134.19	ppb
Barium	137-1	0.02	0.00	0.00	0.01	195.85	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	27.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	19.33	18.42	19.30	19.02	2.71	ppb
Boron	10-1	19.41	18.79	19.95	19.38	3.00	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.49	-1.45	-2.59	-1.84		ppb
Cadmium	108-1	-0.05	-0.12	-0.05	-0.07		ppb
Cadmium	111-1	-0.11	-0.09	-0.19	-0.13		ppb
Calcium	43-1	-14.10	-22.30	1.29	-11.70		ppb
Calcium	44-1	-42.97	-57.49	-44.93	-48.46		ppb
Chromium	52-2	-0.03	0.08	-0.08	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.39	0.35	0.35	0.36	6.01	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				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	0.72	1.31	-2.63	-0.20		ppb
Iron	56-2	0.13	0.56	0.19	0.29	79.91	ppb
Iron	57-2	-0.44	-0.49	1.87	0.31	432.82	ppb
Krypton	83-1						cps
Lead	207-1	0.31	0.27	0.36	0.31	14.61	ppb
Lead	208-1	0.27	0.26	0.29	0.27	6.57	ppb
Lead	206-1	0.29	0.29	0.27	0.29	4.55	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:58:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1.81	0.85	2.45	1.70	47.14	ppb
Manganese	55-2	0.06	-0.02	0.00	0.02	256.39	ppb
Molybdenum	94-1	0.05	0.04	0.00	0.03	86.75	ppb
Molybdenum	95-1	0.04	0.01	0.02	0.02	58.66	ppb
Molybdenum	96-1	-0.01	-0.03	0.06	0.01	437.15	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	64.22	ppb
Molybdenum	98-1	0.05	0.02	0.04	0.04	40.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.02	0.00		ppb
Phosphorus	31-2	-39.25	-74.48	-68.32	-60.68		ppb
Potassium	39-2	-14.27	-29.93	-8.43	-17.54		ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	1.36	-0.68	-0.68	0.00	73223.70	ppb
Selenium	78-2	-1.44	0.75	-0.72	-0.47		ppb
Selenium	82-1	-0.68	1.18	1.75	0.75	168.68	ppb
Silicon	28-1	-50.16	-58.85	-29.19	-46.07		ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.37	ppb
Silver	107-1	0.02	0.01	0.01	0.01	34.13	ppb
Sodium	23-2	45.88	44.72	32.61	41.07	17.90	ppb
Strontium	86-1	-0.20	-0.06	0.03	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	245.26	ppb
Sulfur	34-1	-3906.52	-4362.27	-1675.14	-3314.64		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.02	0.07	0.03	106.59	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	48.97	ppb
Tin	118-1	-0.01	0.01	0.02	0.01	299.19	ppb
Titanium	47-1	0.18	-0.02	-0.03	0.04	279.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.01	0.01	-0.01		ppb
Yttrium	89-1				102		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:58:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.49	0.48	0.20	0.39	43.16	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.04	-0.01	-0.02		ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 13:00:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.42	17.10	14.70	16.07	7.69	ppb
Antimony	121-1	2.06	1.92	1.86	1.94	5.19	ppb
Arsenic	75-2	1.07	0.98	0.97	1.01	5.27	ppb
Barium	135-1	9.72	9.92	9.29	9.64	3.36	ppb
Barium	137-1	10.82	9.93	10.12	10.29	4.54	ppb
Beryllium	9-1	1.05	1.02	0.96	1.01	4.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	30.31	32.76	34.21	32.43	6.09	ppb
Boron	10-1	30.81	31.63	37.79	33.41	11.42	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.56	-1.10	-0.15	-0.94		ppb
Cadmium	108-1	1.86	1.13	1.20	1.40	28.94	ppb
Cadmium	111-1	0.70	0.83	0.86	0.80	10.33	ppb
Calcium	43-1	447.30	448.05	521.53	472.30	9.03	ppb
Calcium	44-1	472.96	435.85	441.55	450.12	4.44	ppb
Chromium	52-2	2.00	2.04	1.99	2.01	1.47	ppb
Cobalt	59-2	1.00	1.09	0.97	1.02	6.44	ppb
Copper	63-2	2.22	2.25	2.40	2.29	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	49.37	54.21	47.09	50.22	7.24	ppb
Iron	56-2	49.92	49.05	49.17	49.38	0.96	ppb
Iron	57-2	53.97	56.30	53.43	54.57	2.79	ppb
Krypton	83-1						cps
Lead	207-1	1.33	1.14	0.98	1.15	15.55	ppb
Lead	208-1	1.22	1.19	1.16	1.19	2.58	ppb
Lead	206-1	1.16	1.28	1.23	1.22	4.84	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 13:00:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	496.59	506.31	502.71	501.87	0.98	ppb
Manganese	55-2	1.11	1.06	0.99	1.05	5.63	ppb
Molybdenum	94-1	5.72	4.79	4.95	5.15	9.64	ppb
Molybdenum	95-1	5.57	5.27	5.22	5.35	3.46	ppb
Molybdenum	96-1	5.43	5.31	5.04	5.26	3.80	ppb
Molybdenum	97-1	5.24	5.31	5.34	5.30	0.98	ppb
Molybdenum	98-1	5.40	5.30	5.18	5.29	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.31	1.16	1.17	10.90	ppb
Phosphorus	31-2	21.36	9.09	-32.54	-0.70		ppb
Potassium	39-2	446.05	475.16	464.17	461.79	3.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	1.34	3.44	9.55	4.78	89.18	ppb
Selenium	78-2	4.01	4.57	4.30	4.29	6.47	ppb
Selenium	82-1	5.72	5.65	4.83	5.40	9.16	ppb
Silicon	28-1	-18.07	-40.71	-34.12	-30.97		ppb
Silver	109-1	0.96	0.99	0.86	0.94	7.64	ppb
Silver	107-1	0.96	0.97	1.04	0.99	4.25	ppb
Sodium	23-2	513.02	525.49	512.98	517.16	1.39	ppb
Strontium	86-1	0.88	0.73	1.03	0.88	17.29	ppb
Strontium	88-1	1.01	0.94	1.02	0.99	4.63	ppb
Sulfur	34-1	-1254.03	-4055.65	-2968.45	-2759.38		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.02	1.05	1.03	1.03	1.51	ppb
Thallium	205-1	0.99	0.96	0.90	0.95	5.18	ppb
Tin	118-1	5.07	4.76	4.91	4.91	3.17	ppb
Titanium	47-1	5.04	5.81	4.87	5.24	9.49	ppb
Uranium	238-1	0.95	0.89	0.93	0.92	2.93	ppb
Vanadium	51-2	5.01	5.14	5.20	5.12	1.91	ppb
Yttrium	89-1				103		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 13:00:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	2.64	2.72	2.41	2.59	6.16	ppb
Zirconium	90-1	0.99	0.88	0.93	0.94	5.93	ppb
Zirconium	91-1	1.04	0.85	0.96	0.95	10.11	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:05:12	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51021.32	51345.89	49555.81	50641.01	1.88	ppb
Antimony	121-1	479.80	501.33	480.20	487.11	2.53	ppb
Arsenic	75-2	508.76	504.36	502.61	505.24	0.63	ppb
Barium	135-1	2480.26	2547.82	2453.03	2493.70	1.96	ppb
Barium	137-1	2517.02	2594.93	2490.57	2534.17	2.14	ppb
Beryllium	9-1	520.85	526.07	526.92	524.61	0.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	394.72	471.89	526.79	464.47	14.28	ppb
Boron	10-1	396.64	468.84	523.09	462.86	13.71	ppb
Bromine	81-1						cps
Cadmium	106-1	480.18	509.00	499.09	496.09	2.95	ppb
Cadmium	108-1	485.93	494.06	475.10	485.03	1.96	ppb
Cadmium	111-1	483.72	496.30	490.74	490.25	1.29	ppb
Calcium	43-1	244499.14	249753.90	243265.20	245839.42	1.40	ppb
Calcium	44-1	241710.68	243793.39	247265.25	244256.44	1.15	ppb
Chromium	52-2	514.94	512.49	508.36	511.93	0.65	ppb
Cobalt	59-2	495.33	500.59	487.93	494.62	1.29	ppb
Copper	63-2	4882.70	4835.98	4831.81	4850.17	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	119559.02	120439.47	117921.51	119306.67	1.07	ppb
Iron	56-2	119960.61	121131.52	116187.36	119093.16	2.17	ppb
Iron	57-2	121333.22	121191.51	118630.25	120384.99	1.26	ppb
Krypton	83-1						cps
Lead	207-1	2474.95	2531.77	2513.17	2506.63	1.16	ppb
Lead	208-1	2456.18	2527.17	2485.04	2489.46	1.43	ppb
Lead	206-1	2468.37	2511.65	2488.18	2489.40	0.87	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:05:12	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	245915.99	248422.42	240742.13	245026.85	1.60	ppb
Manganese	55-2	5239.06	5301.34	5026.34	5188.91	2.78	ppb
Molybdenum	94-1	2467.30	2516.51	2494.43	2492.75	0.99	ppb
Molybdenum	95-1	2489.93	2542.92	2510.79	2514.55	1.06	ppb
Molybdenum	96-1	2473.53	2521.59	2509.33	2501.49	1.00	ppb
Molybdenum	97-1	2457.61	2552.02	2517.27	2508.97	1.90	ppb
Molybdenum	98-1	2447.15	2527.95	2482.30	2485.80	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.93	507.78	495.39	499.70	1.40	ppb
Phosphorus	31-2	9971.18	10336.33	9509.97	9939.16	4.17	ppb
Potassium	39-2	124002.82	123304.33	118887.00	122064.71	2.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	520.48	527.00	492.84	513.44	3.53	ppb
Selenium	78-2	496.79	489.07	498.33	494.73	1.00	ppb
Selenium	82-1	479.65	485.90	483.99	483.18	0.66	ppb
Silicon	28-1	590.38	679.49	722.65	664.17	10.16	ppb
Silver	109-1	537.51	552.22	539.80	543.17	1.46	ppb
Silver	107-1	541.78	556.09	535.14	544.34	1.97	ppb
Sodium	23-2	246843.51	248538.68	241470.33	245617.50	1.50	ppb
Strontium	86-1	483.92	498.76	485.78	489.49	1.65	ppb
Strontium	88-1	493.08	503.98	497.36	498.14	1.10	ppb
Sulfur	34-1	8142.51	8274.73	8441.07	8286.11	1.81	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	480.24	498.62	497.40	492.09	2.09	ppb
Thallium	205-1	490.76	512.54	506.46	503.26	2.23	ppb
Tin	118-1	475.10	482.83	468.31	475.42	1.53	ppb
Titanium	47-1	2459.98	2490.43	2529.05	2493.15	1.39	ppb
Uranium	238-1	488.54	502.45	506.92	499.30	1.92	ppb
Vanadium	51-2	509.77	513.88	500.38	508.01	1.36	ppb
Yttrium	89-1				107		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:05:12	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4795.60	4825.46	4682.98	4768.01	1.58	ppb
Zirconium	90-1	490.29	508.90	492.25	497.15	2.06	ppb
Zirconium	91-1	484.36	493.34	484.36	487.35	1.06	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:10:19	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.24	0.58	1.24	0.19	665.53	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	21.32	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.06	0.00	0.04	0.03	88.91	ppb
Barium	137-1	0.01	0.00	0.06	0.02	136.61	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	35.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	11-1	27.88	26.18	25.21	26.42	5.11	ppb
Boron	10-1	27.54	28.09	25.42	27.01	5.20	ppb
Bromine	81-1						cps
Cadmium	106-1	0.01	-1.92	-3.78	-1.90		ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00	14366.12	ppb
Cadmium	111-1	0.03	-0.14	-0.27	-0.13		ppb
Calcium	43-1	-14.10	-13.26	-14.33	-13.90		ppb
Calcium	44-1	-59.84	-82.73	-79.55	-74.04		ppb
Chromium	52-2	0.11	-0.01	0.03	0.04	153.26	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.45	0.34	0.39	0.39	13.39	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				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-2.77	-0.33	-1.28	-1.46		ppb
Iron	56-2	1.14	0.99	0.62	0.92	28.91	ppb
Iron	57-2	0.41	1.54	-0.07	0.63	132.27	ppb
Krypton	83-1						cps
Lead	207-1	0.23	0.26	0.23	0.24	6.08	ppb
Lead	208-1	0.24	0.25	0.21	0.23	8.81	ppb
Lead	206-1	0.26	0.23	0.25	0.25	6.46	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:10:19	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	2.34	1.93	2.17	2.15	9.65	ppb
Manganese	55-2	-0.03	-0.02	0.08	0.01	653.91	ppb
Molybdenum	94-1	0.11	0.02	0.09	0.07	67.03	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	18.60	ppb
Molybdenum	96-1	0.05	-0.02	-0.02	0.00	1382.57	ppb
Molybdenum	97-1	0.12	0.01	0.03	0.05	104.22	ppb
Molybdenum	98-1	0.10	0.06	0.04	0.07	47.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	-0.04	-0.05		ppb
Phosphorus	31-2	-77.66	-22.77	-58.89	-53.11		ppb
Potassium	39-2	0.93	-21.66	-27.15	-15.96		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	-0.68	-0.68	1.43	0.03	4768.37	ppb
Selenium	78-2	-0.44	0.45	-2.60	-0.86		ppb
Selenium	82-1	-2.26	0.61	2.06	0.14	1572.45	ppb
Silicon	28-1	-31.49	-50.58	-53.98	-45.35		ppb
Silver	109-1	0.01	0.02	0.01	0.01	19.24	ppb
Silver	107-1	0.00	0.01	0.03	0.01	90.26	ppb
Sodium	23-2	29.05	35.41	25.06	29.84	17.49	ppb
Strontium	86-1	-0.03	-0.05	-0.01	-0.03		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	133.20	ppb
Sulfur	34-1	937.79	-2135.04	-1935.87	-1044.37		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.13	0.09	0.12	27.22	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	5.03	ppb
Tin	118-1	0.03	0.03	-0.02	0.01	226.31	ppb
Titanium	47-1	0.06	-0.10	-0.25	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	266.88	ppb
Vanadium	51-2	-0.01	0.01	-0.03	-0.01		ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:10:19	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.21	0.57	0.23	0.34	58.79	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : PB128546BL Instrumnet Name : P8
 Client Sample ID : PB128546BL Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 14:50:48 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.00	-3.09	0.42	-1.22		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	182.03	ppb
Arsenic	75-2	-0.03	0.02	-0.04	-0.01		ppb
Barium	135-1	0.06	0.01	-0.04	0.01	460.82	ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	0.65	0.66	0.69	0.67	3.13	ppb
Boron	10-1	0.88	1.29	0.86	1.01	24.15	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.09	-3.43	-3.17	-2.56		ppb
Cadmium	108-1	0.09	-0.04	0.09	0.05	163.26	ppb
Cadmium	111-1	-0.10	-0.24	-0.24	-0.19		ppb
Calcium	43-1	-25.91	-26.18	-14.73	-22.27		ppb
Calcium	44-1	-92.64	-72.23	-79.80	-81.56		ppb
Chromium	52-2	0.05	0.04	-0.04	0.02	254.67	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	34.97	ppb
Copper	63-2	0.03	-0.03	0.05	0.01	308.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	-1.73	-2.35	-2.00	-2.03		ppb
Iron	56-2	-0.51	-0.18	-0.20	-0.30		ppb
Iron	57-2	0.42	2.93	-0.48	0.95	184.90	ppb
Krypton	83-1						cps
Lead	207-1	0.06	0.06	0.01	0.05	61.92	ppb
Lead	208-1	0.02	0.07	0.02	0.04	74.06	ppb
Lead	206-1	0.03	0.05	0.03	0.04	25.98	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BL	Instrumnet Name :	P8
Client Sample ID :	PB128546BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:50:48	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	-1.09	-0.30	-0.19	-0.52		ppb
Manganese	55-2	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	52.77	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	152.92	ppb
Molybdenum	96-1	-0.05	-0.01	-0.05	-0.04		ppb
Molybdenum	97-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.01	-0.11	-0.07		ppb
Phosphorus	31-2	-47.02	29.90	-53.81	-23.65		ppb
Potassium	39-2	-44.90	-28.16	-38.73	-37.26		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-0.68	1.41	-0.68	0.02	6237.39	ppb
Selenium	78-2	-0.73	-0.55	-2.50	-1.26		ppb
Selenium	82-1	0.19	-1.28	0.23	-0.29		ppb
Silicon	28-1	-50.43	-15.83	-46.41	-37.55		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.01	60.92	ppb
Sodium	23-2	-3.43	-3.30	5.02	-0.57		ppb
Strontium	86-1	-0.15	0.04	-0.10	-0.07		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	71.12	ppb
Sulfur	34-1	-1311.45	4260.54	-169.23	926.62	317.63	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.03	0.02	0.02	61.09	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	81.07	ppb
Tin	118-1	-0.02	0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.12	-0.06	0.10	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				100		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BL	Instrumnet Name :	P8
Client Sample ID :	PB128546BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:50:48	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.14	0.26	-0.02	0.04	590.40	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	0.01	-0.02	-0.04	-0.02		ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BS	Instrumnet Name :	P8
Client Sample ID :	PB128546BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:53:36	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10090.52	9572.91	9508.74	9724.05	3.28	ppb
Antimony	121-1	512.82	495.57	487.10	498.49	2.63	ppb
Arsenic	75-2	543.72	507.42	497.66	516.27	4.70	ppb
Barium	135-1	2521.83	2508.54	2423.43	2484.60	2.15	ppb
Barium	137-1	2579.81	2512.98	2475.47	2522.76	2.10	ppb
Beryllium	9-1	492.10	500.74	487.53	493.46	1.36	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	11-1	328.67	406.74	456.53	397.31	16.22	ppb
Boron	10-1	334.42	411.30	460.99	402.24	15.85	ppb
Bromine	81-1						cps
Cadmium	106-1	488.27	477.05	479.15	481.49	1.24	ppb
Cadmium	108-1	475.16	481.83	474.69	477.23	0.84	ppb
Cadmium	111-1	475.44	473.92	463.22	470.86	1.41	ppb
Calcium	43-1	50845.89	50518.91	49828.64	50397.82	1.03	ppb
Calcium	44-1	49697.63	49974.20	49151.25	49607.69	0.84	ppb
Chromium	52-2	526.60	499.54	494.87	507.00	3.38	ppb
Cobalt	59-2	522.92	502.44	499.29	508.22	2.52	ppb
Copper	63-2	5149.42	4885.05	4889.56	4974.68	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	26116.59	24802.01	24747.67	25222.09	3.07	ppb
Iron	56-2	25850.35	24626.74	24190.88	24889.32	3.46	ppb
Iron	57-2	25480.27	24376.12	24184.29	24680.23	2.83	ppb
Krypton	83-1						cps
Lead	207-1	2475.78	2570.07	2489.09	2511.65	2.03	ppb
Lead	208-1	2476.60	2545.52	2486.70	2502.94	1.49	ppb
Lead	206-1	2472.76	2552.11	2459.67	2494.85	2.00	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BS	Instrumnet Name :	P8
Client Sample ID :	PB128546BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:53:36	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	54957.10	49984.56	51170.30	52037.32	4.99	ppb
Manganese	55-2	5381.90	5053.27	5000.84	5145.34	4.01	ppb
Molybdenum	94-1	2446.70	2498.54	2466.16	2470.47	1.06	ppb
Molybdenum	95-1	2503.37	2497.18	2531.38	2510.64	0.73	ppb
Molybdenum	96-1	2486.97	2482.63	2503.77	2491.12	0.45	ppb
Molybdenum	97-1	2468.39	2486.70	2496.66	2483.92	0.58	ppb
Molybdenum	98-1	2460.35	2498.54	2480.79	2479.89	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.19	501.78	500.89	510.29	3.04	ppb
Phosphorus	31-2	10590.90	9714.99	9909.36	10071.75	4.57	ppb
Potassium	39-2	26210.80	24840.80	24956.39	25336.00	3.00	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	77-2	513.75	485.69	509.26	502.90	3.00	ppb
Selenium	78-2	534.19	508.14	485.11	509.15	4.82	ppb
Selenium	82-1	490.09	491.71	501.15	494.31	1.21	ppb
Silicon	28-1	500.04	527.08	527.52	518.21	3.04	ppb
Silver	109-1	476.11	464.13	455.53	465.26	2.22	ppb
Silver	107-1	469.27	467.34	453.61	463.41	1.84	ppb
Sodium	23-2	52915.34	49451.98	49427.45	50598.26	3.97	ppb
Strontium	86-1	486.65	492.90	486.90	488.81	0.72	ppb
Strontium	88-1	496.30	503.64	501.31	500.42	0.75	ppb
Sulfur	34-1	8036.14	7446.41	6556.59	7346.38	10.14	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	484.41	501.68	493.72	493.27	1.75	ppb
Thallium	205-1	491.82	517.38	492.42	500.54	2.91	ppb
Tin	118-1	495.90	497.60	479.84	491.11	1.99	ppb
Titanium	47-1	2501.32	2494.11	2451.72	2482.38	1.08	ppb
Uranium	238-1	507.24	511.71	505.90	508.28	0.60	ppb
Vanadium	51-2	526.96	497.94	498.66	507.85	3.26	ppb
Yttrium	89-1				111		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BS	Instrumnet Name :	P8
Client Sample ID :	PB128546BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:53:36	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	5017.01	4787.49	4796.99	4867.16	2.67	ppb
Zirconium	90-1	493.19	502.95	506.32	500.82	1.36	ppb
Zirconium	91-1	484.80	492.26	495.44	490.83	1.11	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01RE	Instrumnet Name :	P8
Client Sample ID :	400416753.0RE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:56:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101.35	101.99	105.72	103.02	2.29	ppb
Antimony	121-1	0.37	0.40	0.39	0.39	3.33	ppb
Arsenic	75-2	0.20	0.21	0.27	0.22	16.90	ppb
Barium	135-1	10.22	9.48	9.65	9.78	3.95	ppb
Barium	137-1	9.83	10.19	9.70	9.91	2.56	ppb
Beryllium	9-1	0.06	0.01	0.03	0.03	64.88	ppb
Bismuth	209-1				135		%
Bismuth	209-2				124		%
Boron	11-1	376.86	453.79	500.34	443.66	14.06	ppb
Boron	10-1	375.33	448.06	495.91	439.76	13.81	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.42	-1.85	-2.28	-1.85		ppb
Cadmium	108-1	0.05	-0.06	0.11	0.03	283.44	ppb
Cadmium	111-1	-0.11	-0.13	-0.15	-0.13		ppb
Calcium	43-1	1402.07	1318.48	1358.80	1359.78	3.07	ppb
Calcium	44-1	1282.59	1281.87	1293.62	1286.03	0.51	ppb
Chromium	52-2	-0.06	0.12	0.12	0.06	178.46	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	69.61	ppb
Copper	63-2	6.01	5.98	5.83	5.94	1.61	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				134		%
Holmium	165-2				123		%
Indium	115-1				131		%
Indium	115-2				119		%
Iron	54-2	55.33	58.98	61.85	58.72	5.57	ppb
Iron	56-2	61.65	60.07	61.23	60.99	1.34	ppb
Iron	57-2	56.39	54.40	63.13	57.97	7.90	ppb
Krypton	83-1						cps
Lead	207-1	0.79	0.76	0.81	0.79	3.02	ppb
Lead	208-1	0.78	0.84	0.82	0.81	3.92	ppb
Lead	206-1	0.79	0.83	0.80	0.81	2.81	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01RE	Instrumnet Name :	P8
Client Sample ID :	400416753.0RE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:56:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				136		%
Magnesium	24-2	446.06	459.50	432.81	446.12	2.99	ppb
Manganese	55-2	3.17	3.20	3.13	3.17	1.08	ppb
Molybdenum	94-1	0.95	1.05	0.90	0.97	7.89	ppb
Molybdenum	95-1	1.21	1.37	1.23	1.27	6.88	ppb
Molybdenum	96-1	1.25	1.09	1.19	1.18	6.87	ppb
Molybdenum	97-1	1.22	1.11	1.03	1.12	8.71	ppb
Molybdenum	98-1	1.35	1.15	1.13	1.21	10.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.15	0.07	95.17	ppb
Phosphorus	31-2	-37.10	4.54	25.70	-2.28		ppb
Potassium	39-2	3502.30	3612.45	3475.82	3530.19	2.05	ppb
Rhodium	103-1				128		%
Rhodium	103-2				120		%
Scandium	45-1				130		%
Scandium	45-2				119		%
Selenium	77-2	-0.68	1.06	1.08	0.49	207.70	ppb
Selenium	78-2	-0.54	-1.71	-0.54	-0.93		ppb
Selenium	82-1	1.02	-0.07	-0.83	0.04	2285.92	ppb
Silicon	28-1	4389.13	4330.64	4223.80	4314.52	1.94	ppb
Silver	109-1	0.04	0.06	0.04	0.05	22.54	ppb
Silver	107-1	0.05	0.05	0.06	0.05	11.58	ppb
Sodium	23-2	100040.14	100312.91	98480.23	99611.09	0.99	ppb
Strontium	86-1	56.07	55.55	56.84	56.15	1.15	ppb
Strontium	88-1	58.39	57.40	57.99	57.93	0.86	ppb
Sulfur	34-1	-8695.43	-8964.26	-9097.89	-8919.19		ppb
Terbium	159-1				133		%
Terbium	159-2				122		%
Thallium	203-1	0.39	0.48	0.44	0.44	10.85	ppb
Thallium	205-1	0.39	0.44	0.39	0.41	6.50	ppb
Tin	118-1	0.20	0.23	0.31	0.25	22.03	ppb
Titanium	47-1	2.58	1.01	2.02	1.87	42.54	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	47.46	ppb
Vanadium	51-2	0.24	0.15	0.20	0.19	23.15	ppb
Yttrium	89-1				129		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01RE	Instrumnet Name :	P8
Client Sample ID :	400416753.0RE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:56:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				118		%
Zinc	66-2	15.17	15.39	16.21	15.59	3.53	ppb
Zirconium	90-1	0.04	0.05	0.11	0.07	54.21	ppb
Zirconium	91-1	0.09	0.16	0.04	0.10	60.55	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:59:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.04	97.96	105.15	101.72	3.55	ppb
Antimony	121-1	0.29	0.38	0.40	0.35	16.11	ppb
Arsenic	75-2	0.27	0.10	0.18	0.18	44.71	ppb
Barium	135-1	9.55	10.21	10.71	10.16	5.69	ppb
Barium	137-1	9.87	9.49	9.60	9.65	2.01	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	49.59	ppb
Bismuth	209-1				134		%
Bismuth	209-2				124		%
Boron	11-1	396.12	483.18	515.73	465.01	13.30	ppb
Boron	10-1	389.00	472.75	506.16	455.97	13.24	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.67	-2.07	-0.98	-1.58		ppb
Cadmium	108-1	-0.01	-0.01	0.11	0.03	216.21	ppb
Cadmium	111-1	-0.12	-0.16	-0.08	-0.12		ppb
Calcium	43-1	1322.71	1283.60	1351.54	1319.28	2.58	ppb
Calcium	44-1	1268.26	1306.36	1285.84	1286.82	1.48	ppb
Chromium	52-2	-0.15	-0.05	-0.11	-0.10		ppb
Cobalt	59-2	0.00	-0.01	0.03	0.01	217.47	ppb
Copper	63-2	5.59	5.39	5.65	5.54	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				132		%
Holmium	165-2				123		%
Indium	115-1				131		%
Indium	115-2				118		%
Iron	54-2	66.09	54.37	58.72	59.73	9.92	ppb
Iron	56-2	57.66	58.17	56.50	57.44	1.48	ppb
Iron	57-2	56.52	55.98	60.45	57.65	4.23	ppb
Krypton	83-1						cps
Lead	207-1	0.64	0.55	0.72	0.63	12.96	ppb
Lead	208-1	0.63	0.62	0.72	0.65	8.60	ppb
Lead	206-1	0.69	0.63	0.66	0.66	4.43	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:59:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				136		%
Magnesium	24-2	435.84	435.27	439.35	436.82	0.51	ppb
Manganese	55-2	3.04	3.12	3.25	3.14	3.49	ppb
Molybdenum	94-1	0.82	0.91	0.87	0.87	5.28	ppb
Molybdenum	95-1	1.14	0.96	1.09	1.06	8.50	ppb
Molybdenum	96-1	1.06	0.91	0.93	0.97	8.36	ppb
Molybdenum	97-1	0.98	1.14	1.14	1.09	8.67	ppb
Molybdenum	98-1	1.14	1.16	1.06	1.12	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	127.63	40.27	17.26	61.72	94.34	ppb
Potassium	39-2	3513.63	3479.19	3444.68	3479.17	0.99	ppb
Rhodium	103-1				128		%
Rhodium	103-2				119		%
Scandium	45-1				128		%
Scandium	45-2				117		%
Selenium	77-2	-0.68	-0.68	2.81	0.48	416.08	ppb
Selenium	78-2	-0.33	0.87	0.19	0.24	243.71	ppb
Selenium	82-1	0.59	0.01	0.85	0.48	89.52	ppb
Silicon	28-1	4234.56	4333.21	4309.74	4292.50	1.20	ppb
Silver	109-1	0.03	0.04	0.04	0.03	20.46	ppb
Silver	107-1	0.04	0.05	0.07	0.05	22.62	ppb
Sodium	23-2	99819.21	98092.16	96834.17	98248.51	1.53	ppb
Strontium	86-1	54.87	55.29	54.84	55.00	0.46	ppb
Strontium	88-1	56.87	56.67	57.39	56.98	0.65	ppb
Sulfur	34-1	-10883.78	-9567.00	-9608.58	-10019.79		ppb
Terbium	159-1				132		%
Terbium	159-2				120		%
Thallium	203-1	0.02	-0.01	0.01	0.01	223.50	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	230.47	ppb
Tin	118-1	0.16	0.15	0.21	0.18	16.72	ppb
Titanium	47-1	0.58	0.59	1.97	1.05	76.46	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	71.51	ppb
Vanadium	51-2	0.25	0.17	0.18	0.20	22.58	ppb
Yttrium	89-1				129		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:59:21	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				118		%
Zinc	66-2	17.17	17.96	17.12	17.42	2.70	ppb
Zirconium	90-1	0.04	0.03	0.11	0.06	76.46	ppb
Zirconium	91-1	0.04	0.04	0.10	0.06	55.56	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01	Instrumnet Name :	P8
Client Sample ID :	400416753.0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.13	100.21	107.34	106.89	6.06	ppb
Antimony	121-1	0.18	0.23	0.25	0.22	16.39	ppb
Arsenic	75-2	0.14	0.20	0.20	0.18	19.23	ppb
Barium	135-1	10.27	8.64	9.90	9.60	8.88	ppb
Barium	137-1	9.54	9.43	9.64	9.54	1.13	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	77.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	11-1	358.17	416.54	460.53	411.75	12.47	ppb
Boron	10-1	356.04	406.12	456.59	406.25	12.38	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.30	-2.65	-3.46	-3.14		ppb
Cadmium	108-1	0.03	-0.12	0.02	-0.02		ppb
Cadmium	111-1	-0.24	-0.19	-0.25	-0.23		ppb
Calcium	43-1	1363.43	1293.61	1322.40	1326.48	2.65	ppb
Calcium	44-1	1320.54	1300.18	1272.07	1297.60	1.88	ppb
Chromium	52-2	0.43	0.60	0.24	0.42	42.35	ppb
Cobalt	59-2	0.03	0.00	0.02	0.02	103.41	ppb
Copper	63-2	5.55	5.33	5.36	5.41	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	54-2	55.08	64.04	59.47	59.53	7.53	ppb
Iron	56-2	61.57	58.39	59.69	59.88	2.67	ppb
Iron	57-2	56.01	70.00	71.69	65.90	13.06	ppb
Krypton	83-1						cps
Lead	207-1	0.55	0.57	0.63	0.58	7.19	ppb
Lead	208-1	0.57	0.59	0.62	0.59	4.87	ppb
Lead	206-1	0.57	0.53	0.65	0.58	10.20	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01	Instrumnet Name :	P8
Client Sample ID :	400416753.0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	428.89	443.77	429.30	433.99	1.95	ppb
Manganese	55-2	3.24	2.98	3.34	3.18	5.77	ppb
Molybdenum	94-1	1.10	0.97	0.91	0.99	9.88	ppb
Molybdenum	95-1	1.13	1.11	1.00	1.08	6.56	ppb
Molybdenum	96-1	0.93	0.96	1.13	1.01	10.98	ppb
Molybdenum	97-1	1.11	1.03	0.96	1.03	7.28	ppb
Molybdenum	98-1	1.07	1.19	1.11	1.12	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.09	0.18	0.11	61.61	ppb
Phosphorus	31-2	25.23	138.21	89.35	84.26	67.24	ppb
Potassium	39-2	3467.14	3418.49	3415.13	3433.59	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	1.51	1.47	1.52	1.50	1.56	ppb
Selenium	78-2	1.10	1.17	-1.25	0.34	408.48	ppb
Selenium	82-1	0.54	0.18	1.60	0.77	95.83	ppb
Silicon	28-1	4263.92	4206.15	4313.38	4261.15	1.26	ppb
Silver	109-1	0.03	0.01	0.04	0.03	55.86	ppb
Silver	107-1	0.03	0.02	0.05	0.04	40.44	ppb
Sodium	23-2	96221.08	96125.54	93659.74	95335.45	1.52	ppb
Strontium	86-1	55.75	56.18	53.60	55.18	2.50	ppb
Strontium	88-1	56.26	55.78	55.90	55.98	0.44	ppb
Sulfur	34-1	-1704.19	-2594.21	-3491.23	-2596.54		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	-0.03	0.00	-0.03	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.27	0.23	0.31	0.27	14.73	ppb
Titanium	47-1	1.87	1.42	15.84	6.38	128.53	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	40.61	ppb
Vanadium	51-2	0.32	0.15	0.17	0.21	43.56	ppb
Yttrium	89-1				101		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01	Instrumnet Name :	P8
Client Sample ID :	400416753.0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	18.51	18.16	19.51	18.72	3.74	ppb
Zirconium	90-1	0.18	0.04	0.11	0.11	66.95	ppb
Zirconium	91-1	0.11	0.09	0.03	0.08	57.12	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUP	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:11:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.31	111.60	103.24	109.05	4.62	ppb
Antimony	121-1	0.21	0.30	0.34	0.28	23.59	ppb
Arsenic	75-2	0.28	0.17	0.26	0.24	23.95	ppb
Barium	135-1	9.44	9.28	9.61	9.44	1.71	ppb
Barium	137-1	9.63	9.72	9.37	9.57	1.90	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	11-1	410.56	459.12	508.07	459.25	10.62	ppb
Boron	10-1	395.44	452.99	505.10	451.18	12.16	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.70	-3.38	-1.78	-2.62		ppb
Cadmium	108-1	0.09	0.23	0.02	0.11	91.39	ppb
Cadmium	111-1	-0.21	-0.25	-0.11	-0.19		ppb
Calcium	43-1	1282.07	1314.37	1334.56	1310.33	2.02	ppb
Calcium	44-1	1252.07	1253.28	1289.19	1264.85	1.67	ppb
Chromium	52-2	0.44	0.49	0.36	0.43	16.16	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	61.77	ppb
Copper	63-2	5.16	5.59	5.53	5.42	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	57.55	65.82	52.50	58.62	11.47	ppb
Iron	56-2	60.61	61.09	57.92	59.87	2.85	ppb
Iron	57-2	62.76	59.77	60.13	60.89	2.67	ppb
Krypton	83-1						cps
Lead	207-1	0.49	0.51	0.50	0.50	1.36	ppb
Lead	208-1	0.51	0.55	0.48	0.51	6.50	ppb
Lead	206-1	0.59	0.59	0.49	0.56	9.96	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUP	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:11:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	437.07	462.13	435.30	444.83	3.37	ppb
Manganese	55-2	3.07	3.33	3.19	3.20	4.21	ppb
Molybdenum	94-1	0.85	1.86	0.92	1.21	46.74	ppb
Molybdenum	95-1	1.14	0.98	1.20	1.11	10.17	ppb
Molybdenum	96-1	1.02	1.05	0.98	1.01	3.51	ppb
Molybdenum	97-1	0.99	1.07	1.15	1.07	7.25	ppb
Molybdenum	98-1	1.06	1.09	1.16	1.10	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.15	0.10	0.12	21.34	ppb
Phosphorus	31-2	74.46	51.90	16.13	47.50	61.93	ppb
Potassium	39-2	3383.66	3623.72	3425.09	3477.49	3.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	1.44	-0.68	1.47	0.74	165.78	ppb
Selenium	78-2	-2.02	-1.15	0.57	-0.87		ppb
Selenium	82-1	2.17	-0.03	-1.06	0.36	456.95	ppb
Silicon	28-1	4155.79	4161.69	4289.02	4202.17	1.79	ppb
Silver	109-1	0.04	0.02	0.03	0.03	38.30	ppb
Silver	107-1	0.03	0.03	0.05	0.04	30.93	ppb
Sodium	23-2	94739.31	100527.84	96636.33	97301.16	3.03	ppb
Strontium	86-1	54.00	55.29	54.70	54.66	1.19	ppb
Strontium	88-1	56.21	55.83	56.91	56.32	0.97	ppb
Sulfur	34-1	-4167.33	-4872.42	-4074.94	-4371.56		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.21	0.27	0.22	0.23	13.06	ppb
Titanium	47-1	2.18	1.99	1.11	1.76	32.39	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	216.94	ppb
Vanadium	51-2	0.20	0.21	0.26	0.22	15.83	ppb
Yttrium	89-1				101		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUP	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:11:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	14.80	15.15	14.81	14.92	1.33	ppb
Zirconium	90-1	0.02	0.07	0.06	0.05	52.54	ppb
Zirconium	91-1	0.06	0.19	0.23	0.16	55.84	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01LX5	Instrumnet Name :	P8
Client Sample ID :	400416753.0L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-29 15:14:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.66	15.60	27.08	20.45	29.07	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	18.96	ppb
Arsenic	75-2	0.00	0.04	0.04	0.02	94.72	ppb
Barium	135-1	1.83	2.11	1.88	1.94	7.70	ppb
Barium	137-1	2.13	1.77	1.77	1.89	11.08	ppb
Beryllium	9-1	-0.03	0.00	0.01	-0.01		ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	11-1	166.89	172.96	178.02	172.62	3.23	ppb
Boron	10-1	163.21	172.94	172.91	169.69	3.31	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.30	0.02	-2.84	-1.71		ppb
Cadmium	108-1	0.16	-0.12	-0.05	0.00		ppb
Cadmium	111-1	-0.17	-0.01	-0.16	-0.12		ppb
Calcium	43-1	248.87	267.38	269.30	261.85	4.31	ppb
Calcium	44-1	183.11	185.56	199.61	189.43	4.70	ppb
Chromium	52-2	-0.03	-0.04	0.16	0.03	360.90	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	1.25	1.29	1.31	1.28	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	8.67	10.97	11.90	10.51	15.81	ppb
Iron	56-2	11.45	12.01	13.40	12.29	8.15	ppb
Iron	57-2	10.21	8.45	11.53	10.06	15.40	ppb
Krypton	83-1						cps
Lead	207-1	0.05	0.04	0.04	0.05	17.11	ppb
Lead	208-1	0.04	0.04	0.04	0.04	9.50	ppb
Lead	206-1	0.09	0.08	0.03	0.07	42.32	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01LX5	Instrumnet Name :	P8
Client Sample ID :	400416753.0L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-29 15:14:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	94.43	80.70	98.19	91.10	10.11	ppb
Manganese	55-2	0.59	0.69	0.58	0.62	10.19	ppb
Molybdenum	94-1	0.17	0.12	0.17	0.15	20.98	ppb
Molybdenum	95-1	0.27	0.29	0.23	0.26	12.88	ppb
Molybdenum	96-1	0.18	0.19	0.21	0.19	9.66	ppb
Molybdenum	97-1	0.24	0.18	0.17	0.20	18.75	ppb
Molybdenum	98-1	0.22	0.19	0.18	0.20	10.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-46.28	-68.46	-51.87	-55.54		ppb
Potassium	39-2	671.96	658.53	779.09	703.20	9.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-0.68	-0.68	-0.68	-0.68		ppb
Selenium	78-2	-1.01	-0.36	0.89	-0.16		ppb
Selenium	82-1	0.53	0.21	0.99	0.58	68.40	ppb
Silicon	28-1	802.12	841.78	847.11	830.33	2.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.59	ppb
Silver	107-1	0.02	0.01	0.03	0.02	31.66	ppb
Sodium	23-2	19902.64	19421.14	21689.31	20337.69	5.88	ppb
Strontium	86-1	11.35	10.88	11.00	11.08	2.22	ppb
Strontium	88-1	11.44	11.23	11.79	11.49	2.46	ppb
Sulfur	34-1	-7596.41	-7437.08	-6463.27	-7165.59		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.02	0.04	-0.02	0.01	219.14	ppb
Titanium	47-1	-0.13	0.09	0.82	0.26	194.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	546.52	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	17.78	ppb
Yttrium	89-1				106		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01LX5	Instrumnet Name :	P8
Client Sample ID :	400416753.0L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-29 15:14:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	3.19	3.22	3.53	3.31	5.60	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.04	0.00	-0.04	-0.02		ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MS	Instrumnet Name :	P8
Client Sample ID :	400416753.0MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:16:57	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1894.44	1866.46	1835.09	1865.33	1.59	ppb
Antimony	121-1	726.39	715.54	724.55	722.16	0.80	ppb
Arsenic	75-2	756.12	736.86	736.90	743.30	1.49	ppb
Barium	135-1	199.77	202.38	204.43	202.19	1.15	ppb
Barium	137-1	197.71	200.36	201.74	199.94	1.02	ppb
Beryllium	9-1	168.33	169.26	168.80	168.80	0.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	11-1	536.77	637.61	709.82	628.07	13.84	ppb
Boron	10-1	532.22	623.17	696.70	617.36	13.35	ppb
Bromine	81-1						cps
Cadmium	106-1	149.65	149.70	153.40	150.92	1.43	ppb
Cadmium	108-1	158.40	161.53	163.76	161.23	1.67	ppb
Cadmium	111-1	171.98	175.66	178.56	175.40	1.88	ppb
Calcium	43-1	2339.66	2344.89	2440.73	2375.10	2.40	ppb
Calcium	44-1	2299.04	2298.35	2387.85	2328.42	2.21	ppb
Chromium	52-2	374.01	368.38	366.68	369.69	1.04	ppb
Cobalt	59-2	191.16	189.19	188.18	189.51	0.80	ppb
Copper	63-2	301.23	295.82	293.10	296.72	1.40	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				98		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	3226.40	3221.29	3151.85	3199.85	1.30	ppb
Iron	56-2	3018.85	2989.89	2963.03	2990.59	0.93	ppb
Iron	57-2	2969.21	2895.10	2903.96	2922.76	1.38	ppb
Krypton	83-1						cps
Lead	207-1	880.20	887.74	889.35	885.76	0.55	ppb
Lead	208-1	905.86	918.25	912.18	912.10	0.68	ppb
Lead	206-1	908.52	926.00	913.87	916.13	0.98	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MS	Instrumnet Name :	P8
Client Sample ID :	400416753.0MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:16:57	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	2322.93	2276.42	2233.97	2277.77	1.95	ppb
Manganese	55-2	198.74	192.08	192.53	194.45	1.92	ppb
Molybdenum	94-1	261.35	267.87	265.04	264.76	1.23	ppb
Molybdenum	95-1	371.26	381.77	374.50	375.84	1.43	ppb
Molybdenum	96-1	358.52	367.69	364.34	363.52	1.28	ppb
Molybdenum	97-1	374.42	383.13	379.77	379.11	1.16	ppb
Molybdenum	98-1	368.29	379.57	375.11	374.32	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.66	476.13	476.05	477.61	0.55	ppb
Phosphorus	31-2	5534.63	5717.93	5476.90	5576.49	2.26	ppb
Potassium	39-2	12726.37	12538.91	12702.19	12655.83	0.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	1895.84	1794.89	1836.82	1842.52	2.75	ppb
Selenium	78-2	1912.74	1814.02	1830.81	1852.53	2.85	ppb
Selenium	82-1	1826.90	1858.41	1846.79	1844.03	0.86	ppb
Silicon	28-1	4993.53	4945.64	5157.52	5032.23	2.21	ppb
Silver	109-1	63.60	65.12	65.79	64.84	1.73	ppb
Silver	107-1	63.22	64.51	65.35	64.36	1.67	ppb
Sodium	23-2	100155.59	96884.24	95751.46	97597.10	2.34	ppb
Strontium	86-1	235.16	238.04	236.55	236.59	0.61	ppb
Strontium	88-1	238.78	245.88	239.20	241.29	1.65	ppb
Sulfur	34-1	-4628.31	-5137.85	-3304.63	-4356.93		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	1810.43	1805.85	1807.50	1807.93	0.13	ppb
Thallium	205-1	1823.76	1795.53	1809.53	1809.60	0.78	ppb
Tin	118-1	646.50	651.96	658.50	652.32	0.92	ppb
Titanium	47-1	196.25	183.93	197.06	192.41	3.82	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	19.62	ppb
Vanadium	51-2	283.83	279.77	277.78	280.46	1.10	ppb
Yttrium	89-1				102		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MS	Instrumnet Name :	P8
Client Sample ID :	400416753.0MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:16:57	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	209.86	207.90	208.47	208.74	0.48	ppb
Zirconium	90-1	0.23	0.22	0.29	0.25	15.40	ppb
Zirconium	91-1	0.42	0.39	0.29	0.37	18.10	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MSD	Instrumnet Name :	P8
Client Sample ID :	400416753.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:19:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1848.30	1904.79	1843.46	1865.52	1.83	ppb
Antimony	121-1	719.90	711.78	710.99	714.22	0.69	ppb
Arsenic	75-2	745.53	746.53	748.92	747.00	0.23	ppb
Barium	135-1	200.34	201.12	204.36	201.94	1.05	ppb
Barium	137-1	198.91	199.88	202.24	200.34	0.85	ppb
Beryllium	9-1	164.94	169.69	165.50	166.71	1.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	11-1	595.54	692.59	745.13	677.75	11.20	ppb
Boron	10-1	593.44	682.81	732.34	669.53	10.51	ppb
Bromine	81-1						cps
Cadmium	106-1	152.78	155.46	157.07	155.10	1.40	ppb
Cadmium	108-1	162.15	160.02	167.04	163.07	2.21	ppb
Cadmium	111-1	175.70	175.29	177.71	176.23	0.73	ppb
Calcium	43-1	2438.73	2477.60	2543.30	2486.54	2.13	ppb
Calcium	44-1	2285.76	2307.03	2356.04	2316.28	1.56	ppb
Chromium	52-2	377.10	378.39	374.39	376.63	0.54	ppb
Cobalt	59-2	191.96	193.41	192.55	192.64	0.38	ppb
Copper	63-2	301.54	302.79	302.00	302.11	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	3217.12	3252.89	3254.74	3241.58	0.65	ppb
Iron	56-2	2966.16	2996.70	2973.89	2978.92	0.53	ppb
Iron	57-2	2957.38	2964.16	2891.11	2937.55	1.37	ppb
Krypton	83-1						cps
Lead	207-1	892.42	897.71	900.55	896.89	0.46	ppb
Lead	208-1	913.98	922.08	931.66	922.57	0.96	ppb
Lead	206-1	920.02	912.32	920.89	917.74	0.51	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MSD	Instrumnet Name :	P8
Client Sample ID :	400416753.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:19:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	2303.49	2312.92	2257.90	2291.44	1.28	ppb
Manganese	55-2	193.81	193.60	194.67	194.03	0.29	ppb
Molybdenum	94-1	257.87	265.98	262.34	262.07	1.55	ppb
Molybdenum	95-1	371.04	383.12	379.24	377.80	1.63	ppb
Molybdenum	96-1	354.31	368.28	364.83	362.47	2.01	ppb
Molybdenum	97-1	370.51	382.47	379.13	377.37	1.64	ppb
Molybdenum	98-1	371.11	378.66	379.99	376.59	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.72	488.68	480.00	482.46	1.12	ppb
Phosphorus	31-2	5647.71	5857.58	5727.59	5744.29	1.84	ppb
Potassium	39-2	12650.55	12908.52	12690.51	12749.86	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	1829.25	1839.29	1822.24	1830.26	0.47	ppb
Selenium	78-2	1871.66	1861.04	1849.04	1860.58	0.61	ppb
Selenium	82-1	1816.62	1856.80	1863.38	1845.60	1.37	ppb
Silicon	28-1	5028.61	5164.39	5333.47	5175.49	2.95	ppb
Silver	109-1	64.53	62.64	64.76	63.98	1.82	ppb
Silver	107-1	63.95	63.75	64.19	63.96	0.35	ppb
Sodium	23-2	98526.25	99253.54	98031.68	98603.82	0.62	ppb
Strontium	86-1	233.12	240.30	238.19	237.20	1.56	ppb
Strontium	88-1	238.59	248.38	244.67	243.88	2.03	ppb
Sulfur	34-1	-5414.72	-5339.45	-5920.36	-5558.17		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	1822.71	1826.22	1827.48	1825.47	0.14	ppb
Thallium	205-1	1827.96	1808.04	1823.49	1819.83	0.57	ppb
Tin	118-1	648.07	648.36	658.01	651.48	0.87	ppb
Titanium	47-1	188.13	195.11	195.21	192.82	2.10	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	22.45	ppb
Vanadium	51-2	283.42	282.12	285.03	283.52	0.52	ppb
Yttrium	89-1				103		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MSD	Instrumnet Name :	P8
Client Sample ID :	400416753.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:19:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	210.48	210.86	206.62	209.32	1.12	ppb
Zirconium	90-1	0.18	0.16	0.18	0.17	6.60	ppb
Zirconium	91-1	0.29	0.29	0.43	0.34	23.77	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01A	Instrumnet Name :	P8
Client Sample ID :	400416753.0A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:22:35	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1846.05	1832.27	1832.98	1837.10	0.42	ppb
Antimony	121-1	711.04	691.50	700.53	701.02	1.39	ppb
Arsenic	75-2	745.33	743.47	744.77	744.52	0.13	ppb
Barium	135-1	196.41	197.24	198.78	197.48	0.61	ppb
Barium	137-1	197.30	195.85	200.01	197.72	1.07	ppb
Beryllium	9-1	160.99	165.32	166.31	164.21	1.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	615.92	711.28	777.11	701.44	11.55	ppb
Boron	10-1	604.33	706.06	762.37	690.92	11.59	ppb
Bromine	81-1						cps
Cadmium	106-1	153.90	148.99	154.22	152.37	1.92	ppb
Cadmium	108-1	164.14	158.31	159.39	160.62	1.93	ppb
Cadmium	111-1	171.23	174.24	173.42	172.97	0.90	ppb
Calcium	43-1	2336.40	2345.83	2357.22	2346.48	0.44	ppb
Calcium	44-1	2234.43	2312.71	2294.64	2280.60	1.80	ppb
Chromium	52-2	370.54	370.72	370.99	370.75	0.06	ppb
Cobalt	59-2	190.11	187.37	189.66	189.05	0.78	ppb
Copper	63-2	298.60	292.23	298.79	296.54	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	3234.50	3165.74	3207.17	3202.47	1.08	ppb
Iron	56-2	2935.67	2910.13	2927.27	2924.36	0.45	ppb
Iron	57-2	2934.15	2898.55	2900.09	2910.93	0.69	ppb
Krypton	83-1						cps
Lead	207-1	896.27	898.33	883.95	892.85	0.87	ppb
Lead	208-1	927.50	914.74	908.60	916.95	1.05	ppb
Lead	206-1	921.03	913.08	904.73	912.95	0.89	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01A	Instrumnet Name :	P8
Client Sample ID :	400416753.0A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:22:35	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	2273.69	2234.01	2257.68	2255.13	0.89	ppb
Manganese	55-2	194.88	191.36	195.15	193.80	1.09	ppb
Molybdenum	94-1	263.01	262.84	263.69	263.18	0.17	ppb
Molybdenum	95-1	372.94	376.93	377.81	375.89	0.69	ppb
Molybdenum	96-1	357.77	360.93	360.99	359.90	0.51	ppb
Molybdenum	97-1	368.27	377.76	381.49	375.84	1.81	ppb
Molybdenum	98-1	372.22	374.45	379.06	375.25	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.50	473.18	480.29	477.66	0.82	ppb
Phosphorus	31-2	5554.99	5288.82	5496.35	5446.72	2.57	ppb
Potassium	39-2	12543.23	12283.88	12576.13	12467.75	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	1734.94	1769.98	1807.50	1770.81	2.05	ppb
Selenium	78-2	1862.15	1812.32	1835.11	1836.53	1.36	ppb
Selenium	82-1	1824.65	1842.59	1839.28	1835.51	0.52	ppb
Silicon	28-1	4996.17	5183.83	5075.24	5085.08	1.85	ppb
Silver	109-1	63.43	63.35	63.44	63.40	0.08	ppb
Silver	107-1	63.98	64.15	64.74	64.29	0.62	ppb
Sodium	23-2	95519.33	96182.13	95937.54	95879.67	0.35	ppb
Strontium	86-1	236.54	235.72	234.91	235.73	0.35	ppb
Strontium	88-1	242.07	238.65	240.83	240.51	0.72	ppb
Sulfur	34-1	-6893.65	-6469.64	-7276.08	-6879.79		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	1808.70	1813.58	1824.77	1815.68	0.45	ppb
Thallium	205-1	1794.19	1806.52	1797.80	1799.50	0.35	ppb
Tin	118-1	640.11	642.94	648.30	643.78	0.65	ppb
Titanium	47-1	188.26	193.68	190.03	190.66	1.45	ppb
Uranium	238-1	0.01	0.02	0.02	0.01	41.54	ppb
Vanadium	51-2	282.18	278.55	279.64	280.12	0.67	ppb
Yttrium	89-1				104		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01A	Instrumnet Name :	P8
Client Sample ID :	400416753.0A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:22:35	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	209.18	205.93	208.79	207.97	0.85	ppb
Zirconium	90-1	0.13	0.24	0.18	0.18	31.14	ppb
Zirconium	91-1	0.33	0.46	0.46	0.42	17.69	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:31:57	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50335.56	50240.68	49681.42	50085.89	0.71	ppb
Antimony	121-1	494.45	485.00	509.39	496.28	2.48	ppb
Arsenic	75-2	506.08	506.50	503.58	505.38	0.31	ppb
Barium	135-1	2525.89	2528.02	2591.72	2548.54	1.47	ppb
Barium	137-1	2562.65	2500.21	2552.53	2538.47	1.32	ppb
Beryllium	9-1	520.13	513.14	507.37	513.55	1.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	11-1	462.72	523.22	564.48	516.81	9.90	ppb
Boron	10-1	465.20	528.85	561.52	518.52	9.45	ppb
Bromine	81-1						cps
Cadmium	106-1	477.54	504.80	487.53	489.95	2.81	ppb
Cadmium	108-1	484.50	485.56	499.42	489.83	1.70	ppb
Cadmium	111-1	484.15	491.38	499.95	491.83	1.61	ppb
Calcium	43-1	246272.60	246087.59	249170.14	247176.78	0.70	ppb
Calcium	44-1	242898.35	247159.64	245431.55	245163.18	0.87	ppb
Chromium	52-2	512.68	515.26	506.99	511.64	0.83	ppb
Cobalt	59-2	501.26	496.74	491.74	496.58	0.96	ppb
Copper	63-2	4899.37	4909.81	4872.49	4893.89	0.39	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				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	120392.86	119208.69	117920.86	119174.14	1.04	ppb
Iron	56-2	120405.27	118712.36	118179.54	119099.06	0.98	ppb
Iron	57-2	122101.74	120281.27	116961.68	119781.56	2.18	ppb
Krypton	83-1						cps
Lead	207-1	2538.69	2532.86	2561.23	2544.26	0.59	ppb
Lead	208-1	2504.36	2514.00	2543.57	2520.64	0.81	ppb
Lead	206-1	2500.44	2531.18	2542.31	2524.64	0.86	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:31:57	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	247019.49	244954.04	237671.11	243214.88	2.02	ppb
Manganese	55-2	5196.69	5108.71	5070.18	5125.20	1.27	ppb
Molybdenum	94-1	2530.95	2535.51	2517.66	2528.04	0.37	ppb
Molybdenum	95-1	2532.67	2485.76	2531.74	2516.72	1.07	ppb
Molybdenum	96-1	2513.11	2526.38	2498.19	2512.56	0.56	ppb
Molybdenum	97-1	2554.68	2523.58	2533.99	2537.42	0.62	ppb
Molybdenum	98-1	2517.45	2501.48	2514.02	2510.98	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.99	509.34	502.97	505.43	0.68	ppb
Phosphorus	31-2	10458.64	9887.89	9850.42	10065.65	3.39	ppb
Potassium	39-2	120265.54	121721.24	120307.36	120764.71	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	504.14	566.92	465.39	512.15	10.00	ppb
Selenium	78-2	501.95	500.43	499.12	500.50	0.28	ppb
Selenium	82-1	490.28	493.99	488.39	490.89	0.58	ppb
Silicon	28-1	588.44	660.68	685.83	644.98	7.84	ppb
Silver	109-1	522.73	519.41	535.22	525.79	1.59	ppb
Silver	107-1	520.96	515.06	531.08	522.37	1.55	ppb
Sodium	23-2	245388.62	244095.92	238540.12	242674.89	1.50	ppb
Strontium	86-1	493.29	490.55	493.94	492.59	0.36	ppb
Strontium	88-1	497.90	503.47	500.54	500.64	0.56	ppb
Sulfur	34-1	7912.12	9026.22	8667.31	8535.22	6.66	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	495.99	502.51	504.19	500.90	0.86	ppb
Thallium	205-1	502.52	516.03	526.90	515.15	2.37	ppb
Tin	118-1	489.09	482.65	503.36	491.70	2.15	ppb
Titanium	47-1	2467.86	2556.67	2527.64	2517.39	1.80	ppb
Uranium	238-1	487.93	493.35	502.70	494.66	1.51	ppb
Vanadium	51-2	510.35	509.84	501.05	507.08	1.03	ppb
Yttrium	89-1				103		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:31:57	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	4811.84	4770.89	4762.13	4781.62	0.55	ppb
Zirconium	90-1	497.83	507.25	503.26	502.78	0.94	ppb
Zirconium	91-1	489.23	494.15	497.12	493.50	0.81	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:36:42	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	1.22	0.52	0.81	44.20	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	6.84	ppb
Arsenic	75-2	0.00	0.01	0.04	0.02	140.98	ppb
Barium	135-1	-0.05	0.00	-0.01	-0.02		ppb
Barium	137-1	-0.02	0.05	0.04	0.02	142.96	ppb
Beryllium	9-1	0.05	0.02	0.05	0.04	41.12	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	11-1	74.79	65.84	63.03	67.89	9.05	ppb
Boron	10-1	76.74	64.67	65.25	68.89	9.88	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.86	-4.13	-3.39	-2.79		ppb
Cadmium	108-1	-0.04	0.10	0.17	0.07	141.99	ppb
Cadmium	111-1	-0.07	-0.30	-0.25	-0.21		ppb
Calcium	43-1	-8.68	-29.39	-10.34	-16.14		ppb
Calcium	44-1	-70.30	-81.13	-81.32	-77.59		ppb
Chromium	52-2	-0.01	0.06	0.09	0.04	119.07	ppb
Cobalt	59-2	0.00	0.00	-0.02	0.00		ppb
Copper	63-2	0.52	0.48	0.51	0.50	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	-0.19	1.10	-3.36	-0.82		ppb
Iron	56-2	0.63	0.95	0.91	0.83	20.74	ppb
Iron	57-2	1.33	-0.56	0.08	0.29	337.05	ppb
Krypton	83-1						cps
Lead	207-1	0.40	0.35	0.22	0.32	28.20	ppb
Lead	208-1	0.37	0.31	0.27	0.32	15.58	ppb
Lead	206-1	0.37	0.28	0.25	0.30	21.87	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:36:42	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	1.54	3.10	1.24	1.96	50.74	ppb
Manganese	55-2	0.06	0.02	0.06	0.05	45.29	ppb
Molybdenum	94-1	0.02	0.08	0.08	0.06	57.98	ppb
Molybdenum	95-1	0.10	0.05	0.03	0.06	57.58	ppb
Molybdenum	96-1	0.12	0.01	0.00	0.04	155.05	ppb
Molybdenum	97-1	0.13	-0.02	-0.03	0.02	362.38	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.07	21.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.04	-0.06	-0.02		ppb
Phosphorus	31-2	-20.99	35.80	-13.64	0.39	7909.05	ppb
Potassium	39-2	-20.61	-3.42	-20.78	-14.94		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	-0.68	-0.68	3.59	0.75	330.72	ppb
Selenium	78-2	0.70	-0.47	0.53	0.25	252.07	ppb
Selenium	82-1	0.36	-0.58	1.23	0.34	269.54	ppb
Silicon	28-1	-19.59	-36.77	-50.35	-35.57		ppb
Silver	109-1	0.01	0.02	0.02	0.02	38.22	ppb
Silver	107-1	0.03	0.02	0.02	0.02	28.20	ppb
Sodium	23-2	36.51	38.38	34.95	36.61	4.69	ppb
Strontium	86-1	0.05	0.03	-0.11	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	78.65	ppb
Sulfur	34-1	1342.36	-1148.80	-2073.62	-626.69		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.08	0.07	0.08	7.56	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	11.08	ppb
Tin	118-1	-0.04	0.03	0.01	0.00	6458.96	ppb
Titanium	47-1	0.26	-0.04	-0.04	0.06	295.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	331.88	ppb
Vanadium	51-2	-0.01	-0.04	-0.02	-0.02		ppb
Yttrium	89-1				98		%

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:36:42	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.04	0.37	0.14	0.18	94.57	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	5921.82	ppb

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:49:25	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322	316	390	343	12.00	cps
Antimony	121-1	17	50	33	33	50.00	cps
Arsenic	75-2	6	1	9	5	75.78	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	42	83	58	61	34.32	cps
Beryllium	9-1	34	34	48	39	20.91	cps
Bismuth	209-1	2052867	2059453	1773797	1962039	8.31	cps
Bismuth	209-2	1279213	1266814	1276511	1274179	0.51	cps
Boron	11-1	554	620	596	590	5.66	cps
Boron	10-1	100	140	130	123	16.88	cps
Bromine	81-1	2132	2192	1972	2099	5.42	cps
Cadmium	106-1	1217	1325	1067	1203	10.79	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Cadmium	111-1	870	945	747	854	11.73	cps
Calcium	43-1	567	725	600	631	13.24	cps
Calcium	44-1	38043	38026	37666	37912	0.56	cps
Chromium	52-2	1203	1177	1193	1191	1.13	cps
Cobalt	59-2	57	33	40	43	27.74	cps
Copper	63-2	467	477	507	483	4.31	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	23	23	3	17	69.30	cps
Holmium	165-1	3222440	3292843	2947695	3154326	5.78	cps
Holmium	165-2	1765982	1739669	1697963	1734538	1.98	cps
Indium	115-1	3135531	3192403	2829829	3052588	6.39	cps
Indium	115-2	535748	526166	534820	532245	0.99	cps
Iron	54-2	444	456	444	448	1.43	cps
Iron	56-2	2978	2806	3067	2950	4.50	cps
Iron	57-2	106	161	94	120	29.67	cps
Krypton	83-1	470	467	437	458	4.01	cps
Lead	207-1	333	444	444	407	15.75	cps
Lead	208-1	1778	1939	1939	1885	4.93	cps
Lead	206-1	444	428	472	448	5.01	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:49:25	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	968357	1000346	895116	954607	5.65	cps
Magnesium	24-2	233	275	250	253	8.30	cps
Manganese	55-2	97	123	73	98	25.59	cps
Molybdenum	94-1	58	75	92	75	22.22	cps
Molybdenum	95-1	8	8	0	6	86.60	cps
Molybdenum	96-1	208	233	167	203	16.61	cps
Molybdenum	97-1	33	33	67	44	43.31	cps
Molybdenum	98-1	17	17	17	17	0.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	143	137	137	4.88	cps
Phosphorus	31-2	200	175	150	175	14.29	cps
Potassium	39-2	19797	18796	18220	18938	4.21	cps
Rhodium	103-1	3129887	3185182	2843907	3052992	6.00	cps
Rhodium	103-2	1632402	1581842	1608132	1607458	1.57	cps
Scandium	45-1	2309956	2310698	2047056	2222570	6.84	cps
Scandium	45-2	73450	73805	73624	73626	0.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	28	33	35	22.03	cps
Selenium	82-1	-71	-89	-34	-65	-43.09	cps
Silicon	28-1	608390	604996	620289	611225	1.31	cps
Silver	109-1	42	25	17	28	45.82	cps
Silver	107-1	17	25	17	19	24.73	cps
Sodium	23-2	14875	15734	15333	15314	2.81	cps
Strontium	86-1	575	650	692	639	9.25	cps
Strontium	88-1	125	150	108	128	16.41	cps
Sulfur	34-1	549798	557542	554061	553800	0.70	cps
Terbium	159-1	3491725	3517789	3142630	3384048	6.19	cps
Terbium	159-2	1724939	1734855	1731356	1730383	0.29	cps
Thallium	203-1	75	83	208	122	61.11	cps
Thallium	205-1	217	250	225	231	7.52	cps
Tin	118-1	333	400	300	344	14.78	cps
Titanium	47-1	683	583	667	644	8.31	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	27	33	20	27	24.99	cps
Yttrium	89-1	4792208	4899293	4326424	4672642	6.52	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:49:25	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	565742	554180	565519	561813	1.18	cps
Zinc	66-2	107	97	90	98	8.58	cps
Zirconium	90-1	375	258	250	294	23.74	cps
Zirconium	91-1	42	83	92	72	37.09	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:55:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	734	748	698	727	3.55	cps
Antimony	121-1	6777	6377	6343	6499	3.71	cps
Arsenic	75-2	159	137	131	142	10.36	cps
Barium	135-1	6752	6877	6310	6646	4.48	cps
Barium	137-1	11489	10838	11047	11124	2.99	cps
Beryllium	9-1	788	808	864	820	4.80	cps
Bismuth	209-1	2040857	2012024	1956516	2003132	2.14	cps
Bismuth	209-2	1298747	1280619	1270607	1283324	1.11	cps
Boron	11-1	7038	7943	8429	7803	9.04	cps
Boron	10-1	1450	1736	1802	1662	11.25	cps
Bromine	81-1	2172	2142	1992	2102	4.59	cps
Cadmium	106-1	1225	1425	1308	1320	7.61	cps
Cadmium	108-1	58	63	50	57	11.18	cps
Cadmium	111-1	1579	1804	1718	1701	6.67	cps
Calcium	43-1	5368	4659	5276	5101	7.56	cps
Calcium	44-1	111480	111615	109968	111021	0.82	cps
Chromium	52-2	3047	2884	2880	2937	3.24	cps
Cobalt	59-2	1603	1663	1567	1611	3.03	cps
Copper	63-2	3174	3130	3140	3148	0.72	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	13	10	33	19	66.81	cps
Holmium	165-1	3223161	3265031	3186157	3224783	1.22	cps
Holmium	165-2	1776001	1756152	1730998	1754384	1.29	cps
Indium	115-1	3206439	3227281	3130245	3187988	1.60	cps
Indium	115-2	540022	537173	541585	539593	0.41	cps
Iron	54-2	2422	2345	2556	2441	4.37	cps
Iron	56-2	41026	39911	40318	40419	1.40	cps
Iron	57-2	972	1045	989	1002	3.77	cps
Krypton	83-1	410	480	453	448	7.89	cps
Lead	207-1	1889	1795	1900	1861	3.12	cps
Lead	208-1	8762	8896	8724	8794	1.03	cps
Lead	206-1	2256	2322	2150	2243	3.87	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:55:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	981077	991525	954368	975656	1.96	cps
Magnesium	24-2	28003	28120	27919	28014	0.36	cps
Manganese	55-2	600	593	477	557	12.46	cps
Molybdenum	94-1	6443	6135	6102	6227	3.03	cps
Molybdenum	95-1	8028	8169	8086	8094	0.88	cps
Molybdenum	96-1	8945	8928	8845	8906	0.60	cps
Molybdenum	97-1	5118	5260	5059	5146	2.00	cps
Molybdenum	98-1	12765	13073	12790	12876	1.33	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	730	617	587	644	11.73	cps
Phosphorus	31-2	250	225	200	225	11.11	cps
Potassium	39-2	40240	39814	40633	40229	1.02	cps
Rhodium	103-1	3198341	3177121	3144604	3173355	0.85	cps
Rhodium	103-2	1647273	1647450	1588092	1627605	2.10	cps
Scandium	45-1	2334943	2289617	2266730	2297097	1.51	cps
Scandium	45-2	75024	73942	72773	73913	1.52	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	66	51	57	58	13.01	cps
Selenium	82-1	246	185	169	200	20.18	cps
Silicon	28-1	625305	627733	621614	624884	0.49	cps
Silver	109-1	3876	3701	3801	3792	2.32	cps
Silver	107-1	4176	3734	4209	4040	6.57	cps
Sodium	23-2	69867	69675	69273	69605	0.44	cps
Strontium	86-1	1783	1575	1408	1589	11.83	cps
Strontium	88-1	8778	8186	7811	8258	5.90	cps
Sulfur	34-1	550514	545484	551190	549063	0.57	cps
Terbium	159-1	3502310	3536621	3460042	3499658	1.10	cps
Terbium	159-2	1765104	1719446	1725314	1736621	1.43	cps
Thallium	203-1	2159	1992	1984	2045	4.83	cps
Thallium	205-1	5493	5068	5326	5296	4.05	cps
Tin	118-1	11839	12022	11597	11819	1.80	cps
Titanium	47-1	3234	2700	2842	2925	9.45	cps
Uranium	238-1	5927	6777	6143	6282	7.03	cps
Vanadium	51-2	3901	3734	3851	3828	2.23	cps
Yttrium	89-1	4823649	4852997	4771203	4815950	0.86	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:55:40	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	573403	564390	567836	568543	0.80	cps
Zinc	66-2	460	480	520	487	6.28	cps
Zirconium	90-1	5101	4984	5209	5098	2.21	cps
Zirconium	91-1	1167	1350	1050	1189	12.72	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:58:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20112	20012	19890	20004	0.56	cps
Antimony	121-1	175777	176868	178234	176960	0.70	cps
Arsenic	75-2	6482	6444	6351	6426	1.05	cps
Barium	135-1	172209	174597	173888	173565	0.71	cps
Barium	137-1	297444	297640	298730	297938	0.23	cps
Beryllium	9-1	40279	40611	40501	40464	0.42	cps
Bismuth	209-1	2058750	1921363	2062620	2014244	3.99	cps
Bismuth	209-2	1290064	1295418	1300915	1295466	0.42	cps
Boron	11-1	13952	15263	16544	15253	8.50	cps
Boron	10-1	2862	3262	3604	3242	11.45	cps
Bromine	81-1	1862	1932	2012	1935	3.88	cps
Cadmium	106-1	5743	5601	5476	5607	2.38	cps
Cadmium	108-1	2996	2946	3138	3027	3.29	cps
Cadmium	111-1	42077	41206	41440	41575	1.08	cps
Calcium	43-1	50171	51317	50599	50696	1.14	cps
Calcium	44-1	845255	843521	858301	849026	0.95	cps
Chromium	52-2	50168	50556	47790	49504	3.03	cps
Cobalt	59-2	88647	89183	88476	88769	0.42	cps
Copper	63-2	686505	688866	679010	684794	0.75	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	0	10	17	9	94.38	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	10	33	13	19	66.81	cps
Holmium	165-1	3293005	3145512	3319789	3252769	2.89	cps
Holmium	165-2	1775656	1771694	1779707	1775685	0.23	cps
Indium	115-1	3197652	3052239	3162023	3137305	2.42	cps
Indium	115-2	540597	541802	541107	541169	0.11	cps
Iron	54-2	104551	106180	103409	104714	1.33	cps
Iron	56-2	1918573	1908962	1933466	1920333	0.64	cps
Iron	57-2	47262	47730	47111	47367	0.68	cps
Krypton	83-1	407	447	463	439	6.64	cps
Lead	207-1	407170	414814	413209	411731	0.98	cps
Lead	208-1	1857204	1854174	1869026	1860135	0.42	cps
Lead	206-1	453839	458884	461289	458004	0.83	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:58:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1007252	953460	1011930	990881	3.28	cps
Magnesium	24-2	301251	297686	301386	300108	0.70	cps
Manganese	55-2	223140	224139	222141	223140	0.45	cps
Molybdenum	94-1	339649	338268	335769	337895	0.58	cps
Molybdenum	95-1	413067	415451	409424	412647	0.74	cps
Molybdenum	96-1	461788	459940	460613	460780	0.20	cps
Molybdenum	97-1	255172	250023	256708	253968	1.38	cps
Molybdenum	98-1	651581	655779	655825	654395	0.37	cps
Neodymium	150-1	7	0	33	13	132.27	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	24307	24581	24247	24379	0.73	cps
Phosphorus	31-2	1308	1408	1467	1395	5.74	cps
Potassium	39-2	131049	133346	131455	131950	0.93	cps
Rhodium	103-1	3265086	3039246	3204167	3169500	3.69	cps
Rhodium	103-2	1602988	1629819	1616326	1616378	0.83	cps
Scandium	45-1	2364255	2211059	2345176	2306830	3.62	cps
Scandium	45-2	73510	73982	74327	73940	0.55	cps
Selenium	77-2	83	83	87	84	2.28	cps
Selenium	78-2	285	367	355	336	13.19	cps
Selenium	82-1	2875	2794	2625	2765	4.63	cps
Silicon	28-1	728962	723282	735468	729237	0.84	cps
Silver	109-1	195185	197458	197568	196737	0.68	cps
Silver	107-1	207568	203155	204980	205234	1.08	cps
Sodium	23-2	593183	599131	595720	596012	0.50	cps
Strontium	86-1	51587	50977	54088	52217	3.16	cps
Strontium	88-1	444302	446290	443143	444578	0.36	cps
Sulfur	34-1	561872	561433	557091	560132	0.47	cps
Terbium	159-1	3514853	3343224	3541406	3466494	3.10	cps
Terbium	159-2	1779324	1744136	1779407	1767622	1.15	cps
Thallium	203-1	112553	115014	113376	113648	1.10	cps
Thallium	205-1	270622	268996	273387	271002	0.82	cps
Tin	118-1	123428	123058	121755	122747	0.72	cps
Titanium	47-1	127337	127404	128539	127760	0.53	cps
Uranium	238-1	343733	342639	340955	342443	0.41	cps
Vanadium	51-2	37917	38515	38107	38180	0.80	cps
Yttrium	89-1	4861929	4639237	4908633	4803266	3.00	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 11:58:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	566456	575202	571994	571218	0.77	cps
Zinc	66-2	91369	92962	90077	91469	1.58	cps
Zirconium	90-1	287767	278202	281363	282444	1.73	cps
Zirconium	91-1	61754	62624	62918	62432	0.97	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:01:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47162	46823	45824	46603	1.49	cps
Antimony	121-1	420998	422645	415150	419598	0.94	cps
Arsenic	75-2	15241	14899	14911	15017	1.29	cps
Barium	135-1	405629	421379	409216	412075	2.00	cps
Barium	137-1	699453	712421	695999	702624	1.23	cps
Beryllium	9-1	93722	97515	96747	95995	2.09	cps
Bismuth	209-1	1977001	1953657	1939801	1956820	0.96	cps
Bismuth	209-2	1259180	1239725	1238369	1245758	0.93	cps
Boron	11-1	31509	35804	39178	35497	10.83	cps
Boron	10-1	6446	7534	8269	7416	12.36	cps
Bromine	81-1	1952	2243	1862	2019	9.85	cps
Cadmium	106-1	11055	11664	10880	11199	3.67	cps
Cadmium	108-1	7131	7160	6789	7027	2.94	cps
Cadmium	111-1	95883	99415	97548	97615	1.81	cps
Calcium	43-1	117234	119922	119242	118799	1.18	cps
Calcium	44-1	1890047	1944011	1962349	1932136	1.95	cps
Chromium	52-2	116134	114806	113922	114954	0.97	cps
Cobalt	59-2	204812	205957	204872	205214	0.31	cps
Copper	63-2	1607191	1574446	1575309	1585649	1.18	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	13	17	10	13	25.01	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	83	33	58	58	42.87	cps
Gadolinium	160-2	13	7	33	18	78.05	cps
Holmium	165-1	3183039	3254541	3143187	3193589	1.77	cps
Holmium	165-2	1700222	1711707	1674914	1695614	1.11	cps
Indium	115-1	3082418	3152902	3061408	3098909	1.55	cps
Indium	115-2	511244	509427	513252	511308	0.37	cps
Iron	54-2	245243	244847	241232	243774	0.91	cps
Iron	56-2	4472497	4405979	4364578	4414351	1.23	cps
Iron	57-2	111286	110927	111146	111120	0.16	cps
Krypton	83-1	370	447	423	413	9.51	cps
Lead	207-1	973902	988399	971869	978057	0.92	cps
Lead	208-1	4378379	4515514	4416355	4436749	1.60	cps
Lead	206-1	1070045	1102370	1079143	1083853	1.54	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:01:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	969697	987718	971189	976202	1.02	cps
Magnesium	24-2	708657	703601	687640	699966	1.57	cps
Manganese	55-2	527623	522915	519327	523288	0.80	cps
Molybdenum	94-1	782679	799469	795717	792622	1.11	cps
Molybdenum	95-1	956130	967908	968469	964169	0.72	cps
Molybdenum	96-1	1063192	1096400	1075493	1078362	1.56	cps
Molybdenum	97-1	599395	617169	603013	606525	1.55	cps
Molybdenum	98-1	1519870	1583321	1555502	1552898	2.05	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	57178	56599	56368	56715	0.74	cps
Phosphorus	31-2	2959	3384	3192	3178	6.70	cps
Potassium	39-2	282001	280528	281770	281433	0.28	cps
Rhodium	103-1	3067004	3113086	3002105	3060732	1.82	cps
Rhodium	103-2	1537961	1535537	1510182	1527894	1.01	cps
Scandium	45-1	2239223	2243661	2247510	2243465	0.18	cps
Scandium	45-2	71128	70291	71101	70840	0.67	cps
Selenium	77-2	237	183	213	211	12.66	cps
Selenium	78-2	714	683	668	688	3.41	cps
Selenium	82-1	6505	6822	6467	6598	2.95	cps
Silicon	28-1	887978	910088	904473	900846	1.28	cps
Silver	109-1	462938	472669	464044	466550	1.14	cps
Silver	107-1	481351	487735	483782	484289	0.67	cps
Sodium	23-2	1338960	1379292	1378400	1365551	1.69	cps
Strontium	86-1	122769	122879	123426	123025	0.29	cps
Strontium	88-1	1042308	1060462	1055556	1052775	0.89	cps
Sulfur	34-1	578572	582115	577961	579550	0.39	cps
Terbium	159-1	3411574	3401660	3367439	3393558	0.68	cps
Terbium	159-2	1708819	1666824	1667698	1681114	1.43	cps
Thallium	203-1	267643	273502	269109	270085	1.13	cps
Thallium	205-1	627884	656285	635076	639748	2.31	cps
Tin	118-1	287115	291589	285024	287909	1.16	cps
Titanium	47-1	290717	299078	295641	295145	1.42	cps
Uranium	238-1	819360	835190	817586	824045	1.18	cps
Vanadium	51-2	90091	89316	87565	88991	1.45	cps
Yttrium	89-1	4697785	4730404	4658753	4695647	0.76	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:01:56	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	540449	536802	537878	538376	0.35	cps
Zinc	66-2	217233	210554	210461	212749	1.83	cps
Zirconium	90-1	661934	674878	657781	664865	1.34	cps
Zirconium	91-1	148754	149219	147856	148610	0.47	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:05:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96708	97765	96406	96960	0.74	cps
Antimony	121-1	863004	851259	860690	858318	0.72	cps
Arsenic	75-2	31315	31335	31155	31268	0.31	cps
Barium	135-1	842233	828365	856888	842495	1.69	cps
Barium	137-1	1448340	1430848	1480111	1453100	1.72	cps
Beryllium	9-1	196837	195508	201466	197937	1.58	cps
Bismuth	209-1	1998733	1980553	2012906	1997397	0.81	cps
Bismuth	209-2	1259452	1251825	1263815	1258364	0.48	cps
Boron	11-1	65255	71870	78367	71830	9.13	cps
Boron	10-1	13602	15233	16240	15025	8.86	cps
Bromine	81-1	1902	1932	1902	1912	0.91	cps
Cadmium	106-1	21676	21768	22101	21848	1.03	cps
Cadmium	108-1	14345	13682	14358	14128	2.74	cps
Cadmium	111-1	199122	196814	202386	199441	1.40	cps
Calcium	43-1	241232	234998	240816	239015	1.46	cps
Calcium	44-1	3846745	3790857	3888575	3842059	1.28	cps
Chromium	52-2	236056	237860	238984	237633	0.62	cps
Cobalt	59-2	428944	430040	430366	429784	0.17	cps
Copper	63-2	3271215	3336554	3381097	3329622	1.66	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	17	23	10	17	39.99	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	3203478	3131129	3239419	3191342	1.73	cps
Holmium	165-2	1679593	1729013	1700782	1703129	1.46	cps
Indium	115-1	3060504	3109101	3104194	3091266	0.87	cps
Indium	115-2	511372	514226	521997	515865	1.07	cps
Iron	54-2	506811	514365	509573	510250	0.75	cps
Iron	56-2	9181292	9199022	9254250	9211522	0.41	cps
Iron	57-2	228791	232076	231008	230625	0.73	cps
Krypton	83-1	497	437	430	454	8.08	cps
Lead	207-1	2047680	2027522	2074552	2049918	1.15	cps
Lead	208-1	9302214	9077977	9304194	9228128	1.41	cps
Lead	206-1	2297254	2255856	2300127	2284412	1.08	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:05:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	975326	971609	1005327	984087	1.88	cps
Magnesium	24-2	1454162	1442813	1439490	1445488	0.53	cps
Manganese	55-2	1085123	1098272	1096259	1093218	0.65	cps
Molybdenum	94-1	1626123	1603227	1657299	1628883	1.67	cps
Molybdenum	95-1	1984120	1911635	2002420	1966058	2.44	cps
Molybdenum	96-1	2218005	2221188	2283656	2240950	1.65	cps
Molybdenum	97-1	1237311	1223791	1259576	1240226	1.46	cps
Molybdenum	98-1	3187843	3124537	3169014	3160465	1.03	cps
Neodymium	150-1	20	40	20	27	43.30	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	118239	120340	120105	119561	0.96	cps
Phosphorus	31-2	6210	6310	6602	6374	3.19	cps
Potassium	39-2	570809	571679	567741	570076	0.36	cps
Rhodium	103-1	3083804	3001716	3050356	3045292	1.36	cps
Rhodium	103-2	1561526	1562139	1551084	1558250	0.40	cps
Scandium	45-1	2191881	2174692	2252074	2206216	1.84	cps
Scandium	45-2	70833	71724	70649	71069	0.81	cps
Selenium	77-2	413	460	410	428	6.53	cps
Selenium	78-2	1439	1456	1405	1434	1.81	cps
Selenium	82-1	13505	13014	13724	13415	2.71	cps
Silicon	28-1	1021862	1034592	1028282	1028245	0.62	cps
Silver	109-1	952286	930475	959559	947440	1.60	cps
Silver	107-1	1002131	996086	1018974	1005730	1.18	cps
Sodium	23-2	2826868	2826287	2795692	2816282	0.63	cps
Strontium	86-1	253923	243817	253254	250331	2.26	cps
Strontium	88-1	2169254	2112737	2139962	2140651	1.32	cps
Sulfur	34-1	607033	606083	602198	605105	0.42	cps
Terbium	159-1	3414366	3346269	3401044	3387226	1.07	cps
Terbium	159-2	1701900	1695949	1714007	1703952	0.54	cps
Thallium	203-1	557135	550294	566732	558054	1.48	cps
Thallium	205-1	1339990	1322572	1341398	1334653	0.79	cps
Tin	118-1	594787	594523	601470	596926	0.66	cps
Titanium	47-1	608426	597103	616067	607199	1.57	cps
Uranium	238-1	1695929	1667168	1725146	1696081	1.71	cps
Vanadium	51-2	187370	188723	188997	188363	0.46	cps
Yttrium	89-1	4653649	4635818	4734756	4674741	1.13	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:05:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	535836	542243	543393	540490	0.75	cps
Zinc	66-2	440771	440126	441677	440858	0.18	cps
Zirconium	90-1	1360336	1338670	1381450	1360152	1.57	cps
Zirconium	91-1	301478	296803	306276	301519	1.57	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:08:00	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180413	181673	180575	180887	0.38	cps
Antimony	121-1	1654710	1663202	1674795	1664236	0.61	cps
Arsenic	75-2	58556	58960	59644	59053	0.93	cps
Barium	135-1	1605603	1633811	1616977	1618797	0.88	cps
Barium	137-1	2786265	2794873	2774245	2785128	0.37	cps
Beryllium	9-1	384683	387913	384457	385684	0.50	cps
Bismuth	209-1	2001687	2005924	2018969	2008860	0.45	cps
Bismuth	209-2	1221554	1238914	1264818	1241762	1.75	cps
Boron	11-1	125556	142889	155105	141183	10.52	cps
Boron	10-1	26414	29734	32684	29611	10.59	cps
Bromine	81-1	1862	1862	1912	1879	1.54	cps
Cadmium	106-1	40351	41588	41346	41095	1.60	cps
Cadmium	108-1	28429	27874	27782	28029	1.25	cps
Cadmium	111-1	386869	384130	387326	386108	0.45	cps
Calcium	43-1	463717	466539	468154	466137	0.48	cps
Calcium	44-1	7239941	7423535	7273723	7312400	1.34	cps
Chromium	52-2	444999	451366	451529	449298	0.83	cps
Cobalt	59-2	799096	806170	804444	803237	0.46	cps
Copper	63-2	6160124	6169589	6208019	6179244	0.41	cps
Dysprosium	156-1	17	17	100	44	108.24	cps
Dysprosium	156-2	13	33	27	24	41.66	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	42	92	58	64	39.85	cps
Gadolinium	160-2	17	17	17	17	0.00	cps
Holmium	165-1	3213283	3248899	3190897	3217693	0.91	cps
Holmium	165-2	1651090	1696662	1726176	1691309	2.24	cps
Indium	115-1	3092956	3073462	3091063	3085827	0.35	cps
Indium	115-2	498873	507017	511917	505936	1.30	cps
Iron	54-2	952214	957793	968527	959511	0.86	cps
Iron	56-2	17363111	17179167	17381612	17307963	0.65	cps
Iron	57-2	437311	433851	438488	436550	0.55	cps
Krypton	83-1	423	440	407	423	3.94	cps
Lead	207-1	4061338	4013220	3990047	4021535	0.90	cps
Lead	208-1	18013959	18091011	17929310	18011427	0.45	cps
Lead	206-1	4499798	4490110	4430847	4473585	0.83	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:08:00	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	963065	998820	997968	986618	2.07	cps
Magnesium	24-2	2747622	2717704	2681553	2715626	1.22	cps
Manganese	55-2	2083487	2065580	2072850	2073972	0.43	cps
Molybdenum	94-1	3090789	3124446	3132676	3115970	0.71	cps
Molybdenum	95-1	3782602	3833343	3793606	3803184	0.70	cps
Molybdenum	96-1	4250965	4275131	4311544	4279213	0.71	cps
Molybdenum	97-1	2353107	2368435	2387443	2369662	0.73	cps
Molybdenum	98-1	5987542	6045198	6037699	6023480	0.52	cps
Neodymium	150-1	73	60	47	60	22.22	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	219518	222439	222467	221475	0.77	cps
Phosphorus	31-2	11305	12255	12231	11930	4.54	cps
Potassium	39-2	1048019	1060174	1061387	1056527	0.70	cps
Rhodium	103-1	3020108	3020193	3021599	3020633	0.03	cps
Rhodium	103-2	1484114	1538092	1514371	1512192	1.79	cps
Scandium	45-1	2224427	2223349	2276235	2241337	1.35	cps
Scandium	45-2	69051	69416	69889	69452	0.60	cps
Selenium	77-2	743	763	813	773	4.66	cps
Selenium	78-2	2621	2731	2657	2669	2.10	cps
Selenium	82-1	25760	26169	25924	25951	0.79	cps
Silicon	28-1	1421612	1423845	1434469	1426642	0.48	cps
Silver	109-1	1860404	1837574	1822159	1840046	1.05	cps
Silver	107-1	1929576	1964289	1908462	1934109	1.46	cps
Sodium	23-2	5297102	5287197	5197266	5260522	1.05	cps
Strontium	86-1	484670	489948	484051	486223	0.67	cps
Strontium	88-1	4181825	4104438	4101107	4129123	1.11	cps
Sulfur	34-1	670986	667270	663900	667385	0.53	cps
Terbium	159-1	3446375	3473074	3484148	3467866	0.56	cps
Terbium	159-2	1613905	1708536	1707952	1676798	3.25	cps
Thallium	203-1	1095329	1098723	1092135	1095396	0.30	cps
Thallium	205-1	2568199	2608036	2565511	2580582	0.92	cps
Tin	118-1	1162538	1165315	1147143	1158332	0.85	cps
Titanium	47-1	1166432	1165614	1176336	1169461	0.51	cps
Uranium	238-1	3345730	3327730	3395068	3356176	1.04	cps
Vanadium	51-2	353733	351679	353916	353109	0.35	cps
Yttrium	89-1	4710856	4681721	4640775	4677784	0.75	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:08:00	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	524304	536297	539895	533499	1.53	cps
Zinc	66-2	825262	829562	825848	826891	0.28	cps
Zirconium	90-1	2625135	2615899	2605017	2615350	0.39	cps
Zirconium	91-1	582450	592091	584687	586409	0.86	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:11:00	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341423	347689	339749	342954	1.22	cps
Antimony	121-1	3169446	3188597	3263534	3207192	1.55	cps
Arsenic	75-2	112071	112910	111550	112177	0.61	cps
Barium	135-1	3087400	3145902	3151291	3128197	1.13	cps
Barium	137-1	5299006	5445314	5399289	5381203	1.39	cps
Beryllium	9-1	724081	740624	740938	735214	1.31	cps
Bismuth	209-1	1970945	2009833	2040720	2007166	1.74	cps
Bismuth	209-2	1213542	1237974	1238922	1230146	1.17	cps
Boron	11-1	243017	278626	302424	274689	10.88	cps
Boron	10-1	50707	58122	63049	57293	10.84	cps
Bromine	81-1	1852	2062	2112	2009	6.88	cps
Cadmium	106-1	79278	79394	80678	79783	0.97	cps
Cadmium	108-1	55323	56975	57151	56483	1.79	cps
Cadmium	111-1	770340	786027	784935	780434	1.12	cps
Calcium	43-1	874861	904242	912971	897358	2.22	cps
Calcium	44-1	13847738	14164315	14307535	14106529	1.67	cps
Chromium	52-2	851542	856845	841418	849935	0.92	cps
Cobalt	59-2	1521766	1547216	1518427	1529137	1.03	cps
Copper	63-2	11920050	11958686	11803847	11894194	0.68	cps
Dysprosium	156-1	67	67	67	67	0.00	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	25	58	33	39	44.61	cps
Gadolinium	160-2	23	20	40	28	38.58	cps
Holmium	165-1	3217105	3301675	3287958	3268912	1.39	cps
Holmium	165-2	1671298	1681720	1692347	1681788	0.63	cps
Indium	115-1	3052215	3081706	3067441	3067121	0.48	cps
Indium	115-2	486639	494143	494684	491822	0.91	cps
Iron	54-2	1846724	1871333	1834365	1850807	1.02	cps
Iron	56-2	32937525	33280988	32230767	32816427	1.63	cps
Iron	57-2	820306	832509	820044	824286	0.86	cps
Krypton	83-1	360	427	467	418	12.90	cps
Lead	207-1	7625809	7859732	7866912	7784151	1.76	cps
Lead	208-1	34554155	35326877	35663718	35181584	1.62	cps
Lead	206-1	8528329	8700684	8862074	8697029	1.92	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:11:00	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	933172	977476	985258	965302	2.91	cps
Magnesium	24-2	5118619	5218841	5019712	5119057	1.94	cps
Manganese	55-2	3914639	3946725	3830174	3897179	1.54	cps
Molybdenum	94-1	5963605	6120931	5985873	6023469	1.41	cps
Molybdenum	95-1	7259537	7323084	7382834	7321818	0.84	cps
Molybdenum	96-1	8169352	8069425	8307411	8182063	1.46	cps
Molybdenum	97-1	4489594	4608862	4548353	4548936	1.31	cps
Molybdenum	98-1	11600963	11714394	11777196	11697518	0.76	cps
Neodymium	150-1	93	93	87	91	4.23	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	417795	420269	414130	417398	0.74	cps
Phosphorus	31-2	22209	23036	22384	22543	1.93	cps
Potassium	39-2	1939071	1963064	1955717	1952617	0.63	cps
Rhodium	103-1	2937715	2981579	2998888	2972727	1.06	cps
Rhodium	103-2	1465563	1497664	1507802	1490343	1.48	cps
Scandium	45-1	2140382	2215790	2221978	2192717	2.07	cps
Scandium	45-2	67216	67966	68559	67914	0.99	cps
Selenium	77-2	1560	1547	1420	1509	5.12	cps
Selenium	78-2	4969	5069	5001	5013	1.02	cps
Selenium	82-1	48886	50021	50459	49789	1.63	cps
Silicon	28-1	2125815	2185894	2170465	2160725	1.44	cps
Silver	109-1	3820959	3915033	3928053	3888015	1.50	cps
Silver	107-1	4063767	4078356	4091381	4077835	0.34	cps
Sodium	23-2	9877739	10094632	9907894	9960088	1.18	cps
Strontium	86-1	919668	949792	951003	940154	1.89	cps
Strontium	88-1	7690480	7974306	7975914	7880233	2.09	cps
Sulfur	34-1	772469	779835	774196	775500	0.50	cps
Terbium	159-1	3368907	3474234	3422123	3421755	1.54	cps
Terbium	159-2	1653503	1675941	1643933	1657792	0.99	cps
Thallium	203-1	2086962	2112687	2156623	2118757	1.66	cps
Thallium	205-1	4887795	4989111	5066602	4981169	1.80	cps
Tin	118-1	2211320	2245582	2267755	2241552	1.27	cps
Titanium	47-1	2192960	2213577	2245928	2217488	1.20	cps
Uranium	238-1	6381353	6644254	6548832	6524813	2.04	cps
Vanadium	51-2	665678	684346	667613	672546	1.53	cps
Yttrium	89-1	4664936	4659064	4699764	4674588	0.47	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:11:00	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	521923	525872	528163	525320	0.60	cps
Zinc	66-2	1644507	1662182	1635173	1647287	0.83	cps
Zirconium	90-1	5001084	5000056	5132502	5044548	1.51	cps
Zirconium	91-1	1130767	1139707	1150158	1140211	0.85	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:13:58	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1805968	1783046	1795145	1794720	0.64	cps
Antimony	121-1	2234	2625	2634	2498	9.15	cps
Arsenic	75-2	53	48	49	50	5.29	cps
Barium	135-1	6418	6302	6385	6368	0.94	cps
Barium	137-1	10830	10946	10546	10774	1.91	cps
Beryllium	9-1	192	156	168	172	10.66	cps
Bismuth	209-1	1940000	1970712	1991022	1967245	1.31	cps
Bismuth	209-2	1214165	1056404	1204277	1158282	7.63	cps
Boron	11-1	64047	57171	52476	57898	10.05	cps
Boron	10-1	13195	12329	11088	12204	8.68	cps
Bromine	81-1	2032	2072	1962	2022	2.76	cps
Cadmium	106-1	1150	1483	1383	1339	12.78	cps
Cadmium	108-1	42	33	33	36	13.33	cps
Cadmium	111-1	938	1169	1087	1065	10.99	cps
Calcium	43-1	4356749	4405560	4450575	4404295	1.07	cps
Calcium	44-1	69965070	70832825	72022420	70940105	1.46	cps
Chromium	52-2	23863	23907	23476	23749	1.00	cps
Cobalt	59-2	2914	2847	3010	2924	2.81	cps
Copper	63-2	6862	6328	6675	6622	4.09	cps
Dysprosium	156-1	142	183	192	172	15.55	cps
Dysprosium	156-2	103	97	100	100	3.33	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	158	217	200	192	15.68	cps
Gadolinium	160-2	150	147	120	139	11.84	cps
Holmium	165-1	3224855	3301440	3353891	3293395	1.97	cps
Holmium	165-2	1724061	1499036	1758868	1660655	8.49	cps
Indium	115-1	3105992	3197444	3239663	3181033	2.15	cps
Indium	115-2	523119	455058	512484	496887	7.37	cps
Iron	54-2	9234768	8884973	8913908	9011217	2.15	cps
Iron	56-2	168457359	165711643	164911259	166360087	1.12	cps
Iron	57-2	4205366	4110713	4102609	4139563	1.38	cps
Krypton	83-1	330	463	430	408	17.02	cps
Lead	207-1	8125	8725	9331	8727	6.91	cps
Lead	208-1	37260	39090	39819	38723	3.40	cps
Lead	206-1	9114	9893	9871	9626	4.60	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:13:58	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	955874	966603	990021	970833	1.80	cps
Magnesium	24-2	25747120	24631902	24894673	25091232	2.32	cps
Manganese	55-2	3877	3807	3741	3808	1.79	cps
Molybdenum	94-1	4276	4443	4334	4351	1.94	cps
Molybdenum	95-1	6402	6568	6568	6513	1.48	cps
Molybdenum	96-1	8053	7210	7244	7502	6.36	cps
Molybdenum	97-1	4142	4468	3901	4170	6.82	cps
Molybdenum	98-1	10571	10229	10521	10440	1.77	cps
Neodymium	150-1	27	60	47	44	37.74	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	7385	7579	7239	7401	2.31	cps
Phosphorus	31-2	208	150	175	178	16.46	cps
Potassium	39-2	9810477	9695723	9749328	9751842	0.59	cps
Rhodium	103-1	2892191	2936953	2943677	2924274	0.96	cps
Rhodium	103-2	1479688	1299798	1458312	1412599	6.96	cps
Scandium	45-1	2173474	2196319	2212445	2194079	0.89	cps
Scandium	45-2	70110	59664	69701	66492	8.90	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	25	35	32	31	16.73	cps
Selenium	82-1	87	-102	-61	-25	-396.52	cps
Silicon	28-1	779387	811819	817039	802748	2.54	cps
Silver	109-1	1217	892	1133	1081	15.62	cps
Silver	107-1	1108	1042	1308	1153	12.04	cps
Sodium	23-2	50257766	48573000	49083035	49304600	1.75	cps
Strontium	86-1	2384	2775	2717	2625	8.05	cps
Strontium	88-1	17169	17353	18830	17784	5.12	cps
Sulfur	34-1	506875	516150	512680	511902	0.92	cps
Terbium	159-1	3461546	3545521	3554275	3520447	1.45	cps
Terbium	159-2	1712412	1488429	1694028	1631623	7.62	cps
Thallium	203-1	1183	1050	858	1031	15.85	cps
Thallium	205-1	2842	2525	2559	2642	6.59	cps
Tin	118-1	2225	2142	2092	2153	3.13	cps
Titanium	47-1	958	900	1125	995	11.74	cps
Uranium	238-1	725	742	825	764	7.01	cps
Vanadium	51-2	227	303	210	247	20.18	cps
Yttrium	89-1	4677991	4795103	4751082	4741392	1.25	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:13:58	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	543596	477526	538989	520037	7.09	cps
Zinc	66-2	7876	7729	7732	7779	1.08	cps
Zirconium	90-1	1283	1658	1417	1453	13.09	cps
Zirconium	91-1	367	292	275	311	15.69	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:31:45	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9339	9327	9161	9276	1.07	cps
Antimony	121-1	621424	640897	639193	633838	1.70	cps
Arsenic	75-2	23113	23689	23496	23433	1.25	cps
Barium	135-1	63031	64822	63918	63923	1.40	cps
Barium	137-1	107803	112465	109483	109917	2.15	cps
Beryllium	9-1	77106	77874	78457	77812	0.87	cps
Bismuth	209-1	2031605	2108832	2122357	2087598	2.35	cps
Bismuth	209-2	1269757	1278747	1319188	1289231	2.04	cps
Boron	11-1	187118	198737	203437	196431	4.28	cps
Boron	10-1	38965	41205	42105	40759	3.97	cps
Bromine	81-1	1862	1962	1702	1842	7.13	cps
Cadmium	106-1	12998	12748	12498	12748	1.96	cps
Cadmium	108-1	7010	7560	7239	7270	3.80	cps
Cadmium	111-1	75734	77465	77121	76773	1.19	cps
Calcium	43-1	20098	20298	19230	19875	2.86	cps
Calcium	44-1	328352	336929	328038	331106	1.52	cps
Chromium	52-2	87961	88351	87797	88036	0.32	cps
Cobalt	59-2	159161	161693	161726	160860	0.91	cps
Copper	63-2	124006	126451	125942	125466	1.03	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	0	75	25	173.21	cps
Erbium	164-2	10	10	27	16	61.87	cps
Gadolinium	160-1	25	17	67	36	74.18	cps
Gadolinium	160-2	23	7	7	12	78.69	cps
Holmium	165-1	3273791	3351980	3329216	3318329	1.21	cps
Holmium	165-2	1709579	1773456	1831258	1771431	3.44	cps
Indium	115-1	3128099	3193204	3203921	3175075	1.29	cps
Indium	115-2	520315	523534	528470	524106	0.78	cps
Iron	54-2	75214	76816	76392	76141	1.09	cps
Iron	56-2	1312648	1334584	1338948	1328727	1.06	cps
Iron	57-2	33155	33417	34208	33593	1.63	cps
Krypton	83-1	397	463	370	410	11.73	cps
Lead	207-1	316434	324180	321407	320674	1.22	cps
Lead	208-1	1461163	1522164	1501027	1494785	2.07	cps
Lead	206-1	369200	385690	383835	379575	2.38	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:31:45	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1033864	998205	1027898	1019989	1.87	cps
Magnesium	24-2	60526	62518	62710	61918	1.95	cps
Manganese	55-2	41544	42607	42236	42129	1.28	cps
Molybdenum	94-1	3012086	3125243	2992960	3043430	2.35	cps
Molybdenum	95-1	3693251	3739921	3737653	3723609	0.71	cps
Molybdenum	96-1	4106953	4205437	4168068	4160153	1.20	cps
Molybdenum	97-1	2217001	2297177	2298334	2270837	2.05	cps
Molybdenum	98-1	5783308	5907176	5890911	5860465	1.15	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	43921	44626	45483	44677	1.75	cps
Phosphorus	31-2	175	300	108	194	50.04	cps
Potassium	39-2	99073	96103	97075	97417	1.55	cps
Rhodium	103-1	3165198	3152869	3211501	3176522	0.97	cps
Rhodium	103-2	1588647	1599660	1609950	1599419	0.67	cps
Scandium	45-1	2283444	2329078	2275745	2296089	1.26	cps
Scandium	45-2	71811	72699	74110	72873	1.59	cps
Selenium	77-2	327	297	307	310	4.93	cps
Selenium	78-2	1106	1069	1131	1102	2.83	cps
Selenium	82-1	9852	10015	10060	9975	1.10	cps
Silicon	28-1	1303641	1356601	1362620	1340954	2.42	cps
Silver	109-1	167931	174689	171078	171232	1.98	cps
Silver	107-1	180959	186116	185889	184321	1.58	cps
Sodium	23-2	220208	224247	223340	222598	0.95	cps
Strontium	86-1	457854	467897	473847	466533	1.73	cps
Strontium	88-1	4002794	4050851	4064588	4039411	0.80	cps
Sulfur	34-1	540599	536309	531146	536018	0.88	cps
Terbium	159-1	3437258	3481629	3536422	3485103	1.43	cps
Terbium	159-2	1746554	1739605	1766225	1750795	0.79	cps
Thallium	203-1	454965	473695	471746	466802	2.21	cps
Thallium	205-1	1091435	1117587	1126378	1111800	1.63	cps
Tin	118-1	1101639	1136938	1141232	1126603	1.93	cps
Titanium	47-1	1127415	1147370	1148290	1141025	1.03	cps
Uranium	238-1	3419214	3533815	3498767	3483932	1.69	cps
Vanadium	51-2	67692	67193	68235	67707	0.77	cps
Yttrium	89-1	4813883	4867916	4827232	4836344	0.58	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:31:45	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	548873	558527	565580	557660	1.50	cps
Zinc	66-2	32003	33202	32741	32649	1.85	cps
Zirconium	90-1	2534065	2574650	2559213	2555976	0.80	cps
Zirconium	91-1	565970	578875	565246	570030	1.35	cps

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 12:41:05 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	316	352	308	325	7.21	cps
Antimony	121-1	67	67	83	72	13.33	cps
Arsenic	75-2	11	4	4	6	63.81	cps
Barium	135-1	42	42	50	44	10.82	cps
Barium	137-1	33	92	92	72	46.64	cps
Beryllium	9-1	58	54	60	57	5.33	cps
Bismuth	209-1	2062308	2068591	2053201	2061367	0.38	cps
Bismuth	209-2	1277537	1269396	1285342	1277425	0.62	cps
Boron	11-1	6390	6526	6496	6471	1.10	cps
Boron	10-1	1396	1338	1424	1386	3.16	cps
Bromine	81-1	1942	1712	1972	1875	7.59	cps
Cadmium	106-1	1183	1092	1058	1111	5.83	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	863	771	752	795	7.48	cps
Calcium	43-1	525	583	517	542	6.71	cps
Calcium	44-1	32354	32070	30533	31652	3.10	cps
Chromium	52-2	1090	1147	1223	1153	5.80	cps
Cobalt	59-2	70	50	33	51	35.92	cps
Copper	63-2	693	740	800	744	7.18	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	3278549	3282605	3273250	3278135	0.14	cps
Holmium	165-2	1741769	1753445	1741201	1745472	0.40	cps
Indium	115-1	3110690	3153427	3195644	3153254	1.35	cps
Indium	115-2	517902	519293	521859	519685	0.39	cps
Iron	54-2	306	483	356	381	24.03	cps
Iron	56-2	2950	2917	2617	2828	6.49	cps
Iron	57-2	161	78	122	120	34.64	cps
Krypton	83-1	307	353	420	360	15.82	cps
Lead	207-1	778	600	572	650	17.16	cps
Lead	208-1	3150	2872	3011	3011	4.61	cps
Lead	206-1	706	661	806	724	10.22	cps

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 12:41:05 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1011604	999651	1015648	1008968	0.82	cps
Magnesium	24-2	242	308	275	275	12.12	cps
Manganese	55-2	107	87	93	96	10.66	cps
Molybdenum	94-1	125	83	133	114	23.52	cps
Molybdenum	95-1	117	83	17	72	70.50	cps
Molybdenum	96-1	217	150	217	194	19.80	cps
Molybdenum	97-1	33	50	50	44	21.66	cps
Molybdenum	98-1	167	83	25	92	77.67	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	117	130	126	6.13	cps
Phosphorus	31-2	175	192	175	181	5.33	cps
Potassium	39-2	16627	17428	17878	17311	3.66	cps
Rhodium	103-1	3073659	3097370	3138270	3103100	1.05	cps
Rhodium	103-2	1606126	1615031	1606219	1609125	0.32	cps
Scandium	45-1	2233232	2309088	2290863	2277728	1.74	cps
Scandium	45-2	71078	71423	70220	70907	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	32	38	38	14.62	cps
Selenium	82-1	48	47	-47	16	346.37	cps
Silicon	28-1	561277	563221	563669	562722	0.23	cps
Silver	109-1	42	25	42	36	26.65	cps
Silver	107-1	75	58	58	64	15.06	cps
Sodium	23-2	17244	17236	16827	17102	1.39	cps
Strontium	86-1	583	700	717	667	10.90	cps
Strontium	88-1	150	150	117	139	13.86	cps
Sulfur	34-1	538159	538387	534441	536996	0.41	cps
Terbium	159-1	3493737	3509125	3519529	3507464	0.37	cps
Terbium	159-2	1702414	1725819	1719497	1715910	0.71	cps
Thallium	203-1	108	167	108	128	26.35	cps
Thallium	205-1	258	425	350	344	24.23	cps
Tin	118-1	375	358	350	361	3.52	cps
Titanium	47-1	658	550	575	594	9.54	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	13	33	27	24	41.66	cps
Yttrium	89-1	4718119	4749642	4768586	4745449	0.54	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:41:05	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	544345	543235	546122	544567	0.27	cps
Zinc	66-2	133	193	123	150	25.24	cps
Zirconium	90-1	183	183	275	214	24.74	cps
Zirconium	91-1	25	8	8	14	69.31	cps

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 12:43:53 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1598298	1608965	1654372	1620545	1.84	cps
Antimony	121-1	3876	3684	4192	3917	6.56	cps
Arsenic	75-2	48	44	47	46	4.50	cps
Barium	135-1	942	1075	992	1003	6.72	cps
Barium	137-1	1508	1758	1658	1642	7.66	cps
Beryllium	9-1	244	224	264	244	8.20	cps
Bismuth	209-1	2059394	2086002	2074634	2073343	0.64	cps
Bismuth	209-2	1269909	1263932	1302657	1278833	1.63	cps
Boron	11-1	6680	6520	6096	6432	4.69	cps
Boron	10-1	1434	1334	1390	1386	3.62	cps
Bromine	81-1	2293	2453	2693	2479	8.13	cps
Cadmium	106-1	1242	908	1150	1100	15.66	cps
Cadmium	108-1	529	567	533	543	3.79	cps
Cadmium	111-1	1149	902	1161	1070	13.67	cps
Calcium	43-1	864444	886418	879883	876915	1.29	cps
Calcium	44-1	13835451	14066306	14073508	13991755	0.97	cps
Chromium	52-2	18606	18535	18522	18554	0.24	cps
Cobalt	59-2	1730	1940	1880	1850	5.85	cps
Copper	63-2	10234	10184	10174	10197	0.32	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	7	20	0	9	114.55	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	0	20	13	11	91.66	cps
Holmium	165-1	3395022	3449654	3375610	3406762	1.13	cps
Holmium	165-2	1755712	1762828	1792890	1770477	1.11	cps
Indium	115-1	3167821	3191141	3184044	3181002	0.38	cps
Indium	115-2	522954	510913	531833	521900	2.01	cps
Iron	54-2	3619756	3636479	3648020	3634752	0.39	cps
Iron	56-2	65668720	66346876	65676283	65897293	0.59	cps
Iron	57-2	1702563	1694714	1673004	1690094	0.91	cps
Krypton	83-1	367	390	367	374	3.60	cps
Lead	207-1	6869	7274	7197	7113	3.03	cps
Lead	208-1	33634	34847	33106	33862	2.64	cps
Lead	206-1	8892	8942	8742	8859	1.18	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:43:53	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1026186	1032569	1048199	1035651	1.09	cps
Magnesium	24-2	5004095	4985786	4992348	4994076	0.19	cps
Manganese	55-2	2990	3110	2987	3029	2.32	cps
Molybdenum	94-1	1680378	1667728	1695237	1681114	0.82	cps
Molybdenum	95-1	2891099	2867338	2907283	2888573	0.70	cps
Molybdenum	96-1	3102314	3129676	3190936	3140975	1.44	cps
Molybdenum	97-1	1796806	1792976	1838536	1809439	1.40	cps
Molybdenum	98-1	4586410	4607366	4669259	4621012	0.93	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	2307	2510	2654	2490	7.00	cps
Phosphorus	31-2	113442	111006	112029	112159	1.09	cps
Potassium	39-2	3970772	3952809	3962972	3962184	0.23	cps
Rhodium	103-1	3065615	3084481	3115982	3088693	0.82	cps
Rhodium	103-2	1582945	1532487	1622187	1579206	2.85	cps
Scandium	45-1	2277592	2302719	2274625	2284979	0.68	cps
Scandium	45-2	71239	71115	73162	71838	1.60	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	42	30	31	34	19.39	cps
Selenium	82-1	1	-30	5	-8	-242.91	cps
Silicon	28-1	655051	661684	660993	659243	0.55	cps
Silver	109-1	108	100	125	111	11.46	cps
Silver	107-1	133	175	167	158	13.92	cps
Sodium	23-2	10086853	10288033	10197128	10190671	0.99	cps
Strontium	86-1	32472	33323	31670	32488	2.55	cps
Strontium	88-1	271774	278305	276752	275610	1.24	cps
Sulfur	34-1	1440640	1429714	1417021	1429125	0.83	cps
Terbium	159-1	3568323	3665891	3624294	3619503	1.35	cps
Terbium	159-2	1765432	1743048	1792388	1766956	1.40	cps
Thallium	203-1	208	200	350	253	33.35	cps
Thallium	205-1	458	550	492	500	9.28	cps
Tin	118-1	700	667	967	778	21.14	cps
Titanium	47-1	894576	900780	911988	902448	0.98	cps
Uranium	238-1	83	150	58	97	48.74	cps
Vanadium	51-2	113	117	100	110	8.02	cps
Yttrium	89-1	4796936	4903807	4909190	4869977	1.30	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:43:53	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	552712	546487	560221	553140	1.24	cps
Zinc	66-2	1790	1960	1937	1896	4.86	cps
Zirconium	90-1	367	417	308	364	14.90	cps
Zirconium	91-1	75	67	100	81	21.53	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:46:44	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635235	1648230	1621356	1634940	0.82	cps
Antimony	121-1	67509	68296	70029	68611	1.88	cps
Arsenic	75-2	2414	2336	2323	2358	2.09	cps
Barium	135-1	14166	13699	13407	13757	2.78	cps
Barium	137-1	23412	24072	23579	23688	1.45	cps
Beryllium	9-1	15621	15221	15781	15541	1.86	cps
Bismuth	209-1	2058690	2107463	2079298	2081817	1.18	cps
Bismuth	209-2	1287468	1296505	1291102	1291692	0.35	cps
Boron	11-1	21291	22423	23546	22420	5.03	cps
Boron	10-1	4366	4706	4718	4596	4.35	cps
Bromine	81-1	2393	2403	2373	2389	0.64	cps
Cadmium	106-1	2850	2992	2775	2873	3.83	cps
Cadmium	108-1	1617	1642	1604	1621	1.18	cps
Cadmium	111-1	15655	16337	16032	16008	2.14	cps
Calcium	43-1	887425	894708	897897	893343	0.60	cps
Calcium	44-1	13962354	14173845	14374947	14170382	1.46	cps
Chromium	52-2	35584	36333	35454	35790	1.33	cps
Cobalt	59-2	33576	33727	33840	33714	0.39	cps
Copper	63-2	35859	35508	35003	35456	1.21	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	50	58	50	53	9.11	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	3403836	3434424	3415552	3417937	0.45	cps
Holmium	165-2	1785255	1805886	1817255	1802799	0.90	cps
Indium	115-1	3214720	3292728	3219295	3242248	1.35	cps
Indium	115-2	527245	528492	526336	527358	0.21	cps
Iron	54-2	3668378	3668059	3632366	3656268	0.57	cps
Iron	56-2	66611649	66612579	66575739	66599989	0.03	cps
Iron	57-2	1709427	1723643	1666647	1699906	1.75	cps
Krypton	83-1	377	420	420	406	6.17	cps
Lead	207-1	36067	36579	36758	36468	0.98	cps
Lead	208-1	168928	169788	172754	170490	1.18	cps
Lead	206-1	43936	43696	44588	44073	1.05	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:46:44	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1062995	1051923	1050980	1055299	0.63	cps
Magnesium	24-2	5080773	5140039	4888231	5036348	2.61	cps
Manganese	55-2	10821	11071	11141	11011	1.53	cps
Molybdenum	94-1	1857983	1859437	1882669	1866696	0.74	cps
Molybdenum	95-1	3069400	3087772	3080098	3079090	0.30	cps
Molybdenum	96-1	3305525	3355367	3308088	3322994	0.84	cps
Molybdenum	97-1	1877967	1910046	1920111	1902708	1.16	cps
Molybdenum	98-1	4764607	4857748	4843885	4822080	1.04	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	10988	11321	11248	11186	1.57	cps
Phosphorus	31-2	114289	112736	113945	113657	0.72	cps
Potassium	39-2	4015445	4042240	3943821	4000502	1.27	cps
Rhodium	103-1	3199764	3193362	3184437	3192521	0.24	cps
Rhodium	103-2	1591303	1619323	1583540	1598055	1.18	cps
Scandium	45-1	2318271	2314520	2337057	2323283	0.52	cps
Scandium	45-2	72699	73413	73235	73116	0.51	cps
Selenium	77-2	20	23	30	24	20.83	cps
Selenium	78-2	126	142	117	128	9.87	cps
Selenium	82-1	969	964	990	974	1.41	cps
Silicon	28-1	768570	778809	776829	774736	0.70	cps
Silver	109-1	67742	68144	69744	68543	1.54	cps
Silver	107-1	72046	72248	73094	72463	0.77	cps
Sodium	23-2	10129989	10417074	10136117	10227727	1.60	cps
Strontium	86-1	81696	82820	84010	82842	1.40	cps
Strontium	88-1	697303	710304	712671	706760	1.17	cps
Sulfur	34-1	1417610	1403856	1419161	1413542	0.60	cps
Terbium	159-1	3627611	3622481	3711894	3653995	1.37	cps
Terbium	159-2	1790118	1770567	1786115	1782267	0.58	cps
Thallium	203-1	43240	42571	43858	43223	1.49	cps
Thallium	205-1	103318	101957	105939	103738	1.95	cps
Tin	118-1	115653	118863	117435	117317	1.37	cps
Titanium	47-1	931682	936780	955734	941399	1.35	cps
Uranium	238-1	336014	345600	341920	341178	1.42	cps
Vanadium	51-2	14047	14174	13663	13961	1.90	cps
Yttrium	89-1	4933024	4945293	4983328	4953882	0.53	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:46:44	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	564321	567216	565437	565658	0.26	cps
Zinc	66-2	5101	5201	5201	5168	1.12	cps
Zirconium	90-1	268719	270501	272763	270661	0.75	cps
Zirconium	91-1	60356	60532	61938	60942	1.42	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:49:32	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967579	972729	955612	965307	0.91	cps
Antimony	121-1	1721956	1776751	1796591	1765100	2.19	cps
Arsenic	75-2	62027	61655	61424	61702	0.49	cps
Barium	135-1	1675526	1667332	1697114	1679991	0.92	cps
Barium	137-1	2902640	2916463	2958059	2925721	0.99	cps
Beryllium	9-1	387429	393082	396244	392252	1.14	cps
Bismuth	209-1	2073889	2129857	2152548	2118765	1.91	cps
Bismuth	209-2	1315943	1311873	1315289	1314368	0.17	cps
Boron	11-1	117732	136514	150863	135036	12.30	cps
Boron	10-1	24143	28255	31413	27937	13.05	cps
Bromine	81-1	2122	2032	2172	2109	3.37	cps
Cadmium	106-1	39975	40711	40610	40432	0.99	cps
Cadmium	108-1	28070	27536	28175	27927	1.23	cps
Cadmium	111-1	381793	386555	388652	385667	0.91	cps
Calcium	43-1	2317090	2348542	2372162	2345931	1.18	cps
Calcium	44-1	37363337	37325316	37638265	37442306	0.46	cps
Chromium	52-2	466619	467642	469324	467862	0.29	cps
Cobalt	59-2	823045	813741	813862	816883	0.65	cps
Copper	63-2	6265619	6178640	6223874	6222711	0.70	cps
Dysprosium	156-1	117	100	92	103	12.39	cps
Dysprosium	156-2	77	50	70	66	21.17	cps
Erbium	164-1	42	33	0	25	88.19	cps
Erbium	164-2	17	30	3	17	80.01	cps
Gadolinium	160-1	167	175	133	158	13.92	cps
Gadolinium	160-2	87	83	87	86	2.25	cps
Holmium	165-1	3441489	3528078	3470833	3480133	1.27	cps
Holmium	165-2	1841175	1867961	1876661	1861932	0.99	cps
Indium	115-1	3314620	3320402	3372864	3335962	0.96	cps
Indium	115-2	548268	547477	548248	547998	0.08	cps
Iron	54-2	4758525	4740686	4768743	4755985	0.30	cps
Iron	56-2	87768746	87238302	86614591	87207213	0.66	cps
Iron	57-2	2210690	2215659	2208230	2211526	0.17	cps
Krypton	83-1	390	387	443	407	7.82	cps
Lead	207-1	4080791	4191288	4105596	4125892	1.41	cps
Lead	208-1	18200668	18736211	18557270	18498050	1.47	cps
Lead	206-1	4534013	4622857	4636360	4597743	1.21	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:49:32	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1025577	1025575	1043699	1031617	1.01	cps
Magnesium	24-2	13426403	13338976	13084513	13283298	1.34	cps
Manganese	55-2	2189938	2159054	2152036	2167009	0.93	cps
Molybdenum	94-1	3235625	3290944	3275630	3267400	0.87	cps
Molybdenum	95-1	3944011	3972245	4037915	3984724	1.21	cps
Molybdenum	96-1	4431112	4444217	4498276	4457869	0.80	cps
Molybdenum	97-1	2464132	2452564	2509153	2475283	1.21	cps
Molybdenum	98-1	6229483	6276735	6399320	6301846	1.39	cps
Neodymium	150-1	53	80	47	60	29.40	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	230309	225746	227622	227892	1.01	cps
Phosphorus	31-2	12264	12397	12381	12347	0.59	cps
Potassium	39-2	5186922	5184204	5221545	5197557	0.40	cps
Rhodium	103-1	3187350	3187418	3221188	3198652	0.61	cps
Rhodium	103-2	1609818	1611502	1570874	1597398	1.44	cps
Scandium	45-1	2386135	2371563	2332256	2363318	1.18	cps
Scandium	45-2	74408	74770	75172	74783	0.51	cps
Selenium	77-2	903	837	867	869	3.84	cps
Selenium	78-2	2776	2843	2681	2766	2.94	cps
Selenium	82-1	26144	25929	26569	26214	1.24	cps
Silicon	28-1	1442921	1484311	1529669	1485634	2.92	cps
Silver	109-1	1835727	1831307	1869078	1845371	1.12	cps
Silver	107-1	1957515	1984015	1961028	1967519	0.73	cps
Sodium	23-2	26214138	26388893	25886256	26163096	0.98	cps
Strontium	86-1	498273	499049	507390	501571	1.01	cps
Strontium	88-1	4232803	4300029	4308777	4280537	0.97	cps
Sulfur	34-1	613686	624698	625472	621285	1.06	cps
Terbium	159-1	3725977	3734768	3706420	3722388	0.39	cps
Terbium	159-2	1852424	1830460	1848717	1843867	0.64	cps
Thallium	203-1	1088746	1126996	1121884	1112542	1.87	cps
Thallium	205-1	2563485	2697877	2626371	2629245	2.56	cps
Tin	118-1	1177236	1196658	1196945	1190280	0.95	cps
Titanium	47-1	1194196	1201977	1208566	1201580	0.60	cps
Uranium	238-1	3512124	3544433	3610172	3555577	1.41	cps
Vanadium	51-2	367876	363716	363338	364976	0.69	cps
Yttrium	89-1	5037410	5135186	5128512	5100369	1.07	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:49:32	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	581261	588627	580503	583464	0.77	cps
Zinc	66-2	845682	843494	834538	841238	0.70	cps
Zirconium	90-1	2675305	2740026	2790132	2735154	2.10	cps
Zirconium	91-1	599652	604309	613915	605959	1.20	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:58:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328	344	362	345	4.93	cps
Antimony	121-1	58	83	108	83	30.00	cps
Arsenic	75-2	4	3	9	5	60.27	cps
Barium	135-1	50	58	25	44	39.04	cps
Barium	137-1	83	67	58	69	18.34	cps
Beryllium	9-1	50	54	52	52	3.85	cps
Bismuth	209-1	2028590	2080596	1938844	2016010	3.56	cps
Bismuth	209-2	1304828	1315708	1314345	1311627	0.45	cps
Boron	11-1	6258	6012	5790	6020	3.89	cps
Boron	10-1	1312	1278	1246	1278	2.58	cps
Bromine	81-1	1962	2152	1662	1925	12.85	cps
Cadmium	106-1	1117	1158	1000	1092	7.52	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Cadmium	111-1	787	832	710	776	7.96	cps
Calcium	43-1	525	458	633	539	16.39	cps
Calcium	44-1	33089	31569	31101	31919	3.26	cps
Chromium	52-2	1150	1263	1123	1179	6.31	cps
Cobalt	59-2	40	33	43	39	13.09	cps
Copper	63-2	977	933	947	952	2.33	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	23	17	3	14	70.51	cps
Holmium	165-1	3292446	3422924	3176892	3297421	3.73	cps
Holmium	165-2	1777197	1817145	1819549	1804630	1.32	cps
Indium	115-1	3219930	3194014	3064070	3159338	2.64	cps
Indium	115-2	534319	541286	536895	537500	0.66	cps
Iron	54-2	472	500	344	439	18.90	cps
Iron	56-2	3017	3362	3106	3162	5.66	cps
Iron	57-2	111	111	156	126	20.38	cps
Krypton	83-1	437	393	407	412	5.38	cps
Lead	207-1	911	872	950	911	4.27	cps
Lead	208-1	3889	3917	3889	3898	0.41	cps
Lead	206-1	989	1011	906	969	5.75	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:58:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1024227	1027226	948906	1000120	4.44	cps
Magnesium	24-2	350	300	392	347	13.22	cps
Manganese	55-2	123	90	100	104	16.38	cps
Molybdenum	94-1	142	125	75	114	30.46	cps
Molybdenum	95-1	67	25	33	42	52.92	cps
Molybdenum	96-1	200	167	300	222	31.23	cps
Molybdenum	97-1	50	58	50	53	9.12	cps
Molybdenum	98-1	150	75	100	108	35.25	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	153	127	127	136	11.36	cps
Phosphorus	31-2	150	108	117	125	17.64	cps
Potassium	39-2	18137	17619	18679	18145	2.92	cps
Rhodium	103-1	3137101	3172971	3051727	3120600	2.00	cps
Rhodium	103-2	1643854	1668600	1652617	1655024	0.76	cps
Scandium	45-1	2308809	2357060	2189446	2285105	3.78	cps
Scandium	45-2	72887	73530	74046	73488	0.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	27	39	31	32	18.90	cps
Selenium	82-1	-102	-4	24	-27	-241.21	cps
Silicon	28-1	554291	551186	558581	554686	0.67	cps
Silver	109-1	67	58	67	64	7.54	cps
Silver	107-1	83	83	50	72	26.65	cps
Sodium	23-2	20139	20190	18996	19775	3.41	cps
Strontium	86-1	475	608	658	581	16.32	cps
Strontium	88-1	125	167	125	139	17.32	cps
Sulfur	34-1	515420	520340	515390	517050	0.55	cps
Terbium	159-1	3485000	3603141	3388120	3492087	3.08	cps
Terbium	159-2	1776950	1812860	1766839	1785549	1.35	cps
Thallium	203-1	142	183	275	200	34.11	cps
Thallium	205-1	333	317	258	303	13.01	cps
Tin	118-1	325	392	383	367	9.91	cps
Titanium	47-1	758	675	625	686	9.82	cps
Uranium	238-1	8	0	17	8	100.02	cps
Vanadium	51-2	7	20	33	20	66.65	cps
Yttrium	89-1	4878615	4874722	4553222	4768853	3.92	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 12:58:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	564404	566736	566543	565894	0.23	cps
Zinc	66-2	183	183	133	167	17.32	cps
Zirconium	90-1	283	258	308	283	8.82	cps
Zirconium	91-1	58	25	58	47	40.75	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 13:00:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	668	676	630	658	3.73	cps
Antimony	121-1	6744	6652	6460	6618	2.19	cps
Arsenic	75-2	137	124	124	128	5.85	cps
Barium	135-1	6218	6702	6293	6404	4.06	cps
Barium	137-1	11906	11547	11797	11750	1.56	cps
Beryllium	9-1	822	856	812	830	2.78	cps
Bismuth	209-1	2033607	2133279	2108942	2091943	2.48	cps
Bismuth	209-2	1302108	1312417	1311459	1308661	0.44	cps
Boron	11-1	8977	10264	10838	10026	9.50	cps
Boron	10-1	1904	2074	2486	2154	13.89	cps
Bromine	81-1	2082	1982	2052	2039	2.52	cps
Cadmium	106-1	1100	1200	1283	1195	7.69	cps
Cadmium	108-1	113	75	79	89	23.12	cps
Cadmium	111-1	1421	1600	1635	1552	7.41	cps
Calcium	43-1	4568	4901	5485	4984	9.31	cps
Calcium	44-1	104596	106433	105175	105401	0.89	cps
Chromium	52-2	3044	3057	3010	3037	0.79	cps
Cobalt	59-2	1713	1853	1647	1738	6.07	cps
Copper	63-2	3360	3374	3574	3436	3.48	cps
Dysprosium	156-1	17	33	8	19	65.48	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	33	75	47	50.95	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	3261498	3404864	3356649	3341004	2.18	cps
Holmium	165-2	1790619	1825844	1759950	1792138	1.84	cps
Indium	115-1	3105358	3252665	3256589	3204871	2.69	cps
Indium	115-2	535420	536392	536728	536180	0.13	cps
Iron	54-2	2422	2595	2317	2445	5.74	cps
Iron	56-2	39778	38814	38981	39191	1.31	cps
Iron	57-2	1111	1145	1095	1117	2.28	cps
Krypton	83-1	400	403	463	422	8.44	cps
Lead	207-1	2550	2345	2056	2317	10.72	cps
Lead	208-1	10741	10991	10685	10806	1.51	cps
Lead	206-1	2534	2878	2750	2721	6.40	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 13:00:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	972768	1033972	1048373	1018371	3.94	cps
Magnesium	24-2	27911	28220	28078	28069	0.55	cps
Manganese	55-2	570	547	517	544	4.91	cps
Molybdenum	94-1	6910	6310	6385	6535	5.00	cps
Molybdenum	95-1	8094	8336	8103	8178	1.68	cps
Molybdenum	96-1	9036	9620	8961	9206	3.92	cps
Molybdenum	97-1	4784	5268	5201	5084	5.15	cps
Molybdenum	98-1	12531	13373	12840	12915	3.30	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	617	727	660	668	8.30	cps
Phosphorus	31-2	225	208	158	197	17.59	cps
Potassium	39-2	38160	39095	38702	38652	1.22	cps
Rhodium	103-1	3075133	3223813	3189518	3162821	2.46	cps
Rhodium	103-2	1637009	1618745	1639492	1631748	0.69	cps
Scandium	45-1	2193953	2350761	2304217	2282977	3.53	cps
Scandium	45-2	73443	72843	72991	73092	0.43	cps
Selenium	77-2	3	7	17	9	78.08	cps
Selenium	78-2	57	59	58	58	1.72	cps
Selenium	82-1	221	236	189	215	11.31	cps
Silicon	28-1	577246	580311	579717	579091	0.28	cps
Silver	109-1	3751	4092	3542	3795	7.32	cps
Silver	107-1	3926	4176	4484	4195	6.67	cps
Sodium	23-2	71383	72153	70939	71492	0.86	cps
Strontium	86-1	1450	1425	1700	1525	9.97	cps
Strontium	88-1	8044	8128	8678	8283	4.16	cps
Sulfur	34-1	521484	522876	526171	523511	0.46	cps
Terbium	159-1	3450145	3643090	3653421	3582219	3.20	cps
Terbium	159-2	1758039	1781767	1794059	1777955	1.03	cps
Thallium	203-1	2334	2517	2442	2431	3.79	cps
Thallium	205-1	5293	5410	4984	5229	4.20	cps
Tin	118-1	11905	11822	12206	11978	1.68	cps
Titanium	47-1	2900	3476	2967	3114	10.10	cps
Uranium	238-1	6335	6268	6410	6338	1.12	cps
Vanadium	51-2	3704	3767	3821	3764	1.55	cps
Yttrium	89-1	4587608	4988791	4892422	4822941	4.34	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 13:00:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	569286	559486	563697	564156	0.87	cps
Zinc	66-2	567	577	523	556	5.10	cps
Zirconium	90-1	5268	5126	5276	5223	1.61	cps
Zirconium	91-1	1242	1117	1233	1197	5.84	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:05:12	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1022398	1013733	999286	1011806	1.15	cps
Antimony	121-1	1681530	1738773	1718376	1712893	1.69	cps
Arsenic	75-2	61977	61873	61109	61653	0.77	cps
Barium	135-1	1695386	1723541	1712119	1710349	0.83	cps
Barium	137-1	2959738	3019765	2990368	2989957	1.00	cps
Beryllium	9-1	421719	423863	428688	424757	0.84	cps
Bismuth	209-1	2131498	2088088	2104634	2108073	1.04	cps
Bismuth	209-2	1282121	1297725	1288038	1289294	0.61	cps
Boron	11-1	118850	141263	159157	139757	14.45	cps
Boron	10-1	24940	29311	33006	29086	13.88	cps
Bromine	81-1	2112	1562	2072	1915	16.03	cps
Cadmium	106-1	42315	44313	44857	43829	3.05	cps
Cadmium	108-1	29624	29807	29573	29668	0.42	cps
Cadmium	111-1	407926	414175	422554	414885	1.77	cps
Calcium	43-1	2348194	2374443	2337483	2353373	0.81	cps
Calcium	44-1	37357354	37298696	38233483	37629844	1.39	cps
Chromium	52-2	482521	473157	479370	478349	1.00	cps
Cobalt	59-2	833651	830071	826357	830026	0.44	cps
Copper	63-2	6376831	6222717	6350060	6316536	1.30	cps
Dysprosium	156-1	75	150	133	119	32.97	cps
Dysprosium	156-2	27	53	37	39	34.63	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	108	250	150	169	42.97	cps
Gadolinium	160-2	100	50	50	67	43.30	cps
Holmium	165-1	3453007	3447293	3460595	3453631	0.19	cps
Holmium	165-2	1840849	1854403	1787412	1827555	1.94	cps
Indium	115-1	3319977	3284995	3304205	3303059	0.53	cps
Indium	115-2	536718	540112	532570	536466	0.70	cps
Iron	54-2	4825273	4789149	4789117	4801179	0.43	cps
Iron	56-2	89266349	88808883	87002310	88359181	1.35	cps
Iron	57-2	2247403	2211687	2211157	2223416	0.93	cps
Krypton	83-1	453	393	390	412	8.65	cps
Lead	207-1	4130023	4138795	4140943	4136587	0.14	cps
Lead	208-1	18489652	18636504	18471075	18532410	0.49	cps
Lead	206-1	4597051	4582390	4575539	4584993	0.24	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:05:12	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1054152	1048990	1059220	1054121	0.49	cps
Magnesium	24-2	13813864	13748945	13608272	13723694	0.77	cps
Manganese	55-2	2252686	2245858	2174812	2224452	1.94	cps
Molybdenum	94-1	3248657	3239948	3297276	3261960	0.95	cps
Molybdenum	95-1	3986756	3981286	4035936	4001326	0.75	cps
Molybdenum	96-1	4436140	4422013	4518015	4458723	1.16	cps
Molybdenum	97-1	2448386	2486048	2517668	2484034	1.40	cps
Molybdenum	98-1	6251980	6315156	6366677	6311271	0.91	cps
Neodymium	150-1	87	47	67	67	30.00	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	228564	230575	229752	229630	0.44	cps
Phosphorus	31-2	12456	12714	11964	12378	3.08	cps
Potassium	39-2	5421299	5311400	5231113	5321271	1.79	cps
Rhodium	103-1	3169093	3170871	3180474	3173480	0.19	cps
Rhodium	103-2	1568642	1576609	1566534	1570595	0.34	cps
Scandium	45-1	2388878	2364773	2390040	2381231	0.60	cps
Scandium	45-2	74069	72977	74535	73861	1.08	cps
Selenium	77-2	850	867	803	840	3.91	cps
Selenium	78-2	2726	2703	2729	2719	0.52	cps
Selenium	82-1	26114	25868	26454	26145	1.13	cps
Silicon	28-1	1671492	1805831	1899157	1792160	6.39	cps
Silver	109-1	2232226	2269555	2288979	2263587	1.27	cps
Silver	107-1	2361949	2399218	2382164	2381110	0.78	cps
Sodium	23-2	27242474	27025106	26817382	27028320	0.79	cps
Strontium	86-1	496983	500845	500847	499558	0.45	cps
Strontium	88-1	4258981	4256536	4312782	4276100	0.74	cps
Sulfur	34-1	690109	684848	694332	689763	0.69	cps
Terbium	159-1	3704788	3666435	3782873	3718032	1.60	cps
Terbium	159-2	1820069	1813733	1770173	1801325	1.51	cps
Thallium	203-1	1091040	1109719	1115767	1105509	1.17	cps
Thallium	205-1	2624730	2685371	2674521	2661541	1.21	cps
Tin	118-1	1162315	1169001	1169861	1167059	0.35	cps
Titanium	47-1	1201799	1204390	1236124	1214104	1.57	cps
Uranium	238-1	3411812	3437461	3495513	3448262	1.24	cps
Vanadium	51-2	377162	374598	372541	374767	0.62	cps
Yttrium	89-1	5053605	4941515	5073448	5022856	1.42	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:05:12	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	563984	567939	562881	564935	0.47	cps
Zinc	66-2	859567	852167	844660	852131	0.87	cps
Zirconium	90-1	2703885	2744280	2725395	2724520	0.74	cps
Zirconium	91-1	602166	599729	604524	602140	0.40	cps

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P8
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 14:10:19 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304	344	360	336	8.59	cps
Antimony	121-1	158	150	125	144	12.01	cps
Arsenic	75-2	5	4	4	4	13.32	cps
Barium	135-1	67	33	58	53	32.88	cps
Barium	137-1	67	67	133	89	43.30	cps
Beryllium	9-1	56	50	52	53	5.80	cps
Bismuth	209-1	1963829	2100135	2107030	2056998	3.93	cps
Bismuth	209-2	1271183	1287663	1282456	1280434	0.66	cps
Boron	11-1	8649	8325	8115	8363	3.22	cps
Boron	10-1	1786	1856	1708	1783	4.15	cps
Bromine	81-1	1782	1842	1702	1775	3.96	cps
Cadmium	106-1	1167	1092	967	1075	9.40	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	851	775	688	771	10.62	cps
Calcium	43-1	492	533	525	517	4.27	cps
Calcium	44-1	28629	27184	27744	27852	2.61	cps
Chromium	52-2	1233	1143	1193	1190	3.79	cps
Cobalt	59-2	30	43	47	40	22.05	cps
Copper	63-2	1017	900	970	962	6.10	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	10	23	7	13	66.12	cps
Holmium	165-1	3116763	3311191	3392859	3273605	4.33	cps
Holmium	165-2	1721943	1758224	1762795	1747654	1.28	cps
Indium	115-1	2975537	3173325	3179789	3109550	3.73	cps
Indium	115-2	517600	516016	518109	517242	0.21	cps
Iron	54-2	322	422	389	378	13.48	cps
Iron	56-2	3628	3573	3345	3515	4.27	cps
Iron	57-2	122	144	117	128	11.50	cps
Krypton	83-1	527	457	327	437	23.24	cps
Lead	207-1	767	861	822	817	5.81	cps
Lead	208-1	3595	3873	3606	3691	4.26	cps
Lead	206-1	900	906	950	919	2.98	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:10:19	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1012954	1033530	1042817	1029767	1.48	cps
Magnesium	24-2	367	350	367	361	2.66	cps
Manganese	55-2	80	87	130	99	27.45	cps
Molybdenum	94-1	208	100	183	164	34.61	cps
Molybdenum	95-1	125	92	108	108	15.38	cps
Molybdenum	96-1	275	175	167	206	29.33	cps
Molybdenum	97-1	150	58	75	94	51.71	cps
Molybdenum	98-1	250	150	117	172	40.29	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	113	117	111	6.24	cps
Phosphorus	31-2	100	167	125	131	25.80	cps
Potassium	39-2	18145	17478	17411	17678	2.30	cps
Rhodium	103-1	2953364	3119183	3204286	3092278	4.13	cps
Rhodium	103-2	1593904	1578282	1578467	1583551	0.57	cps
Scandium	45-1	2162121	2311216	2318201	2263846	3.89	cps
Scandium	45-2	70391	71487	72167	71348	1.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	31	36	20	29	28.23	cps
Selenium	82-1	-172	-33	41	-55	-197.92	cps
Silicon	28-1	548054	554177	550200	550810	0.56	cps
Silver	109-1	67	92	83	81	15.80	cps
Silver	107-1	33	58	133	75	69.40	cps
Sodium	23-2	17686	18637	17703	18009	3.02	cps
Strontium	86-1	600	600	642	614	3.92	cps
Strontium	88-1	167	133	133	144	13.32	cps
Sulfur	34-1	539736	538264	542406	540135	0.39	cps
Terbium	159-1	3286183	3515868	3609612	3470554	4.79	cps
Terbium	159-2	1712449	1735073	1761034	1736185	1.40	cps
Thallium	203-1	450	433	333	406	15.56	cps
Thallium	205-1	742	850	817	803	6.91	cps
Tin	118-1	400	425	317	381	14.91	cps
Titanium	47-1	658	625	558	614	8.29	cps
Uranium	238-1	17	8	33	19	65.47	cps
Vanadium	51-2	20	33	3	19	79.59	cps
Yttrium	89-1	4532970	4726527	4758656	4672718	2.61	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:10:19	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	539989	546010	545192	543730	0.60	cps
Zinc	66-2	130	193	137	153	22.70	cps
Zirconium	90-1	242	342	250	278	19.98	cps
Zirconium	91-1	58	75	50	61	20.83	cps

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : PB128546BL Instrumnet Name : P8
 Client Sample ID : PB128546BL Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 14:50:48 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322	278	350	317	11.46	cps
Antimony	121-1	58	33	33	42	34.63	cps
Arsenic	75-2	2	8	1	4	103.25	cps
Barium	135-1	75	33	8	39	86.61	cps
Barium	137-1	33	33	42	36	13.33	cps
Beryllium	9-1	36	32	46	38	18.98	cps
Bismuth	209-1	2095523	1869717	2098589	2021276	6.49	cps
Bismuth	209-2	1289831	1285559	1290546	1288646	0.21	cps
Boron	11-1	842	790	868	833	4.77	cps
Boron	10-1	190	202	192	195	3.30	cps
Bromine	81-1	1892	1812	1962	1889	3.98	cps
Cadmium	106-1	1183	883	1025	1031	14.56	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	824	632	721	726	13.22	cps
Calcium	43-1	417	375	517	436	16.70	cps
Calcium	44-1	25757	26083	27460	26433	3.42	cps
Chromium	52-2	1237	1217	1153	1202	3.62	cps
Cobalt	59-2	50	57	53	53	6.25	cps
Copper	63-2	520	433	543	499	11.62	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	20	23	7	17	52.90	cps
Holmium	165-1	3332370	2994721	3363912	3230334	6.34	cps
Holmium	165-2	1750216	1770063	1739390	1753223	0.89	cps
Indium	115-1	3253504	2937778	3208834	3133372	5.45	cps
Indium	115-2	519201	522811	528841	523618	0.93	cps
Iron	54-2	378	350	367	365	3.83	cps
Iron	56-2	2567	2784	2795	2715	4.73	cps
Iron	57-2	128	172	111	137	23.06	cps
Krypton	83-1	427	497	383	436	13.13	cps
Lead	207-1	539	483	461	494	8.10	cps
Lead	208-1	2156	2239	2200	2198	1.90	cps
Lead	206-1	533	506	544	528	3.80	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BL	Instrumnet Name :	P8
Client Sample ID :	PB128546BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:50:48	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1046457	980938	1064750	1030715	4.28	cps
Magnesium	24-2	192	233	242	222	12.05	cps
Manganese	55-2	97	93	93	94	2.04	cps
Molybdenum	94-1	92	92	117	100	14.43	cps
Molybdenum	95-1	17	0	25	14	91.65	cps
Molybdenum	96-1	117	167	117	133	21.65	cps
Molybdenum	97-1	25	17	17	19	24.73	cps
Molybdenum	98-1	17	8	25	17	50.01	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	97	130	87	104	21.72	cps
Phosphorus	31-2	142	233	133	169	32.75	cps
Potassium	39-2	16952	17519	17211	17227	1.65	cps
Rhodium	103-1	3210552	2906147	3214549	3110416	5.69	cps
Rhodium	103-2	1616908	1622852	1618230	1619330	0.19	cps
Scandium	45-1	2316004	2096596	2297582	2236727	5.44	cps
Scandium	45-2	73443	72797	73410	73216	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	31	21	27	20.15	cps
Selenium	82-1	-56	-120	-54	-77	-49.04	cps
Silicon	28-1	555585	555002	557786	556124	0.26	cps
Silver	109-1	17	17	33	22	43.28	cps
Silver	107-1	58	33	33	42	34.64	cps
Sodium	23-2	14900	14783	15817	15167	3.74	cps
Strontium	86-1	517	633	567	572	10.23	cps
Strontium	88-1	183	125	183	164	20.55	cps
Sulfur	34-1	549770	561332	559695	556932	1.12	cps
Terbium	159-1	3588369	3202009	3636927	3475768	6.86	cps
Terbium	159-2	1727709	1750421	1766429	1748186	1.11	cps
Thallium	203-1	150	175	175	167	8.66	cps
Thallium	205-1	267	283	267	272	3.54	cps
Tin	118-1	308	342	325	325	5.13	cps
Titanium	47-1	617	583	717	639	10.86	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Yttrium	89-1	4865250	4371084	4820492	4685609	5.83	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BL	Instrumnet Name :	P8
Client Sample ID :	PB128546BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:50:48	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	549188	550032	558731	552650	0.96	cps
Zinc	66-2	73	143	93	103	34.90	cps
Zirconium	90-1	258	250	208	239	11.21	cps
Zirconium	91-1	83	50	25	53	55.46	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BS	Instrumnet Name :	P8
Client Sample ID :	PB128546BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:53:36	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197836	197619	195468	196974	0.66	cps
Antimony	121-1	1793135	1762665	1778567	1778122	0.86	cps
Arsenic	75-2	63418	63379	62931	63243	0.43	cps
Barium	135-1	1719879	1740281	1725895	1728685	0.61	cps
Barium	137-1	3026677	2999047	3032749	3019491	0.59	cps
Beryllium	9-1	413637	422348	418799	418261	1.05	cps
Bismuth	209-1	2207995	2153802	2203271	2188356	1.37	cps
Bismuth	209-2	1255039	1359621	1361591	1325417	4.60	cps
Boron	11-1	102849	127553	145729	125377	17.17	cps
Boron	10-1	21852	26935	30730	26506	16.81	cps
Bromine	81-1	1932	1772	1772	1825	5.07	cps
Cadmium	106-1	42909	42675	43996	43193	1.63	cps
Cadmium	108-1	28901	29811	30150	29621	2.18	cps
Cadmium	111-1	400049	405642	407033	404241	0.91	cps
Calcium	43-1	495810	498176	501730	498572	0.60	cps
Calcium	44-1	7822997	7954928	7989444	7922456	1.11	cps
Chromium	52-2	482111	481553	475054	479572	0.82	cps
Cobalt	59-2	859908	869868	860767	863514	0.64	cps
Copper	63-2	6571015	6562897	6541221	6558378	0.23	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	67	58	100	75	29.40	cps
Gadolinium	160-2	27	20	23	23	14.29	cps
Holmium	165-1	3545543	3474077	3522887	3514169	1.04	cps
Holmium	165-2	1704881	1844629	1858997	1802836	4.72	cps
Indium	115-1	3310019	3361514	3349534	3340356	0.81	cps
Indium	115-2	507626	546035	550426	534695	4.40	cps
Iron	54-2	1030224	1030062	1023466	1027918	0.38	cps
Iron	56-2	18797441	18853584	18441757	18697594	1.19	cps
Iron	57-2	461237	464559	458958	461585	0.61	cps
Krypton	83-1	443	390	390	408	7.55	cps
Lead	207-1	4279685	4333611	4293490	4302262	0.65	cps
Lead	208-1	19312391	19362564	19349646	19341534	0.13	cps
Lead	206-1	4770505	4802723	4735111	4769446	0.71	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BS	Instrumnet Name :	P8
Client Sample ID :	PB128546BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:53:36	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1094341	1098111	1118388	1103613	1.17	cps
Magnesium	24-2	3016551	2888535	2944564	2949883	2.18	cps
Manganese	55-2	2261063	2235126	2202598	2232929	1.31	cps
Molybdenum	94-1	3300434	3373858	3326865	3333719	1.12	cps
Molybdenum	95-1	4106433	4100545	4152621	4119866	0.69	cps
Molybdenum	96-1	4569479	4566235	4600604	4578773	0.41	cps
Molybdenum	97-1	2519356	2540677	2548357	2536130	0.59	cps
Molybdenum	98-1	6439657	6546400	6493516	6493191	0.82	cps
Neodymium	150-1	60	40	33	44	31.23	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	237845	237895	236470	237403	0.34	cps
Phosphorus	31-2	12914	12489	12681	12695	1.68	cps
Potassium	39-2	1134332	1132843	1133218	1133465	0.07	cps
Rhodium	103-1	3261140	3298161	3289609	3282970	0.59	cps
Rhodium	103-2	1546982	1648148	1671344	1622158	4.08	cps
Scandium	45-1	2422810	2450106	2501718	2458211	1.63	cps
Scandium	45-2	72372	76194	75872	74813	2.83	cps
Selenium	77-2	803	813	863	827	3.89	cps
Selenium	78-2	2804	2858	2764	2808	1.68	cps
Selenium	82-1	27337	27456	27957	27583	1.19	cps
Silicon	28-1	1538190	1603052	1637606	1592950	3.17	cps
Silver	109-1	1972739	1956235	1970957	1966644	0.46	cps
Silver	107-1	2041176	2067805	2060349	2056443	0.67	cps
Sodium	23-2	5717895	5626907	5600375	5648392	1.09	cps
Strontium	86-1	512022	519127	512312	514487	0.78	cps
Strontium	88-1	4391728	4461367	4436337	4429811	0.80	cps
Sulfur	34-1	698507	698505	701091	699368	0.21	cps
Terbium	159-1	3696360	3760016	3859887	3772088	2.19	cps
Terbium	159-2	1705911	1834048	1833050	1791003	4.11	cps
Thallium	203-1	1140000	1151657	1159423	1150360	0.85	cps
Thallium	205-1	2724779	2796017	2722247	2747681	1.52	cps
Tin	118-1	1210434	1235479	1223063	1222992	1.02	cps
Titanium	47-1	1239341	1249692	1254341	1247791	0.62	cps
Uranium	238-1	3669500	3610952	3651994	3644149	0.82	cps
Vanadium	51-2	380939	378976	377922	379279	0.40	cps
Yttrium	89-1	5177376	5182757	5177670	5179268	0.06	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	PB128546BS	Instrumnet Name :	P8
Client Sample ID :	PB128546BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:53:36	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	539998	578261	585438	567899	4.30	cps
Zinc	66-2	878637	882726	880743	880702	0.23	cps
Zirconium	90-1	2786510	2844635	2860878	2830674	1.38	cps
Zirconium	91-1	617471	627622	631054	625382	1.13	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01RE	Instrumnet Name :	P8
Client Sample ID :	400416753.0RE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:56:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2808	2798	2916	2840	2.30	cps
Antimony	121-1	1617	1725	1700	1681	3.38	cps
Arsenic	75-2	35	36	44	38	12.87	cps
Barium	135-1	8478	7886	8036	8133	3.78	cps
Barium	137-1	14049	14592	13916	14186	2.52	cps
Beryllium	9-1	112	66	84	87	26.54	cps
Bismuth	209-1	2673377	2655554	2638702	2655878	0.65	cps
Bismuth	209-2	1575452	1573441	1577169	1575354	0.12	cps
Boron	11-1	142271	167783	183246	164433	12.58	cps
Boron	10-1	29592	34600	37931	34041	12.33	cps
Bromine	81-1	7620	8892	10074	8862	13.85	cps
Cadmium	106-1	1442	1400	1358	1400	2.98	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Cadmium	111-1	1017	998	977	997	2.03	cps
Calcium	43-1	16985	16159	16543	16563	2.50	cps
Calcium	44-1	286946	289285	289989	288740	0.55	cps
Chromium	52-2	1347	1540	1550	1479	7.75	cps
Cobalt	59-2	63	60	53	59	8.65	cps
Copper	63-2	9850	9717	9590	9719	1.34	cps
Dysprosium	156-1	75	25	108	69	60.40	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	23	27	10	20	44.10	cps
Holmium	165-1	4231693	4261433	4216336	4236487	0.54	cps
Holmium	165-2	2144768	2122844	2144768	2137460	0.59	cps
Indium	115-1	4019992	4028847	3992170	4013670	0.48	cps
Indium	115-2	640631	633119	629496	634416	0.90	cps
Iron	54-2	3173	3317	3489	3326	4.77	cps
Iron	56-2	57747	55854	57461	57021	1.79	cps
Iron	57-2	1378	1322	1528	1409	7.55	cps
Krypton	83-1	347	383	420	383	9.57	cps
Lead	207-1	2217	2139	2222	2193	2.13	cps
Lead	208-1	9918	10441	10163	10174	2.57	cps
Lead	206-1	2461	2545	2450	2485	2.08	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01RE	Instrumnet Name :	P8
Client Sample ID :	400416753.0RE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:56:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1321358	1295390	1283710	1300152	1.48	cps
Magnesium	24-2	29923	30541	29088	29850	2.44	cps
Manganese	55-2	1727	1727	1710	1721	0.56	cps
Molybdenum	94-1	1583	1784	1500	1622	8.98	cps
Molybdenum	95-1	2300	2675	2342	2439	8.43	cps
Molybdenum	96-1	2917	2642	2784	2781	4.95	cps
Molybdenum	97-1	1500	1400	1267	1389	8.43	cps
Molybdenum	98-1	4101	3584	3417	3701	9.63	cps
Neodymium	150-1	20	53	73	49	55.11	cps
Neodymium	150-2	10	40	20	23	65.47	cps
Nickel	60-2	190	170	243	201	18.85	cps
Phosphorus	31-2	183	242	275	233	19.88	cps
Potassium	39-2	202911	206723	201855	203830	1.26	cps
Rhodium	103-1	3885955	3919048	3920047	3908350	0.50	cps
Rhodium	103-2	1973820	1917181	1886304	1925768	2.30	cps
Scandium	45-1	2869521	2894256	2879418	2881065	0.43	cps
Scandium	45-2	87568	86786	87702	87352	0.57	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	38	30	37	35	12.45	cps
Selenium	82-1	-16	-88	-135	-80	-75.32	cps
Silicon	28-1	9829544	9792798	9521848	9714730	1.73	cps
Silver	109-1	225	325	250	267	19.51	cps
Silver	107-1	308	283	350	314	10.73	cps
Sodium	23-2	13063701	12982381	12879979	12975354	0.71	cps
Strontium	86-1	68979	70067	69665	69570	0.79	cps
Strontium	88-1	597938	602586	591728	597417	0.91	cps
Sulfur	34-1	565729	566367	561367	564487	0.48	cps
Terbium	159-1	4476367	4485792	4492136	4484765	0.18	cps
Terbium	159-2	2109634	2131656	2076044	2105778	1.33	cps
Thallium	203-1	1275	1533	1408	1406	9.19	cps
Thallium	205-1	2934	3234	2925	3031	5.80	cps
Tin	118-1	1050	1142	1367	1186	13.74	cps
Titanium	47-1	2351	1442	2026	1940	23.76	cps
Uranium	238-1	125	83	58	89	37.88	cps
Vanadium	51-2	240	160	203	201	19.91	cps
Yttrium	89-1	5989802	6140646	5968715	6033054	1.55	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01RE	Instrumnet Name :	P8
Client Sample ID :	400416753.0RE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:56:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	672987	663956	655428	664124	1.32	cps
Zinc	66-2	3330	3347	3557	3412	3.70	cps
Zirconium	90-1	633	750	1083	822	28.41	cps
Zirconium	91-1	225	342	158	242	38.41	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:59:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2784	2690	2854	2776	2.96	cps
Antimony	121-1	1292	1642	1658	1531	13.53	cps
Arsenic	75-2	45	21	32	33	36.78	cps
Barium	135-1	8078	8478	8561	8372	3.09	cps
Barium	137-1	14358	13565	13223	13716	4.24	cps
Beryllium	9-1	62	62	72	65	8.84	cps
Bismuth	209-1	2694113	2642810	2532914	2623279	3.14	cps
Bismuth	209-2	1580833	1570886	1571068	1574262	0.36	cps
Boron	11-1	150420	174697	190120	171746	11.65	cps
Boron	10-1	30852	35700	38971	35174	11.61	cps
Bromine	81-1	8581	9733	11156	9824	13.13	cps
Cadmium	106-1	1442	1375	1433	1417	2.56	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Cadmium	111-1	1024	969	1013	1002	2.89	cps
Calcium	43-1	16268	15317	16118	15901	3.22	cps
Calcium	44-1	287788	285714	282555	285352	0.92	cps
Chromium	52-2	1237	1343	1280	1287	4.17	cps
Cobalt	59-2	60	37	100	66	48.86	cps
Copper	63-2	9080	8773	9156	9003	2.25	cps
Dysprosium	156-1	33	33	42	36	13.33	cps
Dysprosium	156-2	30	13	53	32	62.36	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	23	10	23	19	40.75	cps
Gadolinium	160-1	92	108	25	75	58.80	cps
Gadolinium	160-2	20	37	30	29	29.04	cps
Holmium	165-1	4175980	4212911	4105703	4164865	1.31	cps
Holmium	165-2	2150302	2118506	2128427	2132412	0.76	cps
Indium	115-1	4090363	3908754	4016914	4005343	2.28	cps
Indium	115-2	633828	623752	629573	629051	0.80	cps
Iron	54-2	3634	3084	3284	3334	8.35	cps
Iron	56-2	53462	53925	52408	53265	1.46	cps
Iron	57-2	1361	1350	1445	1385	3.73	cps
Krypton	83-1	357	393	353	368	6.03	cps
Lead	207-1	1906	1695	1950	1850	7.38	cps
Lead	208-1	8579	8312	8885	8592	3.33	cps
Lead	206-1	2245	2067	2045	2119	5.17	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:59:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1329497	1267101	1292303	1296301	2.42	cps
Magnesium	24-2	28829	28804	29029	28887	0.43	cps
Manganese	55-2	1637	1677	1743	1686	3.20	cps
Molybdenum	94-1	1400	1542	1433	1458	5.08	cps
Molybdenum	95-1	2200	1859	2050	2036	8.41	cps
Molybdenum	96-1	2550	2225	2209	2328	8.28	cps
Molybdenum	97-1	1233	1425	1392	1350	7.59	cps
Molybdenum	98-1	3526	3567	3200	3431	5.85	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	17	27	20	21	24.12	cps
Nickel	60-2	170	143	153	156	8.66	cps
Phosphorus	31-2	417	292	258	322	25.91	cps
Potassium	39-2	200603	198940	196903	198815	0.93	cps
Rhodium	103-1	3969093	3930090	3832895	3910693	1.79	cps
Rhodium	103-2	1940416	1917655	1883430	1913834	1.50	cps
Scandium	45-1	2904838	2813976	2819687	2846167	1.79	cps
Scandium	45-2	86324	86361	86237	86307	0.07	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	39	46	42	42	8.30	cps
Selenium	82-1	-44	-82	-26	-51	-56.18	cps
Silicon	28-1	9628330	9526354	9498208	9550964	0.72	cps
Silver	109-1	175	217	233	208	14.42	cps
Silver	107-1	250	300	358	303	17.91	cps
Sodium	23-2	12849670	12633109	12453378	12645386	1.57	cps
Strontium	86-1	68534	68896	66642	68024	1.78	cps
Strontium	88-1	591175	587697	580365	586412	0.94	cps
Sulfur	34-1	538060	541416	541877	540451	0.39	cps
Terbium	159-1	4558620	4477799	4314326	4450249	2.80	cps
Terbium	159-2	2086123	2108651	2043818	2079531	1.58	cps
Thallium	203-1	225	142	200	189	22.64	cps
Thallium	205-1	300	333	325	319	5.43	cps
Tin	118-1	958	908	1033	967	6.51	cps
Titanium	47-1	1192	1158	1959	1436	31.52	cps
Uranium	238-1	100	58	33	64	52.72	cps
Vanadium	51-2	247	177	183	202	19.10	cps
Yttrium	89-1	6079988	6066230	5915517	6020578	1.52	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUPRE	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 14:59:21	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	666597	657714	661463	661925	0.67	cps
Zinc	66-2	3701	3867	3687	3752	2.67	cps
Zirconium	90-1	617	592	1101	770	37.27	cps
Zirconium	91-1	158	158	242	186	25.87	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01	Instrumnet Name :	P8
Client Sample ID :	400416753.0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2442	2222	2344	2336	4.72	cps
Antimony	121-1	608	817	867	764	17.94	cps
Arsenic	75-2	21	28	28	26	15.75	cps
Barium	135-1	6435	5643	6502	6193	7.71	cps
Barium	137-1	10296	10588	10905	10596	2.87	cps
Beryllium	9-1	46	58	46	50	13.86	cps
Bismuth	209-1	1997282	2040563	2055763	2031203	1.49	cps
Bismuth	209-2	1259178	1263584	1241713	1254825	0.92	cps
Boron	11-1	100752	123149	137022	120308	15.21	cps
Boron	10-1	20917	25078	28372	24789	15.07	cps
Bromine	81-1	6458	8601	10134	8398	21.99	cps
Cadmium	106-1	942	1033	975	983	4.72	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Cadmium	111-1	670	736	689	698	4.85	cps
Calcium	43-1	12698	12239	12673	12536	2.06	cps
Calcium	44-1	225690	225734	224793	225406	0.24	cps
Chromium	52-2	1497	1660	1337	1498	10.79	cps
Cobalt	59-2	83	37	77	66	38.50	cps
Copper	63-2	7232	7038	7032	7101	1.60	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	23	3	20	16	68.90	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	43	23	53	40	38.19	cps
Holmium	165-1	3196341	3223089	3249080	3222836	0.82	cps
Holmium	165-2	1704523	1730491	1674780	1703265	1.64	cps
Indium	115-1	3075791	3092919	3139658	3102789	1.07	cps
Indium	115-2	501050	507048	499019	502372	0.83	cps
Iron	54-2	2500	2867	2678	2682	6.84	cps
Iron	56-2	45618	43846	44515	44660	2.00	cps
Iron	57-2	1083	1339	1361	1261	12.24	cps
Krypton	83-1	397	427	337	387	11.85	cps
Lead	207-1	1272	1333	1439	1348	6.25	cps
Lead	208-1	5917	6212	6506	6212	4.74	cps
Lead	206-1	1461	1417	1639	1506	7.81	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01	Instrumnet Name :	P8
Client Sample ID :	400416753.0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	984278	1035380	1042477	1020712	3.11	cps
Magnesium	24-2	22768	23787	22893	23149	2.40	cps
Manganese	55-2	1393	1303	1440	1379	5.04	cps
Molybdenum	94-1	1400	1258	1217	1292	7.45	cps
Molybdenum	95-1	1667	1658	1533	1620	4.61	cps
Molybdenum	96-1	1725	1809	2150	1895	11.89	cps
Molybdenum	97-1	1058	1000	958	1006	5.00	cps
Molybdenum	98-1	2517	2850	2725	2698	6.24	cps
Neodymium	150-1	47	60	67	58	17.62	cps
Neodymium	150-2	17	7	23	16	53.90	cps
Nickel	60-2	150	170	207	176	16.37	cps
Phosphorus	31-2	217	350	292	286	23.36	cps
Potassium	39-2	159077	158675	157671	158474	0.46	cps
Rhodium	103-1	2998312	3089342	3105482	3064379	1.89	cps
Rhodium	103-2	1520672	1528146	1508177	1518999	0.66	cps
Scandium	45-1	2202926	2232014	2263356	2232766	1.35	cps
Scandium	45-2	69269	69966	69584	69606	0.50	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	38	39	26	34	21.07	cps
Selenium	82-1	-36	-55	18	-25	-153.85	cps
Silicon	28-1	7348194	7352699	7630106	7443666	2.17	cps
Silver	109-1	125	75	192	131	44.83	cps
Silver	107-1	158	117	242	172	36.96	cps
Sodium	23-2	9939914	10029892	9719624	9896476	1.61	cps
Strontium	86-1	53060	54164	53118	53447	1.16	cps
Strontium	88-1	445657	447689	460870	451405	1.83	cps
Sulfur	34-1	518215	514235	510395	514281	0.76	cps
Terbium	159-1	3379021	3518170	3542675	3479955	2.54	cps
Terbium	159-2	1688413	1715205	1662441	1688687	1.56	cps
Thallium	203-1	67	133	67	89	43.30	cps
Thallium	205-1	225	183	150	186	20.19	cps
Tin	118-1	942	892	1083	972	10.23	cps
Titanium	47-1	1484	1300	7989	3591	106.10	cps
Uranium	238-1	67	67	117	83	34.65	cps
Vanadium	51-2	243	130	140	171	36.67	cps
Yttrium	89-1	4633691	4694513	4822226	4716810	2.04	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01	Instrumnet Name :	P8
Client Sample ID :	400416753.0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	526693	535165	524338	528732	1.08	cps
Zinc	66-2	3194	3167	3377	3246	3.52	cps
Zirconium	90-1	1226	492	859	859	42.76	cps
Zirconium	91-1	200	175	108	161	29.41	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUP	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:11:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2516	2358	2280	2384	5.04	cps
Antimony	121-1	742	1067	1200	1003	23.51	cps
Arsenic	75-2	38	24	35	32	22.80	cps
Barium	135-1	6185	6268	6385	6279	1.60	cps
Barium	137-1	10855	11297	10721	10958	2.75	cps
Beryllium	9-1	34	46	36	39	16.63	cps
Bismuth	209-1	2048348	2049102	2119487	2072312	1.97	cps
Bismuth	209-2	1281605	1219239	1278330	1259725	2.79	cps
Boron	11-1	121763	139995	152622	138127	11.23	cps
Boron	10-1	24498	28848	31688	28344	12.78	cps
Bromine	81-1	8361	9964	10895	9740	13.16	cps
Cadmium	106-1	1033	1008	1125	1056	5.82	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	723	708	811	747	7.44	cps
Calcium	43-1	12406	12881	12881	12723	2.16	cps
Calcium	44-1	223669	227005	229036	226570	1.20	cps
Chromium	52-2	1563	1517	1447	1509	3.89	cps
Cobalt	59-2	50	70	60	60	16.67	cps
Copper	63-2	7002	7115	7279	7132	1.95	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	23	7	10	13	66.12	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	17	30	10	19	53.91	cps
Holmium	165-1	3307118	3289743	3334461	3310440	0.68	cps
Holmium	165-2	1744934	1631525	1730608	1702355	3.63	cps
Indium	115-1	3187860	3190432	3172987	3183760	0.30	cps
Indium	115-2	515030	490146	510465	505214	2.62	cps
Iron	54-2	2689	2839	2428	2652	7.85	cps
Iron	56-2	46611	44253	43528	44797	3.60	cps
Iron	57-2	1245	1122	1167	1178	5.25	cps
Krypton	83-1	317	383	433	378	15.49	cps
Lead	207-1	1222	1245	1278	1248	2.24	cps
Lead	208-1	5639	5934	5645	5740	2.94	cps
Lead	206-1	1522	1528	1400	1483	4.87	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUP	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:11:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1038558	1068369	1052981	1053302	1.42	cps
Magnesium	24-2	24054	23954	23344	23784	1.61	cps
Manganese	55-2	1373	1400	1390	1388	0.97	cps
Molybdenum	94-1	1117	2380	1225	1574	44.49	cps
Molybdenum	95-1	1700	1483	1825	1670	10.36	cps
Molybdenum	96-1	1900	1967	1859	1909	2.86	cps
Molybdenum	97-1	967	1050	1125	1047	7.56	cps
Molybdenum	98-1	2542	2634	2809	2661	5.09	cps
Neodymium	150-1	33	20	40	31	32.73	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	180	187	173	180	3.70	cps
Phosphorus	31-2	283	242	208	244	15.37	cps
Potassium	39-2	161420	161673	158993	160695	0.92	cps
Rhodium	103-1	3142707	3131902	3068917	3114509	1.28	cps
Rhodium	103-2	1596056	1488929	1555766	1546917	3.50	cps
Scandium	45-1	2281736	2313918	2280686	2292113	0.82	cps
Scandium	45-2	71825	67685	69986	69832	2.97	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	23	26	36	28	24.02	cps
Selenium	82-1	46	-66	-120	-47	-182.22	cps
Silicon	28-1	7434045	7548690	7648654	7543797	1.42	cps
Silver	109-1	200	117	133	150	29.40	cps
Silver	107-1	142	158	233	178	27.47	cps
Sodium	23-2	10148161	10146688	10086069	10126972	0.35	cps
Strontium	86-1	52265	53863	53612	53247	1.61	cps
Strontium	88-1	452667	452641	464114	456474	1.45	cps
Sulfur	34-1	506135	504385	507050	505856	0.27	cps
Terbium	159-1	3532253	3640643	3584237	3585711	1.51	cps
Terbium	159-2	1707771	1611325	1735681	1684926	3.87	cps
Thallium	203-1	33	50	17	33	50.00	cps
Thallium	205-1	117	167	125	136	19.68	cps
Tin	118-1	842	1008	892	914	9.36	cps
Titanium	47-1	1684	1617	1183	1495	18.17	cps
Uranium	238-1	17	8	50	25	88.19	cps
Vanadium	51-2	170	163	210	181	13.93	cps
Yttrium	89-1	4710381	4741970	4770549	4740967	0.63	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01DUP	Instrumnet Name :	P8
Client Sample ID :	400416753.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:11:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	544273	514091	536531	531631	2.95	cps
Zinc	66-2	2667	2570	2600	2612	1.89	cps
Zirconium	90-1	400	658	617	558	24.84	cps
Zirconium	91-1	142	300	342	261	40.42	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01LX5	Instrumnet Name :	P8
Client Sample ID :	400416753.0L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-29 15:14:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	658	810	725	10.68	cps
Antimony	121-1	125	108	142	125	13.33	cps
Arsenic	75-2	5	10	9	8	33.07	cps
Barium	135-1	1275	1450	1292	1339	7.21	cps
Barium	137-1	2550	2109	2100	2253	11.43	cps
Beryllium	9-1	22	48	48	39	38.16	cps
Bismuth	209-1	2161555	2171794	2174932	2169427	0.32	cps
Bismuth	209-2	1313335	1313130	1204398	1276954	4.92	cps
Boron	11-1	51991	54046	54897	53644	2.79	cps
Boron	10-1	10622	11286	11140	11016	3.17	cps
Bromine	81-1	4946	4706	4986	4879	3.11	cps
Cadmium	106-1	1108	1292	1050	1150	10.97	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Cadmium	111-1	781	908	778	822	9.06	cps
Calcium	43-1	3084	3259	3184	3175	2.77	cps
Calcium	44-1	69493	69795	69921	69736	0.32	cps
Chromium	52-2	1153	1163	1233	1183	3.68	cps
Cobalt	59-2	47	30	7	28	72.33	cps
Copper	63-2	2087	2174	2000	2087	4.15	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	3463875	3453151	3385397	3434141	1.24	cps
Holmium	165-2	1780861	1814124	1658152	1751046	4.69	cps
Indium	115-1	3319681	3325978	3314726	3320128	0.17	cps
Indium	115-2	530465	530970	487466	516300	4.84	cps
Iron	54-2	789	894	850	844	6.28	cps
Iron	56-2	11321	11917	11811	11683	2.72	cps
Iron	57-2	306	278	306	296	5.41	cps
Krypton	83-1	380	417	370	389	6.32	cps
Lead	207-1	544	522	528	532	2.18	cps
Lead	208-1	2417	2372	2417	2402	1.07	cps
Lead	206-1	661	656	567	628	8.44	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01LX5	Instrumnet Name :	P8
Client Sample ID :	400416753.0L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-29 15:14:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1082566	1086353	1072485	1080468	0.66	cps
Magnesium	24-2	5476	4793	5268	5179	6.77	cps
Manganese	55-2	347	397	317	353	11.44	cps
Molybdenum	94-1	300	233	300	278	13.86	cps
Molybdenum	95-1	425	475	358	419	13.95	cps
Molybdenum	96-1	525	558	583	556	5.27	cps
Molybdenum	97-1	283	225	217	242	15.03	cps
Molybdenum	98-1	567	492	467	508	10.24	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	107	147	120	124	16.37	cps
Phosphorus	31-2	142	117	125	128	9.96	cps
Potassium	39-2	47612	47796	48382	47930	0.84	cps
Rhodium	103-1	3310169	3228453	3251520	3263381	1.29	cps
Rhodium	103-2	1627267	1615397	1518578	1587081	3.76	cps
Scandium	45-1	2401057	2398397	2329988	2376481	1.70	cps
Scandium	45-2	72974	74153	67622	71583	4.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	33	36	33	10.75	cps
Selenium	82-1	-39	-57	-14	-37	-58.22	cps
Silicon	28-1	2044818	2110816	2059508	2071714	1.67	cps
Silver	109-1	75	83	58	72	17.62	cps
Silver	107-1	117	83	142	114	25.69	cps
Sodium	23-2	2177994	2160025	2198185	2178734	0.88	cps
Strontium	86-1	12114	11797	11622	11844	2.11	cps
Strontium	88-1	97162	96717	98933	97604	1.20	cps
Sulfur	34-1	487747	489289	487694	488243	0.19	cps
Terbium	159-1	3671945	3636184	3627792	3645307	0.64	cps
Terbium	159-2	1757900	1772076	1661540	1730505	3.48	cps
Thallium	203-1	50	25	25	33	43.30	cps
Thallium	205-1	75	133	67	92	39.63	cps
Tin	118-1	417	467	325	403	17.84	cps
Titanium	47-1	633	742	1067	814	27.72	cps
Uranium	238-1	0	42	17	19	107.85	cps
Vanadium	51-2	43	50	47	47	7.15	cps
Yttrium	89-1	4962912	5031864	4903660	4966145	1.29	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01LX5	Instrumnet Name :	P8
Client Sample ID :	400416753.0L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-29 15:14:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	558802	567369	512650	546273	5.39	cps
Zinc	66-2	660	677	667	668	1.26	cps
Zirconium	90-1	183	192	275	217	23.40	cps
Zirconium	91-1	33	83	33	50	57.75	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MS	Instrumnet Name :	P8
Client Sample ID :	400416753.0MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:16:57	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35963	35551	35247	35587	1.01	cps
Antimony	121-1	2457975	2370053	2361976	2396668	2.22	cps
Arsenic	75-2	85866	85420	85772	85686	0.27	cps
Barium	135-1	131880	130776	130012	130889	0.72	cps
Barium	137-1	224532	222728	220720	222660	0.86	cps
Beryllium	9-1	141068	140255	139286	140203	0.64	cps
Bismuth	209-1	2114663	2085715	2067898	2089425	1.13	cps
Bismuth	209-2	1250986	1263993	1268001	1260993	0.71	cps
Boron	11-1	167002	196028	217232	193421	13.04	cps
Boron	10-1	34582	40014	44530	39709	12.54	cps
Bromine	81-1	7360	8862	9233	8485	11.69	cps
Cadmium	106-1	13607	13323	13407	13446	1.08	cps
Cadmium	108-1	9328	9312	9291	9310	0.20	cps
Cadmium	111-1	140612	140568	140616	140599	0.02	cps
Calcium	43-1	22293	22226	22309	22276	0.20	cps
Calcium	44-1	381275	379208	378892	379792	0.34	cps
Chromium	52-2	329443	325543	326726	327237	0.61	cps
Cobalt	59-2	302160	300023	300883	301022	0.36	cps
Copper	63-2	369894	364427	364061	366127	0.89	cps
Dysprosium	156-1	80073	79244	76452	78589	2.41	cps
Dysprosium	156-2	7929	7646	7786	7787	1.82	cps
Erbium	164-1	133	100	117	117	14.29	cps
Erbium	164-2	63	63	57	61	6.29	cps
Gadolinium	160-1	142	125	225	164	32.69	cps
Gadolinium	160-2	63	87	110	87	26.93	cps
Holmium	165-1	3366887	3301530	3287255	3318557	1.28	cps
Holmium	165-2	1670990	1717695	1685651	1691445	1.41	cps
Indium	115-1	3132553	3071838	3065717	3090036	1.20	cps
Indium	115-2	493102	498313	500173	497196	0.74	cps
Iron	54-2	122700	122901	121254	122285	0.73	cps
Iron	56-2	2112394	2098900	2097246	2102847	0.40	cps
Iron	57-2	51761	50634	51208	51201	1.10	cps
Krypton	83-1	333	377	367	359	6.32	cps
Lead	207-1	1457501	1449865	1440079	1449148	0.60	cps
Lead	208-1	6766577	6765218	6663063	6731619	0.88	cps
Lead	206-1	1678958	1687831	1651493	1672761	1.13	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MS	Instrumnet Name :	P8
Client Sample ID :	400416753.0MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:16:57	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1090832	1078621	1074064	1081172	0.80	cps
Magnesium	24-2	122780	120714	119446	120980	1.39	cps
Manganese	55-2	80341	77901	78729	78990	1.57	cps
Molybdenum	94-1	332331	329735	327398	329821	0.75	cps
Molybdenum	95-1	573950	571349	562442	569247	1.06	cps
Molybdenum	96-1	620996	616526	613078	616867	0.64	cps
Molybdenum	97-1	360200	356804	354921	357309	0.75	cps
Molybdenum	98-1	908487	906390	898918	904598	0.56	cps
Neodymium	150-1	213	267	180	220	19.87	cps
Neodymium	150-2	93	67	80	80	16.66	cps
Nickel	60-2	208048	206753	208423	207742	0.42	cps
Phosphorus	31-2	6577	6810	6585	6657	1.99	cps
Potassium	39-2	538576	532617	543773	538322	1.04	cps
Rhodium	103-1	3135357	3084719	3036214	3085430	1.61	cps
Rhodium	103-2	1499110	1522425	1537517	1519684	1.27	cps
Scandium	45-1	2301165	2289309	2210219	2266898	2.18	cps
Scandium	45-2	69561	69785	70361	69902	0.59	cps
Selenium	77-2	2884	2787	2864	2845	1.79	cps
Selenium	78-2	9690	9383	9508	9527	1.62	cps
Selenium	82-1	96221	94754	94493	95156	0.98	cps
Silicon	28-1	8880624	8756202	8789729	8808851	0.73	cps
Silver	109-1	255043	255605	254172	254940	0.28	cps
Silver	107-1	266141	265839	265023	265668	0.22	cps
Sodium	23-2	10389282	10082803	10047374	10173153	1.85	cps
Strontium	86-1	233533	228832	228204	230190	1.27	cps
Strontium	88-1	1991405	1985131	1938019	1971519	1.48	cps
Sulfur	34-1	504665	495710	500659	500345	0.90	cps
Terbium	159-1	3577113	3501458	3446158	3508243	1.87	cps
Terbium	159-2	1658318	1724447	1710201	1697655	2.05	cps
Thallium	203-1	4080143	4014113	3983458	4025904	1.23	cps
Thallium	205-1	9676204	9396004	9388368	9486859	1.73	cps
Tin	118-1	1526991	1507332	1498389	1510904	0.97	cps
Titanium	47-1	92974	86729	89663	89789	3.48	cps
Uranium	238-1	117	158	158	144	16.66	cps
Vanadium	51-2	197222	195030	195239	195830	0.62	cps
Yttrium	89-1	4879417	4723517	4740187	4781040	1.79	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MS	Instrumnet Name :	P8
Client Sample ID :	400416753.0MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:16:57	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	525761	536700	538885	533782	1.32	cps
Zinc	66-2	35414	35197	35585	35399	0.55	cps
Zirconium	90-1	1533	1442	1809	1595	11.97	cps
Zirconium	91-1	583	525	417	508	16.64	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MSD	Instrumnet Name :	P8
Client Sample ID :	400416753.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:19:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35546	36344	35273	35721	1.56	cps
Antimony	121-1	2365782	2389440	2374270	2376497	0.50	cps
Arsenic	75-2	87034	87079	87460	87191	0.27	cps
Barium	135-1	128439	131719	133133	131097	1.84	cps
Barium	137-1	219382	225201	226657	223746	1.72	cps
Beryllium	9-1	138729	141982	142015	140909	1.34	cps
Bismuth	209-1	2044258	2074084	2096730	2071691	1.27	cps
Bismuth	209-2	1269874	1282321	1281794	1277996	0.55	cps
Boron	11-1	185882	214947	237108	212645	12.08	cps
Boron	10-1	38683	44257	48670	43870	11.41	cps
Bromine	81-1	8411	9823	11366	9867	14.98	cps
Cadmium	106-1	13465	13974	14032	13824	2.26	cps
Cadmium	108-1	9274	9349	9708	9444	2.45	cps
Cadmium	111-1	139495	142171	143362	141676	1.40	cps
Calcium	43-1	22944	23002	24029	23325	2.62	cps
Calcium	44-1	374966	373273	387376	378538	2.03	cps
Chromium	52-2	336422	335003	332317	334581	0.62	cps
Cobalt	59-2	307330	307294	306713	307112	0.11	cps
Copper	63-2	375026	373718	373692	374145	0.20	cps
Dysprosium	156-1	76469	77147	78707	77441	1.48	cps
Dysprosium	156-2	7902	8002	7929	7945	0.65	cps
Erbium	164-1	133	250	150	178	35.49	cps
Erbium	164-2	40	40	73	51	37.65	cps
Gadolinium	160-1	150	92	192	144	34.77	cps
Gadolinium	160-2	83	107	50	80	35.60	cps
Holmium	165-1	3299512	3304829	3346411	3316917	0.77	cps
Holmium	165-2	1728242	1713555	1726562	1722787	0.47	cps
Indium	115-1	3141461	3133299	3169332	3148031	0.60	cps
Indium	115-2	507864	505261	503039	505388	0.48	cps
Iron	54-2	123921	124341	124727	124330	0.32	cps
Iron	56-2	2102257	2107717	2097005	2102326	0.25	cps
Iron	57-2	52218	51939	50790	51649	1.46	cps
Krypton	83-1	417	403	307	376	15.99	cps
Lead	207-1	1428534	1457962	1478546	1455014	1.73	cps
Lead	208-1	6599928	6755517	6900200	6751882	2.22	cps
Lead	206-1	1643596	1653625	1687381	1661534	1.38	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MSD	Instrumnet Name :	P8
Client Sample ID :	400416753.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:19:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1094786	1089126	1116953	1100288	1.34	cps
Magnesium	24-2	123320	122881	120269	122157	1.35	cps
Manganese	55-2	79359	78669	79305	79111	0.49	cps
Molybdenum	94-1	322794	330296	329120	327403	1.23	cps
Molybdenum	95-1	564681	578427	578447	573852	1.38	cps
Molybdenum	96-1	604148	622971	623458	616859	1.78	cps
Molybdenum	97-1	350889	359330	359846	356689	1.41	cps
Molybdenum	98-1	901195	912200	924806	912734	1.29	cps
Neodymium	150-1	173	247	173	198	21.41	cps
Neodymium	150-2	77	100	77	84	15.95	cps
Nickel	60-2	209871	212604	209361	210612	0.83	cps
Phosphorus	31-2	6793	6985	6852	6877	1.43	cps
Potassium	39-2	542357	548840	541245	544147	0.75	cps
Rhodium	103-1	3129937	3081839	3133341	3115039	0.92	cps
Rhodium	103-2	1540777	1582608	1586962	1570116	1.62	cps
Scandium	45-1	2274877	2245873	2287139	2269296	0.93	cps
Scandium	45-2	70455	69919	70096	70157	0.39	cps
Selenium	77-2	2860	2874	2850	2861	0.41	cps
Selenium	78-2	9748	9685	9634	9689	0.59	cps
Selenium	82-1	94189	95507	96829	95508	1.38	cps
Silicon	28-1	8836432	8942595	9384380	9054469	3.21	cps
Silver	109-1	251310	249198	256300	252269	1.45	cps
Silver	107-1	261435	266223	266682	264780	1.10	cps
Sodium	23-2	10351883	10348854	10247593	10316110	0.58	cps
Strontium	86-1	227901	233035	233365	231434	1.32	cps
Strontium	88-1	1958845	2022963	2013190	1998332	1.73	cps
Sulfur	34-1	489154	483838	485490	486161	0.56	cps
Terbium	159-1	3473998	3548765	3530151	3517638	1.11	cps
Terbium	159-2	1684572	1731808	1685091	1700490	1.60	cps
Thallium	203-1	3971044	4036744	4083639	4030476	1.40	cps
Thallium	205-1	9375569	9408744	9592732	9459015	1.24	cps
Tin	118-1	1486587	1519258	1533774	1513207	1.60	cps
Titanium	47-1	88137	90216	91920	90091	2.10	cps
Uranium	238-1	100	92	133	108	20.35	cps
Vanadium	51-2	199470	197043	199584	198699	0.72	cps
Yttrium	89-1	4803414	4765183	4814063	4794220	0.54	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01MSD	Instrumnet Name :	P8
Client Sample ID :	400416753.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:19:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	540482	540039	540667	540396	0.06	cps
Zinc	66-2	35976	35765	35137	35626	1.22	cps
Zirconium	90-1	1267	1142	1242	1217	5.44	cps
Zirconium	91-1	417	417	583	472	20.38	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01A	Instrumnet Name :	P8
Client Sample ID :	400416753.0A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:22:35	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35680	35532	34909	35374	1.16	cps
Antimony	121-1	2375831	2346403	2391456	2371230	0.96	cps
Arsenic	75-2	87354	87085	87068	87169	0.18	cps
Barium	135-1	128034	130567	132384	130328	1.68	cps
Barium	137-1	221254	223034	229158	224482	1.85	cps
Beryllium	9-1	137425	141084	142191	140233	1.78	cps
Bismuth	209-1	2048626	2080108	2112293	2080342	1.53	cps
Bismuth	209-2	1300083	1297816	1275417	1291105	1.06	cps
Boron	11-1	195090	225121	246359	222190	11.59	cps
Boron	10-1	39978	46670	50476	45708	11.63	cps
Bromine	81-1	9102	10244	10685	10010	8.16	cps
Cadmium	106-1	13782	13590	14108	13827	1.89	cps
Cadmium	108-1	9545	9349	9470	9455	1.05	cps
Cadmium	111-1	138251	142849	143043	141381	1.92	cps
Calcium	43-1	22209	21934	22577	22240	1.45	cps
Calcium	44-1	370775	376173	382681	376543	1.58	cps
Chromium	52-2	332245	333487	327747	331160	0.91	cps
Cobalt	59-2	305888	302471	300671	303010	0.87	cps
Copper	63-2	373237	366476	367969	369227	0.96	cps
Dysprosium	156-1	74156	77483	79411	77017	3.45	cps
Dysprosium	156-2	7952	7472	7592	7672	3.26	cps
Erbium	164-1	67	92	75	78	16.37	cps
Erbium	164-2	53	40	77	57	32.76	cps
Gadolinium	160-1	150	142	125	139	9.17	cps
Gadolinium	160-2	60	60	87	69	22.35	cps
Holmium	165-1	3285921	3302954	3367013	3318629	1.29	cps
Holmium	165-2	1766001	1750748	1726648	1747799	1.14	cps
Indium	115-1	3132762	3154153	3153065	3146660	0.38	cps
Indium	115-2	511068	506309	502862	506746	0.81	cps
Iron	54-2	125210	122957	122329	123499	1.23	cps
Iron	56-2	2091063	2079661	2054416	2075047	0.90	cps
Iron	57-2	52067	51605	50707	51459	1.34	cps
Krypton	83-1	397	483	437	439	9.88	cps
Lead	207-1	1437755	1463213	1462070	1454346	0.99	cps
Lead	208-1	6711785	6721244	6779437	6737489	0.54	cps
Lead	206-1	1648923	1659812	1670084	1659606	0.64	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01A	Instrumnet Name :	P8
Client Sample ID :	400416753.0A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:22:35	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1111124	1110800	1112903	1111609	0.10	cps
Magnesium	24-2	122335	120597	119688	120873	1.11	cps
Manganese	55-2	80193	79003	79124	79440	0.82	cps
Molybdenum	94-1	328588	333251	337069	332969	1.28	cps
Molybdenum	95-1	566470	581024	587174	578223	1.84	cps
Molybdenum	96-1	608870	623364	628587	620274	1.65	cps
Molybdenum	97-1	348084	362353	368941	359793	2.96	cps
Molybdenum	98-1	902134	921013	939999	921049	2.06	cps
Neodymium	150-1	133	173	200	169	19.87	cps
Neodymium	150-2	80	70	50	67	22.91	cps
Nickel	60-2	211261	209161	208498	209640	0.69	cps
Phosphorus	31-2	6718	6427	6552	6566	2.23	cps
Potassium	39-2	540595	531524	533992	535370	0.88	cps
Rhodium	103-1	3095016	3177714	3179864	3150864	1.54	cps
Rhodium	103-2	1559423	1546542	1564330	1556765	0.59	cps
Scandium	45-1	2295650	2258331	2313624	2289202	1.23	cps
Scandium	45-2	70807	71038	69765	70536	0.96	cps
Selenium	77-2	2724	2777	2830	2777	1.92	cps
Selenium	78-2	9737	9472	9572	9594	1.40	cps
Selenium	82-1	94421	96766	97385	96191	1.63	cps
Silicon	28-1	8863700	9023703	9064366	8983923	1.18	cps
Silver	109-1	251162	254739	256641	254180	1.09	cps
Silver	107-1	265935	270779	274934	270550	1.66	cps
Sodium	23-2	10086508	10189551	9981565	10085875	1.03	cps
Strontium	86-1	230791	233407	234517	232905	0.82	cps
Strontium	88-1	1983526	1984527	2019131	1995728	1.02	cps
Sulfur	34-1	475124	472617	474024	473921	0.27	cps
Terbium	159-1	3532235	3587028	3608778	3576014	1.10	cps
Terbium	159-2	1715843	1698301	1693780	1702641	0.68	cps
Thallium	203-1	3948957	4020446	4107844	4025749	1.98	cps
Thallium	205-1	9222067	9428127	9527786	9392660	1.66	cps
Tin	118-1	1492943	1522809	1544814	1520188	1.71	cps
Titanium	47-1	89000	90057	90535	89864	0.87	cps
Uranium	238-1	67	142	142	117	37.11	cps
Vanadium	51-2	199591	197665	194884	197380	1.20	cps
Yttrium	89-1	4794056	4865233	4905214	4854835	1.16	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	L2440-01A	Instrumnet Name :	P8
Client Sample ID :	400416753.0A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:22:35	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	542617	542301	541248	542055	0.13	cps
Zinc	66-2	35932	35491	35337	35587	0.87	cps
Zirconium	90-1	958	1575	1284	1272	24.25	cps
Zirconium	91-1	467	625	633	575	16.34	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:31:57	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946258	951895	944818	947657	0.39	cps
Antimony	121-1	1642673	1619270	1695878	1652607	2.38	cps
Arsenic	75-2	58405	58876	58644	58641	0.40	cps
Barium	135-1	1636732	1646233	1682919	1655295	1.47	cps
Barium	137-1	2856597	2800803	2851293	2836231	1.09	cps
Beryllium	9-1	388603	392265	398585	393151	1.28	cps
Bismuth	209-1	2010642	2003149	2024041	2012611	0.53	cps
Bismuth	209-2	1217216	1231216	1218272	1222235	0.64	cps
Boron	11-1	128454	148539	164635	147209	12.31	cps
Boron	10-1	26969	31353	34203	30842	11.81	cps
Bromine	81-1	2242	1892	2293	2142	10.19	cps
Cadmium	106-1	39900	42315	40794	41003	2.98	cps
Cadmium	108-1	27999	28200	28922	28374	1.71	cps
Cadmium	111-1	387040	394756	400485	394094	1.71	cps
Calcium	43-1	2244407	2217059	2276402	2245956	1.32	cps
Calcium	44-1	35623158	35832667	36082955	35846260	0.64	cps
Chromium	52-2	450693	456507	450880	452694	0.73	cps
Cobalt	59-2	791434	790450	785431	789105	0.41	cps
Copper	63-2	6002729	6062782	6039172	6034894	0.50	cps
Dysprosium	156-1	117	125	142	128	9.96	cps
Dysprosium	156-2	57	63	27	49	39.94	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	10	27	23	20	44.10	cps
Gadolinium	160-1	142	117	100	119	17.56	cps
Gadolinium	160-2	77	53	80	70	20.76	cps
Holmium	165-1	3315265	3317842	3339147	3324085	0.39	cps
Holmium	165-2	1668668	1718309	1709935	1698971	1.56	cps
Indium	115-1	3172768	3185095	3187792	3181885	0.25	cps
Indium	115-2	507086	513025	505124	508412	0.81	cps
Iron	54-2	4558312	4548938	4516608	4541286	0.48	cps
Iron	56-2	84054046	83523310	83459027	83678794	0.39	cps
Iron	57-2	2121715	2106502	2056020	2094746	1.64	cps
Krypton	83-1	420	397	437	418	4.81	cps
Lead	207-1	3996174	3972145	4058513	4008944	1.11	cps
Lead	208-1	17783329	17785274	18182137	17916913	1.28	cps
Lead	206-1	4392737	4430168	4496042	4439649	1.18	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:31:57	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	972701	995254	1022791	996915	2.52	cps
Magnesium	24-2	13017382	13009947	12670296	12899208	1.54	cps
Manganese	55-2	2096227	2076928	2068962	2080706	0.67	cps
Molybdenum	94-1	3149744	3176031	3187692	3171156	0.61	cps
Molybdenum	95-1	3832844	3786415	3898064	3839108	1.46	cps
Molybdenum	96-1	4259999	4310457	4308348	4292935	0.66	cps
Molybdenum	97-1	2405551	2391781	2427563	2408298	0.75	cps
Molybdenum	98-1	6078945	6079821	6176241	6111669	0.92	cps
Neodymium	150-1	47	87	80	71	30.13	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	217909	221947	219994	219950	0.92	cps
Phosphorus	31-2	12247	11680	11680	11869	2.76	cps
Potassium	39-2	4933152	5031868	4992206	4985742	1.00	cps
Rhodium	103-1	3010438	3070696	3015840	3032325	1.10	cps
Rhodium	103-2	1496047	1507509	1499708	1501088	0.39	cps
Scandium	45-1	2266856	2240917	2272441	2260071	0.74	cps
Scandium	45-2	69487	70033	70294	69938	0.59	cps
Selenium	77-2	780	883	727	797	10.00	cps
Selenium	78-2	2609	2620	2618	2615	0.22	cps
Selenium	82-1	25230	25588	25570	25463	0.79	cps
Silicon	28-1	1582970	1681010	1745663	1669881	4.91	cps
Silver	109-1	2057891	2054954	2111481	2074775	1.53	cps
Silver	107-1	2153013	2139175	2199434	2163874	1.46	cps
Sodium	23-2	25406495	25471270	24984834	25287533	1.04	cps
Strontium	86-1	478813	479274	487786	481958	1.05	cps
Strontium	88-1	4064802	4137116	4157403	4119774	1.18	cps
Sulfur	34-1	652013	658154	662969	657712	0.83	cps
Terbium	159-1	3512007	3529407	3519384	3520266	0.25	cps
Terbium	159-2	1676081	1716905	1692238	1695075	1.21	cps
Thallium	203-1	1062914	1072866	1087692	1074491	1.16	cps
Thallium	205-1	2535229	2593639	2675885	2601584	2.72	cps
Tin	118-1	1134259	1124890	1169795	1142981	2.07	cps
Titanium	47-1	1144062	1171649	1174647	1163452	1.45	cps
Uranium	238-1	3214289	3237883	3333705	3261959	1.94	cps
Vanadium	51-2	354224	356653	351812	354230	0.68	cps
Yttrium	89-1	4776520	4807716	4859590	4814609	0.87	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:31:57	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	534288	538150	539140	537193	0.48	cps
Zinc	66-2	809117	808535	810064	809238	0.10	cps
Zirconium	90-1	2594942	2661323	2668868	2641711	1.54	cps
Zirconium	91-1	574873	584445	594302	584540	1.66	cps

LB Number : LB108928 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-29 15:36:42 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	352	338	344	2.10	cps
Antimony	121-1	250	250	275	258	5.59	cps
Arsenic	75-2	5	6	10	7	37.80	cps
Barium	135-1	0	33	25	19	89.21	cps
Barium	137-1	42	117	108	89	46.24	cps
Beryllium	9-1	76	60	86	74	17.72	cps
Bismuth	209-1	1842906	2068306	2044694	1985302	6.24	cps
Bismuth	209-2	1264925	1263988	1249182	1259365	0.70	cps
Boron	11-1	20276	19867	19409	19851	2.18	cps
Boron	10-1	4342	4078	4192	4204	3.15	cps
Bromine	81-1	1832	1752	1972	1852	6.02	cps
Cadmium	106-1	1058	917	975	983	7.24	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Cadmium	111-1	742	645	688	692	7.01	cps
Calcium	43-1	525	367	550	481	20.69	cps
Calcium	44-1	26475	26217	26884	26525	1.27	cps
Chromium	52-2	1130	1193	1220	1181	3.91	cps
Cobalt	59-2	47	43	13	34	53.31	cps
Copper	63-2	1110	1067	1097	1091	2.03	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	2989854	3287507	3249602	3175655	5.10	cps
Holmium	165-2	1750061	1742442	1698569	1730358	1.61	cps
Indium	115-1	2834967	3134186	3120640	3029931	5.58	cps
Indium	115-2	511972	514935	511267	512725	0.38	cps
Iron	54-2	422	472	300	398	22.25	cps
Iron	56-2	3278	3506	3467	3417	3.57	cps
Iron	57-2	139	106	117	120	14.10	cps
Krypton	83-1	403	470	397	423	9.58	cps
Lead	207-1	961	995	783	913	12.43	cps
Lead	208-1	4189	4267	3939	4132	4.15	cps
Lead	206-1	1028	989	911	976	6.09	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:36:42	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	927354	1028232	1047867	1001151	6.46	cps
Magnesium	24-2	325	408	308	347	15.43	cps
Manganese	55-2	120	103	117	113	7.78	cps
Molybdenum	94-1	92	175	175	147	32.68	cps
Molybdenum	95-1	142	75	58	92	48.11	cps
Molybdenum	96-1	367	225	200	264	34.06	cps
Molybdenum	97-1	150	25	17	64	116.90	cps
Molybdenum	98-1	192	158	150	167	13.23	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	150	103	122	20.10	cps
Phosphorus	31-2	167	233	175	192	18.95	cps
Potassium	39-2	17303	18028	17269	17533	2.45	cps
Rhodium	103-1	2845923	3116219	3124145	3028762	5.23	cps
Rhodium	103-2	1581542	1581240	1563357	1575380	0.66	cps
Scandium	45-1	2107010	2209519	2268102	2194877	3.71	cps
Scandium	45-2	70592	70639	70485	70572	0.11	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	37	31	36	35	9.27	cps
Selenium	82-1	-42	-93	-2	-46	-101.08	cps
Silicon	28-1	552076	551691	544221	549329	0.81	cps
Silver	109-1	58	108	108	92	31.49	cps
Silver	107-1	117	83	100	100	16.66	cps
Sodium	23-2	18520	18729	18329	18526	1.08	cps
Strontium	86-1	633	675	550	619	10.27	cps
Strontium	88-1	183	150	150	161	11.95	cps
Sulfur	34-1	530623	526451	528982	528685	0.40	cps
Terbium	159-1	3160085	3530368	3522284	3404246	6.21	cps
Terbium	159-2	1734357	1680318	1702172	1705616	1.59	cps
Thallium	203-1	275	308	283	289	6.01	cps
Thallium	205-1	633	750	642	675	9.64	cps
Tin	118-1	242	425	383	350	27.46	cps
Titanium	47-1	725	625	642	664	8.07	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	20	0	13	11	91.66	cps
Yttrium	89-1	4288979	4683275	4784388	4585547	5.71	cps

LB Number :	LB108928	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2020-04-29 15:36:42	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	541610	542999	539707	541439	0.31	cps
Zinc	66-2	100	157	117	124	23.40	cps
Zirconium	90-1	283	225	258	256	11.45	cps
Zirconium	91-1	58	100	58	72	33.31	cps