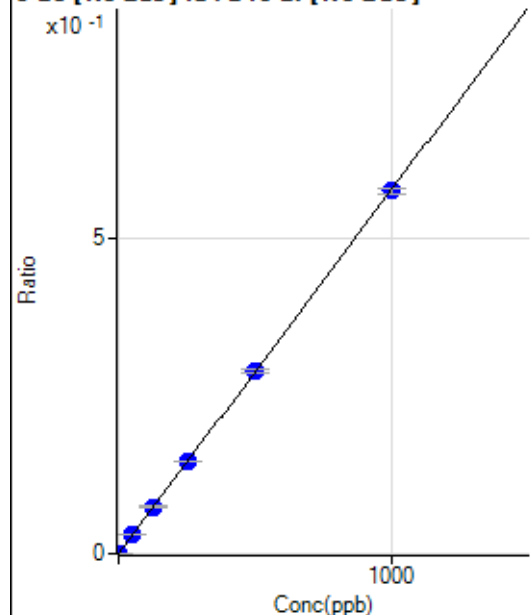


Calibration for 008CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\6020 P8121720A.b\
 Analysis File: 6020 P8121720A.batch.bin
 DA Date-Time: 2020-12-20 14:01:01
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-17 14:12:49
2	004CAL.S.d	S02	2020-12-17 14:16:01
3	005CAL.S.d	S03	2020-12-17 14:19:10
4	006CAL.S.d	S04	2020-12-17 14:22:20
5	007CAL.S.d	S05	2020-12-17 14:25:24
6	008CAL.S.d	S06	2020-12-17 14:28:24
7	009CAL.S.d	S07	2020-12-17 14:31:23
8	010CAL.S.d	S08	2020-12-17 14:34:24

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.99	0.0000	P	32.7
2	☐	1.000	0.910	673.22	0.0006	P	2.7
3	☐	50.000	52.059	38213.62	0.0301	P	1.4
4	☐	125.000	129.103	94780.68	0.0747	P	1.4
5	☐	250.000	252.570	181142.24	0.1461	P	0.9
6	☐	500.000	503.927	353402.21	0.2914	P	1.9
7	☐	1000.000	996.778	727149.81	0.5763	P	1.2
8	☐			503.91	0.0004	P	10.9

$$y = 5.7811\text{E-}004 * x + 4.1656\text{E-}005$$

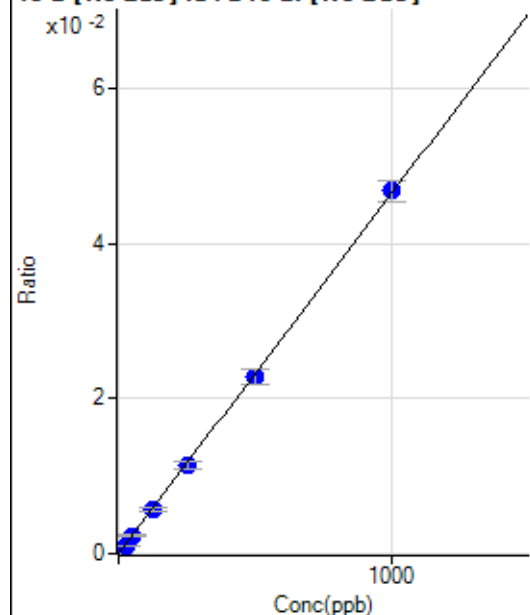
$$R = 1.0000$$

$$DL = 0.07064$$

$$BEC = 0.07206$$

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	35.99	0.0000	P	28.9
2	☐	25.000	22.742	1285.81	0.0011	P	1.3
3	☐	50.000	50.081	2982.39	0.0024	P	3.3
4	☐	125.000	122.305	7233.70	0.0057	P	7.4
5	☐	250.000	243.071	14016.60	0.0113	P	9.0
6	☐	500.000	488.802	27510.92	0.0227	P	8.7
7	☐	1000.000	1007.721	59027.99	0.0468	P	5.6
8	☐			8402.76	0.0067	P	9.1

$$y = 4.6374\text{E-}005 * x + 2.8989\text{E-}005$$

$$R = 0.9999$$

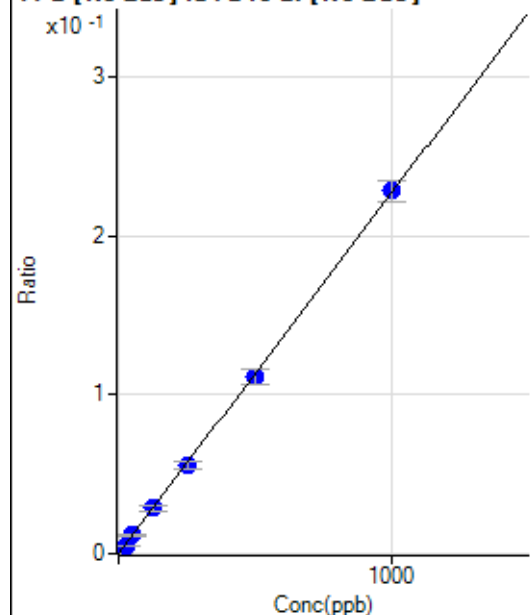
$$DL = 0.5426$$

$$BEC = 0.6251$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	199.96	0.0002	P	6.4
2	☐	25.000	21.859	6084.08	0.0051	P	4.2
3	☐	50.000	50.319	14682.45	0.0116	P	6.8
4	☐	125.000	124.719	36102.49	0.0285	P	9.2
5	☐	250.000	244.843	69087.09	0.0557	P	7.3
6	☐	500.000	491.263	135275.24	0.1116	P	8.8
7	☐	1000.000	1005.755	288206.67	0.2283	P	5.8
8	☐			41161.96	0.0330	P	9.5

$$y = 2.2685E-004 * x + 1.6077E-004$$

$$R = 0.9999$$

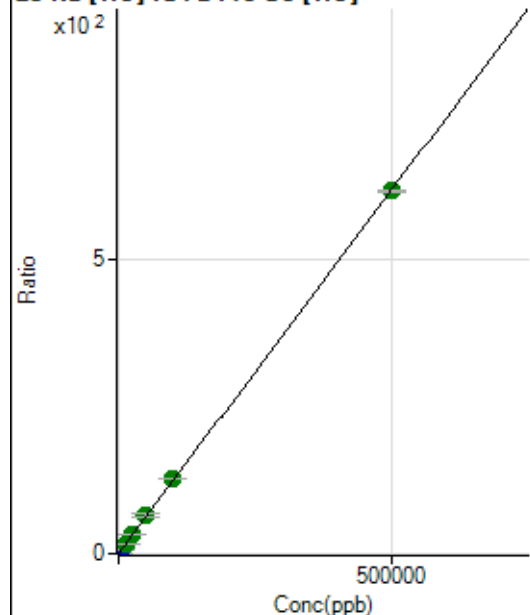
$$DL = 0.135$$

$$BEC = 0.7087$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29625.15	0.3423	P	1.8
2	☐	500.000	494.861	82838.01	0.9543	P	1.1
3	☐	5000.000	5330.904	626196.24	6.9357	P	0.8
4	☐	12500.000	13479.716	1516614.86	17.0142	A	0.9
5	☐	25000.000	25633.134	2889919.47	32.0458	A	0.8
6	☐	50000.000	52870.457	5576711.45	65.7334	A	6.0
7	☐	100000.00	103525.30	11558886.98	128.3842	A	1.4
8	☐	500000.00	498948.44	53830580.02	617.4505	A	0.8

$$y = 0.0012 * x + 0.3423$$

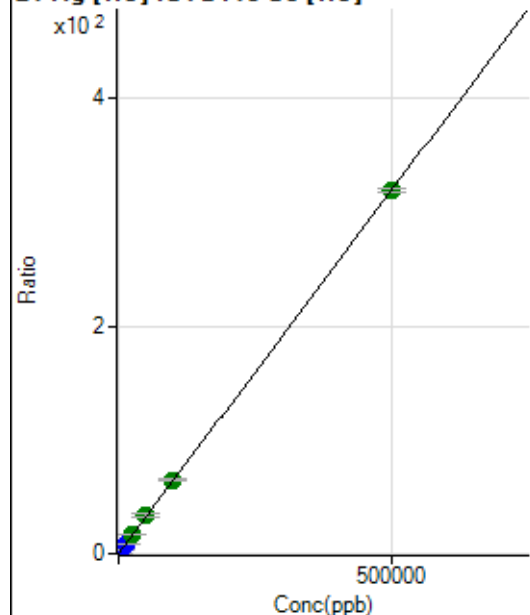
$$R = 1.0000$$

$$DL = 15.26$$

$$BEC = 276.8$$

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	630.59	0.0073	P	12.3
2	☐	500.000	467.522	26544.22	0.3058	P	1.3
3	☐	5000.000	5317.101	307190.23	3.4024	P	0.8
4	☐	12500.000	13414.114	763998.84	8.5725	P	2.0
5	☐	25000.000	25565.910	1472853.67	16.3318	A	0.6
6	☐	50000.000	52986.271	2869880.94	33.8404	A	7.0
7	☐	100000.00	101807.04	5853347.62	65.0137	A	2.1
8	☐	500000.00	499285.67	27794049.93	318.8141	A	0.9

$$y = 6.3853\text{E-}004 * x + 0.0073$$

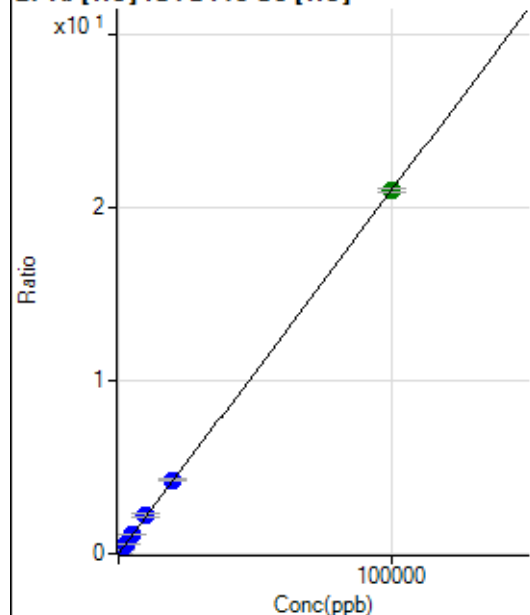
$$R = 1.0000$$

$$DL = 4.219$$

$$BEC = 11.41$$

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	336.63	0.0039	P	6.8
2	☐	20.000	21.524	729.93	0.0084	P	4.1
3	☐	1000.000	1030.064	19892.29	0.2203	P	1.4
4	☐	2500.000	2595.647	48953.39	0.5493	P	2.1
5	☐	5000.000	5038.891	95826.95	1.0627	P	0.9
6	☐	10000.000	10519.969	187834.08	2.2143	P	6.4
7	☐	20000.000	20313.365	384623.72	4.2721	P	1.6
8	☐	100000.00	99880.693	1829962.94	20.9908	A	0.9

$$y = 2.1012\text{E-}004 * x + 0.0039$$

$$R = 1.0000$$

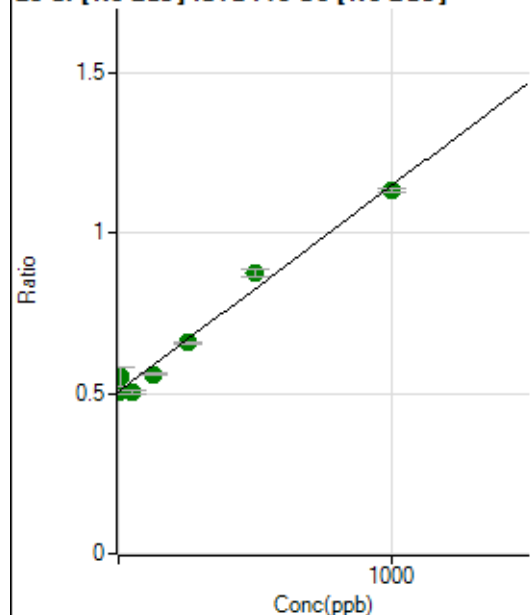
$$DL = 3.75$$

$$BEC = 18.51$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1244213.26	0.5067	A	2.3
2	☐	10.000	70.222	1287703.81	0.5518	A	10.6
3	☐	50.000	-0.490	1301684.57	0.5064	A	2.5
4	☐	125.000	81.112	1451501.76	0.5588	A	1.2
5	☐	250.000	235.453	1678508.45	0.6580	A	1.3
6	☐	500.000	574.347	2198609.03	0.8756	A	2.2
7	☐	1000.000	973.871	2927998.22	1.1323	A	0.9
8	☐			1404138.29	0.5611	A	1.0

$$y = 6.4233\text{E-}004 * x + 0.5067$$

R = 0.9910

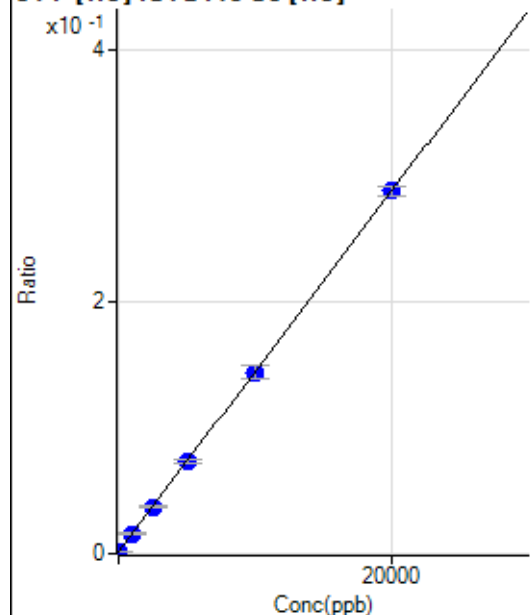
DL = 55.42

BEC = 788.9

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.220	113.89	0.0013	P	15.3
2	☐	0.000	12.220	144.45	0.0017	P	22.3
3	☐	1000.000	997.774	1422.33	0.0158	P	8.8
4	☐	2500.000	2499.753	3317.14	0.0372	P	5.5
5	☐	5000.000	5033.631	6623.90	0.0734	P	5.4
6	☐	10000.000	9961.835	12199.88	0.1439	P	7.4
7	☐	20000.000	20010.817	25884.72	0.2875	P	2.5
8	☐			152.78	0.0018	P	19.5

$$y = 1.4293\text{E-}005 * x + 0.0015$$

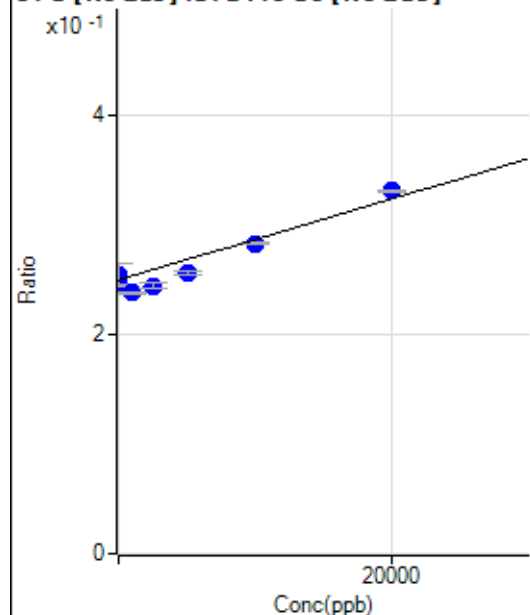
R = 1.0000

DL = 60.11

BEC = 104.3

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	-1377.851	601137.37	0.2448	P	1.3
2	☐	0.000	1377.851	595693.45	0.2550	P	8.3
3	☐	1000.000	-3124.349	612667.17	0.2383	P	0.9
4	☐	2500.000	-1401.602	635567.06	0.2447	P	1.7
5	☐	5000.000	1884.346	655222.37	0.2568	P	1.2
6	☐	10000.000	9007.329	710974.46	0.2831	P	0.6
7	☐	20000.000	21969.167	855948.57	0.3310	P	0.6
8	☐			555246.02	0.2219	P	1.2

$$y = 3.6924\text{E-}006 * x + 0.2499$$

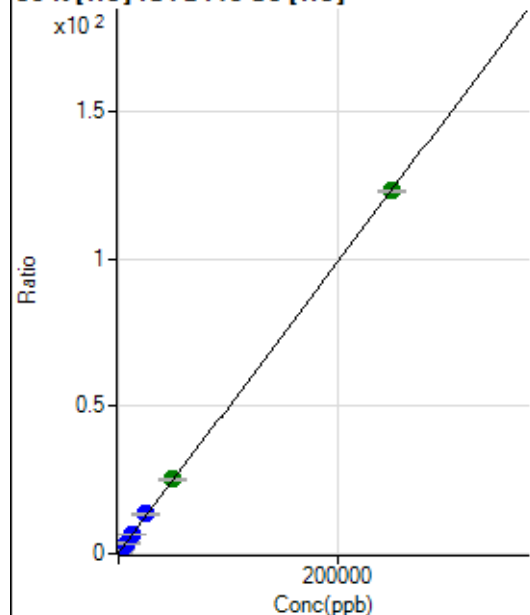
$$R = 0.9717$$

$$DL = 9975$$

$$BEC = 6.767\text{E}+04$$

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	23672.76	0.2735	P	2.0
2	☐	500.000	472.376	43914.62	0.5059	P	1.5
3	☐	2500.000	2622.382	141172.35	1.5636	P	0.8
4	☐	6250.000	6701.986	318177.72	3.5705	P	2.7
5	☐	12500.000	12894.618	596704.82	6.6169	P	0.4
6	☐	25000.000	26928.667	1146893.07	13.5209	P	6.4
7	☐	50000.000	50876.430	2277852.87	25.3018	A	2.2
8	☐	250000.00	249599.64	10729012.57	123.0623	A	0.5

$$y = 4.9194\text{E-}004 * x + 0.2735$$

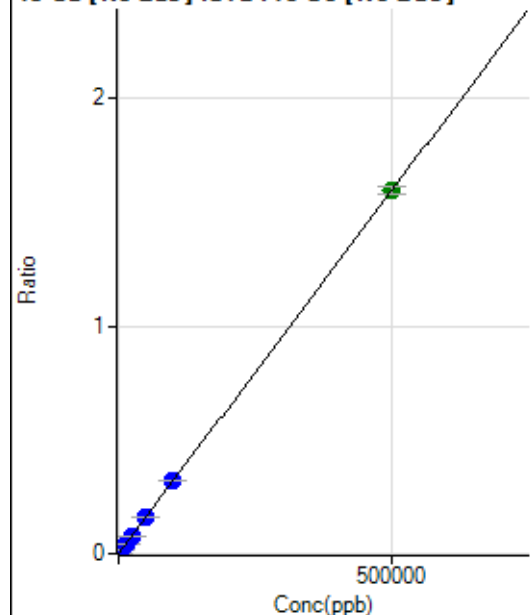
$$R = 1.0000$$

$$DL = 34.08$$

$$BEC = 556$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.65	0.0001	P	2.4
2	☐	500.000	500.499	3928.81	0.0017	P	9.6
3	☐	5000.000	5044.280	41535.00	0.0162	P	1.1
4	☐	12500.000	12618.138	104634.32	0.0403	P	2.2
5	☐	25000.000	24846.596	202156.61	0.0792	P	1.4
6	☐	50000.000	49536.013	396474.35	0.1579	P	1.5
7	☐	100000.00	100185.85	825583.60	0.3193	P	0.7
8	☐	500000.00	500013.50	3986080.39	1.5930	A	2.1

$$y = 3.1858\text{E-}006 * x + 8.8230\text{E-}005$$

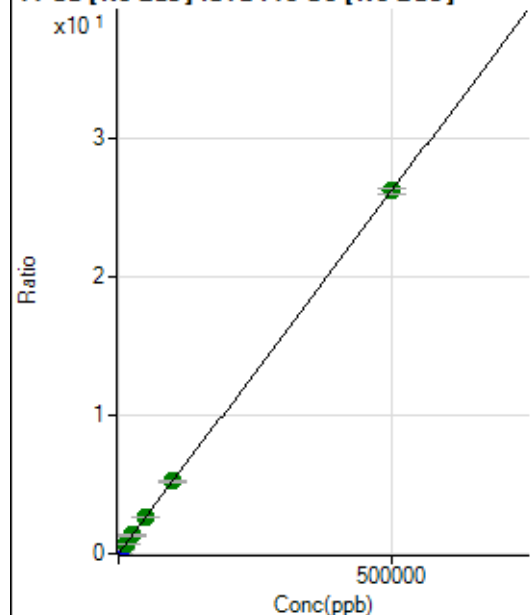
$$R = 1.0000$$

$$DL = 2.035$$

$$BEC = 27.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14570.67	0.0059	P	1.8
2	☐	500.000	510.479	76332.18	0.0327	P	7.9
3	☐	5000.000	5209.111	716423.40	0.2787	P	0.7
4	☐	12500.000	12548.408	1721994.31	0.6630	A	2.0
5	☐	25000.000	25114.757	3370180.81	1.3210	A	1.0
6	☐	50000.000	49726.127	6552776.28	2.6098	A	2.2
7	☐	100000.00	99781.275	13526121.86	5.2309	A	1.5
8	☐	500000.00	500062.08	65543178.87	26.1912	A	1.3

$$y = 5.2364\text{E-}005 * x + 0.0059$$

$$R = 1.0000$$

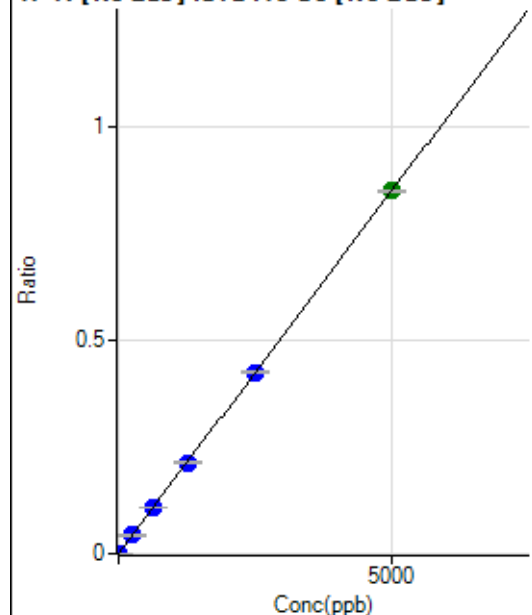
$$DL = 6.066$$

$$BEC = 113.3$$

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	308.35	0.0001	P	2.6
2	☐	5.000	5.411	2425.28	0.0010	P	22.3
3	☐	250.000	251.742	110396.13	0.0429	P	1.2
4	☐	625.000	635.510	281113.77	0.1082	P	0.7
5	☐	1250.000	1246.820	541291.22	0.2122	P	2.3
6	☐	2500.000	2494.195	1065612.42	0.4244	P	1.1
7	☐	5000.000	5002.296	2200790.70	0.8510	A	0.7
8	☐			725.04	0.0003	P	3.6

$$y = 1.7009\text{E-}004 * x + 1.2555\text{E-}004$$

$$R = 1.0000$$

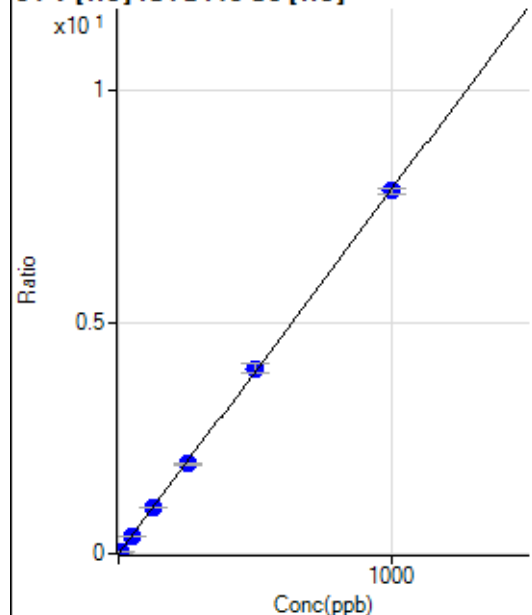
$$DL = 0.05744$$

$$BEC = 0.7381$$

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	8.89	0.0001	P	78.1
2	☐	5.000	4.538	3109.26	0.0358	P	3.4
3	☐	50.000	49.765	35375.90	0.3918	P	0.6
4	☐	125.000	126.630	88833.48	0.9968	P	2.9
5	☐	250.000	245.722	174426.93	1.9343	P	0.6
6	☐	500.000	509.422	340206.78	4.0099	P	5.9
7	☐	1000.000	996.169	705977.06	7.8413	P	1.8
8	☐			202.22	0.0023	P	15.1

$$y = 0.0079 * x + 1.0260\text{E-}004$$

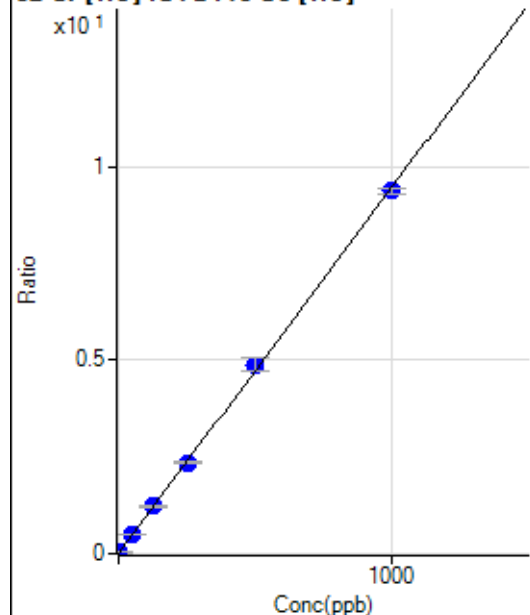
$$R = 0.9999$$

$$DL = 0.03052$$

$$BEC = 0.01303$$

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	607.80	0.0070	P	6.8
2	☐	2.000	1.995	2244.64	0.0259	P	2.1
3	☐	50.000	49.626	42943.19	0.4756	P	0.5
4	☐	125.000	128.188	108496.02	1.2175	P	2.5
5	☐	250.000	248.054	211854.89	2.3494	P	0.9
6	☐	500.000	517.010	414734.68	4.8891	P	6.3
7	☐	1000.000	991.602	843660.54	9.3706	P	1.5
8	☐			8047.89	0.0923	P	2.9

$$y = 0.0094 * x + 0.0070$$

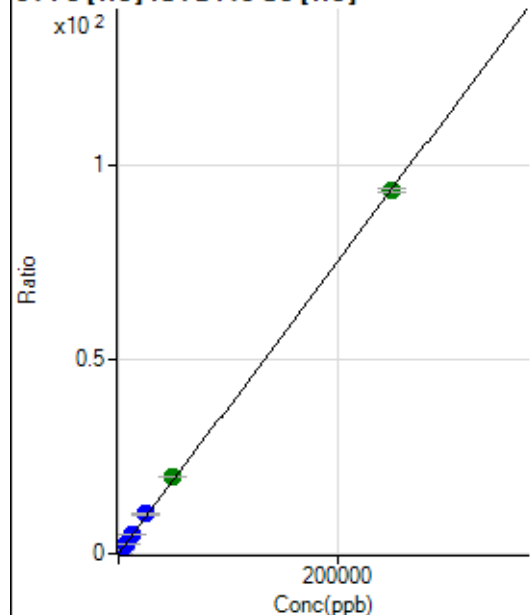
$$R = 0.9998$$

$$DL = 0.1517$$

$$BEC = 0.7437$$

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	272.23	0.0031	P	7.5
2	☐	50.000	49.404	1877.94	0.0216	P	2.1
3	☐	2500.000	2683.213	90955.85	1.0074	P	1.3
4	☐	6250.000	6746.108	225288.43	2.5280	P	2.5
5	☐	12500.000	13119.098	443071.01	4.9133	P	0.7
6	☐	25000.000	27199.220	863579.22	10.1831	P	7.0
7	☐	50000.000	53007.316	1786450.46	19.8425	A	1.4
8	☐	250000.00	249133.42	8129192.02	93.2477	A	1.1

$$y = 3.7428E-004 * x + 0.0031$$

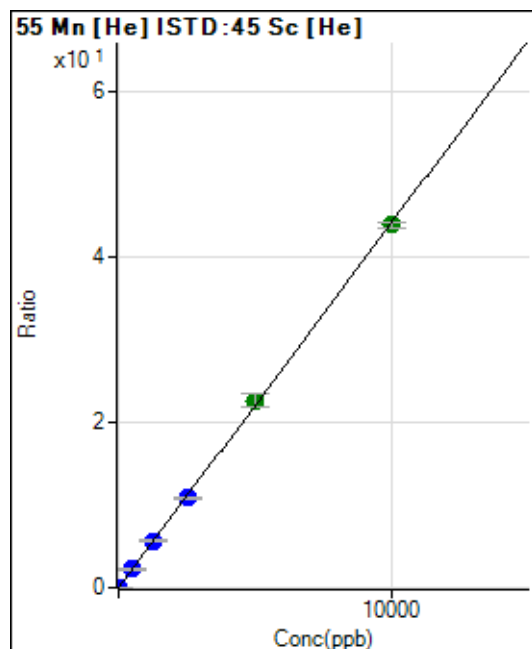
$$R = 0.9999$$

$$DL = 1.882$$

$$BEC = 8.404$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0010	P	14.5
2	☐	1.000	0.938	443.35	0.0051	P	7.4
3	☐	500.000	500.585	199300.74	2.2074	P	0.7
4	☐	1250.000	1277.031	501698.15	5.6298	P	2.5
5	☐	2500.000	2457.943	977079.31	10.8349	P	0.8
6	☐	5000.000	5126.673	1916678.43	22.5980	A	6.7
7	☐	10000.000	9943.770	3946116.50	43.8304	A	1.4
8	☐			4088.41	0.0469	P	4.3

$$y = 0.0044 * x + 9.7513E-004$$

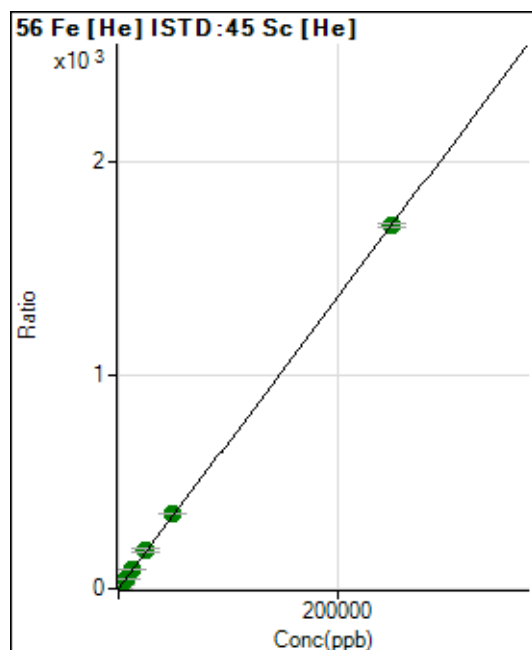
$$R = 0.9999$$

$$DL = 0.09616$$

$$BEC = 0.2212$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2168.72	0.0251	P	7.6
2	☐	50.000	47.985	30525.42	0.3517	P	3.4
3	☐	2500.000	2612.199	1607823.66	17.8080	A	1.5
4	☐	6250.000	6614.062	4014459.52	45.0513	A	3.0
5	☐	12500.000	12681.766	7787761.23	86.3580	A	0.7
6	☐	25000.000	26549.195	15333376.61	180.7626	A	6.4
7	☐	50000.000	51167.774	31365224.78	348.3572	A	0.8
8	☐	250000.00	249592.21	148131271.8	1,699.160	A	1.1

$$y = 0.0068 * x + 0.0251$$

$$R = 1.0000$$

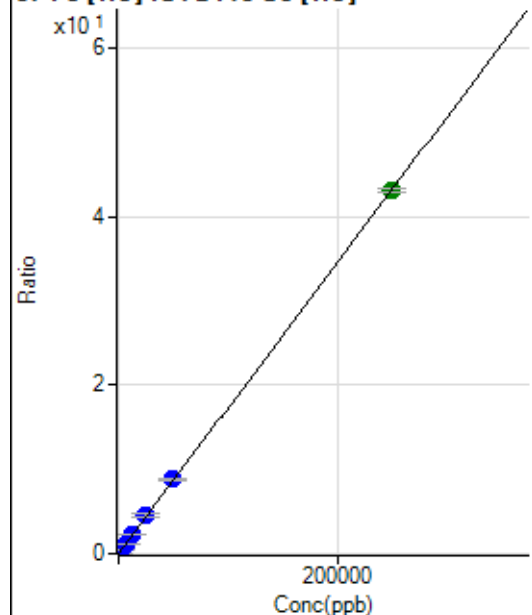
$$DL = 0.8351$$

$$BEC = 3.681$$

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	116.67	0.0013	P	32.8
2	☐	50.000	45.929	803.74	0.0093	P	6.5
3	☐	2500.000	2568.437	40086.06	0.4440	P	0.5
4	☐	6250.000	6629.146	101928.18	1.1438	P	2.6
5	☐	12500.000	12704.801	197565.25	2.1908	P	0.5
6	☐	25000.000	26480.067	387140.83	4.5648	P	6.8
7	☐	50000.000	50991.106	791284.97	8.7889	P	1.6
8	☐	250000.00	249633.37	3750587.18	43.0220	A	1.1

$$y = 1.7234\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

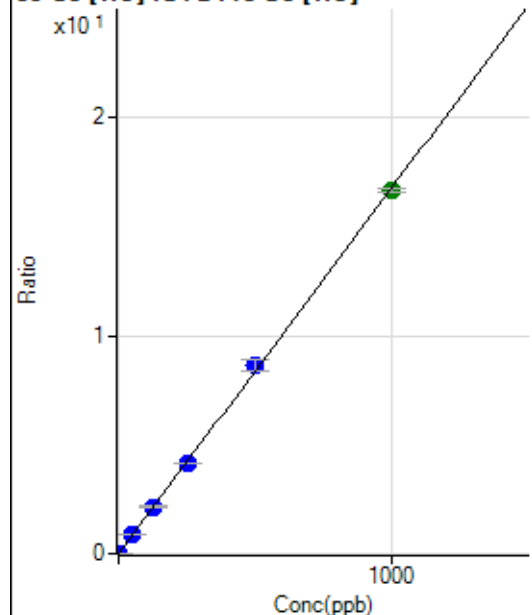
$$DL = 7.681$$

$$BEC = 7.812$$

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	48.89	0.0006	P	35.3
2	☐	1.000	0.939	1414.53	0.0163	P	7.8
3	☐	50.000	50.719	76807.88	0.8507	P	0.9
4	☐	125.000	127.633	190688.48	2.1399	P	2.9
5	☐	250.000	246.744	373020.83	4.1364	P	0.3
6	☐	500.000	515.116	732503.32	8.6348	P	6.2
7	☐	1000.000	992.891	1498444.53	16.6431	A	1.0
8	☐			2779.19	0.0319	P	1.4

$$y = 0.0168 * x + 5.6514\text{E-}004$$

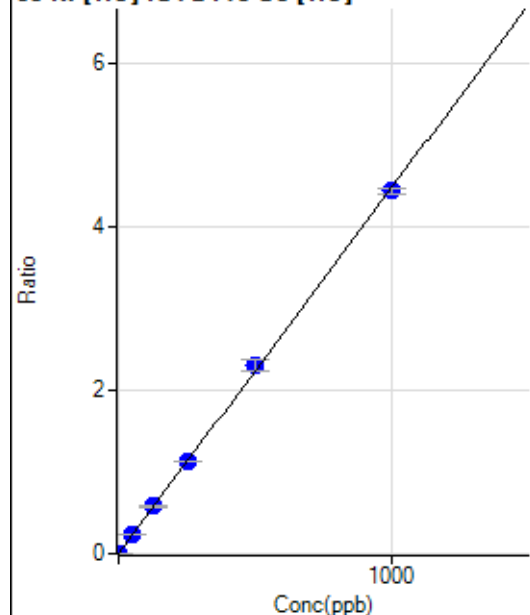
$$R = 0.9998$$

$$DL = 0.03568$$

$$BEC = 0.03372$$

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	140.00	0.0016	P	10.3
2	☐	1.000	0.953	510.02	0.0059	P	11.6
3	☐	50.000	51.311	20843.08	0.2309	P	0.9
4	☐	125.000	129.472	51696.66	0.5801	P	2.0
5	☐	250.000	250.669	101138.34	1.1215	P	0.2
6	☐	500.000	514.530	195154.68	2.3004	P	6.1
7	☐	1000.000	991.943	399139.18	4.4333	P	1.3
8	☐			2967.01	0.0340	P	4.2

$$y = 0.0045 * x + 0.0016$$

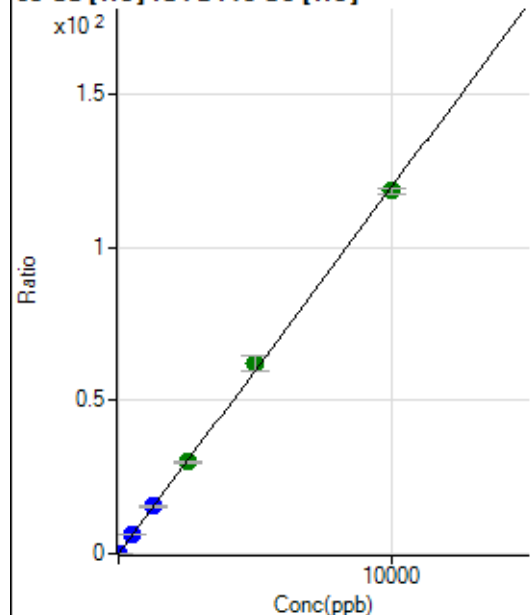
$$R = 0.9998$$

$$DL = 0.1122$$

$$BEC = 0.3619$$

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	498.06	0.0058	P	12.9
2	☐	2.000	2.091	2672.60	0.0308	P	4.4
3	☐	500.000	512.240	554105.58	6.1372	P	0.9
4	☐	1250.000	1300.275	1387518.83	15.5698	P	2.4
5	☐	2500.000	2499.037	2697956.83	29.9188	A	0.9
6	☐	5000.000	5190.603	5268847.74	62.1365	A	7.3
7	☐	10000.000	9898.043	10667525.95	118.4838	A	1.3
8	☐			8405.91	0.0964	P	1.8

$$y = 0.0120 * x + 0.0058$$

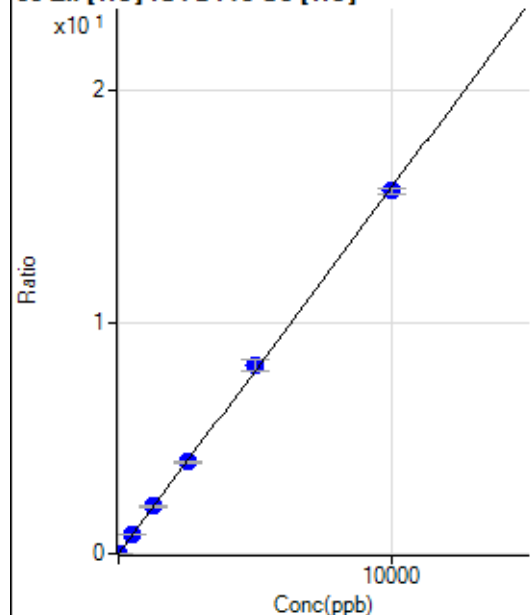
$$R = 0.9997$$

$$DL = 0.1866$$

$$BEC = 0.4805$$

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	60.00	0.0007	P	14.9
2	☐	2.000	2.012	336.67	0.0039	P	4.9
3	☐	500.000	511.469	73174.32	0.8105	P	0.1
4	☐	1250.000	1301.995	183751.58	2.0620	P	2.7
5	☐	2500.000	2499.539	356916.66	3.9580	P	1.0
6	☐	5000.000	5168.249	694204.30	8.1832	P	6.1
7	☐	10000.000	9908.918	1412499.08	15.6887	P	1.3
8	☐			3125.94	0.0359	P	6.9

$$y = 0.0016 * x + 6.9335E-004$$

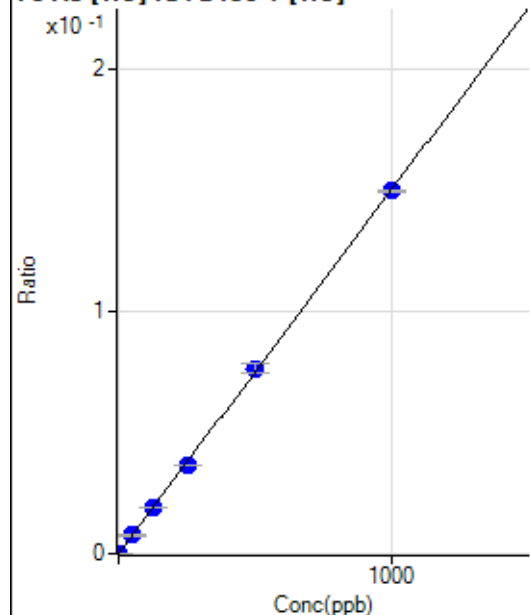
$$R = 0.9998$$

$$DL = 0.1958$$

$$BEC = 0.4379$$

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	7.33	0.0000	P	20.8
2	☐	1.000	0.956	106.34	0.0002	P	1.4
3	☐	50.000	50.490	5480.62	0.0076	P	1.9
4	☐	125.000	126.283	13440.06	0.0190	P	2.3
5	☐	250.000	243.017	26298.68	0.0366	P	1.0
6	☐	500.000	508.979	51510.79	0.0766	P	5.3
7	☐	1000.000	997.071	106503.51	0.1500	P	0.8
8	☐			52.01	0.0001	P	11.6

$$y = 1.5046E-004 * x + 1.0665E-005$$

$$R = 0.9999$$

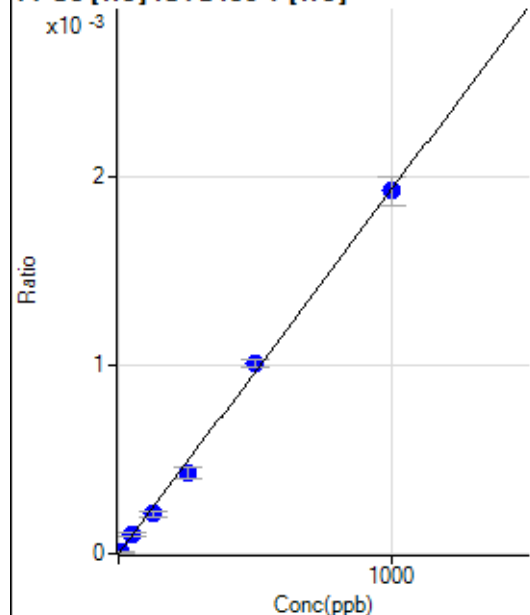
$$DL = 0.04413$$

$$BEC = 0.07088$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.990	6.67	0.0000	P	100.
3	☐	50.000	54.149	75.56	0.0001	P	20.2
4	☐	125.000	109.530	150.00	0.0002	P	15.3
5	☐	250.000	223.499	311.12	0.0004	P	14.2
6	☐	500.000	523.574	682.24	0.0010	P	3.8
7	☐	1000.000	996.565	1370.08	0.0019	P	8.0
8	☐			2.22	0.0000	P	86.6

$$y = 1.9364\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

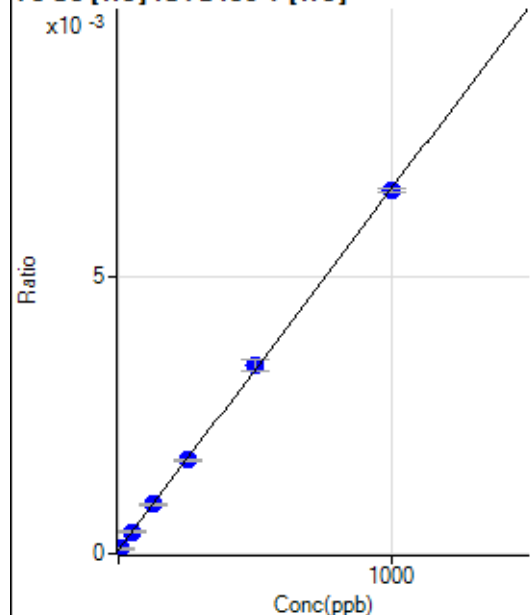
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.00	0.0001	P	9.6
2	☐	5.000	3.698	61.68	0.0001	P	15.8
3	☐	50.000	50.115	283.03	0.0004	P	7.0
4	☐	125.000	125.838	627.41	0.0009	P	5.5
5	☐	250.000	249.176	1217.51	0.0017	P	1.5
6	☐	500.000	511.556	2290.42	0.0034	P	6.8
7	☐	1000.000	994.324	4657.58	0.0066	P	1.2
8	☐			37.33	0.0001	P	15.8

$$y = 6.5331\text{E-}006 * x + 6.5435\text{E-}005$$

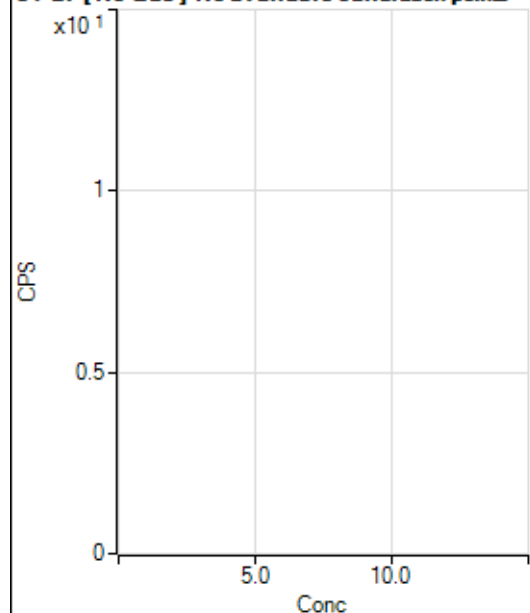
$$R = 0.9999$$

$$DL = 2.878$$

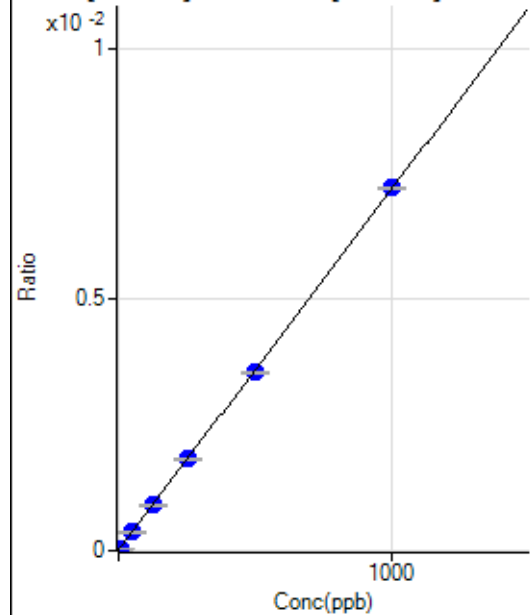
$$BEC = 10.02$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3040.14		P	10.7
2	☐			3063.49		P	1.8
3	☐			3090.19		P	3.2
4	☐			3113.57		P	10.6
5	☐			3150.29		P	3.5
6	☐			3096.86		P	10.3
7	☐			3250.39		P	3.0
8	☐			3383.90		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.52	0.0000	P	88.2
2	☐	5.000	4.211	248.00	0.0000	P	17.4
3	☐	50.000	50.036	2553.76	0.0004	P	6.2
4	☐	125.000	125.616	6239.70	0.0009	P	2.8
5	☐	250.000	251.932	12325.60	0.0018	P	0.8
6	☐	500.000	491.873	23778.18	0.0035	P	0.8
7	☐	1000.000	1003.506	49418.99	0.0072	P	0.4
8	☐			14.59	0.0000	P	749.

$$y = 7.1811\text{E-}006 * x + 9.3861\text{E-}006$$

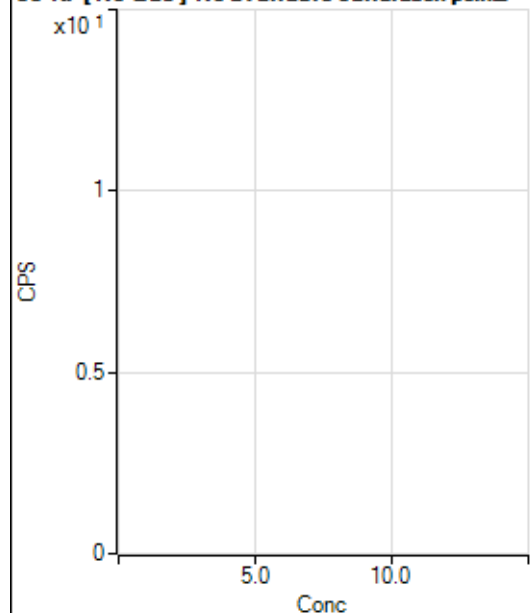
$$R = 0.9999$$

$$DL = 3.46$$

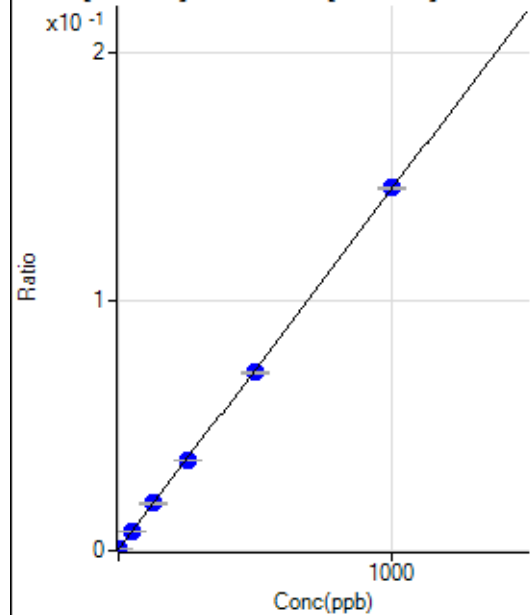
$$BEC = 1.307$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1941.27		P	3.9
2	☐			1980.16		P	7.4
3	☐			2049.06		P	1.5
4	☐			2070.18		P	2.8
5	☐			2087.96		P	1.1
6	☐			1990.17		P	1.6
7	☐			2013.50		P	3.6
8	☐			2050.18		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3069.87	0.0005	P	3.2
2	☐	1.000	1.355	4159.07	0.0007	P	6.9
3	☐	50.000	50.039	53380.57	0.0077	P	1.3
4	☐	125.000	127.951	129815.75	0.0190	P	1.4
5	☐	250.000	247.421	245437.15	0.0362	P	0.9
6	☐	500.000	491.725	480142.80	0.0715	P	0.9
7	☐	1000.000	1004.411	997027.43	0.1456	P	0.3
8	☐			8391.64	0.0013	P	4.8

$$y = 1.4446E-004 * x + 4.7613E-004$$

$$R = 0.9999$$

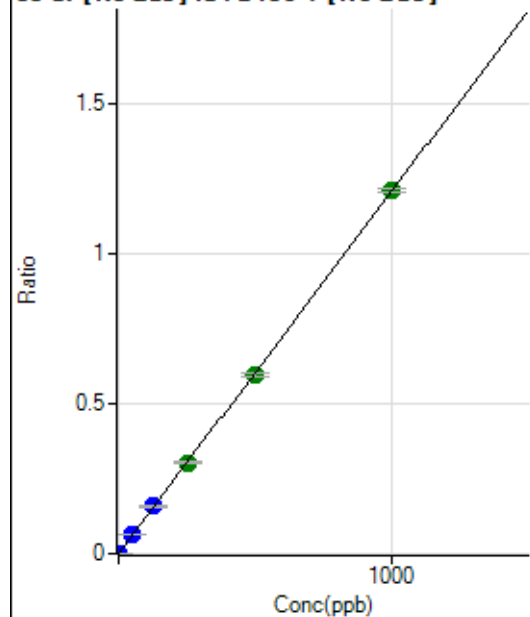
$$DL = 0.3213$$

$$BEC = 3.296$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.13	0.0000	P	41.5
2	☐	1.000	0.986	7560.59	0.0012	P	14.0
3	☐	50.000	51.504	431897.22	0.0623	P	1.1
4	☐	125.000	130.324	1079629.77	0.1577	P	0.5
5	☐	250.000	251.500	2062028.65	0.3043	A	0.9
6	☐	500.000	494.093	4013238.37	0.5977	A	1.3
7	☐	1000.000	1001.838	8300454.00	1.2120	A	1.2
8	☐			44702.79	0.0068	P	1.1

$$y = 0.0012 * x + 3.2585E-005$$

$$R = 1.0000$$

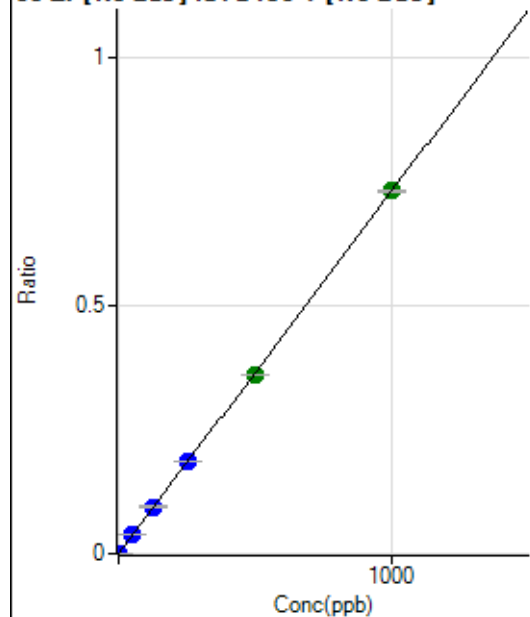
$$DL = 0.0335$$

$$BEC = 0.02694$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	255.57	0.0000	P	24.9
2	☐	1.000	1.024	4848.19	0.0008	P	15.6
3	☐	50.000	50.992	258222.68	0.0373	P	2.1
4	☐	125.000	129.973	650060.56	0.0949	P	0.8
5	☐	250.000	254.897	1261545.08	0.1862	P	0.9
6	☐	500.000	493.660	2420503.66	0.3605	A	0.6
7	☐	1000.000	1001.275	5007616.61	0.7312	A	0.5
8	☐			1764.05	0.0003	P	2.5

$$y = 7.3019E-004 * x + 3.9560E-005$$

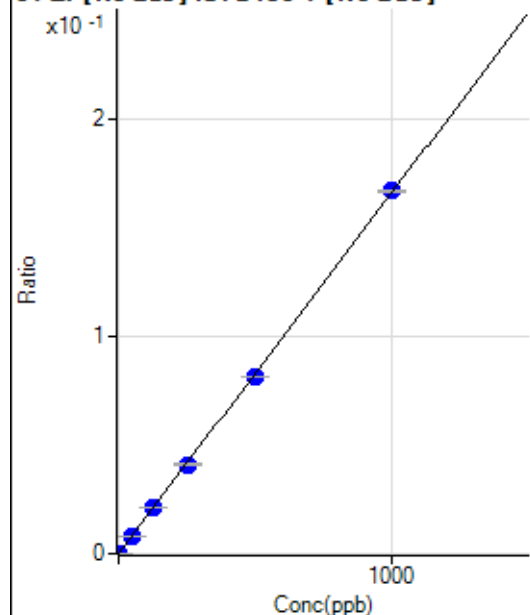
$$R = 0.9999$$

$$DL = 0.04055$$

$$BEC = 0.05418$$

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	86.11	0.0000	P	19.7
2	☐	1.000	0.911	1016.73	0.0002	P	13.8
3	☐	50.000	49.104	56671.31	0.0082	P	1.4
4	☐	125.000	126.830	144510.88	0.0211	P	0.6
5	☐	250.000	247.151	278621.99	0.0411	P	1.6
6	☐	500.000	489.277	546436.62	0.0814	P	0.6
7	☐	1000.000	1005.890	1145843.38	0.1673	P	0.8
8	☐			327.79	0.0000	P	4.3

$$y = 1.6631\text{E-}004 * x + 1.3347\text{E-}005$$

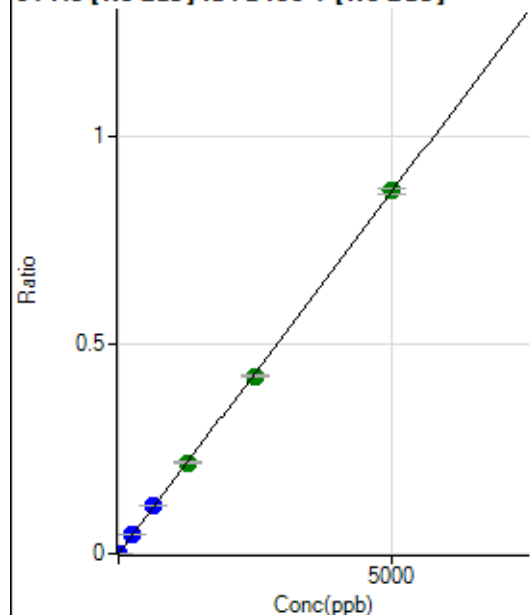
$$R = 0.9999$$

$$DL = 0.04754$$

$$BEC = 0.08025$$

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	83.34	0.0000	P	26.2
2	☐	5.000	5.145	5590.17	0.0009	P	8.8
3	☐	250.000	256.220	307554.91	0.0444	P	1.8
4	☐	625.000	655.143	777037.20	0.1135	P	0.4
5	☐	1250.000	1255.761	1474009.71	0.2175	A	1.3
6	☐	2500.000	2456.374	2856873.33	0.4255	A	0.9
7	☐	5000.000	5016.294	5950895.36	0.8689	A	1.5
8	☐			2961.51	0.0004	P	8.7

$$y = 1.7322\text{E-}004 * x + 1.2914\text{E-}005$$

$$R = 0.9999$$

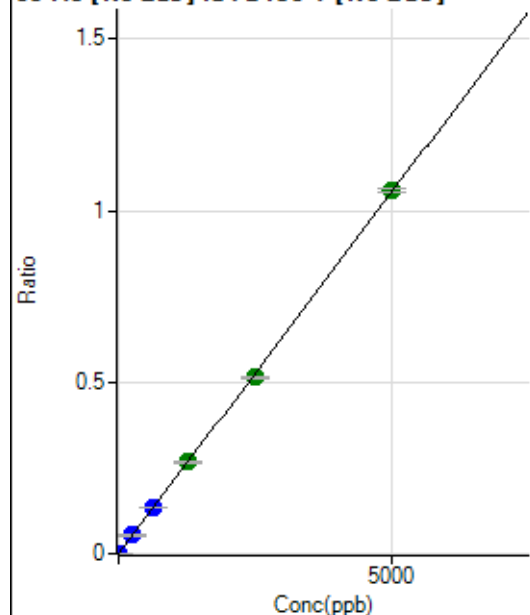
$$DL = 0.05861$$

$$BEC = 0.07455$$

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	50.00	0.0000	P	70.9
2	☐	5.000	5.197	6810.19	0.0011	P	9.2
3	☐	250.000	253.300	369463.02	0.0533	P	1.7
4	☐	625.000	650.348	937378.02	0.1369	P	0.4
5	☐	1250.000	1266.030	1805817.60	0.2665	A	2.4
6	☐	2500.000	2442.703	3452648.65	0.5142	A	1.3
7	☐	5000.000	5021.307	7239490.09	1.0570	A	0.9
8	☐			3733.95	0.0006	P	4.7

$$y = 2.1051\text{E-}004 * x + 7.6965\text{E-}006$$

R = 0.9999

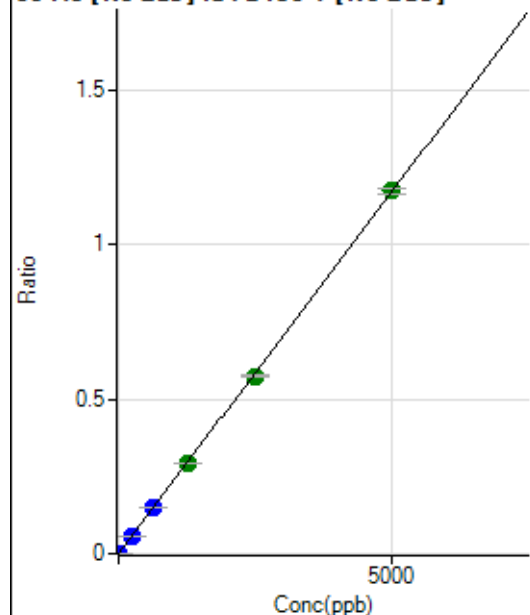
DL = 0.07775

BEC = 0.03656

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	44.45	0.0000	P	45.8
2	☐	5.000	5.279	7674.56	0.0012	P	9.1
3	☐	250.000	251.571	407693.60	0.0588	P	0.6
4	☐	625.000	647.722	1037181.76	0.1515	P	0.5
5	☐	1250.000	1253.881	1987272.61	0.2933	A	0.9
6	☐	2500.000	2457.033	3858246.40	0.5746	A	1.0
7	☐	5000.000	5017.594	8036830.39	1.1735	A	1.3
8	☐			4478.64	0.0007	P	1.4

$$y = 2.3387\text{E-}004 * x + 6.8685\text{E-}006$$

R = 0.9999

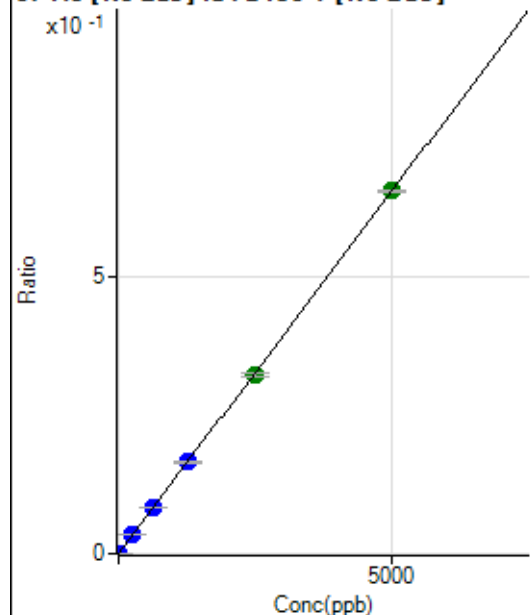
DL = 0.04032

BEC = 0.02937

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	123.
2	☐	5.000	5.198	4242.44	0.0007	P	7.0
3	☐	250.000	255.284	230933.12	0.0333	P	1.4
4	☐	625.000	641.554	573464.31	0.0838	P	1.2
5	☐	1250.000	1263.107	1117319.95	0.1649	P	1.7
6	☐	2500.000	2472.285	2166971.38	0.3228	A	1.9
7	☐	5000.000	5008.247	4477801.32	0.6538	A	0.7
8	☐			2316.92	0.0004	P	8.3

$$y = 1.3054\text{E-}004 * x + 6.8025\text{E-}006$$

$$R = 1.0000$$

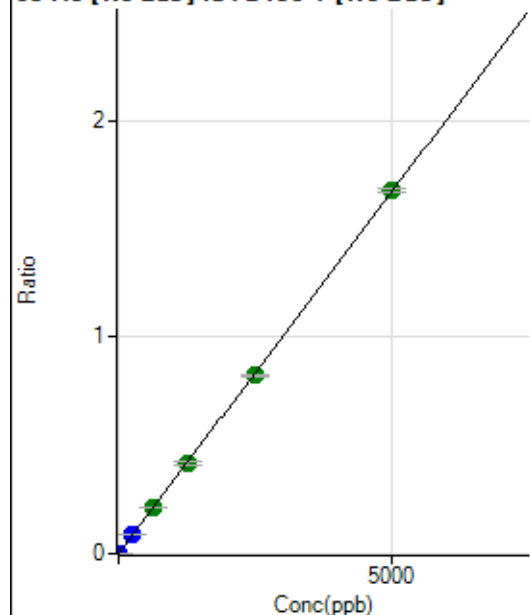
$$DL = 0.1932$$

$$BEC = 0.05211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	55.0
2	☐	5.000	5.169	10718.31	0.0017	P	11.4
3	☐	250.000	256.160	592787.84	0.0856	P	2.7
4	☐	625.000	637.480	1457877.88	0.2129	A	2.1
5	☐	1250.000	1248.143	2824762.07	0.4169	A	2.8
6	☐	2500.000	2462.021	5521533.54	0.8224	A	0.2
7	☐	5000.000	5017.586	11478534.81	1.6760	A	1.1
8	☐			5982.00	0.0009	P	3.8

$$y = 3.3402\text{E-}004 * x + 9.4108\text{E-}006$$

$$R = 1.0000$$

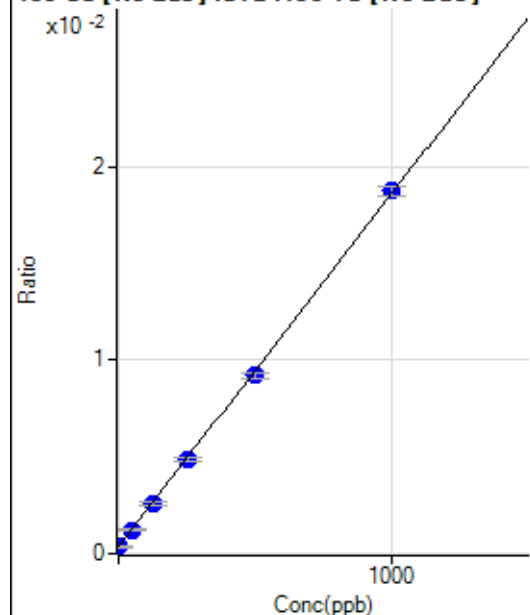
$$DL = 0.04648$$

$$BEC = 0.02817$$

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	1425.12	0.0004	P	1.5
2	☐	1.000	-0.484	1330.67	0.0004	P	8.0
3	☐	50.000	47.612	5092.76	0.0012	P	4.0
4	☐	125.000	123.552	10807.30	0.0026	P	6.8
5	☐	250.000	246.648	19761.76	0.0049	P	3.5
6	☐	500.000	485.038	36916.64	0.0092	P	2.6
7	☐	1000.000	1008.621	76054.46	0.0188	P	3.0
8	☐			1514.00	0.0004	P	7.5

$$y = 1.8237E-005 * x + 3.6665E-004$$

$$R = 0.9998$$

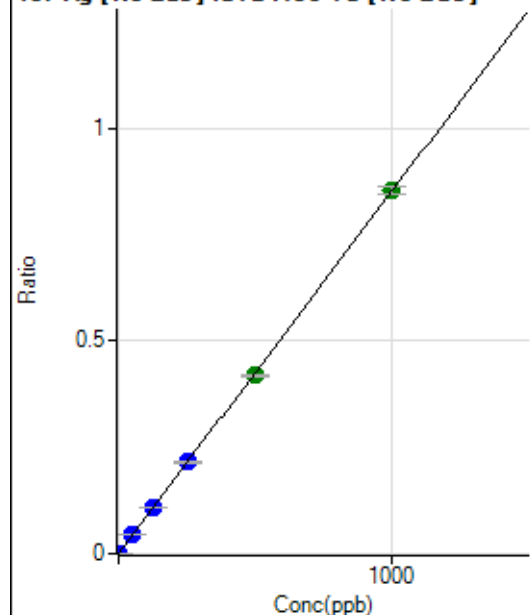
$$DL = 0.8949$$

$$BEC = 20.11$$

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	36.11	0.0000	P	37.2
2	☐	1.000	0.912	2917.06	0.0008	P	7.4
3	☐	50.000	51.049	179165.19	0.0435	P	1.7
4	☐	125.000	127.930	449397.00	0.1089	P	1.4
5	☐	250.000	252.846	874303.84	0.2152	P	2.4
6	☐	500.000	493.123	1681863.08	0.4197	A	1.1
7	☐	1000.000	1002.308	3458208.11	0.8530	A	2.1
8	☐			1866.84	0.0005	P	4.9

$$y = 8.5100E-004 * x + 9.3287E-006$$

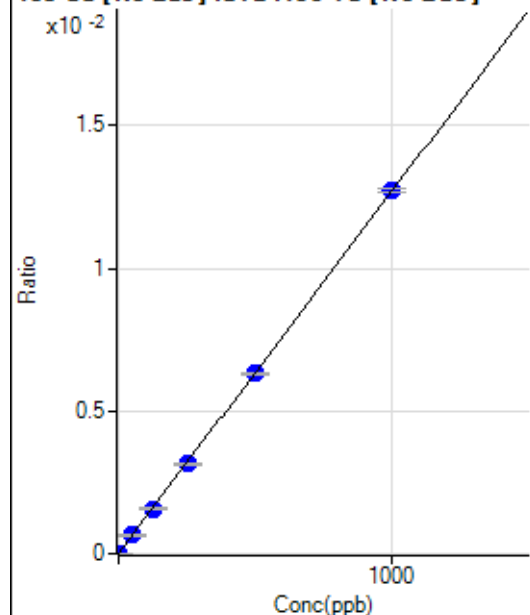
$$R = 1.0000$$

$$DL = 0.01224$$

$$BEC = 0.01096$$

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	36.11	0.0000	P	91.2
2	☐	1.000	0.717	68.05	0.0000	P	4.5
3	☐	50.000	50.248	2664.19	0.0006	P	5.0
4	☐	125.000	123.986	6521.07	0.0016	P	4.3
5	☐	250.000	247.276	12768.52	0.0031	P	2.6
6	☐	500.000	496.687	25260.68	0.0063	P	1.3
7	☐	1000.000	1002.452	51543.13	0.0127	P	1.1
8	☐			75.00	0.0000	P	24.8

$$y = 1.2672E-005 * x + 9.1197E-006$$

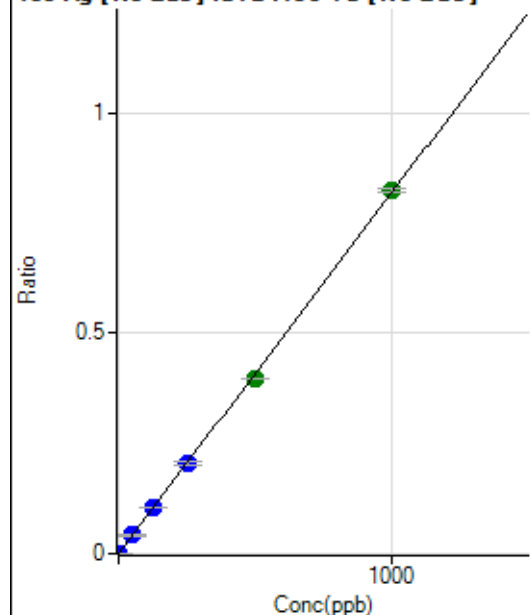
$$R = 1.0000$$

$$DL = 1.969$$

$$BEC = 0.7197$$

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	69.45	0.0000	P	44.6
2	☐	1.000	1.013	3150.45	0.0008	P	4.4
3	☐	50.000	50.883	171531.36	0.0416	P	1.6
4	☐	125.000	127.407	429854.37	0.1041	P	1.2
5	☐	250.000	250.357	831326.55	0.2046	P	3.0
6	☐	500.000	486.860	1594718.01	0.3979	A	0.4
7	☐	1000.000	1006.136	3334036.18	0.8223	A	1.2
8	☐			1814.05	0.0005	P	8.0

$$y = 8.1725E-004 * x + 1.8031E-005$$

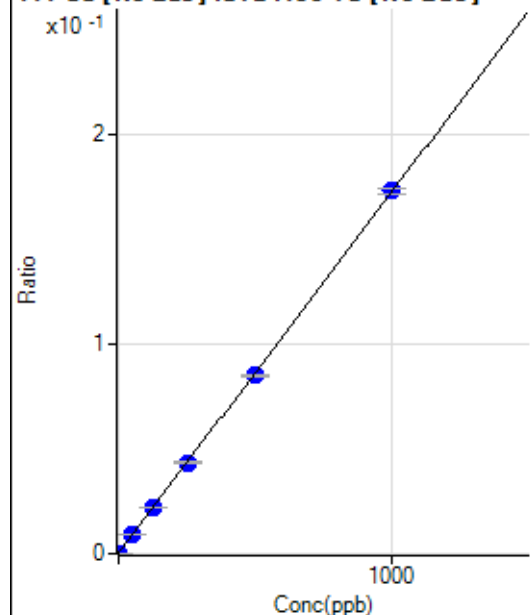
$$R = 0.9999$$

$$DL = 0.02954$$

$$BEC = 0.02206$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1000.08	0.0003	P	3.9
2	☐	1.000	1.008	1601.91	0.0004	P	3.8
3	☐	50.000	50.488	36840.57	0.0089	P	0.7
4	☐	125.000	126.336	90683.81	0.0220	P	1.2
5	☐	250.000	249.779	175467.60	0.0432	P	2.5
6	☐	500.000	492.866	340508.32	0.0850	P	1.2
7	☐	1000.000	1003.431	700259.00	0.1727	P	1.7
8	☐			1364.26	0.0003	P	3.8

$$y = 1.7187\text{E-}004 * x + 2.5718\text{E-}004$$

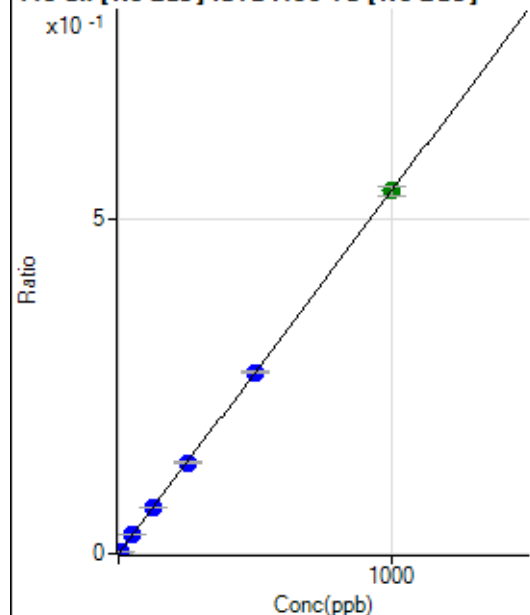
$$R = 1.0000$$

$$DL = 0.1744$$

$$BEC = 1.496$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.12	0.0001	P	14.1
2	☐	5.000	4.745	9731.49	0.0026	P	9.9
3	☐	50.000	51.027	114140.37	0.0277	P	1.1
4	☐	125.000	127.920	286099.80	0.0693	P	1.9
5	☐	250.000	251.228	552900.00	0.1361	P	2.3
6	☐	500.000	498.299	1081473.44	0.2699	P	1.1
7	☐	1000.000	1000.128	2195580.43	0.5416	A	2.3
8	☐			1358.44	0.0003	P	5.7

$$y = 5.4143\text{E-}004 * x + 5.4303\text{E-}005$$

$$R = 1.0000$$

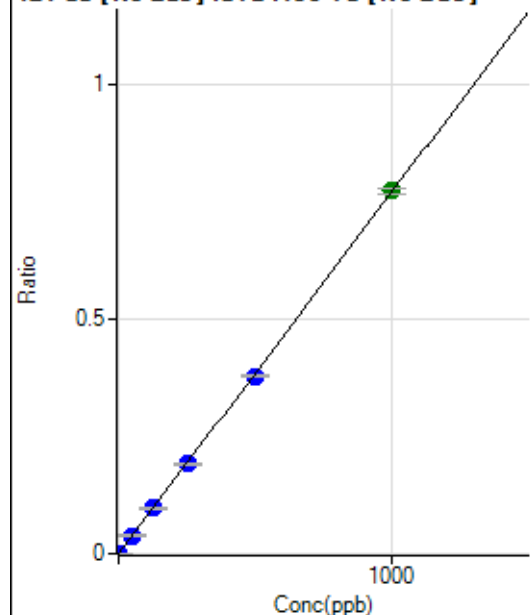
$$DL = 0.04246$$

$$BEC = 0.1003$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.45	0.0000	P	21.4
2	☐	2.000	1.970	5637.42	0.0015	P	9.4
3	☐	50.000	50.170	159068.71	0.0386	P	1.7
4	☐	125.000	125.905	399562.87	0.0968	P	2.2
5	☐	250.000	248.176	775279.96	0.1908	P	2.9
6	☐	500.000	491.485	1514519.43	0.3779	P	0.9
7	☐	1000.000	1004.592	3131836.49	0.7724	A	1.3
8	☐			2753.13	0.0007	P	3.9

$$y = 7.6889\text{E-}004 * x + 4.9832\text{E-}006$$

$$R = 0.9999$$

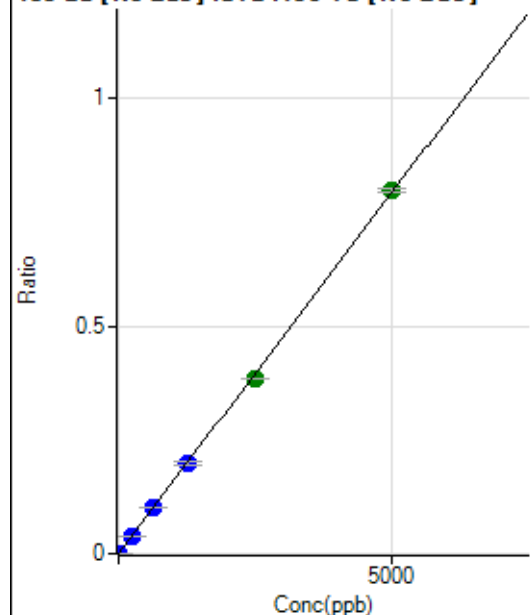
$$DL = 0.004163$$

$$BEC = 0.006481$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	65.2
2	☐	10.000	10.081	5951.49	0.0016	P	10.0
3	☐	250.000	250.870	163827.36	0.0397	P	0.5
4	☐	625.000	633.921	414312.09	0.1004	P	2.0
5	☐	1250.000	1256.996	808672.27	0.1990	P	2.7
6	☐	2500.000	2428.925	1541372.15	0.3846	A	0.8
7	☐	5000.000	5032.630	3231025.38	0.7969	A	1.1
8	☐			5912.55	0.0015	P	4.8

$$y = 1.5834\text{E-}004 * x + 8.5325\text{E-}006$$

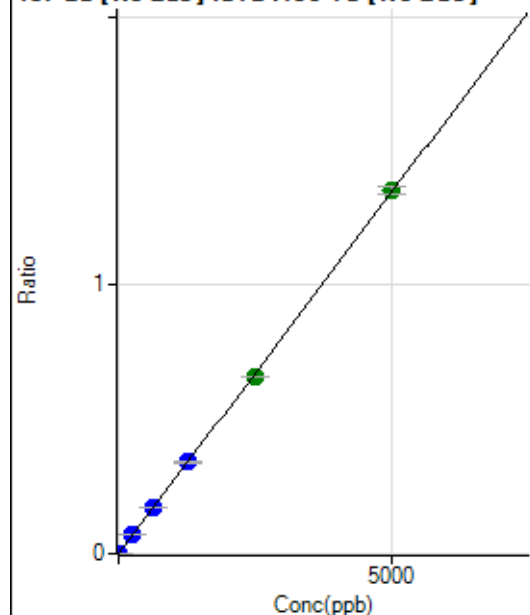
$$R = 0.9998$$

$$DL = 0.1053$$

$$BEC = 0.05389$$

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	63.89	0.0000	P	80.8
2	☐	10.000	9.998	10067.91	0.0027	P	4.0
3	☐	250.000	255.185	283023.71	0.0686	P	1.5
4	☐	625.000	639.827	710316.35	0.1721	P	0.8
5	☐	1250.000	1272.937	1391131.04	0.3423	P	1.7
6	☐	2500.000	2440.608	2630520.87	0.6564	A	0.3
7	☐	5000.000	5021.849	5475329.51	1.3505	A	2.1
8	☐			10306.98	0.0026	P	2.6

$$y = 2.6892E-004 * x + 1.6192E-005$$

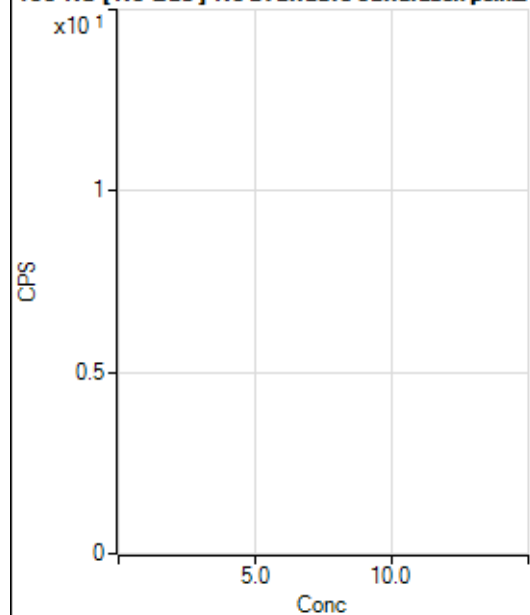
$$R = 0.9999$$

$$DL = 0.146$$

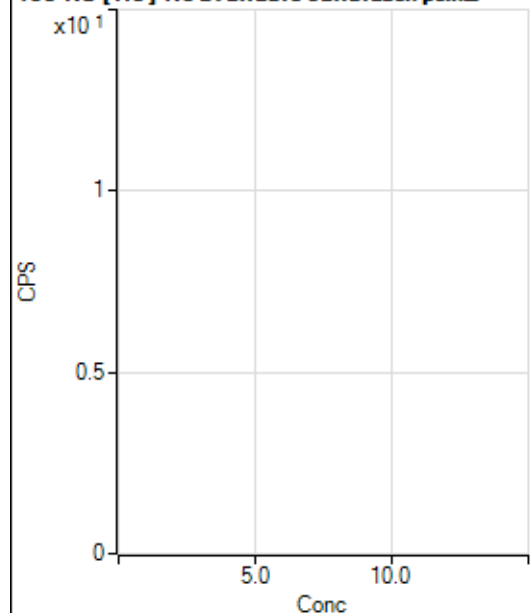
$$BEC = 0.06021$$

Weight: <None>

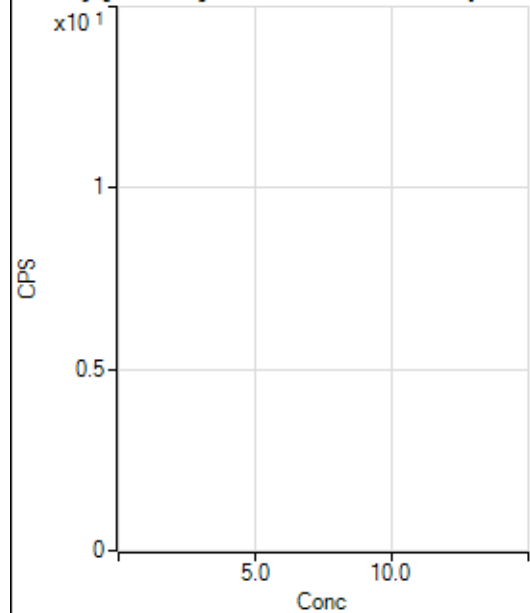
Min Conc: 0

150 Nd [No Gas] No available calibration points

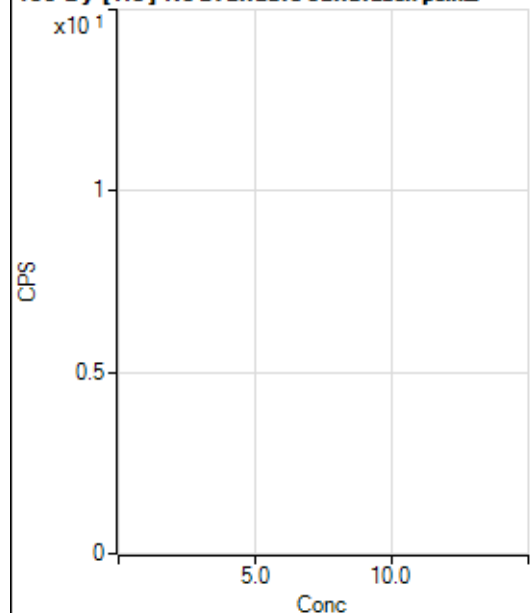
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			4.45		P	86.6
3	☐			13.33		P	86.6
4	☐			40.00		P	28.9
5	☐			42.22		P	24.1
6	☐			62.22		P	24.7
7	☐			202.23		P	8.3
8	☐			8.89		P	114.

150 Nd [He] No available calibration points

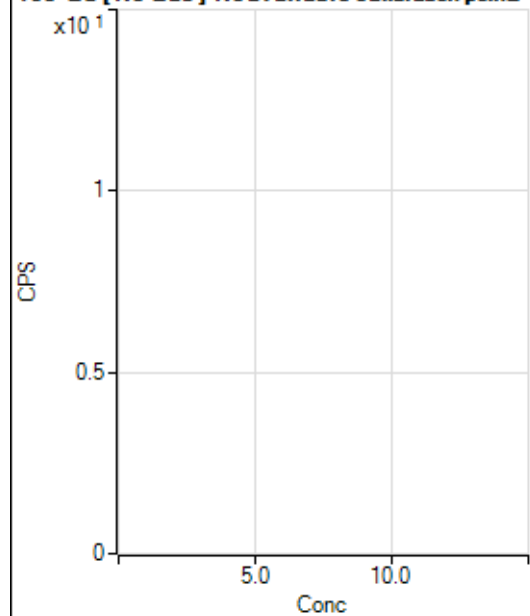
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			1.11		P	173.
6	☐			7.78		P	24.7
7	☐			8.89		P	43.3
8	☐			2.22		P	86.6

156 Dy [No Gas] No available calibration points

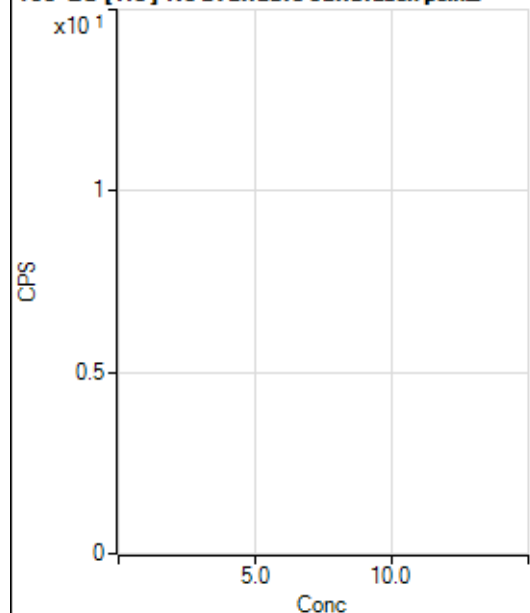
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			13.89		P	34.7
3	☐			13.89		P	34.7
4	☐			30.55		P	15.7
5	☐			38.89		P	44.6
6	☐			44.44		P	21.7
7	☐			80.56		P	21.5
8	☐			191.67		P	15.7

156 Dy [He] No available calibration points

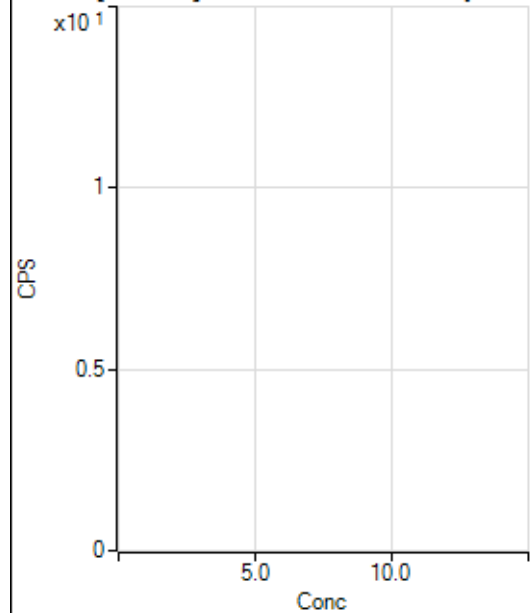
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			5.56		P	91.6
5	☐			8.89		P	57.3
6	☐			15.56		P	61.9
7	☐			31.11		P	37.6
8	☐			105.56		P	26.5

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

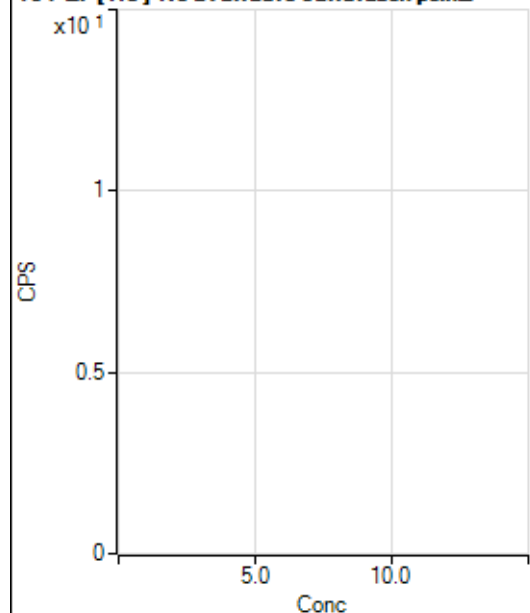
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐			16.67		P	50.0
3	☐			33.33		P	25.0
4	☐			36.11		P	13.3
5	☐			41.67		P	34.6
6	☐			41.67		P	69.3
7	☐			47.22		P	10.2
8	☐			202.79		P	11.9

160 Gd [He] No available calibration points

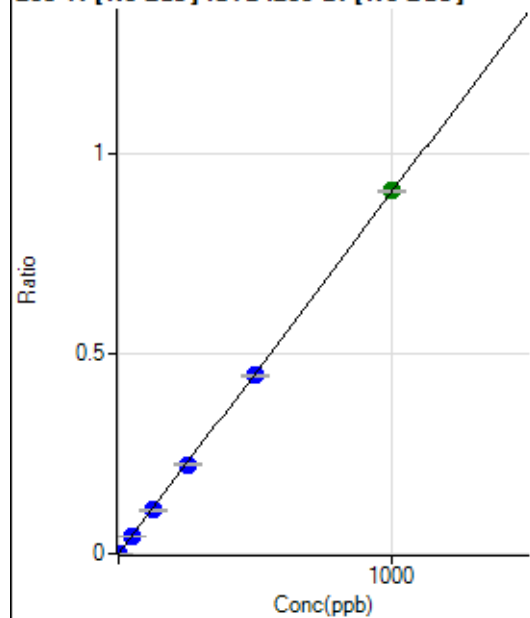
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			10.00		P	57.8
3	☐			7.78		P	24.7
4	☐			11.11		P	45.8
5	☐			15.56		P	49.5
6	☐			25.55		P	52.7
7	☐			45.56		P	37.5
8	☐			111.11		P	7.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			22.22		P	57.3
3	☐			22.22		P	57.3
4	☐			36.11		P	35.3
5	☐			11.11		P	43.3
6	☐			22.22		P	21.6
7	☐			25.00		P	88.2
8	☐			61.11		P	20.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			7.78		P	65.5
3	☐			7.78		P	24.7
4	☐			14.44		P	58.1
5	☐			10.00		P	66.7
6	☐			5.56		P	91.6
7	☐			13.33		P	25.0
8	☐			28.89		P	13.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.23	0.0000	P	54.8
2	☐	1.000	0.931	1766.84	0.0009	P	9.8
3	☐	50.000	48.881	97733.57	0.0441	P	2.2
4	☐	125.000	120.227	242698.47	0.1085	P	1.9
5	☐	250.000	247.243	482765.53	0.2230	P	1.8
6	☐	500.000	492.838	934881.23	0.4445	P	1.8
7	☐	1000.000	1004.923	1941042.08	0.9062	A	0.9
8	☐			1394.57	0.0007	P	7.2

$$y = 9.0173\text{E-}004 * x + 4.6454\text{E-}005$$

$$R = 1.0000$$

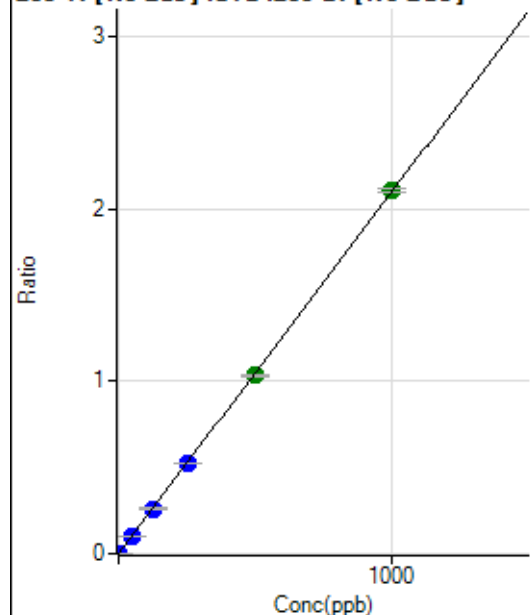
$$DL = 0.08469$$

$$BEC = 0.05152$$

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	163.90	0.0001	P	40.0
2	☐	1.000	1.026	4439.77	0.0022	P	12.2
3	☐	50.000	49.695	231067.85	0.1043	P	1.8
4	☐	125.000	123.859	581522.14	0.2599	P	2.2
5	☐	250.000	248.538	1128978.93	0.5214	P	0.5
6	☐	500.000	493.778	2178863.20	1.0358	A	1.2
7	☐	1000.000	1003.634	4509274.67	2.1053	A	1.0
8	☐			3283.84	0.0016	P	3.7

$$y = 0.0021 * x + 7.8283E-005$$

$$R = 1.0000$$

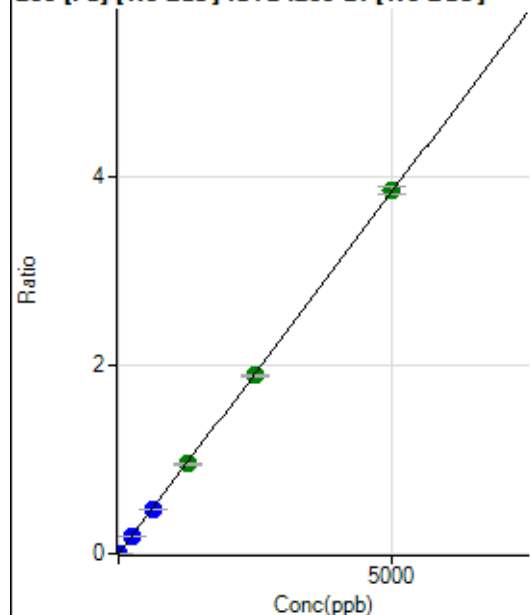
$$DL = 0.04476$$

$$BEC = 0.03732$$

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	205.56	0.0001	P	6.8
2	☐	1.000	0.980	1690.88	0.0008	P	9.4
3	☐	250.000	241.669	409795.42	0.1850	P	0.8
4	☐	625.000	610.234	1044970.27	0.4670	P	1.1
5	☐	1250.000	1237.666	2050378.14	0.9470	A	1.1
6	☐	2500.000	2469.648	3974635.01	1.8895	A	1.1
7	☐	5000.000	5020.522	8227365.29	3.8411	A	2.1
8	☐			10259.80	0.0051	P	2.6

$$y = 7.6505E-004 * x + 9.8499E-005$$

$$R = 1.0000$$

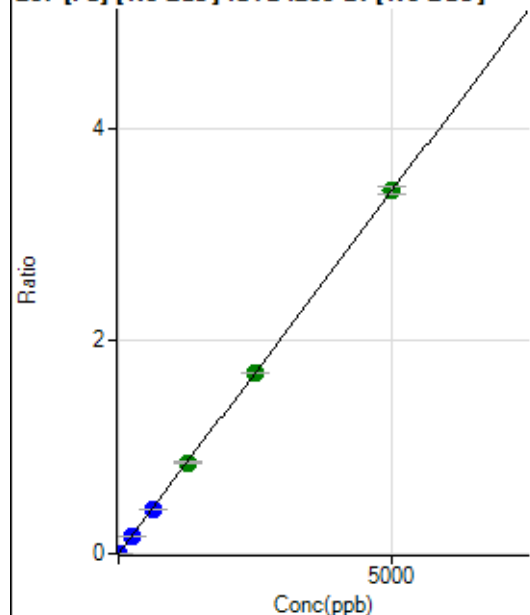
$$DL = 0.02631$$

$$BEC = 0.1287$$

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	231.49	0.0001	P	21.5
2	☐	1.000	0.899	1446.40	0.0007	P	4.6
3	☐	250.000	241.189	364485.29	0.1645	P	1.1
4	☐	625.000	611.009	932369.54	0.4167	P	1.5
5	☐	1250.000	1248.678	1843406.98	0.8514	A	1.9
6	☐	2500.000	2490.587	3572049.79	1.6980	A	0.4
7	☐	5000.000	5007.227	7312013.94	3.4137	A	2.3
8	☐			8932.84	0.0044	P	3.5

$$y = 6.8173E-004 * x + 1.1071E-004$$

$$R = 1.0000$$

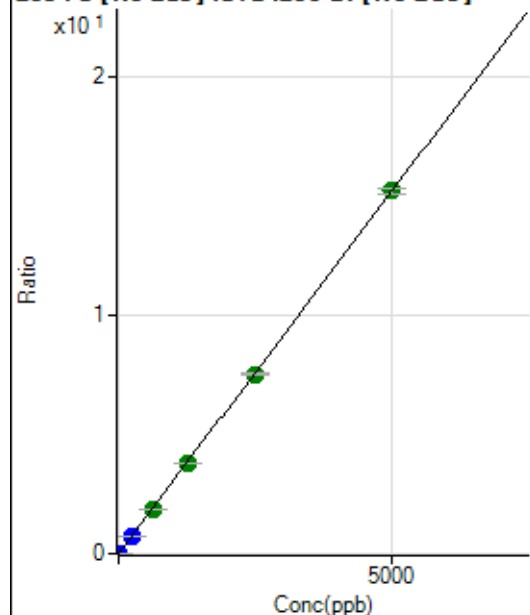
$$DL = 0.1045$$

$$BEC = 0.1624$$

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	931.52	0.0004	P	14.8
2	☐	1.000	0.932	6535.94	0.0033	P	10.6
3	☐	250.000	245.086	1652473.77	0.7460	P	0.9
4	☐	625.000	618.835	4213599.16	1.8829	A	1.0
5	☐	1250.000	1251.020	8240377.09	3.8059	A	1.5
6	☐	2500.000	2481.689	15881114.39	7.5495	A	0.7
7	☐	5000.000	5009.917	32643797.43	15.2401	A	1.5
8	☐			40135.72	0.0198	P	1.0

$$y = 0.0030 * x + 4.4582E-004$$

$$R = 1.0000$$

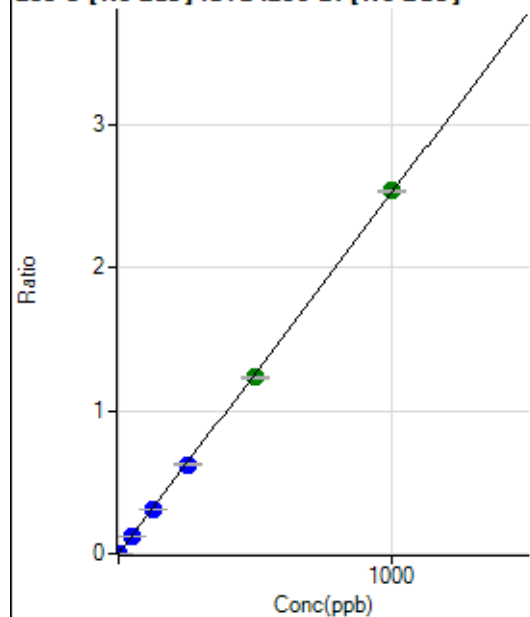
$$DL = 0.06497$$

$$BEC = 0.1466$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	114.
2	☐	1.000	0.966	4881.63	0.0024	P	9.1
3	☐	50.000	48.896	273188.39	0.1233	P	1.8
4	☐	125.000	122.457	691190.65	0.3089	P	0.5
5	☐	250.000	246.847	1347913.33	0.6226	P	1.2
6	☐	500.000	489.400	2596642.05	1.2343	A	1.5
7	☐	1000.000	1006.462	5436953.55	2.5383	A	0.5
8	☐			980.62	0.0005	P	7.1

$$y = 0.0025 * x + 1.1861E-005$$

$$R = 0.9999$$

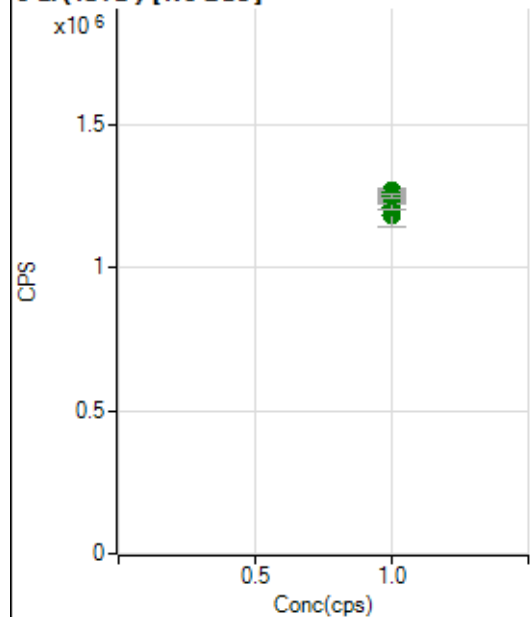
$$DL = 0.01615$$

$$BEC = 0.004703$$

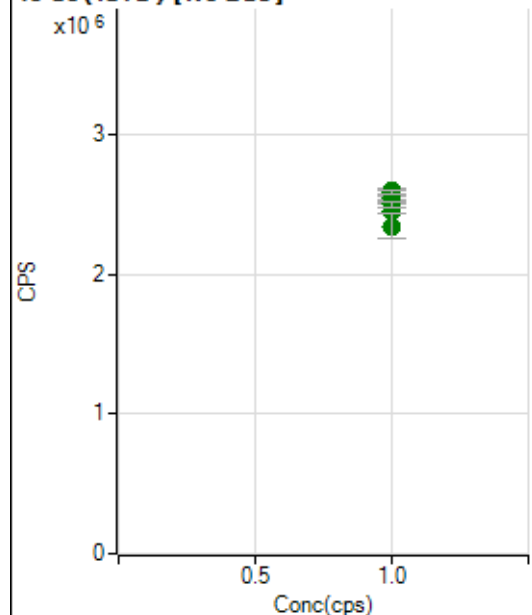
Weight: <None>

Min Conc: 0

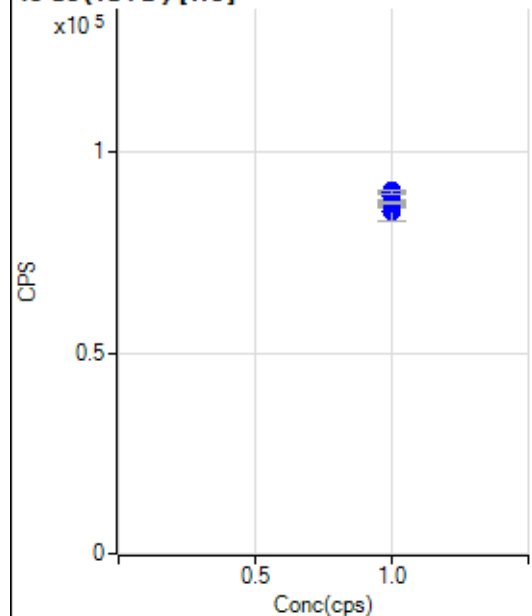
6 Li (ISTD) [No Gas]



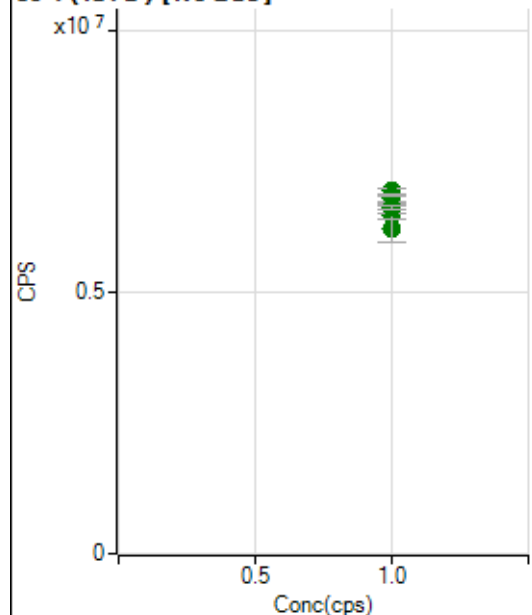
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1244069.36		A	1.6
2	☐	1.000		1187028.95		A	7.7
3	☐	1.000		1268095.10		A	1.1
4	☐	1.000		1269284.44		A	0.7
5	☐	1.000		1240247.49		A	0.3
6	☐	1.000		1213139.61		A	1.5
7	☐	1.000		1261895.51		A	1.1
8	☐	1.000		1249148.15		A	1.2

45 Sc (ISTD) [No Gas]

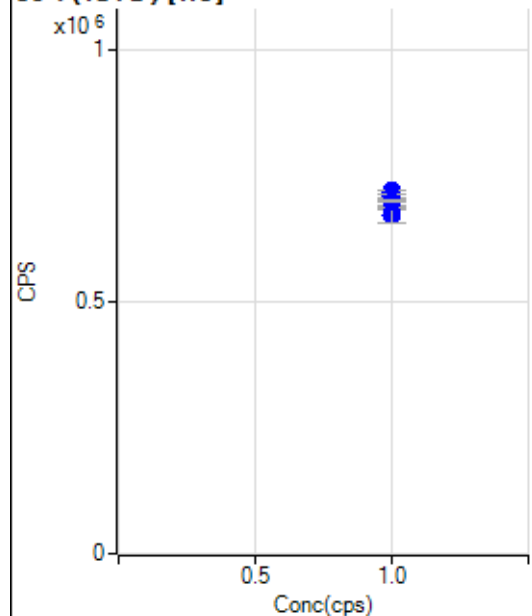
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2456086.06		A	1.7
2	☐	1.000		2346799.11		A	8.0
3	☐	1.000		2570638.54		A	0.7
4	☐	1.000		2597778.93		A	1.7
5	☐	1.000		2551373.22		A	1.4
6	☐	1.000		2511138.31		A	0.8
7	☐	1.000		2586060.93		A	0.9
8	☐	1.000		2502718.14		A	1.4

45 Sc (ISTD) [He]

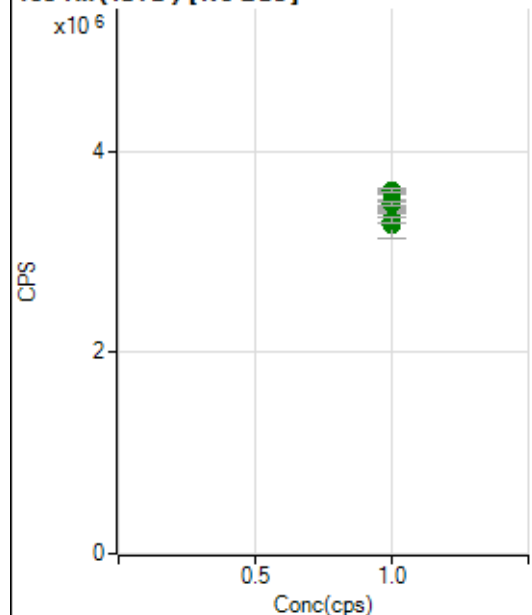
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		86554.01		P	0.6
2	☐	1.000		86806.51		P	1.0
3	☐	1.000		90287.58		P	0.2
4	☐	1.000		89147.82		P	2.2
5	☐	1.000		90180.39		P	0.8
6	☐	1.000		85032.29		P	5.7
7	☐	1.000		90039.57		P	1.0
8	☐	1.000		87182.18		P	0.6

89 Y (ISTD) [No Gas]

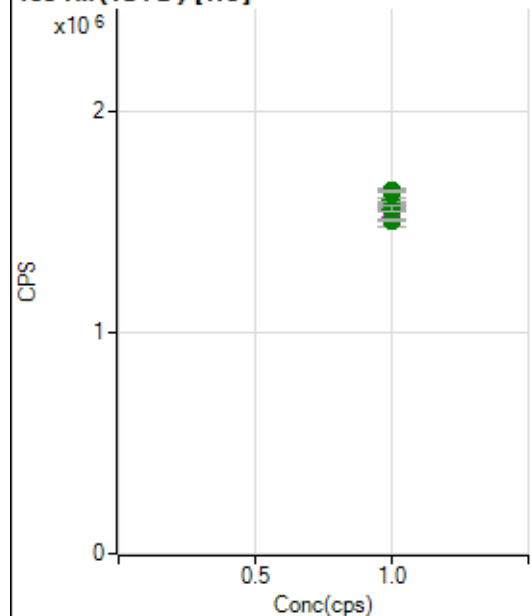
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6450177.89		A	1.9
2	☐	1.000		6215678.31		A	9.0
3	☐	1.000		6928884.83		A	1.3
4	☐	1.000		6846544.34		A	0.5
5	☐	1.000		6777236.36		A	1.9
6	☐	1.000		6714056.29		A	0.5
7	☐	1.000		6848902.12		A	0.3
8	☐	1.000		6608296.36		A	1.0

89 Y (ISTD) [He]

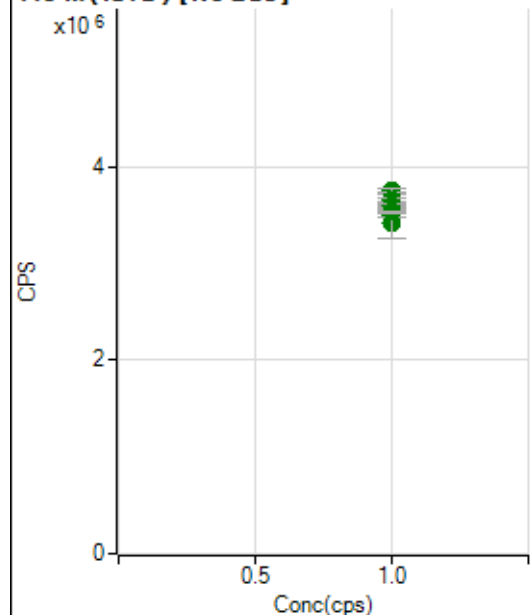
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		687478.24		P	0.7
2	☐	1.000		688484.38		P	0.4
3	☐	1.000		720426.80		P	0.2
4	☐	1.000		707149.48		P	1.9
5	☐	1.000		719066.85		P	1.0
6	☐	1.000		673879.10		P	5.6
7	☐	1.000		709898.64		P	1.1
8	☐	1.000		700472.84		P	0.4

103 Rh (ISTD) [No Gas]

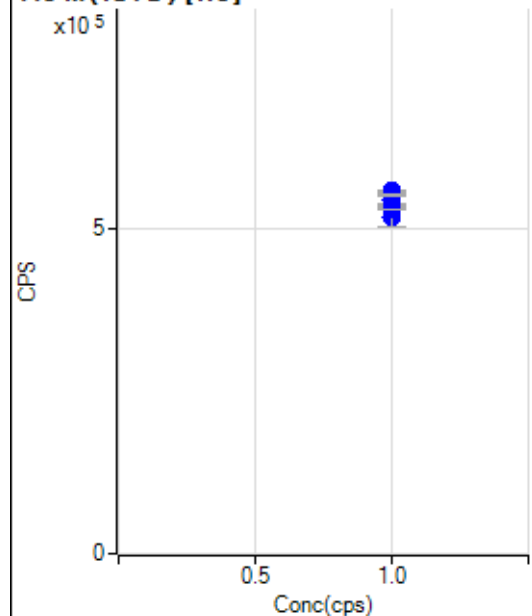
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3398950.64		A	1.3
2	☐	1.000		3273459.82		A	8.3
3	☐	1.000		3597271.39		A	1.3
4	☐	1.000		3609956.63		A	1.2
5	☐	1.000		3505377.33		A	0.3
6	☐	1.000		3474213.88		A	1.5
7	☐	1.000		3483991.53		A	0.8
8	☐	1.000		3314506.91		A	1.6

103 Rh (ISTD) [He]

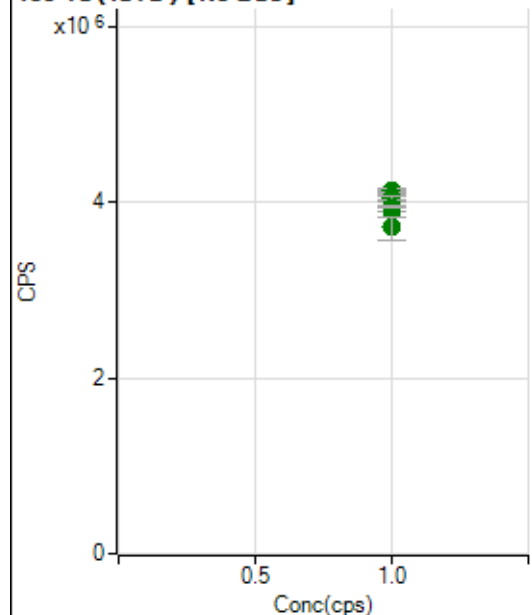
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1560832.88		A	0.8
2	☐	1.000		1569277.27		A	1.3
3	☐	1.000		1639204.31		A	1.1
4	☐	1.000		1598700.22		A	1.6
5	☐	1.000		1633768.19		A	0.6
6	☐	1.000		1518155.88		M	5.0
7	☐	1.000		1558410.88		A	1.9
8	☐	1.000		1506139.65		A	0.5

115 In (ISTD) [No Gas]

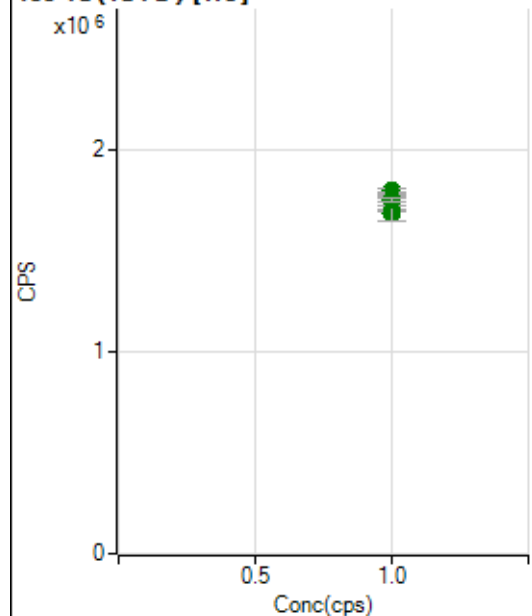
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3497733.40		A	1.3
2	☐	1.000		3412972.89		A	8.8
3	☐	1.000		3729724.90		A	0.7
4	☐	1.000		3753631.88		A	1.0
5	☐	1.000		3666390.18		A	1.3
6	☐	1.000		3580918.92		A	1.6
7	☐	1.000		3605862.94		A	1.0
8	☐	1.000		3532579.38		A	0.9

115 In (ISTD) [He]

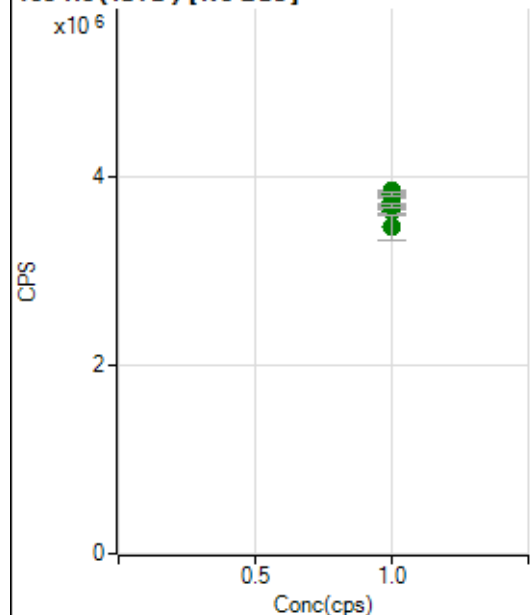
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		532390.84		P	0.9
2	☐	1.000		531414.40		P	0.5
3	☐	1.000		556595.78		P	0.6
4	☐	1.000		543061.87		P	1.8
5	☐	1.000		550786.24		P	0.4
6	☐	1.000		514909.90		P	5.8
7	☐	1.000		531675.55		P	0.7
8	☐	1.000		528599.55		P	0.3

159 Tb (ISTD) [No Gas]

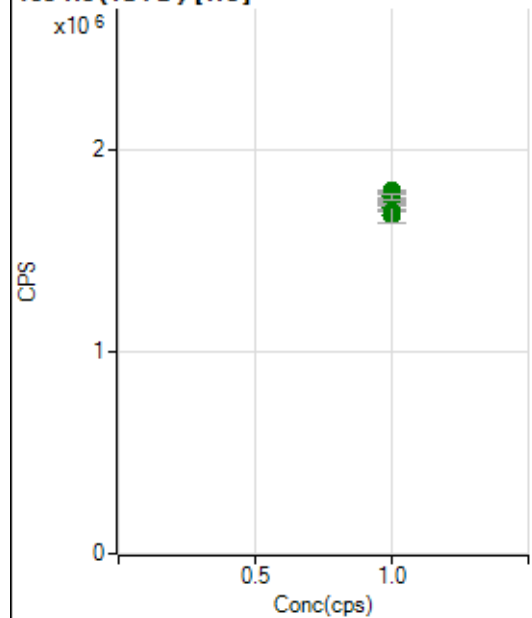
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3885677.06		A	3.2
2	☐	1.000		3729521.26		A	8.5
3	☐	1.000		4123560.39		A	1.1
4	☐	1.000		4128127.02		A	1.6
5	☐	1.000		4064903.72		A	2.8
6	☐	1.000		4007830.77		A	0.7
7	☐	1.000		4054966.95		A	1.2
8	☐	1.000		3944232.51		A	0.8

159 Tb (ISTD) [He]

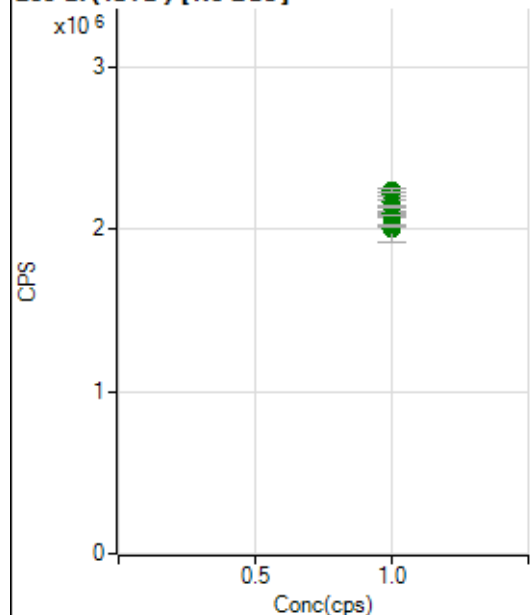
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1727264.04		A	2.0
2	☐	1.000		1698266.31		A	0.4
3	☐	1.000		1798257.44		A	1.0
4	☐	1.000		1757735.62		A	1.6
5	☐	1.000		1786840.53		A	0.8
6	☐	1.000		1686567.44		A	5.0
7	☐	1.000		1763012.89		A	1.8
8	☐	1.000		1751763.98		A	1.0

165 Ho (ISTD) [No Gas]

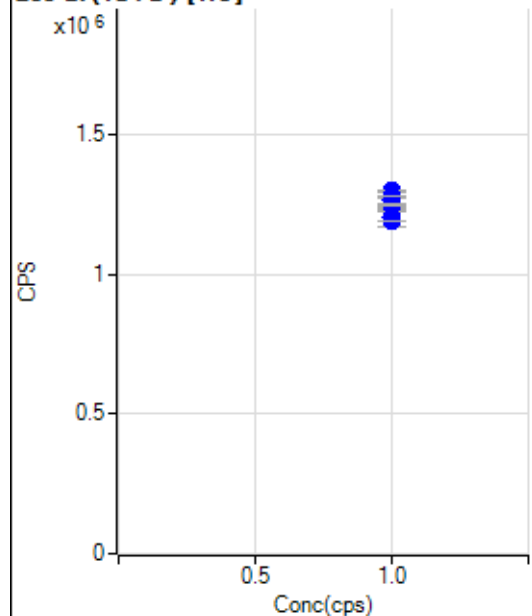
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3616387.80		A	2.0
2	☐	1.000		3455430.74		A	8.1
3	☐	1.000		3841482.59		A	0.3
4	☐	1.000		3824576.65		A	1.0
5	☐	1.000		3772116.06		A	0.6
6	☐	1.000		3726353.42		A	2.1
7	☐	1.000		3807872.96		A	1.4
8	☐	1.000		3679758.20		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1713297.35		A	1.1
2	☐	1.000		1693321.83		A	0.2
3	☐	1.000		1794076.81		A	0.6
4	☐	1.000		1763274.83		A	2.3
5	☐	1.000		1785675.18		A	0.4
6	☐	1.000		1678016.80		A	5.0
7	☐	1.000		1748851.61		A	1.6
8	☐	1.000		1767576.07		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2086757.38		A	1.4
2	☐	1.000		2003056.97		A	8.2
3	☐	1.000		2215364.27		A	1.2
4	☐	1.000		2237995.87		A	1.1
5	☐	1.000		2165369.29		A	1.7
6	☐	1.000		2103712.80		A	1.2
7	☐	1.000		2141958.58		A	0.5
8	☐	1.000		2023042.77		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1244680.29		P	1.3
2	☐	1.000		1227971.89		P	0.6
3	☐	1.000		1297963.63		P	0.5
4	☐	1.000		1262804.41		P	2.0
5	☐	1.000		1280926.70		P	0.3
6	☐	1.000		1202538.65		P	5.7
7	☐	1.000		1248592.55		P	1.0
8	☐	1.000		1190753.75		P	0.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\6020 P8121720A.b
Acq. Date-Time 2020-12-17 13:17:13
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		2078	20780.46			0.996	5.000
24		24482	244816.60			1.927	5.000
25		3272	32722.52			1.675	5.000
26		3752	37516.81			1.429	5.000
59		4123	41231.10			2.184	5.000
113		1892	18923.29			1.737	5.000
115		6056	60558.53			1.370	5.000
206		2059	20594.40			2.536	5.000
207		1730	17298.44			2.585	5.000
208		4184	41837.01			2.453	5.000
220		1	8.40			34.297	

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

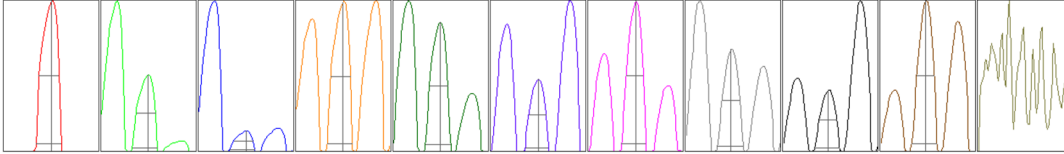
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2044	2085	2079	2100	2082
24	23711	24358	24832	24828	24679
25	3198	3231	3305	3327	3299
26	3671	3726	3768	3795	3799
59	3967	4128	4189	4160	4172
113	1838	1884	1916	1909	1915
115	5930	6020	6093	6143	6093
206	1969	2063	2081	2091	2094
207	1654	1726	1746	1764	1758
208	4017	4192	4186	4295	4229

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3546.82	9.05	8.90 - 9.10	
24	42497.63	24.00	23.90 - 24.10	
25	5693.08	25.05	24.90 - 25.10	
26	6372.06	26.00	25.90 - 26.10	
59	7540.42	59.00	58.90 - 59.10	
113	3643.93	113.05	112.90 - 113.10	
115	11732.45	115.05	114.90 - 115.10	
206	3821.74	205.95	205.90 - 206.10	
207	3198.56	206.95	206.90 - 207.10	
208	7887.38	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.788	0.900	
24	0.61	0.789	0.900	
25	0.60	0.787	0.900	
26	0.63	0.788	0.900	
59	0.57	0.811	0.900	
113	0.54	0.735	0.900	
115	0.53	0.769	0.900	
206	0.56	0.818	0.900	
207	0.56	0.784	0.900	
208	0.55	0.795	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 0.52 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	10.8 V	Deflect	15.0 V
Extract 2	-220.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 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	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		956	9562.18			0.247	
89		30236	302357.30			0.376	
205		1833	18330.62			0.455	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	957	956	954	954	960
89	30249	30187	30324	30068	30351
205	1834	1845	1833	1822	1831

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 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	10.8 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-220.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 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	0.9990	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:12:49 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.42	0.93	0.49	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.02	0.02	-0.04	0.00	N/A	ppb
Barium	137-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.19	-0.18	0.00	N/A	ppb
Boron	11-1	0.02	0.03	-0.05	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.03	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.34	-0.19	-0.15	0.00	N/A	ppb
Cadmium	108-1	0.75	-0.46	-0.29	0.00	N/A	ppb
Calcium	43-1	-0.33	0.78	-0.45	0.00	N/A	ppb
Calcium	44-1	-0.71	2.28	-1.57	0.00	N/A	ppb
Chromium	52-2	0.00	0.05	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.07	0.04	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.12	0.68	-0.56	0.00	N/A	ppb
Iron	56-2	0.29	-0.27	-0.01	0.00	N/A	ppb
Iron	57-2	-1.81	-1.11	2.93	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.03	0.00	-0.04	0.00	N/A	ppb
Lead	208-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:12:49	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1.33	-1.47	0.13	0.00	N/A	ppb
Manganese	55-2	-0.04	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.07	-0.03	-0.04	0.00	N/A	ppb
Molybdenum	98-1	0.02	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Phosphorus	31-2	-16.16	3.40	-23.91	-12.22		ppb
Potassium	39-2	3.68	9.06	-12.74	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.65	0.68	-1.33	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.06	0.82	0.23	0.00	N/A	ppb
Silicon	28-1	-15.84	20.30	-4.46	0.00	N/A	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	3.38	2.47	-5.85	0.00	N/A	ppb
Strontium	86-1	-0.12	0.09	0.03	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	-2322.77	-551.42	-1259.36	-1377.85		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	-0.03	0.00	0.00	N/A	ppb
Thallium	205-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:12:49	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.07	0.02	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:16:01 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.42	20.35	20.80	21.52	7.71	ppb
Antimony	121-1	2.16	1.96	1.79	1.97	9.45	ppb
Arsenic	75-2	0.97	0.94	0.96	0.96	1.50	ppb
Barium	135-1	11.25	9.54	9.45	10.08	10.09	ppb
Barium	137-1	10.37	10.05	9.58	10.00	3.97	ppb
Beryllium	9-1	0.93	0.92	0.88	0.91	2.88	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	22.94	22.88	22.40	22.74	1.29	ppb
Boron	11-1	21.27	21.36	22.95	21.86	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	0.97	0.94	1.01	9.38	ppb
Cadmium	106-1	0.91	-2.19	-0.17	-0.48		ppb
Cadmium	108-1	0.65	0.73	0.77	0.72	9.02	ppb
Calcium	43-1	558.83	474.22	468.45	500.50	10.11	ppb
Calcium	44-1	567.60	480.85	482.99	510.48	9.69	ppb
Chromium	52-2	1.99	1.94	2.05	1.99	2.85	ppb
Cobalt	59-2	0.98	0.99	0.85	0.94	8.06	ppb
Copper	63-2	1.98	2.09	2.20	2.09	5.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	50.57	48.14	49.50	49.40	2.46	ppb
Iron	56-2	49.84	46.40	47.72	47.98	3.62	ppb
Iron	57-2	48.90	46.77	42.12	45.93	7.55	ppb
Krypton	83-1						cps
Lead	206-1	1.10	0.93	0.91	0.98	10.61	ppb
Lead	207-1	0.95	0.89	0.86	0.90	5.42	ppb
Lead	208-1	1.06	0.89	0.85	0.93	12.25	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:16:01	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	474.84	464.24	463.49	467.52	1.36	ppb
Manganese	55-2	0.96	0.84	1.01	0.94	9.17	ppb
Molybdenum	94-1	5.67	4.91	4.85	5.14	8.93	ppb
Molybdenum	95-1	5.73	5.06	4.80	5.20	9.29	ppb
Molybdenum	96-1	5.83	5.06	4.94	5.28	9.18	ppb
Molybdenum	97-1	5.60	5.11	4.89	5.20	7.03	ppb
Molybdenum	98-1	5.78	5.12	4.60	5.17	11.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.88	1.13	0.95	16.01	ppb
Phosphorus	31-2	31.56	22.43	-17.34	12.22	212.76	ppb
Potassium	39-2	477.94	484.68	454.50	472.38	3.35	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	3.28	5.20	4.15	4.21	22.84	ppb
Selenium	77-2	9.98	4.99	0.00	4.99	99.96	ppb
Selenium	78-2	1.30	5.52	4.28	3.70	58.65	ppb
Silicon	28-1	175.33	17.92	17.41	70.22	129.63	ppb
Silver	109-1	1.05	0.96	1.02	1.01	4.53	ppb
Silver	107-1	0.99	0.90	0.85	0.91	7.49	ppb
Sodium	23-2	503.60	487.15	493.83	494.86	1.67	ppb
Strontium	86-1	1.71	1.27	1.09	1.36	23.53	ppb
Strontium	88-1	1.15	0.88	0.94	0.99	14.37	ppb
Sulfur	34-1	8026.68	-2008.14	-1884.98	1377.85	417.93	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	1.03	0.84	0.92	0.93	10.37	ppb
Thallium	205-1	1.17	0.98	0.93	1.03	12.65	ppb
Tin	118-1	5.25	4.69	4.30	4.75	10.15	ppb
Titanium	47-1	6.99	4.56	4.68	5.41	25.33	ppb
Uranium	238-1	1.06	0.96	0.88	0.97	9.11	ppb
Vanadium	51-2	4.70	4.40	4.51	4.54	3.39	ppb
Yttrium	89-1				96		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:16:01	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1.97	1.92	2.15	2.01	5.91	ppb
Zirconium	90-1	1.19	1.03	0.85	1.02	16.45	ppb
Zirconium	91-1	1.05	0.91	0.78	0.91	14.98	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:19:10 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1045.84	1026.99	1017.37	1030.06	1.41	ppb
Antimony	121-1	50.78	50.51	49.23	50.17	1.65	ppb
Arsenic	75-2	51.14	50.93	49.40	50.49	1.89	ppb
Barium	135-1	251.93	251.18	249.50	250.87	0.50	ppb
Barium	137-1	255.15	259.12	251.28	255.19	1.53	ppb
Beryllium	9-1	52.76	51.33	52.09	52.06	1.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	48.23	50.60	51.41	50.08	3.30	ppb
Boron	11-1	46.99	50.04	53.93	50.32	6.91	ppb
Bromine	81-1						cps
Cadmium	111-1	50.37	50.88	50.21	50.49	0.69	ppb
Cadmium	106-1	44.74	50.20	47.89	47.61	5.75	ppb
Cadmium	108-1	47.79	50.10	52.85	50.25	5.04	ppb
Calcium	43-1	5099.59	4989.82	5043.44	5044.28	1.09	ppb
Calcium	44-1	5243.75	5168.46	5215.13	5209.11	0.73	ppb
Chromium	52-2	49.90	49.41	49.57	49.63	0.51	ppb
Cobalt	59-2	50.63	51.21	50.31	50.72	0.90	ppb
Copper	63-2	514.36	515.42	506.94	512.24	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	2713.92	2646.87	2688.84	2683.21	1.26	ppb
Iron	56-2	2605.92	2653.80	2576.88	2612.20	1.49	ppb
Iron	57-2	2562.39	2559.07	2583.85	2568.44	0.52	ppb
Krypton	83-1						cps
Lead	206-1	243.12	239.63	242.26	241.67	0.75	ppb
Lead	207-1	239.60	239.78	244.19	241.19	1.08	ppb
Lead	208-1	245.12	242.76	247.38	245.09	0.94	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:19:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	5354.44	5329.04	5267.82	5317.10	0.84	ppb
Manganese	55-2	502.70	502.72	496.34	500.59	0.73	ppb
Molybdenum	94-1	260.97	255.85	251.84	256.22	1.79	ppb
Molybdenum	95-1	258.18	252.17	249.55	253.30	1.75	ppb
Molybdenum	96-1	252.07	252.84	249.80	251.57	0.63	ppb
Molybdenum	97-1	257.72	256.99	251.14	255.28	1.41	ppb
Molybdenum	98-1	262.65	256.90	248.93	256.16	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.56	51.60	50.78	51.31	0.90	ppb
Phosphorus	31-2	885.77	1058.51	1049.04	997.77	9.73	ppb
Potassium	39-2	2631.37	2592.40	2643.38	2622.38	1.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	53.59	47.53	48.98	50.04	6.32	ppb
Selenium	77-2	47.84	66.78	47.83	54.15	20.20	ppb
Selenium	78-2	49.75	54.47	46.13	50.12	8.34	ppb
Silicon	28-1	21.22	-16.24	-6.45	-0.49		ppb
Silver	109-1	51.23	51.46	49.96	50.88	1.58	ppb
Silver	107-1	50.77	52.05	50.33	51.05	1.75	ppb
Sodium	23-2	5359.52	5354.42	5278.78	5330.90	0.85	ppb
Strontium	86-1	50.84	49.80	49.48	50.04	1.42	ppb
Strontium	88-1	51.73	51.90	50.88	51.50	1.06	ppb
Sulfur	34-1	-2897.73	-3754.01	-2721.31	-3124.35		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	48.89	47.78	49.97	48.88	2.24	ppb
Thallium	205-1	50.01	48.70	50.38	49.69	1.78	ppb
Tin	118-1	51.59	50.98	50.51	51.03	1.05	ppb
Titanium	47-1	248.82	251.67	254.74	251.74	1.18	ppb
Uranium	238-1	48.44	48.35	49.90	48.90	1.78	ppb
Vanadium	51-2	50.12	49.49	49.68	49.76	0.65	ppb
Yttrium	89-1				107		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:19:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	512.17	511.34	510.90	511.47	0.13	ppb
Zirconium	90-1	52.22	50.60	50.15	50.99	2.14	ppb
Zirconium	91-1	49.85	49.00	48.46	49.10	1.42	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:22:20 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2636.42	2616.77	2533.74	2595.65	2.10	ppb
Antimony	121-1	122.80	128.35	126.57	125.91	2.25	ppb
Arsenic	75-2	129.02	126.53	123.30	126.28	2.27	ppb
Barium	135-1	626.69	648.58	626.49	633.92	2.00	ppb
Barium	137-1	634.22	643.45	641.81	639.83	0.77	ppb
Beryllium	9-1	128.04	128.15	131.12	129.10	1.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	112.89	123.06	130.97	122.30	7.41	ppb
Boron	11-1	112.49	126.16	135.50	124.72	9.28	ppb
Bromine	81-1						cps
Cadmium	111-1	125.00	128.00	126.01	126.34	1.21	ppb
Cadmium	106-1	113.36	132.69	124.61	123.55	7.86	ppb
Cadmium	108-1	122.16	129.96	119.84	123.99	4.27	ppb
Calcium	43-1	12853.66	12302.52	12698.23	12618.14	2.25	ppb
Calcium	44-1	12840.42	12387.27	12417.52	12548.41	2.02	ppb
Chromium	52-2	128.78	131.09	124.69	128.19	2.53	ppb
Cobalt	59-2	128.48	130.80	123.62	127.63	2.87	ppb
Copper	63-2	1317.94	1319.19	1263.70	1300.28	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	6862.29	6825.61	6550.43	6746.11	2.53	ppb
Iron	56-2	6728.00	6728.12	6386.07	6614.06	2.99	ppb
Iron	57-2	6753.83	6701.86	6431.76	6629.15	2.61	ppb
Krypton	83-1						cps
Lead	206-1	604.74	608.52	617.44	610.23	1.07	ppb
Lead	207-1	601.90	610.67	620.46	611.01	1.52	ppb
Lead	208-1	611.78	621.82	622.90	618.83	0.99	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:22:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	13503.04	13623.55	13115.76	13414.11	1.98	ppb
Manganese	55-2	1293.06	1297.54	1240.50	1277.03	2.48	ppb
Molybdenum	94-1	652.56	657.33	655.54	655.14	0.37	ppb
Molybdenum	95-1	653.32	648.69	649.04	650.35	0.40	ppb
Molybdenum	96-1	651.47	646.34	645.36	647.72	0.51	ppb
Molybdenum	97-1	649.38	634.44	640.84	641.55	1.17	ppb
Molybdenum	98-1	651.40	635.84	625.19	637.48	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.32	132.09	127.01	129.47	1.96	ppb
Phosphorus	31-2	2370.72	2655.87	2472.67	2499.75	5.78	ppb
Potassium	39-2	6808.00	6819.62	6478.34	6701.99	2.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	127.32	128.06	121.46	125.62	2.88	ppb
Selenium	77-2	99.26	128.92	100.41	109.53	15.34	ppb
Selenium	78-2	126.14	133.19	118.18	125.84	5.97	ppb
Silicon	28-1	93.40	76.81	73.13	81.11	13.31	ppb
Silver	109-1	125.83	129.00	127.39	127.41	1.24	ppb
Silver	107-1	126.02	129.50	128.27	127.93	1.38	ppb
Sodium	23-2	13447.24	13615.14	13376.76	13479.72	0.91	ppb
Strontium	86-1	129.45	125.83	128.57	127.95	1.48	ppb
Strontium	88-1	130.09	129.86	131.02	130.32	0.47	ppb
Sulfur	34-1	-159.00	-2280.76	-1765.05	-1401.60		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	117.62	121.10	121.97	120.23	1.91	ppb
Thallium	205-1	121.43	123.37	126.78	123.86	2.19	ppb
Tin	118-1	125.20	128.94	129.63	127.92	1.86	ppb
Titanium	47-1	640.45	631.34	634.73	635.51	0.72	ppb
Uranium	238-1	122.10	122.15	123.13	122.46	0.47	ppb
Vanadium	51-2	129.84	127.36	122.68	126.63	2.87	ppb
Yttrium	89-1				106		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:22:20	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1319.20	1325.50	1261.28	1301.99	2.72	ppb
Zirconium	90-1	129.40	129.32	131.20	129.97	0.82	ppb
Zirconium	91-1	127.50	126.08	126.91	126.83	0.56	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4996.74	5085.57	5034.36	5038.89	0.88	ppb
Antimony	121-1	250.24	240.21	254.08	248.18	2.89	ppb
Arsenic	75-2	245.78	241.05	242.22	243.02	1.02	ppb
Barium	135-1	1267.86	1218.48	1284.65	1257.00	2.74	ppb
Barium	137-1	1281.75	1248.47	1288.59	1272.94	1.69	ppb
Beryllium	9-1	250.12	254.48	253.11	252.57	0.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	219.52	246.70	262.99	243.07	9.03	ppb
Boron	11-1	224.69	250.58	259.26	244.84	7.35	ppb
Bromine	81-1						cps
Cadmium	111-1	251.40	242.90	255.04	249.78	2.49	ppb
Cadmium	106-1	249.32	236.19	254.43	246.65	3.81	ppb
Cadmium	108-1	252.99	240.47	248.37	247.28	2.56	ppb
Calcium	43-1	24569.47	25221.55	24748.78	24846.60	1.36	ppb
Calcium	44-1	24829.88	25271.63	25242.76	25114.76	0.98	ppb
Chromium	52-2	246.40	250.74	247.02	248.05	0.95	ppb
Cobalt	59-2	247.06	247.25	245.93	246.74	0.29	ppb
Copper	63-2	2482.28	2525.85	2488.98	2499.04	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	13119.37	13204.91	13033.02	13119.10	0.66	ppb
Iron	56-2	12761.05	12707.82	12576.43	12681.77	0.75	ppb
Iron	57-2	12652.63	12772.53	12689.24	12704.80	0.48	ppb
Krypton	83-1						cps
Lead	206-1	1250.48	1239.02	1223.49	1237.67	1.09	ppb
Lead	207-1	1262.85	1262.08	1221.10	1248.68	1.91	ppb
Lead	208-1	1267.19	1254.68	1231.19	1251.02	1.46	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	25646.03	25386.45	25665.26	25565.91	0.61	ppb
Manganese	55-2	2469.30	2470.30	2434.22	2457.94	0.84	ppb
Molybdenum	94-1	1274.62	1248.92	1243.75	1255.76	1.32	ppb
Molybdenum	95-1	1293.64	1270.99	1233.46	1266.03	2.40	ppb
Molybdenum	96-1	1263.55	1256.18	1241.92	1253.88	0.88	ppb
Molybdenum	97-1	1287.61	1256.61	1245.10	1263.11	1.74	ppb
Molybdenum	98-1	1278.55	1256.61	1209.26	1248.14	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.08	250.78	251.14	250.67	0.21	ppb
Phosphorus	31-2	5349.69	4823.63	4927.57	5033.63	5.53	ppb
Potassium	39-2	12877.99	12958.17	12847.70	12894.62	0.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	250.25	251.25	254.30	251.93	0.84	ppb
Selenium	77-2	222.60	255.58	192.31	223.50	14.16	ppb
Selenium	78-2	253.36	245.95	248.21	249.18	1.52	ppb
Silicon	28-1	220.55	243.54	242.27	235.45	5.49	ppb
Silver	109-1	252.33	242.14	256.60	250.36	2.97	ppb
Silver	107-1	254.49	246.02	258.03	252.85	2.44	ppb
Sodium	23-2	25853.69	25629.31	25416.40	25633.13	0.85	ppb
Strontium	86-1	250.09	245.64	246.53	247.42	0.95	ppb
Strontium	88-1	252.65	253.02	248.84	251.50	0.92	ppb
Sulfur	34-1	1353.39	2875.82	1423.83	1884.35	45.61	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	252.12	243.68	245.92	247.24	1.77	ppb
Thallium	205-1	249.93	248.30	247.38	248.54	0.52	ppb
Tin	118-1	254.35	244.49	254.84	251.23	2.32	ppb
Titanium	47-1	1218.16	1275.09	1247.21	1246.82	2.28	ppb
Uranium	238-1	250.34	245.34	244.87	246.85	1.23	ppb
Vanadium	51-2	245.36	247.31	244.50	245.72	0.59	ppb
Yttrium	89-1				105		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:25:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	2488.00	2527.02	2483.59	2499.54	0.96	ppb
Zirconium	90-1	257.38	252.84	254.47	254.90	0.90	ppb
Zirconium	91-1	250.57	247.94	242.94	247.15	1.57	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:28:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10128.94	10135.72	11295.25	10519.97	6.38	ppb
Antimony	121-1	486.64	491.93	495.89	491.48	0.94	ppb
Arsenic	75-2	494.10	492.62	540.22	508.98	5.32	ppb
Barium	135-1	2409.07	2429.41	2448.29	2428.93	0.81	ppb
Barium	137-1	2443.50	2431.43	2446.90	2440.61	0.33	ppb
Beryllium	9-1	493.68	505.42	512.68	503.93	1.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	441.55	499.95	524.91	488.80	8.75	ppb
Boron	11-1	445.49	496.53	531.77	491.26	8.83	ppb
Bromine	81-1						cps
Cadmium	111-1	491.90	487.24	499.45	492.87	1.25	ppb
Cadmium	106-1	479.65	475.52	499.94	485.04	2.69	ppb
Cadmium	108-1	497.85	489.50	502.71	496.69	1.34	ppb
Calcium	43-1	48658.20	49975.99	49973.86	49536.01	1.53	ppb
Calcium	44-1	48698.77	50840.16	49639.44	49726.13	2.16	ppb
Chromium	52-2	497.85	498.68	554.50	517.01	6.28	ppb
Cobalt	59-2	495.31	498.21	551.84	515.12	6.18	ppb
Copper	63-2	4948.73	4995.19	5627.89	5190.60	7.31	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				103		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	26072.95	26119.83	29404.87	27199.22	7.02	ppb
Iron	56-2	25327.64	25844.94	28475.00	26549.19	6.36	ppb
Iron	57-2	25338.71	25531.68	28569.81	26480.07	6.84	ppb
Krypton	83-1						cps
Lead	206-1	2467.64	2443.61	2497.69	2469.65	1.10	ppb
Lead	207-1	2493.83	2480.40	2497.53	2490.59	0.36	ppb
Lead	208-1	2478.24	2466.21	2500.61	2481.69	0.70	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:28:24	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	50369.75	51386.33	57202.73	52986.27	6.96	ppb
Manganese	55-2	4879.74	4984.37	5515.91	5126.67	6.65	ppb
Molybdenum	94-1	2437.96	2449.74	2481.43	2456.37	0.92	ppb
Molybdenum	95-1	2411.49	2443.40	2473.21	2442.70	1.26	ppb
Molybdenum	96-1	2428.42	2472.27	2470.41	2457.03	1.01	ppb
Molybdenum	97-1	2445.45	2527.57	2443.84	2472.29	1.94	ppb
Molybdenum	98-1	2457.20	2468.32	2460.53	2462.02	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.39	495.67	550.53	514.53	6.06	ppb
Phosphorus	31-2	9370.41	9720.83	10794.26	9961.84	7.45	ppb
Potassium	39-2	25607.71	26239.77	28938.52	26928.67	6.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	494.97	487.30	493.35	491.87	0.82	ppb
Selenium	77-2	512.56	511.68	546.49	523.57	3.79	ppb
Selenium	78-2	485.68	496.92	552.06	511.56	6.95	ppb
Silicon	28-1	539.17	588.98	594.90	574.35	5.33	ppb
Silver	109-1	486.34	485.19	489.05	486.86	0.41	ppb
Silver	107-1	494.17	487.27	497.93	493.12	1.10	ppb
Sodium	23-2	50573.62	51541.69	56496.06	52870.46	6.01	ppb
Strontium	86-1	490.16	488.10	496.92	491.73	0.94	ppb
Strontium	88-1	492.73	500.89	488.66	494.09	1.26	ppb
Sulfur	34-1	8621.43	9461.56	8939.00	9007.33	4.71	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	490.16	485.77	502.58	492.84	1.77	ppb
Thallium	205-1	498.67	486.94	495.73	493.78	1.24	ppb
Tin	118-1	492.55	499.40	502.95	498.30	1.06	ppb
Titanium	47-1	2464.53	2497.25	2520.80	2494.20	1.13	ppb
Uranium	238-1	480.96	492.69	494.55	489.40	1.50	ppb
Vanadium	51-2	491.45	492.73	544.09	509.42	5.89	ppb
Yttrium	89-1				104		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:28:24	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	4967.37	5004.27	5533.10	5168.25	6.12	ppb
Zirconium	90-1	490.45	495.03	495.50	493.66	0.57	ppb
Zirconium	91-1	490.12	486.25	491.46	489.28	0.55	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:31:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20551.83	19948.33	20439.93	20313.36	1.58	ppb
Antimony	121-1	989.55	1012.68	1011.54	1004.59	1.30	ppb
Arsenic	75-2	1005.28	988.52	997.42	997.07	0.84	ppb
Barium	135-1	4978.30	5085.93	5033.66	5032.63	1.07	ppb
Barium	137-1	4907.08	5117.18	5041.29	5021.85	2.12	ppb
Beryllium	9-1	1000.58	1006.80	982.96	996.78	1.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	946.94	1017.74	1058.48	1007.72	5.60	ppb
Boron	11-1	939.35	1026.51	1051.41	1005.76	5.85	ppb
Bromine	81-1						cps
Cadmium	111-1	984.72	1007.73	1017.84	1003.43	1.69	ppb
Cadmium	106-1	973.00	1027.36	1025.50	1008.62	3.06	ppb
Cadmium	108-1	991.31	1003.20	1012.85	1002.45	1.08	ppb
Calcium	43-1	100784.40	99453.46	100319.69	100185.85	0.67	ppb
Calcium	44-1	101485.98	98486.54	99371.31	99781.27	1.54	ppb
Chromium	52-2	1007.56	977.74	989.50	991.60	1.51	ppb
Cobalt	59-2	1000.29	981.25	997.14	992.89	1.03	ppb
Copper	63-2	10034.51	9771.38	9888.23	9898.04	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	53406.79	52169.07	53446.09	53007.32	1.37	ppb
Iron	56-2	51615.89	50917.71	50969.73	51167.77	0.76	ppb
Iron	57-2	51839.64	50171.88	50961.80	50991.11	1.64	ppb
Krypton	83-1						cps
Lead	206-1	5010.18	5129.53	4921.85	5020.52	2.08	ppb
Lead	207-1	4991.67	5128.14	4901.87	5007.23	2.28	ppb
Lead	208-1	4992.86	5092.33	4944.57	5009.92	1.50	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:31:23 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	104174.91	100164.99	101081.23	101807.04	2.06	ppb
Manganese	55-2	10022.28	9782.95	10026.08	9943.77	1.40	ppb
Molybdenum	94-1	4929.71	5072.18	5047.00	5016.29	1.52	ppb
Molybdenum	95-1	4983.88	5071.94	5008.10	5021.31	0.91	ppb
Molybdenum	96-1	4950.21	5074.71	5027.86	5017.59	1.25	ppb
Molybdenum	97-1	4970.23	5034.93	5019.59	5008.25	0.68	ppb
Molybdenum	98-1	4963.41	5072.06	5017.28	5017.59	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.87	977.75	994.21	991.94	1.33	ppb
Phosphorus	31-2	20578.84	19675.71	19777.91	20010.82	2.47	ppb
Potassium	39-2	51688.57	49595.93	51344.79	50876.43	2.21	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	999.39	1008.28	1002.84	1003.51	0.45	ppb
Selenium	77-2	1086.48	966.73	936.48	996.56	7.96	ppb
Selenium	78-2	987.56	986.98	1008.43	994.32	1.23	ppb
Silicon	28-1	974.37	957.78	989.46	973.87	1.63	ppb
Silver	109-1	992.85	1011.22	1014.34	1006.14	1.15	ppb
Silver	107-1	978.29	1008.91	1019.73	1002.31	2.14	ppb
Sodium	23-2	105022.58	102172.47	103380.87	103525.31	1.38	ppb
Strontium	86-1	1003.32	1008.19	1001.72	1004.41	0.34	ppb
Strontium	88-1	988.66	1011.61	1005.25	1001.84	1.18	ppb
Sulfur	34-1	22581.09	21563.65	21762.76	21969.17	2.45	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1010.87	994.92	1008.97	1004.92	0.87	ppb
Thallium	205-1	1015.07	997.88	997.95	1003.63	0.99	ppb
Tin	118-1	973.36	1014.41	1012.62	1000.13	2.32	ppb
Titanium	47-1	4974.54	5043.20	4989.14	5002.30	0.72	ppb
Uranium	238-1	1011.46	1001.75	1006.18	1006.46	0.48	ppb
Vanadium	51-2	1016.41	982.52	989.57	996.17	1.80	ppb
Yttrium	89-1				106		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:31:23	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	10032.76	9773.72	9920.27	9908.92	1.31	ppb
Zirconium	90-1	996.03	1001.04	1006.75	1001.27	0.54	ppb
Zirconium	91-1	996.11	1010.62	1010.94	1005.89	0.84	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:34:24	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99926.41	100765.69	98949.98	99880.69	0.91	ppb
Antimony	121-1	0.88	0.88	0.94	0.90	3.89	ppb
Arsenic	75-2	0.49	0.38	0.40	0.42	13.49	ppb
Barium	135-1	8.89	9.69	9.65	9.41	4.79	ppb
Barium	137-1	9.93	9.42	9.63	9.66	2.64	ppb
Beryllium	9-1	0.71	0.59	0.58	0.63	12.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	158.00	143.85	131.53	144.46	9.17	ppb
Boron	11-1	159.31	142.49	131.97	144.59	9.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.58	0.43	0.54	0.52	14.71	ppb
Cadmium	106-1	1.88	-0.88	1.85	0.95	166.76	ppb
Cadmium	108-1	1.05	0.36	0.94	0.78	47.53	ppb
Calcium	43-1	507489.20	488144.82	504406.49	500013.50	2.08	ppb
Calcium	44-1	500480.11	493529.99	506176.14	500062.08	1.27	ppb
Chromium	52-2	8.71	9.22	9.17	9.03	3.12	ppb
Cobalt	59-2	1.84	1.86	1.90	1.87	1.47	ppb
Copper	63-2	7.46	7.74	7.52	7.57	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	249522.45	251606.02	246271.81	249133.43	1.08	ppb
Iron	56-2	248342.28	252664.81	247769.56	249592.21	1.07	ppb
Iron	57-2	249952.15	252297.30	246650.66	249633.37	1.14	ppb
Krypton	83-1						cps
Lead	206-1	6.61	6.30	6.59	6.50	2.68	ppb
Lead	207-1	6.14	6.24	6.57	6.31	3.60	ppb
Lead	208-1	6.38	6.31	6.44	6.38	0.99	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:34:24	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	497012.62	504695.74	496148.68	499285.68	0.94	ppb
Manganese	55-2	10.48	10.85	9.93	10.42	4.41	ppb
Molybdenum	94-1	2.37	2.77	2.40	2.51	8.93	ppb
Molybdenum	95-1	2.72	2.72	2.50	2.65	4.72	ppb
Molybdenum	96-1	2.88	2.90	2.82	2.87	1.44	ppb
Molybdenum	97-1	2.89	2.46	2.55	2.63	8.45	ppb
Molybdenum	98-1	2.79	2.68	2.58	2.68	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.15	7.61	7.00	7.26	4.39	ppb
Phosphorus	31-2	-3.88	43.62	15.33	18.36	130.14	ppb
Potassium	39-2	248919.73	248973.65	250905.57	249599.65	0.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.69	1.27	-3.53	-0.99		ppb
Selenium	77-2	2.45	2.45	0.00	1.63	86.60	ppb
Selenium	78-2	-0.64	-1.74	-3.21	-1.86		ppb
Silicon	28-1	85.25	76.00	92.66	84.64	9.86	ppb
Silver	109-1	0.50	0.53	0.59	0.54	8.33	ppb
Silver	107-1	0.56	0.56	0.51	0.55	4.98	ppb
Sodium	23-2	494717.53	501868.80	500258.99	498948.44	0.75	ppb
Strontium	86-1	5.97	5.16	5.35	5.50	7.69	ppb
Strontium	88-1	5.50	5.59	5.60	5.56	1.08	ppb
Sulfur	34-1	-7155.23	-8393.56	-7198.24	-7582.34		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.77	0.67	0.70	0.71	7.73	ppb
Thallium	205-1	0.76	0.74	0.71	0.74	3.88	ppb
Tin	118-1	0.50	0.57	0.53	0.54	6.79	ppb
Titanium	47-1	0.93	1.03	0.93	0.96	6.31	ppb
Uranium	238-1	0.20	0.18	0.18	0.19	7.27	ppb
Vanadium	51-2	0.33	0.27	0.25	0.28	15.84	ppb
Yttrium	89-1				102		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:34:24	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	23.01	23.21	20.42	22.21	7.02	ppb
Zirconium	90-1	0.32	0.30	0.31	0.31	2.93	ppb
Zirconium	91-1	0.23	0.21	0.21	0.22	5.88	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:31:48	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	521.44	517.83	514.37	517.88	0.68	ppb
Antimony	121-1	199.16	202.02	201.09	200.76	0.73	ppb
Arsenic	75-2	204.41	204.16	200.25	202.94	1.15	ppb
Barium	135-1	102.00	102.45	104.43	102.96	1.26	ppb
Barium	137-1	102.25	107.63	106.65	105.51	2.72	ppb
Beryllium	9-1	98.45	103.03	103.00	101.49	2.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	567.40	630.99	649.52	615.97	6.99	ppb
Boron	11-1	571.27	634.87	644.80	616.98	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	106.42	106.57	105.96	106.31	0.30	ppb
Cadmium	106-1	164.81	152.95	158.37	158.71	3.74	ppb
Cadmium	108-1	133.13	145.22	146.27	141.54	5.16	ppb
Calcium	43-1	2094.37	2117.32	2146.69	2119.46	1.24	ppb
Calcium	44-1	2092.92	2111.20	2127.10	2110.41	0.81	ppb
Chromium	52-2	103.74	101.52	100.81	102.02	1.50	ppb
Cobalt	59-2	105.49	102.95	102.38	103.60	1.60	ppb
Copper	63-2	104.17	102.14	100.72	102.34	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	2216.12	2127.81	2159.84	2167.92	2.06	ppb
Iron	56-2	2127.19	2083.15	2055.44	2088.59	1.73	ppb
Iron	57-2	2096.43	2086.79	2051.29	2078.17	1.14	ppb
Krypton	83-1						cps
Lead	206-1	185.92	193.32	196.39	191.88	2.81	ppb
Lead	207-1	168.92	182.27	183.07	178.09	4.47	ppb
Lead	208-1	181.57	190.37	192.99	188.31	3.18	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:31:48	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	1259.14	1253.69	1232.32	1248.38	1.14	ppb
Manganese	55-2	104.14	102.55	102.44	103.04	0.92	ppb
Molybdenum	94-1	2447.64	2516.65	2520.19	2494.83	1.64	ppb
Molybdenum	95-1	2476.04	2504.54	2491.24	2490.61	0.57	ppb
Molybdenum	96-1	2439.25	2502.36	2495.96	2479.19	1.40	ppb
Molybdenum	97-1	2440.51	2518.22	2476.64	2478.46	1.57	ppb
Molybdenum	98-1	2430.89	2508.55	2511.85	2483.76	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.02	104.46	104.45	105.31	1.41	ppb
Phosphorus	31-2	8.28	12.58	-39.52	-6.22		ppb
Potassium	39-2	2062.82	2028.19	1988.27	2026.43	1.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	202.82	207.32	207.76	205.97	1.33	ppb
Selenium	77-2	200.92	213.22	209.08	207.74	3.01	ppb
Selenium	78-2	199.67	200.72	203.38	201.26	0.95	ppb
Silicon	28-1	391.63	405.71	419.98	405.78	3.49	ppb
Silver	109-1	49.27	50.62	50.49	50.13	1.49	ppb
Silver	107-1	49.60	50.44	50.29	50.11	0.90	ppb
Sodium	23-2	2165.79	2078.04	2083.29	2109.04	2.33	ppb
Strontium	86-1	497.84	501.98	515.76	505.19	1.86	ppb
Strontium	88-1	499.74	520.36	524.62	514.91	2.58	ppb
Sulfur	34-1	-7587.93	-7724.42	-7256.56	-7522.97		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	192.69	196.84	202.90	197.48	2.60	ppb
Thallium	205-1	196.64	203.59	202.51	200.91	1.86	ppb
Tin	118-1	490.24	498.50	502.15	496.96	1.23	ppb
Titanium	47-1	2510.63	2479.83	2516.21	2502.22	0.78	ppb
Uranium	238-1	498.02	498.87	514.48	503.79	1.84	ppb
Vanadium	51-2	100.73	98.99	98.85	99.52	1.05	ppb
Yttrium	89-1				104		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:31:48	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	207.73	204.76	200.27	204.25	1.84	ppb
Zirconium	90-1	491.32	501.99	499.28	497.53	1.11	ppb
Zirconium	91-1	492.21	508.45	504.74	501.80	1.70	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:45:45	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.95	21.85	19.26	20.35	6.59	ppb
Antimony	121-1	2.11	1.99	1.93	2.01	4.60	ppb
Arsenic	75-2	0.80	1.06	1.15	1.00	18.10	ppb
Barium	135-1	11.20	10.65	10.40	10.75	3.79	ppb
Barium	137-1	10.18	9.65	9.79	9.88	2.75	ppb
Beryllium	9-1	1.11	1.07	1.02	1.07	4.51	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	36.05	36.31	38.70	37.02	3.93	ppb
Boron	11-1	36.25	36.12	37.34	36.57	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.30	1.10	1.16	1.19	8.91	ppb
Cadmium	106-1	1.50	0.74	1.43	1.22	34.18	ppb
Cadmium	108-1	0.62	0.97	0.48	0.69	36.66	ppb
Calcium	43-1	521.68	520.18	494.53	512.13	2.98	ppb
Calcium	44-1	559.95	534.82	498.65	531.14	5.80	ppb
Chromium	52-2	1.88	1.82	1.88	1.86	1.81	ppb
Cobalt	59-2	0.93	0.95	1.01	0.97	4.21	ppb
Copper	63-2	2.04	2.11	2.21	2.12	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	54-2	60.08	51.78	56.51	56.12	7.42	ppb
Iron	56-2	50.87	51.65	48.81	50.44	2.91	ppb
Iron	57-2	51.90	46.68	58.53	52.37	11.34	ppb
Krypton	83-1						cps
Lead	206-1	1.19	0.98	0.94	1.03	13.06	ppb
Lead	207-1	1.10	0.99	0.89	0.99	10.66	ppb
Lead	208-1	1.20	1.01	0.96	1.05	12.06	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:45:45	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	484.69	506.77	500.28	497.25	2.28	ppb
Manganese	55-2	0.93	0.86	0.88	0.89	4.14	ppb
Molybdenum	94-1	5.70	5.55	5.09	5.45	5.75	ppb
Molybdenum	95-1	5.32	5.42	4.86	5.20	5.75	ppb
Molybdenum	96-1	5.37	5.23	4.94	5.18	4.20	ppb
Molybdenum	97-1	5.67	5.24	4.74	5.22	8.99	ppb
Molybdenum	98-1	6.06	5.81	4.93	5.60	10.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.93	0.95	0.96	2.78	ppb
Phosphorus	31-2	24.76	-42.27	-42.94	-20.15		ppb
Potassium	39-2	488.33	550.78	523.39	520.83	6.01	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	82-1	5.57	5.93	5.10	5.53	7.53	ppb
Selenium	77-2	10.11	2.56	12.71	8.46	62.32	ppb
Selenium	78-2	0.55	6.40	4.68	3.87	77.65	ppb
Silicon	28-1	75.22	34.00	-7.98	33.75	123.27	ppb
Silver	109-1	0.94	0.94	0.91	0.93	1.55	ppb
Silver	107-1	1.05	1.05	1.02	1.04	1.77	ppb
Sodium	23-2	513.47	511.23	516.08	513.59	0.47	ppb
Strontium	86-1	1.55	1.06	1.06	1.22	23.16	ppb
Strontium	88-1	1.07	1.02	0.94	1.01	6.36	ppb
Sulfur	34-1	2841.43	-868.24	-3605.65	-544.15		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	1.11	0.99	0.97	1.02	7.56	ppb
Thallium	205-1	1.11	1.00	0.95	1.02	7.98	ppb
Tin	118-1	5.24	5.16	4.99	5.13	2.49	ppb
Titanium	47-1	5.79	5.30	5.40	5.49	4.74	ppb
Uranium	238-1	0.98	0.96	1.00	0.98	2.11	ppb
Vanadium	51-2	5.00	4.76	4.98	4.92	2.73	ppb
Yttrium	89-1				94		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:45:45	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1.74	2.22	2.00	1.99	12.06	ppb
Zirconium	90-1	1.14	0.94	0.96	1.01	10.54	ppb
Zirconium	91-1	1.03	0.92	0.93	0.96	6.63	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 15:48:38 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.72	2.82	0.79	2.11	54.39	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	99.41	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.01	-0.02	0.01	0.00	780.14	ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	19.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	14.01	13.07	12.39	13.15	6.19	ppb
Boron	11-1	13.31	12.33	12.19	12.61	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	0.02	-0.08	-0.09		ppb
Cadmium	106-1	-2.79	0.24	-1.05	-1.20		ppb
Cadmium	108-1	-0.56	-0.40	-0.48	-0.48		ppb
Calcium	43-1	0.85	-1.33	0.14	-0.11		ppb
Calcium	44-1	-8.53	-1.94	-4.20	-4.89		ppb
Chromium	52-2	-0.05	0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	644.63	ppb
Copper	63-2	0.28	0.30	0.24	0.27	10.62	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				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	1.99	1.00	-0.08	0.97	106.39	ppb
Iron	56-2	0.76	0.35	0.60	0.57	36.00	ppb
Iron	57-2	-1.99	-2.34	-0.22	-1.52		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.14	0.03	0.08	68.17	ppb
Lead	207-1	0.01	0.07	0.04	0.04	67.21	ppb
Lead	208-1	0.05	0.10	0.04	0.06	54.03	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 15:48:38 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	0.52	-0.64	1.77	0.55	218.24	ppb
Manganese	55-2	0.05	0.06	0.02	0.05	40.91	ppb
Molybdenum	94-1	0.01	0.04	0.05	0.03	65.68	ppb
Molybdenum	95-1	0.00	-0.03	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.02	0.00	373.35	ppb
Molybdenum	97-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	98-1	0.00	0.00	-0.02	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.06	0.01	-0.01		ppb
Phosphorus	31-2	-12.13	73.74	13.48	25.03	176.10	ppb
Potassium	39-2	-4.09	8.28	-5.59	-0.47		ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.81	-3.27	-1.44	-1.84		ppb
Selenium	77-2	0.00	2.42	0.00	0.81	173.21	ppb
Selenium	78-2	-3.57	-3.13	-0.20	-2.30		ppb
Silicon	28-1	-95.92	-63.94	-83.36	-81.08		ppb
Silver	109-1	0.01	0.00	0.00	0.00	835.93	ppb
Silver	107-1	0.01	0.01	0.00	0.01	149.07	ppb
Sodium	23-2	-0.91	-0.41	1.17	-0.05		ppb
Strontium	86-1	0.21	-0.10	-0.11	0.00	6041.77	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-9499.72	-6391.62	-8575.22	-8155.52		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.06	0.03	0.07	0.05	40.94	ppb
Titanium	47-1	-0.16	0.28	-0.05	0.02	1084.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	137.12	ppb
Yttrium	89-1				106		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:48:38	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.42	0.47	0.37	0.42	12.19	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	-0.05	-0.03	0.02	-0.02		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:51:29	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96632.16	95400.44	97207.12	96413.24	0.96	ppb
Antimony	121-1	1.12	1.17	1.04	1.11	5.93	ppb
Arsenic	75-2	0.31	0.18	0.31	0.27	28.01	ppb
Barium	135-1	1.33	1.39	1.17	1.30	8.86	ppb
Barium	137-1	1.32	1.53	1.55	1.47	8.46	ppb
Beryllium	9-1	0.27	0.29	0.32	0.30	8.44	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	11.51	11.09	9.81	10.80	8.20	ppb
Boron	11-1	11.52	10.81	10.15	10.83	6.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.38	0.16	0.25	47.26	ppb
Cadmium	106-1	-0.60	-0.38	-1.45	-0.81		ppb
Cadmium	108-1	9.66	9.21	10.60	9.82	7.22	ppb
Calcium	43-1	95208.58	97076.83	96601.01	96295.47	1.01	ppb
Calcium	44-1	95347.76	97799.50	96385.63	96510.96	1.28	ppb
Chromium	52-2	19.39	19.07	19.51	19.32	1.18	ppb
Cobalt	59-2	1.17	1.14	1.14	1.15	1.30	ppb
Copper	63-2	8.57	8.12	8.62	8.43	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	54-2	102509.49	99926.66	101710.26	101382.13	1.30	ppb
Iron	56-2	100879.90	99097.07	100414.72	100130.56	0.92	ppb
Iron	57-2	102157.43	99927.92	102350.98	101478.78	1.33	ppb
Krypton	83-1						cps
Lead	206-1	4.33	4.56	4.88	4.59	5.93	ppb
Lead	207-1	3.85	4.01	3.95	3.94	1.98	ppb
Lead	208-1	4.15	4.25	4.45	4.29	3.56	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:51:29	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	94841.88	95925.80	95783.79	95517.16	0.62	ppb
Manganese	55-2	7.10	7.44	7.37	7.30	2.44	ppb
Molybdenum	94-1	1331.61	1356.03	1327.63	1338.42	1.15	ppb
Molybdenum	95-1	1884.90	1974.69	1915.86	1925.15	2.37	ppb
Molybdenum	96-1	1837.75	1894.71	1839.89	1857.45	1.74	ppb
Molybdenum	97-1	1896.68	1969.07	1921.96	1929.24	1.90	ppb
Molybdenum	98-1	1886.05	1972.43	1922.25	1926.91	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.24	5.11	5.22	1.98	ppb
Phosphorus	31-2	94802.43	96286.94	95238.22	95442.53	0.80	ppb
Potassium	39-2	99421.49	98109.20	98945.93	98825.54	0.67	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	-2.92	0.37	0.56	-0.66		ppb
Selenium	77-2	2.30	0.00	4.65	2.31	100.37	ppb
Selenium	78-2	-3.27	-2.98	-2.79	-3.01		ppb
Silicon	28-1	-112.28	-107.20	-86.52	-102.00		ppb
Silver	109-1	0.01	0.01	0.02	0.01	51.99	ppb
Silver	107-1	0.01	0.01	0.02	0.01	33.52	ppb
Sodium	23-2	98962.10	99885.16	100935.78	99927.68	0.99	ppb
Strontium	86-1	31.05	33.61	32.72	32.46	4.00	ppb
Strontium	88-1	33.58	34.34	33.53	33.82	1.35	ppb
Sulfur	34-1	92726.85	91303.16	90936.05	91655.36	1.03	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.05	0.01	0.04	57.80	ppb
Thallium	205-1	0.05	0.03	0.06	0.05	33.66	ppb
Tin	118-1	0.31	0.30	0.31	0.31	1.86	ppb
Titanium	47-1	1917.56	1943.85	1965.34	1942.25	1.23	ppb
Uranium	238-1	0.02	0.01	0.04	0.02	72.07	ppb
Vanadium	51-2	0.10	0.11	0.13	0.11	15.24	ppb
Yttrium	89-1				115		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:51:29	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	12.07	11.47	11.83	11.79	2.57	ppb
Zirconium	90-1	0.02	0.01	0.05	0.03	77.88	ppb
Zirconium	91-1	-0.01	-0.03	0.08	0.01	579.08	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:54:19	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92767.37	95911.45	102667.96	97115.59	5.21	ppb
Antimony	121-1	19.53	20.92	21.18	20.54	4.33	ppb
Arsenic	75-2	19.77	19.15	21.86	20.26	7.00	ppb
Barium	135-1	19.97	21.47	21.54	21.00	4.21	ppb
Barium	137-1	19.98	22.53	21.99	21.50	6.26	ppb
Beryllium	9-1	19.46	19.94	20.06	19.82	1.62	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	57.12	65.00	62.09	61.41	6.49	ppb
Boron	11-1	56.53	61.63	65.62	61.26	7.44	ppb
Bromine	81-1						cps
Cadmium	111-1	18.90	20.16	20.09	19.72	3.59	ppb
Cadmium	106-1	22.58	23.10	23.99	23.22	3.08	ppb
Cadmium	108-1	28.49	30.74	30.33	29.85	4.01	ppb
Calcium	43-1	91834.26	94942.66	96229.91	94335.61	2.40	ppb
Calcium	44-1	91788.38	95479.12	96349.29	94538.93	2.56	ppb
Chromium	52-2	38.52	40.11	42.28	40.31	4.69	ppb
Cobalt	59-2	20.63	21.35	22.21	21.40	3.69	ppb
Copper	63-2	28.69	28.47	31.11	29.43	4.98	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				115		%
Holmium	165-2				107		%
Indium	115-1				116		%
Indium	115-2				107		%
Iron	54-2	100064.95	99709.76	108173.83	102649.51	4.66	ppb
Iron	56-2	99593.38	101144.77	107953.04	102897.06	4.32	ppb
Iron	57-2	101384.33	100644.72	107893.96	103307.67	3.86	ppb
Krypton	83-1						cps
Lead	206-1	22.50	23.94	22.76	23.07	3.32	ppb
Lead	207-1	20.59	21.86	21.93	21.46	3.50	ppb
Lead	208-1	21.59	22.86	22.36	22.27	2.88	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:54:19	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	94067.00	95247.62	102647.91	97320.84	4.78	ppb
Manganese	55-2	26.09	26.54	28.80	27.14	5.36	ppb
Molybdenum	94-1	1363.06	1483.19	1442.81	1429.69	4.28	ppb
Molybdenum	95-1	1831.40	1978.51	1925.62	1911.84	3.90	ppb
Molybdenum	96-1	1765.94	1893.36	1876.96	1845.42	3.76	ppb
Molybdenum	97-1	1852.89	1957.15	1923.99	1911.34	2.79	ppb
Molybdenum	98-1	1844.43	1935.53	1914.57	1898.18	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.11	24.75	27.12	25.66	4.98	ppb
Phosphorus	31-2	94591.28	95305.21	102134.98	97343.82	4.28	ppb
Potassium	39-2	96655.05	99852.93	106142.07	100883.35	4.78	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	14.46	21.14	18.08	17.89	18.70	ppb
Selenium	77-2	17.93	20.17	27.03	21.71	21.84	ppb
Selenium	78-2	16.89	16.09	21.67	18.21	16.57	ppb
Silicon	28-1	-47.43	-47.10	-35.46	-43.33		ppb
Silver	109-1	17.59	18.83	18.53	18.31	3.52	ppb
Silver	107-1	17.86	19.22	19.28	18.79	4.27	ppb
Sodium	23-2	98493.37	101342.56	109335.71	103057.21	5.45	ppb
Strontium	86-1	81.71	87.82	83.98	84.50	3.65	ppb
Strontium	88-1	84.89	89.10	88.95	87.65	2.72	ppb
Sulfur	34-1	81717.66	87298.78	87769.62	85595.35	3.93	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	17.97	20.13	19.99	19.37	6.24	ppb
Thallium	205-1	19.16	19.72	19.68	19.52	1.61	ppb
Tin	118-1	49.94	54.15	54.12	52.74	4.60	ppb
Titanium	47-1	1898.49	1976.95	2020.83	1965.42	3.15	ppb
Uranium	238-1	51.08	54.10	53.95	53.05	3.21	ppb
Vanadium	51-2	19.23	20.01	21.37	20.20	5.37	ppb
Yttrium	89-1				117		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:54:19	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	32.60	32.42	36.58	33.87	6.95	ppb
Zirconium	90-1	53.11	55.69	55.38	54.73	2.57	ppb
Zirconium	91-1	51.30	54.59	53.87	53.25	3.25	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:09:04	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47632.71	47309.96	47570.00	47504.22	0.36	ppb
Antimony	121-1	480.52	465.17	482.93	476.21	2.02	ppb
Arsenic	75-2	482.89	488.82	486.46	486.06	0.61	ppb
Barium	135-1	2419.27	2333.15	2416.79	2389.74	2.05	ppb
Barium	137-1	2442.07	2375.11	2439.93	2419.03	1.57	ppb
Beryllium	9-1	505.14	501.68	499.34	502.05	0.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	448.23	491.09	513.59	484.30	6.86	ppb
Boron	11-1	456.28	486.81	509.92	484.33	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	471.64	453.45	471.01	465.37	2.22	ppb
Cadmium	106-1	451.49	460.22	478.17	463.30	2.94	ppb
Cadmium	108-1	479.79	453.96	476.50	470.08	2.99	ppb
Calcium	43-1	243560.65	226119.64	241505.27	237061.85	4.02	ppb
Calcium	44-1	244795.94	228263.09	242968.12	238675.72	3.80	ppb
Chromium	52-2	488.47	491.92	494.82	491.74	0.65	ppb
Cobalt	59-2	475.57	477.65	483.33	478.85	0.84	ppb
Copper	63-2	4739.82	4849.39	4766.75	4785.32	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	121799.07	124750.51	123525.20	123358.26	1.20	ppb
Iron	56-2	121266.83	120404.81	121453.21	121041.62	0.46	ppb
Iron	57-2	123356.71	124312.00	121709.57	123126.09	1.07	ppb
Krypton	83-1						cps
Lead	206-1	2411.92	2343.32	2344.56	2366.60	1.66	ppb
Lead	207-1	2388.44	2360.43	2371.99	2373.62	0.59	ppb
Lead	208-1	2431.68	2354.74	2371.71	2386.04	1.69	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:09:04	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	248358.47	248841.68	248830.42	248676.86	0.11	ppb
Manganese	55-2	4810.11	4897.48	4979.72	4895.77	1.73	ppb
Molybdenum	94-1	2454.31	2400.05	2379.18	2411.18	1.61	ppb
Molybdenum	95-1	2440.25	2343.02	2388.08	2390.45	2.04	ppb
Molybdenum	96-1	2462.59	2344.37	2400.40	2402.46	2.46	ppb
Molybdenum	97-1	2410.51	2325.13	2402.25	2379.30	1.98	ppb
Molybdenum	98-1	2391.52	2345.72	2379.50	2372.25	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.34	481.35	483.09	481.59	0.29	ppb
Phosphorus	31-2	9618.21	9728.37	9357.31	9567.96	1.99	ppb
Potassium	39-2	123812.93	123360.12	124588.70	123920.58	0.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	479.79	459.20	469.18	469.39	2.19	ppb
Selenium	77-2	547.63	481.95	531.79	520.46	6.59	ppb
Selenium	78-2	484.74	487.79	488.62	487.05	0.42	ppb
Silicon	28-1	599.76	619.93	749.33	656.34	12.37	ppb
Silver	109-1	473.87	455.80	464.00	464.56	1.95	ppb
Silver	107-1	485.27	460.84	473.77	473.29	2.58	ppb
Sodium	23-2	244559.38	246444.60	247792.12	246265.36	0.66	ppb
Strontium	86-1	486.43	469.87	481.34	479.21	1.77	ppb
Strontium	88-1	496.86	471.49	486.14	484.83	2.63	ppb
Sulfur	34-1	5227.61	40.99	4257.41	3175.34	86.84	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	478.83	458.31	471.65	469.60	2.22	ppb
Thallium	205-1	481.81	455.91	480.05	472.59	3.06	ppb
Tin	118-1	482.55	471.13	488.09	480.59	1.80	ppb
Titanium	47-1	2454.26	2311.47	2465.35	2410.36	3.56	ppb
Uranium	238-1	499.24	481.30	487.41	489.32	1.86	ppb
Vanadium	51-2	486.73	490.67	494.13	490.51	0.76	ppb
Yttrium	89-1				107		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:09:04	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	4758.25	4810.10	4825.10	4797.81	0.73	ppb
Zirconium	90-1	492.61	468.52	481.29	480.81	2.51	ppb
Zirconium	91-1	493.59	466.14	471.84	477.19	3.04	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P8
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:16:39 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.67	3.04	0.94	2.89	64.74	ppb
Antimony	121-1	0.05	0.07	0.05	0.06	18.65	ppb
Arsenic	75-2	0.00	-0.01	-0.03	-0.02		ppb
Barium	135-1	-0.03	0.04	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	-0.03	-0.01		ppb
Beryllium	9-1	0.16	0.21	0.18	0.18	13.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	20.34	21.51	18.60	20.15	7.27	ppb
Boron	11-1	20.38	21.92	18.58	20.29	8.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	0.03	0.09	-0.05		ppb
Cadmium	106-1	-3.74	0.33	1.16	-0.75		ppb
Cadmium	108-1	-0.63	-0.72	-0.55	-0.63		ppb
Calcium	43-1	1.83	6.73	-3.29	1.76	285.45	ppb
Calcium	44-1	7.63	20.43	4.82	10.96	75.91	ppb
Chromium	52-2	0.02	0.07	0.00	0.03	106.96	ppb
Cobalt	59-2	0.00	0.01	0.04	0.02	120.29	ppb
Copper	63-2	0.58	0.52	0.55	0.55	5.24	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				94		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	54-2	4.41	5.51	5.12	5.01	11.11	ppb
Iron	56-2	2.58	2.99	3.35	2.97	12.94	ppb
Iron	57-2	0.09	0.40	4.23	1.57	147.06	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.29	0.17	0.22	26.46	ppb
Lead	207-1	0.18	0.22	0.19	0.20	11.13	ppb
Lead	208-1	0.19	0.25	0.17	0.20	22.35	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:16:39	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	2.75	3.84	3.52	3.37	16.71	ppb
Manganese	55-2	0.23	0.19	0.17	0.20	15.87	ppb
Molybdenum	94-1	0.05	0.09	0.01	0.05	74.26	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	134.22	ppb
Molybdenum	96-1	0.09	0.03	0.07	0.06	53.11	ppb
Molybdenum	97-1	0.01	0.03	-0.04	0.00		ppb
Molybdenum	98-1	0.01	0.05	0.00	0.02	133.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.03	0.00	0.00		ppb
Phosphorus	31-2	-36.27	-50.31	-15.77	-34.12		ppb
Potassium	39-2	40.54	22.41	39.99	34.31	30.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	-1.68	-0.20	-2.47	-1.45		ppb
Selenium	77-2	2.51	2.50	0.00	1.67	86.60	ppb
Selenium	78-2	-1.32	-0.88	-3.17	-1.79		ppb
Silicon	28-1	-0.20	88.21	-7.92	26.70	200.05	ppb
Silver	109-1	0.00	0.01	0.00	0.00	279.22	ppb
Silver	107-1	0.01	0.03	0.02	0.02	58.81	ppb
Sodium	23-2	72.92	63.94	72.82	69.89	7.38	ppb
Strontium	86-1	-0.30	0.50	0.04	0.08	520.73	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-6578.63	692.35	-6930.04	-4272.11		ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.11	0.09	18.48	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	13.24	ppb
Tin	118-1	0.02	0.02	-0.01	0.01	250.77	ppb
Titanium	47-1	0.02	0.09	0.20	0.10	87.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	161.55	ppb
Vanadium	51-2	0.01	0.04	0.00	0.01	124.54	ppb
Yttrium	89-1				97		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:16:39	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.20	0.22	0.13	0.18	26.65	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	147.17	ppb
Zirconium	91-1	-0.01	-0.03	-0.02	-0.02		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:19:43	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.68	21.22	18.69	21.20	11.77	ppb
Antimony	121-1	2.05	1.89	1.89	1.94	4.81	ppb
Arsenic	75-2	1.04	0.86	1.04	0.98	10.50	ppb
Barium	135-1	10.56	8.88	10.13	9.86	8.87	ppb
Barium	137-1	9.89	9.95	9.71	9.85	1.30	ppb
Beryllium	9-1	1.07	1.06	1.09	1.07	1.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	29.16	34.30	36.87	33.44	11.75	ppb
Boron	11-1	30.20	33.90	34.63	32.91	7.21	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.13	1.07	1.11	2.91	ppb
Cadmium	106-1	0.23	0.07	0.28	0.19	55.77	ppb
Cadmium	108-1	0.89	-0.04	0.68	0.51	96.35	ppb
Calcium	43-1	487.34	476.40	491.79	485.18	1.63	ppb
Calcium	44-1	500.15	496.57	515.37	504.03	1.98	ppb
Chromium	52-2	2.13	2.00	2.14	2.09	3.94	ppb
Cobalt	59-2	1.03	0.95	1.04	1.01	5.14	ppb
Copper	63-2	2.54	2.66	2.33	2.51	6.61	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				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	54.42	58.44	56.37	56.41	3.56	ppb
Iron	56-2	54.53	54.44	53.36	54.11	1.20	ppb
Iron	57-2	51.15	56.33	59.89	55.79	7.88	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.18	1.04	1.08	8.17	ppb
Lead	207-1	0.99	1.09	0.87	0.98	10.99	ppb
Lead	208-1	0.99	1.08	0.97	1.01	5.79	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:19:43	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	508.53	510.08	508.78	509.13	0.16	ppb
Manganese	55-2	1.11	1.15	1.16	1.14	2.54	ppb
Molybdenum	94-1	4.71	5.13	5.08	4.97	4.58	ppb
Molybdenum	95-1	5.09	5.22	4.73	5.01	5.03	ppb
Molybdenum	96-1	4.95	5.07	4.68	4.90	3.98	ppb
Molybdenum	97-1	5.17	4.67	4.65	4.83	6.17	ppb
Molybdenum	98-1	4.88	5.28	5.06	5.07	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.92	1.17	0.98	17.74	ppb
Phosphorus	31-2	5.07	-22.89	-29.47	-15.76		ppb
Potassium	39-2	512.69	530.50	513.88	519.02	1.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	3.43	4.85	6.61	4.96	32.14	ppb
Selenium	77-2	4.96	2.48	17.34	8.26	96.36	ppb
Selenium	78-2	2.54	6.57	1.88	3.66	69.31	ppb
Silicon	28-1	2.85	-22.11	-8.39	-9.22		ppb
Silver	109-1	0.97	0.97	0.85	0.93	7.55	ppb
Silver	107-1	0.94	0.96	0.99	0.96	2.87	ppb
Sodium	23-2	569.34	552.92	565.66	562.64	1.53	ppb
Strontium	86-1	0.68	0.84	0.75	0.76	10.21	ppb
Strontium	88-1	0.98	1.02	1.01	1.00	2.18	ppb
Sulfur	34-1	-7195.15	-8129.22	-6372.64	-7232.34		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.94	1.09	1.02	1.02	7.43	ppb
Thallium	205-1	0.99	0.97	1.08	1.02	5.54	ppb
Tin	118-1	4.81	4.79	4.78	4.79	0.35	ppb
Titanium	47-1	4.76	4.46	5.39	4.87	9.76	ppb
Uranium	238-1	0.88	0.97	0.94	0.93	5.18	ppb
Vanadium	51-2	4.90	4.99	4.81	4.90	1.83	ppb
Yttrium	89-1				101		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:19:43	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	1.98	1.82	2.58	2.13	19.00	ppb
Zirconium	90-1	0.92	1.02	1.01	0.98	5.60	ppb
Zirconium	91-1	0.95	0.85	0.92	0.91	5.69	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:37:25 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.36	8.68	5.80	7.61	20.78	ppb
Antimony	121-1	0.22	0.25	0.22	0.23	8.70	ppb
Arsenic	75-2	0.28	0.15	0.22	0.22	29.81	ppb
Barium	135-1	0.97	1.23	1.53	1.24	22.66	ppb
Barium	137-1	1.21	1.22	1.13	1.19	4.24	ppb
Beryllium	9-1	0.30	0.25	0.24	0.26	13.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	5.88	4.88	5.96	5.57	10.82	ppb
Boron	11-1	5.67	5.32	5.60	5.53	3.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.09	0.03	0.06	47.47	ppb
Cadmium	106-1	-3.32	-2.50	-2.47	-2.76		ppb
Cadmium	108-1	0.02	-0.23	-0.29	-0.17		ppb
Calcium	43-1	23.99	27.70	27.82	26.50	8.22	ppb
Calcium	44-1	27.83	25.96	30.02	27.93	7.27	ppb
Chromium	52-2	0.35	0.21	0.40	0.32	29.71	ppb
Cobalt	59-2	0.32	0.18	0.27	0.25	28.78	ppb
Copper	63-2	0.57	0.59	0.64	0.60	5.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	17.45	16.95	16.97	17.12	1.65	ppb
Iron	56-2	15.14	13.97	14.58	14.56	4.01	ppb
Iron	57-2	15.40	11.16	12.94	13.17	16.14	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.28	0.34	0.30	14.06	ppb
Lead	207-1	0.30	0.30	0.34	0.31	7.57	ppb
Lead	208-1	0.31	0.31	0.34	0.32	4.92	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:37:25 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	24.66	27.16	24.49	25.44	5.86	ppb
Manganese	55-2	0.41	0.65	0.36	0.48	32.54	ppb
Molybdenum	94-1	0.99	1.11	1.03	1.04	5.89	ppb
Molybdenum	95-1	1.14	1.11	0.97	1.08	8.25	ppb
Molybdenum	96-1	1.07	0.91	1.02	1.00	7.73	ppb
Molybdenum	97-1	0.87	1.01	1.12	1.00	12.74	ppb
Molybdenum	98-1	1.00	1.04	1.10	1.05	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.13	0.28	0.22	35.73	ppb
Phosphorus	31-2	-23.05	50.49	25.39	17.61	212.27	ppb
Potassium	39-2	10.99	-0.04	23.36	11.44	102.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.61	4.30	5.92	3.61	75.44	ppb
Selenium	77-2	2.52	2.49	15.13	6.71	108.53	ppb
Selenium	78-2	4.80	3.96	6.13	4.97	22.01	ppb
Silicon	28-1	-45.08	-59.72	-17.01	-40.60		ppb
Silver	109-1	0.17	0.18	0.18	0.18	5.20	ppb
Silver	107-1	0.22	0.22	0.19	0.21	9.12	ppb
Sodium	23-2	61.81	63.30	56.11	60.41	6.28	ppb
Strontium	86-1	0.18	0.40	0.50	0.36	45.43	ppb
Strontium	88-1	0.24	0.29	0.28	0.27	8.63	ppb
Sulfur	34-1	-8645.71	-8918.84	-8087.69	-8550.75		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.18	0.20	0.20	9.21	ppb
Thallium	205-1	0.24	0.25	0.27	0.25	5.13	ppb
Tin	118-1	0.29	0.27	0.23	0.26	12.41	ppb
Titanium	47-1	0.93	0.88	1.33	1.05	23.64	ppb
Uranium	238-1	0.24	0.26	0.25	0.25	4.82	ppb
Vanadium	51-2	0.22	0.18	0.24	0.21	15.07	ppb
Yttrium	89-1				102		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:37:25	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.98	0.49	0.42	0.63	48.34	ppb
Zirconium	90-1	0.25	0.26	0.22	0.24	8.62	ppb
Zirconium	91-1	0.16	0.25	0.22	0.21	22.14	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:40:16 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.49	19.13	19.19	18.60	5.18	ppb
Antimony	121-1	0.75	0.77	0.83	0.79	5.19	ppb
Arsenic	75-2	0.80	0.87	0.81	0.82	4.63	ppb
Barium	135-1	3.62	3.87	3.63	3.70	3.82	ppb
Barium	137-1	3.44	3.79	3.81	3.68	5.56	ppb
Beryllium	9-1	0.75	0.82	0.86	0.81	6.89	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	4.89	5.17	5.07	5.04	2.84	ppb
Boron	11-1	5.28	5.15	5.25	5.23	1.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.58	0.53	0.60	0.57	6.39	ppb
Cadmium	106-1	-0.76	-2.43	-1.36	-1.51		ppb
Cadmium	108-1	0.20	0.22	0.46	0.29	49.98	ppb
Calcium	43-1	78.08	82.00	77.41	79.17	3.13	ppb
Calcium	44-1	83.55	78.85	82.54	81.65	3.03	ppb
Chromium	52-2	0.84	0.88	0.71	0.81	11.15	ppb
Cobalt	59-2	0.87	0.77	0.85	0.83	6.55	ppb
Copper	63-2	1.66	1.66	1.86	1.73	6.89	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				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	43.25	39.14	43.51	41.97	5.84	ppb
Iron	56-2	43.06	42.43	41.65	42.38	1.67	ppb
Iron	57-2	44.34	39.29	36.12	39.91	10.38	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.75	0.83	0.79	5.39	ppb
Lead	207-1	0.85	0.79	0.74	0.79	6.65	ppb
Lead	208-1	0.82	0.78	0.81	0.80	2.31	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:40:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	89.15	88.93	88.20	88.76	0.56	ppb
Manganese	55-2	1.51	1.58	1.83	1.64	10.23	ppb
Molybdenum	94-1	2.82	3.31	3.66	3.26	12.82	ppb
Molybdenum	95-1	3.20	3.63	3.20	3.34	7.45	ppb
Molybdenum	96-1	3.28	3.21	3.40	3.30	3.05	ppb
Molybdenum	97-1	3.25	3.10	3.33	3.23	3.64	ppb
Molybdenum	98-1	3.18	3.41	3.15	3.25	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.85	0.82	0.80	7.78	ppb
Phosphorus	31-2	-16.08	0.55	-18.22	-11.25		ppb
Potassium	39-2	37.10	41.77	62.05	46.98	28.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	2.02	1.50	-2.43	0.36	671.75	ppb
Selenium	77-2	2.45	9.63	4.88	5.65	64.61	ppb
Selenium	78-2	1.97	-0.17	4.30	2.03	109.82	ppb
Silicon	28-1	-8.47	-9.56	-26.75	-14.93		ppb
Silver	109-1	0.77	0.79	0.81	0.79	2.72	ppb
Silver	107-1	0.80	0.80	0.80	0.80	0.26	ppb
Sodium	23-2	113.02	88.13	104.50	101.88	12.42	ppb
Strontium	86-1	1.14	0.90	0.77	0.94	19.73	ppb
Strontium	88-1	0.83	0.88	0.90	0.87	4.06	ppb
Sulfur	34-1	-6582.50	-7745.66	-7370.92	-7233.02		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.66	0.61	0.66	0.64	4.39	ppb
Thallium	205-1	0.77	0.83	0.79	0.79	3.86	ppb
Tin	118-1	0.71	0.82	0.84	0.79	9.08	ppb
Titanium	47-1	3.23	2.92	3.36	3.17	7.18	ppb
Uranium	238-1	0.74	0.68	0.77	0.73	6.17	ppb
Vanadium	51-2	0.78	0.83	0.74	0.78	6.24	ppb
Yttrium	89-1				102		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:40:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1.79	1.64	1.62	1.68	5.55	ppb
Zirconium	90-1	0.77	0.73	0.79	0.76	4.37	ppb
Zirconium	91-1	0.73	0.77	0.77	0.76	3.21	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:43:09 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.86	11.48	8.60	8.31	39.95	ppb
Antimony	121-1	0.29	0.27	0.23	0.26	11.63	ppb
Arsenic	75-2	0.23	0.44	0.18	0.29	48.48	ppb
Barium	135-1	1.19	1.39	1.08	1.22	12.64	ppb
Barium	137-1	1.18	1.21	1.23	1.21	2.04	ppb
Beryllium	9-1	0.27	0.32	0.31	0.30	8.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	5.22	5.00	4.25	4.82	10.59	ppb
Boron	11-1	4.16	4.06	4.07	4.10	1.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.18	0.13	0.19	31.82	ppb
Cadmium	106-1	-0.29	-0.48	-1.78	-0.85		ppb
Cadmium	108-1	-0.55	-0.47	-0.30	-0.44		ppb
Calcium	43-1	29.83	26.22	27.63	27.89	6.53	ppb
Calcium	44-1	26.69	24.76	25.13	25.52	4.01	ppb
Chromium	52-2	0.26	0.40	0.16	0.27	42.59	ppb
Cobalt	59-2	0.31	0.28	0.25	0.28	10.23	ppb
Copper	63-2	0.63	0.67	0.67	0.66	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	16.88	17.03	17.09	17.00	0.64	ppb
Iron	56-2	14.59	15.66	15.21	15.15	3.56	ppb
Iron	57-2	16.84	8.08	13.66	12.86	34.47	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.36	0.30	0.35	11.92	ppb
Lead	207-1	0.29	0.27	0.42	0.33	24.60	ppb
Lead	208-1	0.29	0.32	0.37	0.33	11.67	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:43:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	29.87	32.67	23.05	28.53	17.34	ppb
Manganese	55-2	0.52	0.47	0.64	0.54	15.71	ppb
Molybdenum	94-1	1.07	1.03	1.07	1.06	2.09	ppb
Molybdenum	95-1	0.92	1.11	0.99	1.01	9.54	ppb
Molybdenum	96-1	1.01	1.01	1.10	1.04	4.78	ppb
Molybdenum	97-1	0.79	1.06	0.84	0.90	16.07	ppb
Molybdenum	98-1	1.05	1.07	1.04	1.05	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.17	0.30	0.25	27.24	ppb
Phosphorus	31-2	-9.71	-82.73	-2.11	-31.52		ppb
Potassium	39-2	-2.21	68.06	16.31	27.39	133.01	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	-0.55	4.26	3.90	2.54	105.67	ppb
Selenium	77-2	4.91	5.33	7.56	5.93	23.98	ppb
Selenium	78-2	1.99	4.67	1.86	2.84	55.79	ppb
Silicon	28-1	-17.96	-51.60	-45.46	-38.34		ppb
Silver	109-1	0.16	0.22	0.19	0.19	17.53	ppb
Silver	107-1	0.22	0.25	0.24	0.24	7.56	ppb
Sodium	23-2	44.89	68.17	48.53	53.86	23.25	ppb
Strontium	86-1	0.22	0.09	0.37	0.23	61.43	ppb
Strontium	88-1	0.26	0.30	0.27	0.28	7.12	ppb
Sulfur	34-1	-7624.24	-9318.23	-9830.37	-8924.28		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.24	0.16	0.22	0.21	18.44	ppb
Thallium	205-1	0.22	0.23	0.25	0.23	7.42	ppb
Tin	118-1	0.23	0.24	0.27	0.24	8.86	ppb
Titanium	47-1	1.41	1.18	1.10	1.23	13.10	ppb
Uranium	238-1	0.24	0.25	0.22	0.24	5.92	ppb
Vanadium	51-2	0.29	0.31	0.24	0.28	12.28	ppb
Yttrium	89-1				103		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:43:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.68	0.70	0.77	0.72	6.05	ppb
Zirconium	90-1	0.23	0.22	0.24	0.23	4.73	ppb
Zirconium	91-1	0.23	0.20	0.24	0.22	9.32	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:46:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.55	18.30	18.59	18.48	0.85	ppb
Antimony	121-1	0.82	0.89	0.81	0.84	5.59	ppb
Arsenic	75-2	0.69	0.74	0.91	0.78	15.17	ppb
Barium	135-1	4.54	4.39	3.98	4.30	6.79	ppb
Barium	137-1	4.02	4.60	3.98	4.20	8.23	ppb
Beryllium	9-1	0.79	0.79	0.92	0.83	9.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	4.84	5.12	4.47	4.81	6.73	ppb
Boron	11-1	4.36	4.44	4.42	4.41	1.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.60	0.90	0.65	0.72	22.65	ppb
Cadmium	106-1	-0.39	0.07	-0.21	-0.18		ppb
Cadmium	108-1	0.38	0.79	0.00	0.39	101.70	ppb
Calcium	43-1	76.60	94.85	90.92	87.46	10.98	ppb
Calcium	44-1	80.57	99.82	86.97	89.12	11.00	ppb
Chromium	52-2	0.80	0.83	0.87	0.84	4.14	ppb
Cobalt	59-2	0.91	0.74	0.85	0.83	10.28	ppb
Copper	63-2	1.76	1.59	1.74	1.69	5.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	43.89	51.87	43.35	46.37	10.29	ppb
Iron	56-2	44.11	43.53	43.42	43.69	0.85	ppb
Iron	57-2	45.86	39.85	39.29	41.67	8.74	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.93	0.83	0.86	7.38	ppb
Lead	207-1	0.95	0.98	0.83	0.92	9.00	ppb
Lead	208-1	0.89	0.94	0.84	0.89	5.40	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:46:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	83.51	85.68	80.95	83.38	2.84	ppb
Manganese	55-2	1.55	1.57	1.56	1.56	0.52	ppb
Molybdenum	94-1	3.66	3.88	3.56	3.70	4.41	ppb
Molybdenum	95-1	3.12	3.75	3.34	3.40	9.46	ppb
Molybdenum	96-1	3.27	3.67	3.49	3.48	5.71	ppb
Molybdenum	97-1	3.46	3.35	3.17	3.33	4.41	ppb
Molybdenum	98-1	3.59	3.62	3.58	3.60	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.89	0.75	0.86	12.16	ppb
Phosphorus	31-2	27.78	54.86	3.04	28.56	90.74	ppb
Potassium	39-2	28.38	49.72	40.75	39.62	27.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	1.85	2.79	6.08	3.57	62.19	ppb
Selenium	77-2	4.90	2.43	10.07	5.80	67.19	ppb
Selenium	78-2	1.97	1.24	3.65	2.29	53.97	ppb
Silicon	28-1	-32.59	34.81	-35.71	-11.16		ppb
Silver	109-1	0.88	0.78	0.90	0.85	7.46	ppb
Silver	107-1	0.91	0.94	0.88	0.91	3.52	ppb
Sodium	23-2	89.30	93.59	99.21	94.03	5.29	ppb
Strontium	86-1	0.77	1.47	0.78	1.01	39.67	ppb
Strontium	88-1	0.96	0.98	0.95	0.96	1.88	ppb
Sulfur	34-1	-8227.25	-3202.59	-7894.60	-6441.48		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.80	0.88	0.72	0.80	9.97	ppb
Thallium	205-1	0.78	0.91	0.80	0.83	8.48	ppb
Tin	118-1	0.72	0.74	0.63	0.70	7.96	ppb
Titanium	47-1	3.49	4.24	3.51	3.74	11.41	ppb
Uranium	238-1	0.73	0.80	0.82	0.78	5.72	ppb
Vanadium	51-2	0.90	0.75	0.73	0.79	12.11	ppb
Yttrium	89-1				100		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:46:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	1.54	1.96	1.65	1.71	12.61	ppb
Zirconium	90-1	0.80	0.90	0.83	0.84	6.00	ppb
Zirconium	91-1	0.64	0.88	0.77	0.76	16.01	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:51:44 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.97	26.10	23.09	24.05	7.37	ppb
Antimony	121-1	1.01	1.00	1.03	1.01	1.75	ppb
Arsenic	75-2	0.98	1.04	1.14	1.05	7.46	ppb
Barium	135-1	4.97	4.89	5.02	4.96	1.28	ppb
Barium	137-1	4.73	5.03	5.10	4.96	3.94	ppb
Beryllium	9-1	0.97	1.02	0.92	0.97	4.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	4.00	4.48	4.02	4.16	6.54	ppb
Boron	11-1	3.93	3.76	3.52	3.74	5.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	0.77	0.89	0.85	7.97	ppb
Cadmium	106-1	0.16	-1.01	-0.19	-0.35		ppb
Cadmium	108-1	0.85	0.14	0.13	0.37	111.30	ppb
Calcium	43-1	99.35	97.72	95.88	97.65	1.78	ppb
Calcium	44-1	97.14	103.63	103.76	101.51	3.73	ppb
Chromium	52-2	0.98	1.02	1.09	1.03	5.06	ppb
Cobalt	59-2	0.97	1.01	1.03	1.00	3.08	ppb
Copper	63-2	2.20	2.20	2.07	2.16	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	49.40	60.30	51.26	53.65	10.86	ppb
Iron	56-2	52.78	52.10	52.98	52.62	0.88	ppb
Iron	57-2	48.75	51.11	59.63	53.16	10.76	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	1.03	0.98	4.04	ppb
Lead	207-1	0.97	0.96	1.11	1.01	8.71	ppb
Lead	208-1	0.97	0.92	1.03	0.98	5.51	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:51:44	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	105.32	106.81	104.11	105.42	1.28	ppb
Manganese	55-2	1.88	1.95	1.87	1.90	2.38	ppb
Molybdenum	94-1	4.28	4.30	4.53	4.37	3.23	ppb
Molybdenum	95-1	4.30	4.32	3.95	4.19	5.00	ppb
Molybdenum	96-1	4.24	3.99	4.01	4.08	3.45	ppb
Molybdenum	97-1	4.09	4.22	4.67	4.33	7.08	ppb
Molybdenum	98-1	4.05	4.28	4.16	4.16	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.98	0.93	0.97	3.87	ppb
Phosphorus	31-2	1.31	-1.83	46.46	15.31	176.45	ppb
Potassium	39-2	62.79	57.44	49.58	56.60	11.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	4.67	3.92	3.43	4.01	15.56	ppb
Selenium	77-2	4.88	5.05	2.53	4.15	33.98	ppb
Selenium	78-2	1.70	2.55	1.90	2.05	21.54	ppb
Silicon	28-1	-25.73	-9.33	-3.62	-12.89		ppb
Silver	109-1	0.75	0.82	0.80	0.79	4.89	ppb
Silver	107-1	0.79	0.93	0.90	0.87	8.89	ppb
Sodium	23-2	120.36	117.18	126.42	121.32	3.87	ppb
Strontium	86-1	0.59	1.18	0.69	0.82	38.58	ppb
Strontium	88-1	1.02	1.08	1.16	1.08	6.45	ppb
Sulfur	34-1	-7163.45	-6027.21	-6853.22	-6681.29		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.99	0.87	0.91	0.93	6.67	ppb
Thallium	205-1	0.97	0.89	1.03	0.96	7.63	ppb
Tin	118-1	1.00	0.97	0.97	0.98	1.92	ppb
Titanium	47-1	4.62	4.05	3.95	4.21	8.61	ppb
Uranium	238-1	0.89	0.88	0.87	0.88	1.55	ppb
Vanadium	51-2	0.94	1.01	0.96	0.97	3.67	ppb
Yttrium	89-1				100		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:51:44	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	2.09	2.00	1.96	2.02	3.18	ppb
Zirconium	90-1	0.97	0.93	1.02	0.97	4.84	ppb
Zirconium	91-1	0.92	0.90	0.91	0.91	1.40	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:58:28 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.54	5.95	8.11	7.20	15.56	ppb
Antimony	121-1	0.25	0.26	0.30	0.27	10.06	ppb
Arsenic	75-2	0.20	0.25	0.22	0.22	11.07	ppb
Barium	135-1	1.16	1.17	1.26	1.20	4.30	ppb
Barium	137-1	1.24	1.37	1.18	1.26	7.80	ppb
Beryllium	9-1	0.35	0.26	0.32	0.31	14.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	2.62	3.33	2.35	2.77	18.30	ppb
Boron	11-1	2.44	2.31	2.56	2.44	5.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.10	0.10	0.13	38.58	ppb
Cadmium	106-1	-0.88	-1.32	-0.85	-1.02		ppb
Cadmium	108-1	0.05	-0.21	0.03	-0.04		ppb
Calcium	43-1	22.50	22.75	25.15	23.46	6.24	ppb
Calcium	44-1	25.07	26.06	25.17	25.43	2.14	ppb
Chromium	52-2	0.20	0.34	0.29	0.28	25.99	ppb
Cobalt	59-2	0.29	0.25	0.28	0.27	7.32	ppb
Copper	63-2	0.51	0.60	0.54	0.55	8.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	16.66	14.87	11.11	14.21	19.93	ppb
Iron	56-2	13.70	14.49	13.70	13.96	3.29	ppb
Iron	57-2	10.96	9.41	8.92	9.76	10.92	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.28	0.28	0.29	3.82	ppb
Lead	207-1	0.34	0.31	0.27	0.31	11.43	ppb
Lead	208-1	0.32	0.31	0.30	0.31	3.58	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:58:28 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	25.98	25.12	29.98	27.02	9.60	ppb
Manganese	55-2	0.59	0.49	0.51	0.53	9.81	ppb
Molybdenum	94-1	1.03	1.03	1.19	1.08	8.69	ppb
Molybdenum	95-1	0.98	1.16	1.19	1.11	10.21	ppb
Molybdenum	96-1	0.96	1.04	1.05	1.02	4.60	ppb
Molybdenum	97-1	1.05	1.01	0.95	1.01	4.98	ppb
Molybdenum	98-1	0.96	1.07	1.04	1.03	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.19	0.33	0.23	33.80	ppb
Phosphorus	31-2	38.29	10.81	36.89	28.67	54.00	ppb
Potassium	39-2	12.21	8.27	14.30	11.59	26.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	3.40	0.65	4.73	2.93	71.08	ppb
Selenium	77-2	5.03	7.54	14.89	9.15	55.94	ppb
Selenium	78-2	3.63	5.40	7.41	5.48	34.51	ppb
Silicon	28-1	-24.08	-26.12	-34.30	-28.17		ppb
Silver	109-1	0.23	0.17	0.19	0.20	15.98	ppb
Silver	107-1	0.23	0.19	0.21	0.21	9.56	ppb
Sodium	23-2	42.96	39.33	36.88	39.72	7.70	ppb
Strontium	86-1	0.12	0.50	0.59	0.40	61.59	ppb
Strontium	88-1	0.24	0.26	0.27	0.26	6.17	ppb
Sulfur	34-1	-8119.08	-8125.32	-7703.14	-7982.51		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.19	0.18	0.24	0.20	14.72	ppb
Thallium	205-1	0.21	0.17	0.23	0.21	14.08	ppb
Tin	118-1	0.21	0.26	0.23	0.23	10.82	ppb
Titanium	47-1	1.09	0.90	1.19	1.06	14.21	ppb
Uranium	238-1	0.22	0.24	0.25	0.24	7.60	ppb
Vanadium	51-2	0.21	0.27	0.23	0.24	12.95	ppb
Yttrium	89-1				102		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:58:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.54	0.54	0.85	0.64	27.56	ppb
Zirconium	90-1	0.24	0.23	0.26	0.25	6.56	ppb
Zirconium	91-1	0.21	0.22	0.25	0.23	9.48	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BL	Instrumnet Name :	P8
Client Sample ID :	PB133478BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:01:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.04	2.96	0.27	1.75	77.89	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	73.57	ppb
Arsenic	75-2	-0.01	-0.05	-0.03	-0.03		ppb
Barium	135-1	0.11	-0.01	0.02	0.04	163.00	ppb
Barium	137-1	0.02	-0.01	-0.02	0.00		ppb
Beryllium	9-1	0.06	0.04	0.06	0.05	26.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	2.06	3.24	3.87	3.06	30.16	ppb
Boron	11-1	2.03	2.20	2.53	2.25	11.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.05	-0.04	-0.03		ppb
Cadmium	106-1	0.15	-0.56	-0.68	-0.36		ppb
Cadmium	108-1	-0.31	-0.64	-0.63	-0.52		ppb
Calcium	43-1	6.42	0.13	5.32	3.96	84.96	ppb
Calcium	44-1	2.02	-1.67	9.26	3.20	173.69	ppb
Chromium	52-2	0.01	0.01	-0.03	0.00		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	262.82	ppb
Copper	63-2	0.10	0.07	0.09	0.09	21.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	3.44	2.59	2.31	2.78	21.17	ppb
Iron	56-2	1.16	0.98	0.71	0.95	23.84	ppb
Iron	57-2	-4.74	-2.13	0.45	-2.14		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.15	0.11	38.76	ppb
Lead	207-1	0.06	0.04	0.07	0.06	23.27	ppb
Lead	208-1	0.08	0.06	0.11	0.08	30.62	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BL	Instrumnet Name :	P8
Client Sample ID :	PB133478BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:01:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	1.33	0.09	0.14	0.52	135.16	ppb
Manganese	55-2	0.00	0.02	0.04	0.02	90.05	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	2.44	ppb
Molybdenum	95-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	96-1	0.02	0.00	0.00	0.01	123.18	ppb
Molybdenum	97-1	0.01	-0.03	-0.05	-0.03		ppb
Molybdenum	98-1	0.00	-0.03	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.06	-0.03		ppb
Phosphorus	31-2	-0.13	-28.92	17.93	-3.70		ppb
Potassium	39-2	9.83	1.08	2.57	4.49	104.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.35	-1.88	1.36	-0.05		ppb
Selenium	77-2	2.57	0.00	2.49	1.69	86.63	ppb
Selenium	78-2	-0.86	-2.61	-3.13	-2.20		ppb
Silicon	28-1	-59.25	-32.89	28.66	-21.16		ppb
Silver	109-1	0.00	0.01	-0.01	0.00		ppb
Silver	107-1	0.01	0.01	0.01	0.01	42.08	ppb
Sodium	23-2	25.00	16.85	8.06	16.64	50.91	ppb
Strontium	86-1	0.18	0.08	0.42	0.23	74.93	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-10279.82	-8953.14	-1496.30	-6909.75		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.02		ppb
Thallium	205-1	0.00	0.02	-0.01	0.00	699.93	ppb
Tin	118-1	0.00	0.05	0.05	0.03	95.37	ppb
Titanium	47-1	0.20	0.07	0.02	0.10	95.04	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	1226.82	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	125.20	ppb
Yttrium	89-1				99		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BL	Instrumnet Name :	P8
Client Sample ID :	PB133478BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:01:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.11	-0.19	-0.17	-0.08		ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	217.15	ppb
Zirconium	91-1	-0.04	-0.04	0.01	-0.03		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BL	Instrumnet Name :	P8
Client Sample ID :	PB133476BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:04:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.97	1.62	1.11	1.23	27.90	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	5094.05	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00		ppb
Barium	135-1	0.01	-0.04	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.04	-0.02	-0.03		ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	32.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	2.62	2.75	1.94	2.44	17.77	ppb
Boron	11-1	2.03	2.37	2.24	2.22	7.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.05	-0.28	-0.18		ppb
Cadmium	106-1	-2.66	-0.36	-4.11	-2.38		ppb
Cadmium	108-1	-0.55	-0.38	-0.72	-0.55		ppb
Calcium	43-1	3.27	0.16	0.40	1.28	135.58	ppb
Calcium	44-1	1.64	-0.55	1.55	0.88	140.41	ppb
Chromium	52-2	0.08	0.08	0.10	0.08	13.92	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	52.21	ppb
Copper	63-2	0.15	0.01	0.05	0.07	104.63	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				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	1.42	3.07	1.70	2.06	42.76	ppb
Iron	56-2	0.84	0.96	0.58	0.79	24.48	ppb
Iron	57-2	-2.57	-1.77	0.13	-1.40		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	8.00	ppb
Lead	207-1	0.05	0.08	0.03	0.06	45.58	ppb
Lead	208-1	0.08	0.07	0.05	0.07	20.60	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BL	Instrumnet Name :	P8
Client Sample ID :	PB133476BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:04:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	-0.05	1.73	1.91	1.20	90.58	ppb
Manganese	55-2	-0.01	0.10	-0.03	0.02	405.48	ppb
Molybdenum	94-1	-0.01	0.08	-0.04	0.01	803.01	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	-0.05	-0.05	0.00	-0.04		ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.09	-0.03	-0.09		ppb
Phosphorus	31-2	-29.85	-29.20	-29.02	-29.35		ppb
Potassium	39-2	15.12	14.89	23.28	17.76	26.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.37	2.23	-3.19	-0.19		ppb
Selenium	77-2	5.03	5.01	5.04	5.03	0.38	ppb
Selenium	78-2	-2.41	-2.23	-1.95	-2.20		ppb
Silicon	28-1	-43.52	-34.94	-7.41	-28.62		ppb
Silver	109-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	107-1	0.00	0.00	0.00	0.00	134.66	ppb
Sodium	23-2	10.27	8.56	8.47	9.10	11.13	ppb
Strontium	86-1	0.02	0.32	-0.06	0.09	214.47	ppb
Strontium	88-1	0.00	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-6284.12	-6657.48	-5508.72	-6150.11		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.01	0.00	0.02	0.00	389.76	ppb
Titanium	47-1	-0.10	-0.02	0.14	0.01	1867.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	79.82	ppb
Yttrium	89-1				100		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BL	Instrumnet Name :	P8
Client Sample ID :	PB133476BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:04:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.02	0.20	0.07	167.08	ppb
Zirconium	90-1	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.01	-0.05	-0.03		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BS	Instrumnet Name :	P8
Client Sample ID :	PB133478BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:07:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10203.78	10220.63	10096.30	10173.57	0.66	ppb
Antimony	121-1	471.97	495.33	491.83	486.38	2.59	ppb
Arsenic	75-2	489.48	493.84	486.92	490.08	0.71	ppb
Barium	135-1	2370.57	2469.63	2459.33	2433.18	2.24	ppb
Barium	137-1	2390.64	2487.21	2542.53	2473.46	3.11	ppb
Beryllium	9-1	481.90	486.01	497.11	488.34	1.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	366.58	427.23	463.43	419.08	11.68	ppb
Boron	11-1	361.04	425.75	467.04	417.94	12.78	ppb
Bromine	81-1						cps
Cadmium	111-1	471.81	486.80	489.71	482.78	1.99	ppb
Cadmium	106-1	461.73	487.74	455.18	468.22	3.68	ppb
Cadmium	108-1	468.15	488.71	484.82	480.56	2.27	ppb
Calcium	43-1	47505.01	49870.74	50307.33	49227.69	3.06	ppb
Calcium	44-1	47324.51	49446.90	49602.07	48791.16	2.61	ppb
Chromium	52-2	496.61	494.09	499.25	496.65	0.52	ppb
Cobalt	59-2	493.23	496.79	493.05	494.35	0.43	ppb
Copper	63-2	4943.15	5023.41	4948.09	4971.55	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	26323.75	26382.43	26079.77	26261.98	0.61	ppb
Iron	56-2	25603.63	25745.64	25969.19	25772.82	0.72	ppb
Iron	57-2	25473.45	25609.23	25478.94	25520.54	0.30	ppb
Krypton	83-1						cps
Lead	206-1	2352.22	2491.10	2523.72	2455.68	3.71	ppb
Lead	207-1	2322.28	2464.12	2491.22	2425.87	3.74	ppb
Lead	208-1	2332.74	2482.27	2515.14	2443.38	3.98	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BS	Instrumnet Name :	P8
Client Sample ID :	PB133478BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:07:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	51566.94	51009.36	51113.22	51229.84	0.58	ppb
Manganese	55-2	4984.36	5069.80	5014.39	5022.85	0.86	ppb
Molybdenum	94-1	2418.56	2555.65	2493.46	2489.22	2.76	ppb
Molybdenum	95-1	2422.38	2555.61	2480.24	2486.08	2.69	ppb
Molybdenum	96-1	2405.95	2564.32	2499.41	2489.89	3.20	ppb
Molybdenum	97-1	2421.05	2566.51	2539.63	2509.07	3.08	ppb
Molybdenum	98-1	2423.51	2555.80	2509.35	2496.22	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.45	498.85	492.44	495.91	0.65	ppb
Phosphorus	31-2	9542.76	10190.97	9605.06	9779.60	3.66	ppb
Potassium	39-2	26003.56	26096.65	26078.23	26059.48	0.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	474.61	503.60	500.68	492.96	3.24	ppb
Selenium	77-2	529.76	472.43	504.47	502.22	5.72	ppb
Selenium	78-2	480.84	519.52	493.22	497.86	3.97	ppb
Silicon	28-1	614.68	767.20	806.30	729.39	13.88	ppb
Silver	109-1	477.79	488.48	486.90	484.39	1.19	ppb
Silver	107-1	477.10	507.71	486.26	490.36	3.20	ppb
Sodium	23-2	51414.28	52285.69	51747.94	51815.97	0.85	ppb
Strontium	86-1	473.70	501.77	491.87	489.11	2.91	ppb
Strontium	88-1	473.84	504.11	498.56	492.17	3.27	ppb
Sulfur	34-1	6736.19	8540.71	7243.69	7506.86	12.40	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	449.03	483.81	491.39	474.74	4.76	ppb
Thallium	205-1	462.73	494.13	504.75	487.20	4.48	ppb
Tin	118-1	475.72	502.80	493.65	490.72	2.81	ppb
Titanium	47-1	2376.32	2498.61	2485.45	2453.46	2.74	ppb
Uranium	238-1	467.31	493.29	496.43	485.68	3.29	ppb
Vanadium	51-2	494.43	495.01	492.51	493.98	0.27	ppb
Yttrium	89-1				102		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BS	Instrumnet Name :	P8
Client Sample ID :	PB133478BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:07:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4970.52	5000.15	4926.72	4965.80	0.74	ppb
Zirconium	90-1	472.91	510.73	497.20	493.61	3.88	ppb
Zirconium	91-1	466.91	502.26	496.48	488.55	3.88	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:09:55	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48527.25	47952.97	47864.58	48114.93	0.75	ppb
Antimony	121-1	513.04	487.79	497.45	499.43	2.55	ppb
Arsenic	75-2	484.48	484.78	485.17	484.81	0.07	ppb
Barium	135-1	2610.10	2440.12	2517.09	2522.44	3.37	ppb
Barium	137-1	2565.26	2476.50	2479.89	2507.22	2.01	ppb
Beryllium	9-1	541.55	524.31	525.29	530.38	1.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	510.11	516.74	550.09	525.65	4.08	ppb
Boron	11-1	514.29	528.65	551.63	531.52	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	507.81	482.81	478.88	489.83	3.20	ppb
Cadmium	106-1	499.86	461.83	485.41	482.37	3.98	ppb
Cadmium	108-1	487.97	483.46	479.24	483.56	0.90	ppb
Calcium	43-1	263598.06	239654.29	237066.93	246773.09	5.93	ppb
Calcium	44-1	259446.88	241094.46	239834.31	246791.88	4.45	ppb
Chromium	52-2	499.81	488.86	491.59	493.42	1.16	ppb
Cobalt	59-2	491.18	481.71	482.43	485.11	1.09	ppb
Copper	63-2	4791.63	4761.26	4730.54	4761.14	0.64	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				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	124254.22	125049.85	122687.58	123997.22	0.97	ppb
Iron	56-2	121701.37	121856.49	122439.02	121998.96	0.32	ppb
Iron	57-2	125316.59	122889.87	122226.68	123477.71	1.32	ppb
Krypton	83-1						cps
Lead	206-1	2573.62	2470.78	2521.84	2522.08	2.04	ppb
Lead	207-1	2598.84	2491.45	2479.45	2523.25	2.61	ppb
Lead	208-1	2584.06	2503.90	2493.72	2527.23	1.96	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:09:55	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	254672.67	248018.26	246247.75	249646.23	1.78	ppb
Manganese	55-2	4876.15	4860.10	4861.55	4865.93	0.18	ppb
Molybdenum	94-1	2687.10	2477.29	2502.32	2555.57	4.48	ppb
Molybdenum	95-1	2654.27	2557.19	2492.55	2568.01	3.17	ppb
Molybdenum	96-1	2621.08	2486.67	2496.08	2534.61	2.96	ppb
Molybdenum	97-1	2655.44	2533.56	2461.18	2550.06	3.85	ppb
Molybdenum	98-1	2658.77	2513.37	2516.10	2562.75	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.38	483.48	486.76	485.21	0.34	ppb
Phosphorus	31-2	9822.02	9699.91	9537.97	9686.63	1.47	ppb
Potassium	39-2	125640.46	122676.03	123594.22	123970.24	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	518.90	497.20	488.09	501.40	3.16	ppb
Selenium	77-2	464.72	500.78	467.53	477.68	4.20	ppb
Selenium	78-2	488.98	473.03	491.29	484.43	2.05	ppb
Silicon	28-1	698.31	681.68	679.48	686.49	1.50	ppb
Silver	109-1	505.18	482.02	487.52	491.57	2.46	ppb
Silver	107-1	504.45	480.40	477.90	487.58	3.01	ppb
Sodium	23-2	253111.28	246928.04	247210.80	249083.37	1.40	ppb
Strontium	86-1	522.85	495.84	494.33	504.34	3.18	ppb
Strontium	88-1	529.57	501.09	498.40	509.69	3.39	ppb
Sulfur	34-1	10965.50	5269.47	2295.65	6176.88	71.32	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	519.81	483.56	482.56	495.31	4.29	ppb
Thallium	205-1	519.13	500.05	505.43	508.20	1.94	ppb
Tin	118-1	517.36	494.56	500.19	504.04	2.36	ppb
Titanium	47-1	2614.67	2444.14	2394.81	2484.54	4.64	ppb
Uranium	238-1	529.50	507.24	499.43	512.05	3.05	ppb
Vanadium	51-2	491.95	494.13	492.57	492.88	0.23	ppb
Yttrium	89-1				101		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:09:55	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	4833.21	4804.76	4778.20	4805.39	0.57	ppb
Zirconium	90-1	524.97	495.11	491.11	503.73	3.67	ppb
Zirconium	91-1	526.43	498.93	498.98	508.11	3.12	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 17:21:31 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.74	1.90	1.35	0.83	167.09	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	25.73	ppb
Arsenic	75-2	0.02	-0.04	0.00	-0.01		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	329.53	ppb
Barium	137-1	-0.01	-0.04	0.00	-0.02		ppb
Beryllium	9-1	0.10	0.10	0.14	0.11	22.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	13.09	12.12	11.83	12.34	5.34	ppb
Boron	11-1	12.02	11.56	12.03	11.87	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.30	-0.21	-0.05	-0.19		ppb
Cadmium	106-1	-4.16	-2.92	-0.69	-2.59		ppb
Cadmium	108-1	-0.55	-0.64	-0.38	-0.52		ppb
Calcium	43-1	-2.22	2.40	-2.92	-0.91		ppb
Calcium	44-1	2.83	0.02	2.56	1.80	85.98	ppb
Chromium	52-2	0.02	0.08	0.23	0.11	98.67	ppb
Cobalt	59-2	-0.01	0.02	0.01	0.01	156.64	ppb
Copper	63-2	0.26	0.37	0.36	0.33	17.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	3.94	3.03	4.55	3.84	19.99	ppb
Iron	56-2	1.66	1.51	1.49	1.55	6.10	ppb
Iron	57-2	2.76	1.21	-0.97	1.00	186.97	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.19	0.20	2.63	ppb
Lead	207-1	0.18	0.11	0.10	0.13	35.94	ppb
Lead	208-1	0.20	0.16	0.14	0.17	18.78	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:21:31	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	3.87	-0.14	3.83	2.52	91.57	ppb
Manganese	55-2	0.12	0.11	0.06	0.10	29.79	ppb
Molybdenum	94-1	-0.02	0.04	0.04	0.02	154.62	ppb
Molybdenum	95-1	-0.01	-0.01	0.01	-0.01		ppb
Molybdenum	96-1	0.04	-0.01	-0.01	0.00	795.44	ppb
Molybdenum	97-1	0.02	-0.04	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.13	-0.05		ppb
Phosphorus	31-2	4.95	-15.86	-14.89	-8.60		ppb
Potassium	39-2	13.78	8.74	31.12	17.88	65.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-4.40	-0.59	-0.58	-1.86		ppb
Selenium	77-2	0.00	2.53	2.53	1.68	86.60	ppb
Selenium	78-2	-0.70	-3.49	-1.47	-1.89		ppb
Silicon	28-1	-5.68	-12.10	-17.38	-11.72		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	107-1	0.01	0.02	0.00	0.01	91.89	ppb
Sodium	23-2	36.83	39.47	45.15	40.48	10.51	ppb
Strontium	86-1	-0.18	0.27	0.08	0.06	404.97	ppb
Strontium	88-1	0.00	0.00	-0.02	0.00		ppb
Sulfur	34-1	-7663.49	-7595.09	-8945.98	-8068.18		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.04	0.03	7.56	ppb
Thallium	205-1	0.04	0.02	0.05	0.04	42.63	ppb
Tin	118-1	0.00	0.05	0.01	0.02	163.16	ppb
Titanium	47-1	-0.02	-0.14	0.25	0.03	677.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				101		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:21:31	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.10	0.05	-0.02	0.05	127.40	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	59.12	ppb
Zirconium	91-1	0.00	-0.03	-0.03	-0.02		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BL	Instrumnet Name :	P8
Client Sample ID :	PB133480BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:24:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	2.44	1.42	1.95	26.05	ppb
Antimony	121-1	0.00	0.03	0.02	0.02	68.71	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.04	0.02	0.00	0.02	93.88	ppb
Barium	137-1	-0.04	0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.12	0.13	0.12	0.12	3.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	10.44	10.98	10.67	10.70	2.53	ppb
Boron	11-1	10.07	10.88	9.69	10.21	5.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.20	-0.15	-0.11		ppb
Cadmium	106-1	0.28	-2.71	-1.89	-1.44		ppb
Cadmium	108-1	-0.37	-0.26	-0.46	-0.36		ppb
Calcium	43-1	1.20	3.47	1.30	1.99	64.55	ppb
Calcium	44-1	12.21	23.69	7.96	14.62	55.64	ppb
Chromium	52-2	0.08	0.12	-0.07	0.04	246.04	ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	36.96	ppb
Copper	63-2	0.34	0.23	0.19	0.26	29.87	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				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	3.55	3.80	0.67	2.68	65.12	ppb
Iron	56-2	1.58	1.43	0.81	1.27	32.14	ppb
Iron	57-2	-1.70	1.52	-4.16	-1.45		ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.24	0.23	4.79	ppb
Lead	207-1	0.11	0.20	0.16	0.16	27.29	ppb
Lead	208-1	0.16	0.21	0.21	0.20	14.19	ppb

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : PB133480BL Instrumnet Name : P8
 Client Sample ID : PB133480BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 17:24:22 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				91		%
Magnesium	24-2	3.28	1.13	1.14	1.85	66.65	ppb
Manganese	55-2	0.14	0.17	0.14	0.15	13.61	ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	22.48	ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	0.00	0.06	0.01	0.02	127.14	ppb
Molybdenum	97-1	-0.05	-0.04	-0.03	-0.04		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.14	-0.07		ppb
Phosphorus	31-2	-21.41	3.76	67.30	16.55	276.26	ppb
Potassium	39-2	21.24	29.38	3.78	18.13	72.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	-1.18	2.53	-1.57	-0.07		ppb
Selenium	77-2	2.54	0.00	5.00	2.51	99.50	ppb
Selenium	78-2	-1.89	-1.89	-0.91	-1.56		ppb
Silicon	28-1	-20.77	45.11	-22.13	0.74	5219.85	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	1061.19	ppb
Silver	107-1	0.00	0.01	0.01	0.01	71.51	ppb
Sodium	23-2	37.53	28.09	15.73	27.12	40.31	ppb
Strontium	86-1	0.15	0.43	-0.02	0.19	122.76	ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-7550.27	-1687.44	-6939.95	-5392.55		ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.03	-0.01	0.01	0.01	156.73	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	18.69	ppb
Tin	118-1	0.01	0.03	0.01	0.01	78.64	ppb
Titanium	47-1	0.06	0.41	0.17	0.22	82.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	123.27	ppb
Yttrium	89-1				98		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BL	Instrumnet Name :	P8
Client Sample ID :	PB133480BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:24:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.19	0.00	0.13	0.11	89.13	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.04	-0.04	-0.03		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BS	Instrumnet Name :	P8
Client Sample ID :	PB133480BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:27:15	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10206.73	10122.94	10108.92	10146.20	0.52	ppb
Antimony	121-1	506.22	502.10	495.92	501.41	1.03	ppb
Arsenic	75-2	487.98	489.55	482.87	486.80	0.72	ppb
Barium	135-1	2540.26	2539.81	2465.90	2515.32	1.70	ppb
Barium	137-1	2560.78	2544.88	2530.36	2545.34	0.60	ppb
Beryllium	9-1	499.85	499.29	493.17	497.44	0.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	377.19	446.80	473.99	432.66	11.54	ppb
Boron	11-1	388.52	449.77	482.18	440.16	10.81	ppb
Bromine	81-1						cps
Cadmium	111-1	503.31	501.84	490.00	498.38	1.46	ppb
Cadmium	106-1	491.90	507.20	485.95	495.02	2.21	ppb
Cadmium	108-1	506.80	494.47	476.65	492.64	3.08	ppb
Calcium	43-1	50488.50	49746.72	49556.42	49930.55	0.99	ppb
Calcium	44-1	50476.97	49774.11	49839.03	50030.04	0.78	ppb
Chromium	52-2	492.67	497.01	491.69	493.79	0.57	ppb
Cobalt	59-2	493.45	491.78	492.80	492.68	0.17	ppb
Copper	63-2	4993.77	4941.45	4948.32	4961.18	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	26262.27	26362.97	26049.01	26224.75	0.61	ppb
Iron	56-2	25825.62	25757.77	25592.14	25725.18	0.47	ppb
Iron	57-2	25417.98	25106.83	25289.52	25271.44	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2473.96	2508.05	2476.96	2486.33	0.76	ppb
Lead	207-1	2495.84	2484.26	2514.04	2498.05	0.60	ppb
Lead	208-1	2493.87	2485.60	2502.20	2493.89	0.33	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BS	Instrumnet Name :	P8
Client Sample ID :	PB133480BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:27:15	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	51645.13	51000.67	51321.94	51322.58	0.63	ppb
Manganese	55-2	4985.01	4966.38	4976.48	4975.96	0.19	ppb
Molybdenum	94-1	2583.63	2502.20	2507.73	2531.19	1.80	ppb
Molybdenum	95-1	2599.68	2461.51	2520.52	2527.24	2.74	ppb
Molybdenum	96-1	2589.27	2484.84	2526.71	2533.61	2.07	ppb
Molybdenum	97-1	2582.09	2515.66	2588.24	2562.00	1.57	ppb
Molybdenum	98-1	2533.33	2517.36	2576.88	2542.52	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.85	497.72	494.54	496.04	0.32	ppb
Phosphorus	31-2	9829.26	9987.40	10012.71	9943.12	1.00	ppb
Potassium	39-2	26239.92	26157.23	26021.08	26139.41	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	508.06	500.92	497.79	502.25	1.05	ppb
Selenium	77-2	511.67	510.41	523.51	515.20	1.40	ppb
Selenium	78-2	492.97	498.12	467.75	486.28	3.34	ppb
Silicon	28-1	692.45	727.46	786.85	735.59	6.49	ppb
Silver	109-1	510.28	499.87	490.66	500.27	1.96	ppb
Silver	107-1	509.41	497.90	498.93	502.08	1.27	ppb
Sodium	23-2	52218.03	51019.78	51113.70	51450.51	1.30	ppb
Strontium	86-1	496.54	493.84	493.18	494.52	0.36	ppb
Strontium	88-1	516.23	497.99	506.62	506.94	1.80	ppb
Sulfur	34-1	9840.01	6154.18	5223.40	7072.53	34.52	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	477.04	480.79	489.36	482.40	1.31	ppb
Thallium	205-1	483.61	486.57	499.98	490.05	1.78	ppb
Tin	118-1	508.84	503.37	496.24	502.82	1.26	ppb
Titanium	47-1	2553.83	2517.51	2464.87	2512.07	1.78	ppb
Uranium	238-1	494.66	493.49	506.09	498.08	1.40	ppb
Vanadium	51-2	494.53	492.76	488.92	492.07	0.58	ppb
Yttrium	89-1				100		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BS	Instrumnet Name :	P8
Client Sample ID :	PB133480BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:27:15	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4960.14	4997.44	4960.55	4972.71	0.43	ppb
Zirconium	90-1	496.97	496.59	497.58	497.05	0.10	ppb
Zirconium	91-1	498.66	484.64	495.55	492.95	1.49	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BS	Instrumnet Name :	P8
Client Sample ID :	PB133476BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:30:03	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10117.46	10145.69	10210.04	10157.73	0.47	ppb
Antimony	121-1	485.97	482.51	553.51	507.33	7.89	ppb
Arsenic	75-2	488.05	484.41	479.53	484.00	0.88	ppb
Barium	135-1	2442.54	2451.72	2744.50	2546.26	6.75	ppb
Barium	137-1	2458.90	2446.73	2786.93	2564.19	7.53	ppb
Beryllium	9-1	483.99	474.14	560.05	506.06	9.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	448.66	472.70	594.64	505.33	15.49	ppb
Boron	11-1	445.95	472.21	603.50	507.22	16.64	ppb
Bromine	81-1						cps
Cadmium	111-1	478.30	485.82	550.49	504.87	7.86	ppb
Cadmium	106-1	482.34	465.55	538.20	495.37	7.68	ppb
Cadmium	108-1	487.85	474.53	550.34	504.24	8.03	ppb
Calcium	43-1	48640.25	48873.59	53440.33	50318.05	5.38	ppb
Calcium	44-1	48676.45	49192.00	54392.90	50753.78	6.23	ppb
Chromium	52-2	492.87	493.89	489.43	492.06	0.48	ppb
Cobalt	59-2	493.61	490.65	493.26	492.51	0.33	ppb
Copper	63-2	4979.43	4916.29	4903.71	4933.15	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	26134.17	25889.28	26264.67	26096.04	0.73	ppb
Iron	56-2	25799.14	25372.05	25915.81	25695.67	1.11	ppb
Iron	57-2	25475.36	25387.51	25705.50	25522.79	0.64	ppb
Krypton	83-1						cps
Lead	206-1	2350.58	2390.72	2689.37	2476.89	7.47	ppb
Lead	207-1	2368.65	2440.72	2668.07	2492.48	6.27	ppb
Lead	208-1	2379.94	2419.61	2691.73	2497.09	6.80	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BS	Instrumnet Name :	P8
Client Sample ID :	PB133476BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:30:03	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	50755.92	51883.59	51229.65	51289.72	1.10	ppb
Manganese	55-2	5039.63	4969.73	5003.80	5004.39	0.70	ppb
Molybdenum	94-1	2466.98	2461.47	2743.93	2557.46	6.32	ppb
Molybdenum	95-1	2441.60	2448.26	2742.63	2544.16	6.76	ppb
Molybdenum	96-1	2460.50	2458.15	2724.70	2547.78	6.01	ppb
Molybdenum	97-1	2470.61	2442.36	2777.53	2563.50	7.25	ppb
Molybdenum	98-1	2442.32	2450.03	2715.05	2535.80	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.66	495.12	494.00	493.93	0.25	ppb
Phosphorus	31-2	9952.81	9815.89	9611.67	9793.45	1.75	ppb
Potassium	39-2	25964.49	25975.86	26098.18	26012.84	0.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	486.21	488.42	545.87	506.83	6.67	ppb
Selenium	77-2	480.69	493.18	479.64	484.51	1.56	ppb
Selenium	78-2	506.40	483.26	477.12	488.93	3.16	ppb
Silicon	28-1	630.02	730.81	911.38	757.40	18.82	ppb
Silver	109-1	483.55	480.02	551.61	505.06	7.99	ppb
Silver	107-1	483.42	486.69	552.05	507.39	7.63	ppb
Sodium	23-2	51484.06	51656.47	51717.19	51619.24	0.23	ppb
Strontium	86-1	481.95	481.76	541.58	501.76	6.87	ppb
Strontium	88-1	481.86	491.31	541.22	504.80	6.32	ppb
Sulfur	34-1	4747.36	4056.52	10654.66	6486.18	55.91	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	467.47	474.33	533.52	491.77	7.38	ppb
Thallium	205-1	470.51	478.84	536.64	495.33	7.27	ppb
Tin	118-1	489.41	488.89	560.98	513.09	8.08	ppb
Titanium	47-1	2434.30	2451.69	2708.63	2531.54	6.07	ppb
Uranium	238-1	481.03	482.99	540.35	501.46	6.72	ppb
Vanadium	51-2	492.51	489.75	497.33	493.20	0.78	ppb
Yttrium	89-1				99		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BS	Instrumnet Name :	P8
Client Sample ID :	PB133476BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:30:03	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	4940.23	4920.80	4969.23	4943.42	0.49	ppb
Zirconium	90-1	482.39	484.48	544.82	503.90	7.04	ppb
Zirconium	91-1	477.16	483.36	538.62	499.71	6.77	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:32:54	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48997.25	48395.37	47780.87	48391.17	1.26	ppb
Antimony	121-1	472.61	481.57	498.90	484.36	2.76	ppb
Arsenic	75-2	486.06	491.86	493.42	490.45	0.79	ppb
Barium	135-1	2374.13	2401.44	2441.54	2405.70	1.41	ppb
Barium	137-1	2384.73	2401.30	2459.60	2415.21	1.63	ppb
Beryllium	9-1	526.32	522.17	534.21	527.57	1.16	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	510.30	556.97	586.84	551.37	7.00	ppb
Boron	11-1	513.93	558.36	593.39	555.23	7.17	ppb
Bromine	81-1						cps
Cadmium	111-1	465.33	468.92	489.27	474.51	2.72	ppb
Cadmium	106-1	461.81	464.12	481.97	469.30	2.35	ppb
Cadmium	108-1	459.58	464.41	492.70	472.23	3.79	ppb
Calcium	43-1	244568.32	248906.63	258799.15	250758.04	2.91	ppb
Calcium	44-1	240275.90	247414.39	252723.44	246804.58	2.53	ppb
Chromium	52-2	505.39	495.81	488.79	496.66	1.68	ppb
Cobalt	59-2	487.73	488.01	474.35	483.36	1.62	ppb
Copper	63-2	4849.01	4824.49	4739.13	4804.21	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	125940.87	123092.35	124362.60	124465.27	1.15	ppb
Iron	56-2	123794.96	122199.35	121185.21	122393.17	1.07	ppb
Iron	57-2	123848.93	123305.65	124256.68	123803.75	0.39	ppb
Krypton	83-1						cps
Lead	206-1	2404.12	2509.48	2429.03	2447.54	2.25	ppb
Lead	207-1	2426.73	2534.27	2472.43	2477.81	2.18	ppb
Lead	208-1	2419.69	2529.29	2473.19	2474.06	2.22	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:32:54	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	256318.89	253261.62	245928.60	251836.37	2.12	ppb
Manganese	55-2	5024.79	4953.55	4885.07	4954.47	1.41	ppb
Molybdenum	94-1	2466.35	2506.23	2563.26	2511.95	1.94	ppb
Molybdenum	95-1	2453.95	2529.38	2489.41	2490.91	1.51	ppb
Molybdenum	96-1	2458.13	2520.01	2537.05	2505.06	1.66	ppb
Molybdenum	97-1	2483.47	2533.64	2497.20	2504.77	1.04	ppb
Molybdenum	98-1	2463.19	2521.51	2543.32	2509.34	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.92	493.57	479.61	488.03	1.52	ppb
Phosphorus	31-2	9828.46	10019.07	9993.06	9946.86	1.04	ppb
Potassium	39-2	127971.72	126323.36	125443.84	126579.64	1.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	478.26	493.98	488.75	487.00	1.64	ppb
Selenium	77-2	495.25	584.44	469.15	516.28	11.71	ppb
Selenium	78-2	489.74	476.63	487.40	484.59	1.44	ppb
Silicon	28-1	589.80	697.69	759.19	682.23	12.57	ppb
Silver	109-1	464.57	477.99	477.39	473.32	1.60	ppb
Silver	107-1	468.82	467.31	496.05	477.39	3.39	ppb
Sodium	23-2	253750.84	250815.28	247780.63	250782.25	1.19	ppb
Strontium	86-1	486.34	502.02	499.58	495.98	1.70	ppb
Strontium	88-1	491.12	504.91	506.98	501.00	1.72	ppb
Sulfur	34-1	4507.62	6103.26	5832.55	5481.15	15.58	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	468.74	497.33	493.83	486.64	3.20	ppb
Thallium	205-1	472.18	501.53	484.81	486.17	3.03	ppb
Tin	118-1	481.58	493.35	507.73	494.22	2.65	ppb
Titanium	47-1	2386.93	2479.02	2511.53	2459.16	2.63	ppb
Uranium	238-1	490.14	519.50	509.84	506.49	2.95	ppb
Vanadium	51-2	497.06	493.30	486.54	492.30	1.08	ppb
Yttrium	89-1				103		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:32:54	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	4861.44	4849.62	4770.84	4827.30	1.02	ppb
Zirconium	90-1	496.07	506.32	503.29	501.89	1.05	ppb
Zirconium	91-1	485.47	495.79	498.39	493.22	1.39	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:45:35	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.17	3.48	5.22	2.51	131.52	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	28.41	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	183.45	ppb
Barium	135-1	0.06	0.04	0.04	0.05	16.99	ppb
Barium	137-1	0.01	0.06	0.03	0.03	68.14	ppb
Beryllium	9-1	0.19	0.17	0.16	0.17	7.02	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	16.80	17.30	15.55	16.55	5.45	ppb
Boron	11-1	16.84	18.10	16.84	17.26	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.17	-0.23	-0.10		ppb
Cadmium	106-1	0.82	-2.23	-2.97	-1.46		ppb
Cadmium	108-1	-0.72	-0.55	-0.54	-0.60		ppb
Calcium	43-1	7.28	4.60	-2.28	3.20	154.00	ppb
Calcium	44-1	9.26	11.04	10.89	10.39	9.49	ppb
Chromium	52-2	-0.05	0.02	0.15	0.04	240.41	ppb
Cobalt	59-2	0.01	0.04	0.02	0.02	65.28	ppb
Copper	63-2	0.45	0.44	0.44	0.45	1.31	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				98		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	3.47	4.89	3.58	3.98	19.86	ppb
Iron	56-2	2.01	2.13	2.07	2.07	2.94	ppb
Iron	57-2	-1.18	-3.48	-1.02	-1.89		ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.26	0.31	0.28	9.28	ppb
Lead	207-1	0.33	0.25	0.27	0.28	13.73	ppb
Lead	208-1	0.29	0.27	0.29	0.28	5.01	ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:45:35	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				91		%
Magnesium	24-2	0.97	5.10	3.25	3.11	66.63	ppb
Manganese	55-2	0.16	0.18	0.22	0.19	17.21	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	51.52	ppb
Molybdenum	95-1	0.06	-0.01	0.00	0.02	196.28	ppb
Molybdenum	96-1	0.05	0.03	0.03	0.04	37.31	ppb
Molybdenum	97-1	0.01	-0.03	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	60.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	-0.12	-0.06		ppb
Phosphorus	31-2	-30.98	-25.95	-22.44	-26.46		ppb
Potassium	39-2	31.84	14.51	26.18	24.18	36.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	0.90	1.79	-0.49	0.73	156.13	ppb
Selenium	77-2	4.92	4.87	0.00	3.26	86.61	ppb
Selenium	78-2	1.14	-1.15	-2.14	-0.72		ppb
Silicon	28-1	-14.51	-5.73	-9.24	-9.83		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	107-1	0.03	0.01	0.01	0.02	52.98	ppb
Sodium	23-2	31.60	31.88	45.79	36.43	22.27	ppb
Strontium	86-1	-0.04	0.02	-0.10	-0.04		ppb
Strontium	88-1	-0.01	-0.02	0.00	-0.01		ppb
Sulfur	34-1	-8263.32	-8169.96	-7669.94	-8034.40		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.02	0.06	0.05	52.35	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	31.65	ppb
Tin	118-1	0.02	0.04	0.00	0.02	86.56	ppb
Titanium	47-1	0.05	0.34	0.00	0.13	141.67	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	104.80	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	65.12	ppb
Yttrium	89-1				99		%

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:45:35	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.19	-0.08	0.20	0.10	158.33	ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.03	-0.05	-0.02	-0.03		ppb

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:12:49	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309	354	347	337	7.24	cps
Antimony	121-1	25	17	17	19	24.73	cps
Arsenic	75-2	6	7	9	7	20.83	cps
Barium	135-1	50	42	8	33	66.15	cps
Barium	137-1	125	42	25	64	83.86	cps
Beryllium	9-1	72	38	46	52	34.19	cps
Bismuth	209-1	2118637	2081359	2060276	2086757	1.42	cps
Bismuth	209-2	1226469	1254162	1253410	1244680	1.27	cps
Boron	10-1	36	46	26	36	27.77	cps
Boron	11-1	208	206	186	200	6.08	cps
Bromine	81-1	3354	2703	3064	3040	10.72	cps
Cadmium	111-1	1081	954	966	1000	7.03	cps
Cadmium	106-1	1500	1375	1400	1425	4.64	cps
Cadmium	108-1	75	13	21	36	93.98	cps
Calcium	43-1	217	219	214	217	1.20	cps
Calcium	44-1	14710	14594	14408	14571	1.04	cps
Chromium	52-2	603	650	570	608	6.61	cps
Cobalt	59-2	63	30	53	49	34.99	cps
Copper	63-2	421	539	535	498	13.44	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	3693898	3551810	3603456	3616388	1.99	cps
Holmium	165-2	1692841	1718771	1728280	1713297	1.07	cps
Indium	115-1	3532470	3445142	3515588	3497733	1.32	cps
Indium	115-2	526765	534181	536226	532391	0.93	cps
Iron	54-2	267	294	256	272	7.36	cps
Iron	56-2	2322	2011	2172	2169	7.18	cps
Iron	57-2	89	100	161	117	33.33	cps
Krypton	83-1	1877	1923	2024	1941	3.86	cps
Lead	206-1	217	189	211	206	7.15	cps
Lead	207-1	283	233	178	231	22.81	cps
Lead	208-1	1106	844	844	932	16.19	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:12:49 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1262737	1222801	1246671	1244069	1.62	cps
Magnesium	24-2	700	550	642	631	11.99	cps
Manganese	55-2	70	93	90	84	14.94	cps
Molybdenum	94-1	75	67	108	83	26.46	cps
Molybdenum	95-1	92	33	25	50	72.65	cps
Molybdenum	96-1	67	42	25	44	47.19	cps
Molybdenum	97-1	108	17	8	44	124.85	cps
Molybdenum	98-1	100	33	50	61	56.78	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	137	157	140	10.91	cps
Phosphorus	31-2	108	133	100	114	15.23	cps
Potassium	39-2	23679	24079	23261	23673	1.73	cps
Rhodium	103-1	3430611	3349962	3416279	3398951	1.27	cps
Rhodium	103-2	1557010	1550481	1575008	1560833	0.81	cps
Scandium	45-1	2494631	2411158	2462469	2456086	1.71	cps
Scandium	45-2	86002	86622	87038	86554	0.60	cps
Selenium	82-1	92	90	-1	61	88.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	49	46	45	10.19	cps
Silicon	28-1	1238702	1253214	1240724	1244213	0.63	cps
Silver	109-1	42	100	67	69	42.14	cps
Silver	107-1	33	50	25	36	35.25	cps
Sodium	23-2	29798	29915	29163	29625	1.37	cps
Strontium	86-1	3017	3092	3100	3070	1.50	cps
Strontium	88-1	317	158	158	211	43.31	cps
Sulfur	34-1	601959	597587	603867	601137	0.54	cps
Terbium	159-1	4022751	3787195	3847085	3885677	3.15	cps
Terbium	159-2	1691031	1761763	1728998	1727264	2.05	cps
Thallium	203-1	150	42	100	97	55.77	cps
Thallium	205-1	242	117	133	164	41.41	cps
Tin	118-1	233	225	175	211	14.94	cps
Titanium	47-1	317	308	300	308	2.70	cps
Uranium	238-1	58	8	8	25	115.49	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Yttrium	89-1	6573865	6323714	6452954	6450178	1.94	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:12:49	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	683260	692285	686890	687478	0.66	cps
Zinc	66-2	67	50	63	60	14.70	cps
Zirconium	90-1	325	250	192	256	26.16	cps
Zirconium	91-1	100	92	67	86	20.14	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:16:01	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	756	714	720	730	3.14	cps
Antimony	121-1	5618	5818	5476	5637	3.05	cps
Arsenic	75-2	108	105	106	106	1.44	cps
Barium	135-1	6035	5851	5968	5951	1.56	cps
Barium	137-1	9454	10471	10279	10068	5.37	cps
Beryllium	9-1	624	714	682	673	6.78	cps
Bismuth	209-1	1814451	2080048	2114672	2003057	8.20	cps
Bismuth	209-2	1222201	1235824	1225891	1227972	0.57	cps
Boron	10-1	1182	1352	1324	1286	7.09	cps
Boron	11-1	5392	6208	6652	6084	10.51	cps
Bromine	81-1	3114	3074	3003	3063	1.82	cps
Cadmium	111-1	1513	1631	1661	1602	4.87	cps
Cadmium	106-1	1292	1258	1442	1331	7.34	cps
Cadmium	108-1	58	71	75	68	12.75	cps
Calcium	43-1	3980	3921	3885	3929	1.22	cps
Calcium	44-1	75948	76300	76749	76332	0.53	cps
Chromium	52-2	2214	2217	2304	2245	2.27	cps
Cobalt	59-2	1453	1497	1293	1415	7.57	cps
Copper	63-2	2529	2687	2802	2673	5.13	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	3134486	3574028	3657778	3455431	8.13	cps
Holmium	165-2	1689620	1697202	1693144	1693322	0.22	cps
Indium	115-1	3076850	3512718	3649350	3412973	8.76	cps
Indium	115-2	530742	529279	534222	531414	0.48	cps
Iron	54-2	1895	1850	1889	1878	1.29	cps
Iron	56-2	31273	29804	30499	30525	2.41	cps
Iron	57-2	839	822	750	804	5.88	cps
Krypton	83-1	2147	1873	1920	1980	7.39	cps
Lead	206-1	1706	1683	1683	1691	0.76	cps
Lead	207-1	1378	1495	1467	1446	4.21	cps
Lead	208-1	6673	6534	6401	6536	2.08	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:16:01	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1081253	1240281	1239552	1187029	7.72	cps
Magnesium	24-2	26650	26550	26433	26544	0.41	cps
Manganese	55-2	447	410	473	443	7.17	cps
Molybdenum	94-1	5568	5510	5693	5590	1.68	cps
Molybdenum	95-1	6793	6844	6794	6810	0.42	cps
Molybdenum	96-1	7669	7594	7761	7675	1.09	cps
Molybdenum	97-1	4126	4301	4301	4242	2.38	cps
Molybdenum	98-1	10854	10980	10321	10718	3.26	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	463	487	580	510	12.10	cps
Phosphorus	31-2	167	158	108	144	21.84	cps
Potassium	39-2	43658	44753	43332	43915	1.70	cps
Rhodium	103-1	2966642	3372129	3481609	3273460	8.29	cps
Rhodium	103-2	1550743	1592131	1564958	1569277	1.34	cps
Scandium	45-1	2130064	2452368	2457966	2346799	8.00	cps
Scandium	45-2	85834	87417	87169	86807	0.98	cps
Selenium	82-1	184	298	262	248	23.48	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	51	70	64	62	15.75	cps
Silicon	28-1	1319230	1270896	1272986	1287704	2.12	cps
Silver	109-1	2959	3100	3392	3150	7.02	cps
Silver	107-1	2859	2984	2909	2917	2.16	cps
Sodium	23-2	82843	82592	83078	82838	0.29	cps
Strontium	86-1	4042	4209	4226	4159	2.44	cps
Strontium	88-1	7936	6977	7769	7561	6.78	cps
Sulfur	34-1	595386	594609	597085	595693	0.21	cps
Terbium	159-1	3370437	3852818	3965309	3729521	8.47	cps
Terbium	159-2	1704902	1697674	1692223	1698266	0.37	cps
Thallium	203-1	1775	1675	1850	1767	4.97	cps
Thallium	205-1	4609	4426	4284	4440	3.67	cps
Tin	118-1	9770	9987	9437	9731	2.85	cps
Titanium	47-1	2800	2209	2267	2425	13.45	cps
Uranium	238-1	4859	5059	4726	4882	3.44	cps
Vanadium	51-2	3187	3037	3104	3109	2.42	cps
Yttrium	89-1	5591956	6382907	6672172	6215678	9.00	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:16:01	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	690074	689816	685563	688484	0.37	cps
Zinc	66-2	327	327	357	337	5.15	cps
Zirconium	90-1	5084	5034	4426	4848	7.56	cps
Zirconium	91-1	1050	1050	950	1017	5.68	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:19:10 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20151	19828	19697	19892	1.18	cps
Antimony	121-1	159618	159574	158015	159069	0.57	cps
Arsenic	75-2	5546	5539	5358	5481	1.95	cps
Barium	135-1	163098	163445	164939	163827	0.60	cps
Barium	137-1	280554	286371	282146	283024	1.06	cps
Beryllium	9-1	38310	38099	38232	38214	0.28	cps
Bismuth	209-1	2211685	2243954	2190454	2215364	1.22	cps
Bismuth	209-2	1300966	1301853	1291072	1297964	0.46	cps
Boron	10-1	2842	3046	3060	2982	4.09	cps
Boron	11-1	13572	14761	15715	14682	7.31	cps
Bromine	81-1	3013	3053	3204	3090	3.25	cps
Cadmium	111-1	36440	36984	37098	36841	0.95	cps
Cadmium	106-1	4834	5268	5176	5093	4.49	cps
Cadmium	108-1	2513	2646	2834	2664	6.05	cps
Calcium	43-1	41837	41416	41353	41535	0.63	cps
Calcium	44-1	718478	716594	714199	716423	0.30	cps
Chromium	52-2	43091	42744	42995	42943	0.42	cps
Cobalt	59-2	76521	77533	76370	76808	0.82	cps
Copper	63-2	555285	557382	549650	554106	0.72	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	3846372	3827027	3851048	3841483	0.33	cps
Holmium	165-2	1782097	1795569	1804565	1794077	0.63	cps
Indium	115-1	3698704	3748565	3741906	3729725	0.73	cps
Indium	115-2	558396	558793	552598	556596	0.62	cps
Iron	54-2	91809	89702	91357	90956	1.22	cps
Iron	56-2	1600764	1632923	1589784	1607824	1.39	cps
Iron	57-2	39911	39928	40419	40086	0.72	cps
Krypton	83-1	2017	2080	2050	2049	1.55	cps
Lead	206-1	411588	411599	406199	409795	0.76	cps
Lead	207-1	361507	367054	364895	364485	0.77	cps
Lead	208-1	1650071	1658078	1649272	1652474	0.29	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:19:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1254312	1282078	1267896	1268095	1.09	cps
Magnesium	24-2	308726	307791	305054	307190	0.62	cps
Manganese	55-2	199741	200092	198069	199301	0.54	cps
Molybdenum	94-1	309393	306869	306403	307555	0.52	cps
Molybdenum	95-1	371934	367531	368923	369463	0.61	cps
Molybdenum	96-1	403414	409393	410274	407694	0.92	cps
Molybdenum	97-1	230256	232289	230254	230933	0.51	cps
Molybdenum	98-1	600352	594088	583923	592788	1.40	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20902	20952	20675	20843	0.71	cps
Phosphorus	31-2	1275	1500	1492	1422	8.97	cps
Potassium	39-2	141287	139798	142432	141172	0.94	cps
Rhodium	103-1	3631069	3545582	3615164	3597271	1.26	cps
Rhodium	103-2	1619449	1645142	1653021	1639204	1.07	cps
Scandium	45-1	2561267	2590962	2559687	2570639	0.69	cps
Scandium	45-2	90106	90261	90496	90288	0.22	cps
Selenium	82-1	2698	2428	2536	2554	5.31	cps
Selenium	77-2	67	93	67	76	20.37	cps
Selenium	78-2	281	304	264	283	7.09	cps
Silicon	28-1	1332756	1285863	1286435	1301685	2.07	cps
Silver	109-1	171223	172858	170513	171531	0.70	cps
Silver	107-1	176656	182017	178823	179165	1.51	cps
Sodium	23-2	628135	628642	621811	626196	0.61	cps
Strontium	86-1	53511	53093	53537	53381	0.47	cps
Strontium	88-1	428399	434858	432436	431897	0.76	cps
Sulfur	34-1	612600	611511	613890	612667	0.19	cps
Terbium	159-1	4087731	4108700	4174251	4123560	1.09	cps
Terbium	159-2	1814414	1800111	1780247	1798257	0.95	cps
Thallium	203-1	97599	96794	98808	97734	1.04	cps
Thallium	205-1	232161	229385	231658	231068	0.64	cps
Tin	118-1	114392	113636	114393	114140	0.38	cps
Titanium	47-1	108720	111238	111231	110396	1.32	cps
Uranium	238-1	270224	273651	275690	273188	1.01	cps
Vanadium	51-2	35558	35170	35400	35376	0.55	cps
Yttrium	89-1	6842383	6922469	7021802	6928885	1.30	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:19:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	719735	721708	719837	720427	0.15	cps
Zinc	66-2	73128	73134	73261	73174	0.10	cps
Zirconium	90-1	261192	256056	257420	258223	1.03	cps
Zirconium	91-1	56816	56507	56691	56671	0.27	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:22:20 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49287	48548	49026	48953	0.77	cps
Antimony	121-1	395542	400403	402743	399563	0.92	cps
Arsenic	75-2	13474	13480	13367	13440	0.47	cps
Barium	135-1	415700	416687	410550	414312	0.80	cps
Barium	137-1	714510	702105	714334	710316	1.00	cps
Beryllium	9-1	94463	94376	95503	94781	0.66	cps
Bismuth	209-1	2261958	2239213	2212817	2237996	1.10	cps
Bismuth	209-2	1255255	1242181	1290978	1262804	2.00	cps
Boron	10-1	6714	7302	7684	7234	6.76	cps
Boron	11-1	32754	36644	38909	36102	8.62	cps
Bromine	81-1	3374	2743	3224	3114	10.58	cps
Cadmium	111-1	91069	90296	90686	90684	0.43	cps
Cadmium	106-1	10196	11305	10921	10807	5.21	cps
Cadmium	108-1	6522	6718	6322	6521	3.04	cps
Calcium	43-1	104595	103306	106002	104634	1.29	cps
Calcium	44-1	1728879	1721479	1715625	1721994	0.39	cps
Chromium	52-2	108061	109149	108279	108496	0.53	cps
Cobalt	59-2	190321	192273	189471	190688	0.75	cps
Copper	63-2	1394283	1384934	1383339	1387519	0.43	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	3780521	3852922	3840287	3824577	1.01	cps
Holmium	165-2	1734354	1744955	1810515	1763275	2.34	cps
Indium	115-1	3743689	3720250	3796957	3753632	1.05	cps
Indium	115-2	535906	539193	554087	543062	1.78	cps
Iron	54-2	227195	224255	224414	225288	0.73	cps
Iron	56-2	4048817	4017945	3976617	4014460	0.90	cps
Iron	57-2	102952	101380	101453	101928	0.87	cps
Krypton	83-1	2017	2060	2134	2070	2.85	cps
Lead	206-1	1046738	1042676	1045497	1044970	0.20	cps
Lead	207-1	928405	932460	936244	932370	0.42	cps
Lead	208-1	4210475	4236496	4193827	4213599	0.51	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:22:20	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1275443	1273172	1259238	1269284	0.69	cps
Magnesium	24-2	762403	763323	766271	763999	0.26	cps
Manganese	55-2	503634	501516	499944	501698	0.37	cps
Molybdenum	94-1	773795	775884	781433	777037	0.51	cps
Molybdenum	95-1	941434	930494	940206	937378	0.64	cps
Molybdenum	96-1	1042940	1029997	1038608	1037182	0.64	cps
Molybdenum	97-1	580313	564376	575703	573464	1.43	cps
Molybdenum	98-1	1489405	1447195	1437033	1457878	1.90	cps
Neodymium	150-1	27	47	47	40	28.87	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	51188	51881	52021	51697	0.86	cps
Phosphorus	31-2	3125	3459	3367	3317	5.19	cps
Potassium	39-2	320063	318118	316352	318178	0.58	cps
Rhodium	103-1	3615984	3565137	3648749	3609957	1.17	cps
Rhodium	103-2	1574906	1596281	1624914	1598700	1.57	cps
Scandium	45-1	2548810	2629899	2614629	2597779	1.66	cps
Scandium	45-2	88350	87675	91418	89148	2.24	cps
Selenium	82-1	6323	6330	6066	6240	2.41	cps
Selenium	77-2	133	177	140	150	15.55	cps
Selenium	78-2	617	662	603	627	4.91	cps
Silicon	28-1	1444439	1462374	1447693	1451502	0.66	cps
Silver	109-1	430856	427804	430903	429854	0.41	cps
Silver	107-1	449259	447165	451767	449397	0.51	cps
Sodium	23-2	1499664	1506410	1543771	1516615	1.57	cps
Strontium	86-1	131263	127098	131086	129816	1.81	cps
Strontium	88-1	1077437	1070637	1090815	1079630	0.95	cps
Sulfur	34-1	635396	635007	636299	635567	0.10	cps
Terbium	159-1	4188915	4057134	4138332	4128127	1.61	cps
Terbium	159-2	1777425	1724678	1771104	1757736	1.64	cps
Thallium	203-1	240007	244616	243472	242698	0.99	cps
Thallium	205-1	576303	579627	588637	581522	1.10	cps
Tin	118-1	284178	283449	290673	286100	1.39	cps
Titanium	47-1	277980	282748	282614	281114	0.97	cps
Uranium	238-1	696565	689842	687165	691191	0.70	cps
Vanadium	51-2	90306	87905	88290	88833	1.45	cps
Yttrium	89-1	6844926	6813651	6881057	6846544	0.49	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:22:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	693707	707674	720068	707149	1.86	cps
Zinc	66-2	184588	184052	182615	183752	0.56	cps
Zirconium	90-1	647039	643674	659468	650061	1.28	cps
Zirconium	91-1	145235	142969	145329	144511	0.92	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:25:24 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95555	95824	96102	95827	0.28	cps
Antimony	121-1	769419	775409	781012	775280	0.75	cps
Arsenic	75-2	26318	26146	26432	26299	0.55	cps
Barium	135-1	802793	810011	813213	808672	0.66	cps
Barium	137-1	1378400	1409589	1385404	1391131	1.18	cps
Beryllium	9-1	179568	181833	182025	181142	0.75	cps
Bismuth	209-1	2124379	2192790	2178940	2165369	1.67	cps
Bismuth	209-2	1282542	1277185	1283053	1280927	0.25	cps
Boron	10-1	12675	14172	15203	14017	9.07	cps
Boron	11-1	63482	70437	73343	69087	7.33	cps
Bromine	81-1	3194	3023	3234	3150	3.54	cps
Cadmium	111-1	173802	176341	176259	175468	0.82	cps
Cadmium	106-1	19648	19623	20015	19762	1.11	cps
Cadmium	108-1	12856	12831	12618	12769	1.02	cps
Calcium	43-1	202875	202584	201011	202157	0.50	cps
Calcium	44-1	3381528	3347736	3381278	3370181	0.58	cps
Chromium	52-2	211612	212181	211771	211855	0.14	cps
Cobalt	59-2	375551	370338	373173	373021	0.70	cps
Copper	63-2	2694753	2701883	2697235	2697957	0.13	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	20	7	20	16	49.47	cps
Holmium	165-1	3783484	3786857	3746008	3772116	0.60	cps
Holmium	165-2	1784463	1793234	1779328	1785675	0.39	cps
Indium	115-1	3672192	3709565	3617413	3666390	1.26	cps
Indium	115-2	548605	550829	552925	550786	0.39	cps
Iron	54-2	445531	441866	441816	443071	0.48	cps
Iron	56-2	7879598	7731818	7751868	7787761	1.03	cps
Iron	57-2	197842	196791	198063	197565	0.34	cps
Krypton	83-1	2064	2110	2090	2088	1.12	cps
Lead	206-1	2032567	2078797	2039771	2050378	1.21	cps
Lead	207-1	1829166	1886921	1814135	1843407	2.08	cps
Lead	208-1	8189704	8369983	8161445	8240377	1.37	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1241521	1235621	1243601	1240247	0.33	cps
Magnesium	24-2	1485550	1448983	1484028	1472854	1.40	cps
Manganese	55-2	987015	972954	971269	977079	0.88	cps
Molybdenum	94-1	1464042	1480043	1477944	1474010	0.59	cps
Molybdenum	95-1	1805765	1830437	1781251	1805818	1.36	cps
Molybdenum	96-1	1959478	2009856	1992483	1987273	1.29	cps
Molybdenum	97-1	1114613	1122295	1115053	1117320	0.39	cps
Molybdenum	98-1	2831832	2871545	2770910	2824762	1.79	cps
Neodymium	150-1	33	40	53	42	24.13	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	101458	100250	101707	101138	0.77	cps
Phosphorus	31-2	7069	6293	6510	6624	6.04	cps
Potassium	39-2	599259	594007	596848	596705	0.44	cps
Rhodium	103-1	3501298	3518509	3496325	3505377	0.33	cps
Rhodium	103-2	1628256	1628870	1644178	1633768	0.55	cps
Scandium	45-1	2588980	2518505	2546634	2551373	1.39	cps
Scandium	45-2	90677	89349	90516	90180	0.80	cps
Selenium	82-1	11978	12407	12592	12326	2.55	cps
Selenium	77-2	307	357	270	311	13.98	cps
Selenium	78-2	1224	1205	1223	1218	0.88	cps
Silicon	28-1	1678650	1670151	1686725	1678508	0.49	cps
Silver	109-1	824681	830867	838431	831327	0.83	cps
Silver	107-1	866058	878991	877862	874304	0.82	cps
Sodium	23-2	2930542	2862825	2876392	2889919	1.24	cps
Strontium	86-1	242715	246023	247573	245437	1.01	cps
Strontium	88-1	2026764	2094155	2065167	2062029	1.64	cps
Sulfur	34-1	659867	656063	649737	655222	0.78	cps
Terbium	159-1	3998763	4198221	3997727	4064904	2.84	cps
Terbium	159-2	1776070	1781421	1803030	1786841	0.80	cps
Thallium	203-1	483070	481934	483292	482766	0.15	cps
Thallium	205-1	1113865	1142252	1130819	1128979	1.27	cps
Tin	118-1	550912	555972	551815	552900	0.49	cps
Titanium	47-1	536764	546539	540570	541291	0.91	cps
Uranium	238-1	1341263	1356817	1345660	1347913	0.59	cps
Vanadium	51-2	175132	173940	174209	174427	0.36	cps
Yttrium	89-1	6630743	6841128	6859838	6777236	1.88	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:25:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	711460	720686	725054	719067	0.97	cps
Zinc	66-2	357243	357530	355977	356917	0.23	cps
Zirconium	90-1	1246441	1263287	1274907	1261545	1.13	cps
Zirconium	91-1	276411	282192	277263	278622	1.12	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:28:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188234	186456	188813	187834	0.65	cps
Antimony	121-1	1506714	1520062	1516782	1514519	0.46	cps
Arsenic	75-2	51692	51626	51214	51511	0.50	cps
Barium	135-1	1536035	1545917	1542165	1541372	0.32	cps
Barium	137-1	2646082	2627761	2617719	2630521	0.55	cps
Beryllium	9-1	351528	354339	354340	353402	0.46	cps
Bismuth	209-1	2096161	2132412	2082566	2103713	1.22	cps
Bismuth	209-2	1225339	1257282	1124994	1202539	5.74	cps
Boron	10-1	25253	28147	29133	27511	7.33	cps
Boron	11-1	124655	136775	144395	135275	7.36	cps
Bromine	81-1	3224	3334	2733	3097	10.33	cps
Cadmium	111-1	341463	337565	342497	340508	0.76	cps
Cadmium	106-1	36699	36323	37727	36917	1.97	cps
Cadmium	108-1	25440	24964	25377	25261	1.02	cps
Calcium	43-1	392862	396929	399632	396474	0.86	cps
Calcium	44-1	6474151	6648184	6535994	6552776	1.35	cps
Chromium	52-2	415646	412127	416431	414735	0.55	cps
Cobalt	59-2	732982	729823	734704	732503	0.34	cps
Copper	63-2	5229940	5225686	5350917	5268848	1.35	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	10	27	10	16	61.87	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	25	75	25	42	69.28	cps
Gadolinium	160-2	23	13	40	26	52.73	cps
Holmium	165-1	3811341	3660401	3707318	3726353	2.07	cps
Holmium	165-2	1706435	1743936	1583680	1678017	5.00	cps
Indium	115-1	3641209	3527892	3573656	3580919	1.59	cps
Indium	115-2	528585	535215	480929	514910	5.75	cps
Iron	54-2	861775	854599	874364	863579	1.16	cps
Iron	56-2	15223939	15377840	15398352	15333377	0.62	cps
Iron	57-2	385625	384634	391163	387141	0.91	cps
Krypton	83-1	1987	2024	1960	1990	1.60	cps
Lead	206-1	3957487	3986721	3979697	3974635	0.38	cps
Lead	207-1	3563967	3606077	3546105	3572050	0.86	cps
Lead	208-1	15802950	15998227	15842166	15881114	0.65	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:28:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1231513	1212533	1195373	1213140	1.49	cps
Magnesium	24-2	2840003	2868028	2901612	2869881	1.07	cps
Manganese	55-2	1898907	1920018	1931110	1916678	0.85	cps
Molybdenum	94-1	2821686	2849664	2899270	2856873	1.38	cps
Molybdenum	95-1	3391946	3454211	3511789	3452649	1.74	cps
Molybdenum	96-1	3794798	3882862	3897079	3858246	1.44	cps
Molybdenum	97-1	2133097	2215882	2151935	2166971	2.00	cps
Molybdenum	98-1	5484112	5536797	5543691	5521534	0.59	cps
Neodymium	150-1	53	80	53	62	24.74	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	196319	193665	195481	195155	0.70	cps
Phosphorus	31-2	11955	12272	12372	12200	1.78	cps
Potassium	39-2	1136282	1151971	1152427	1146893	0.80	cps
Rhodium	103-1	3523967	3423210	3475464	3474214	1.45	cps
Rhodium	103-2	1542447	1578807	1433214	1518156	4.99	cps
Scandium	45-1	2532930	2491707	2508778	2511138	0.82	cps
Scandium	45-2	88282	87390	79425	85032	5.73	cps
Selenium	82-1	23812	23563	23960	23778	0.84	cps
Selenium	77-2	690	690	667	682	1.97	cps
Selenium	78-2	2251	2306	2313	2290	1.48	cps
Silicon	28-1	2160688	2205245	2229894	2198609	1.60	cps
Silver	109-1	1600546	1593601	1590007	1594718	0.34	cps
Silver	107-1	1693439	1666472	1685678	1681863	0.83	cps
Sodium	23-2	5552287	5600811	5577036	5576711	0.44	cps
Strontium	86-1	476302	476716	487410	480143	1.31	cps
Strontium	88-1	3982888	4069312	3987515	4013238	1.21	cps
Sulfur	34-1	713556	709673	709694	710974	0.31	cps
Terbium	159-1	4026734	4018714	3978044	4007831	0.65	cps
Terbium	159-2	1737431	1732480	1589791	1686567	4.97	cps
Thallium	203-1	926586	934163	943894	934881	0.93	cps
Thallium	205-1	2192725	2178188	2165677	2178863	0.62	cps
Tin	118-1	1074085	1086839	1083497	1081473	0.61	cps
Titanium	47-1	1062124	1058706	1076007	1065612	0.86	cps
Uranium	238-1	2542682	2649716	2597528	2596642	2.06	cps
Vanadium	51-2	341516	338945	340160	340207	0.38	cps
Yttrium	89-1	6681641	6715442	6745087	6714056	0.47	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:28:24	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	695219	696415	630003	673879	5.64	cps
Zinc	66-2	694349	692437	695827	694204	0.24	cps
Zirconium	90-1	2393118	2427701	2440692	2420504	1.02	cps
Zirconium	91-1	544729	543171	551410	546437	0.80	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:31:23	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387448	381977	384447	384624	0.71	cps
Antimony	121-1	3129229	3131419	3134862	3131836	0.09	cps
Arsenic	75-2	107376	106744	105391	106504	0.95	cps
Barium	135-1	3241927	3238660	3212490	3231025	0.50	cps
Barium	137-1	5427312	5534321	5464355	5475330	0.99	cps
Beryllium	9-1	724857	729973	726619	727150	0.36	cps
Bismuth	209-1	2130270	2146829	2148777	2141959	0.47	cps
Bismuth	209-2	1251135	1259348	1235295	1248593	0.98	cps
Boron	10-1	55061	59224	62798	59028	6.56	cps
Boron	11-1	267216	292233	305171	288207	6.69	cps
Bromine	81-1	3194	3194	3364	3250	3.02	cps
Cadmium	111-1	697099	697561	706117	700259	0.73	cps
Cadmium	106-1	74485	76822	76856	76054	1.79	cps
Cadmium	108-1	51701	51161	51768	51543	0.65	cps
Calcium	43-1	823201	827611	825940	825584	0.27	cps
Calcium	44-1	13636468	13482785	13459113	13526122	0.71	cps
Chromium	52-2	853490	841235	836256	843661	1.05	cps
Cobalt	59-2	1503010	1497515	1494809	1498445	0.28	cps
Copper	63-2	10767368	10649410	10585800	10667526	0.86	cps
Dysprosium	156-1	67	100	75	81	21.53	cps
Dysprosium	156-2	20	30	43	31	37.62	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	50	27	60	46	37.54	cps
Holmium	165-1	3858597	3814874	3750148	3807873	1.43	cps
Holmium	165-2	1779890	1739372	1727293	1748852	1.58	cps
Indium	115-1	3571359	3603916	3642314	3605863	0.98	cps
Indium	115-2	533425	534031	527571	531676	0.67	cps
Iron	54-2	1792092	1778009	1789250	1786450	0.42	cps
Iron	56-2	31500350	31561442	31033883	31365225	0.92	cps
Iron	57-2	800951	787340	785564	791285	1.06	cps
Krypton	83-1	1967	1977	2097	2014	3.59	cps
Lead	206-1	8165625	8425110	8091360	8227365	2.13	cps
Lead	207-1	7249508	7505584	7180950	7312014	2.34	cps
Lead	208-1	32354960	33256033	32320400	32643797	1.63	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:31:23	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1253029	1254070	1278587	1261896	1.15	cps
Magnesium	24-2	5963390	5823760	5772893	5853348	1.69	cps
Manganese	55-2	3960001	3926037	3952311	3946117	0.45	cps
Molybdenum	94-1	5871184	6007321	5974181	5950895	1.19	cps
Molybdenum	95-1	7213649	7300357	7204463	7239490	0.73	cps
Molybdenum	96-1	7960019	8114926	8035546	8036830	0.96	cps
Molybdenum	97-1	4461206	4494188	4478010	4477801	0.37	cps
Molybdenum	98-1	11399124	11583968	11452512	11478535	0.83	cps
Neodymium	150-1	187	220	200	202	8.30	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	402177	397858	397383	399139	0.66	cps
Phosphorus	31-2	26500	25740	25414	25885	2.15	cps
Potassium	39-2	2303879	2246269	2283410	2277853	1.28	cps
Rhodium	103-1	3465988	3471596	3514390	3483992	0.76	cps
Rhodium	103-2	1580611	1569310	1525312	1558411	1.87	cps
Scandium	45-1	2563179	2611386	2583618	2586061	0.94	cps
Scandium	45-2	89640	91046	89433	90040	0.97	cps
Selenium	82-1	49409	49571	49277	49419	0.30	cps
Selenium	77-2	1493	1343	1273	1370	8.20	cps
Selenium	78-2	4626	4674	4672	4658	0.58	cps
Silicon	28-1	2903017	2929786	2951192	2927998	0.82	cps
Silver	109-1	3337181	3323630	3341298	3334036	0.28	cps
Silver	107-1	3423976	3452934	3497715	3458208	1.07	cps
Sodium	23-2	11674419	11536495	11465747	11558887	0.92	cps
Strontium	86-1	999834	999098	992150	997027	0.43	cps
Strontium	88-1	8223388	8367575	8310399	8300454	0.87	cps
Sulfur	34-1	854195	860450	853200	855949	0.46	cps
Terbium	159-1	4112719	4021626	4030556	4054967	1.24	cps
Terbium	159-2	1752778	1799127	1737133	1763013	1.83	cps
Thallium	203-1	1941908	1926122	1955097	1941042	0.75	cps
Thallium	205-1	4535897	4493769	4498158	4509275	0.51	cps
Tin	118-1	2167670	2209037	2210034	2195580	1.10	cps
Titanium	47-1	2169121	2240416	2192835	2200791	1.65	cps
Uranium	238-1	5434222	5423855	5452783	5436954	0.27	cps
Vanadium	51-2	717178	704134	696618	705977	1.47	cps
Yttrium	89-1	6875614	6837445	6833648	6848902	0.34	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:31:23	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	709845	717635	702216	709899	1.09	cps
Zinc	66-2	1423915	1408898	1404684	1412499	0.72	cps
Zirconium	90-1	5000866	4998125	5023859	5007617	0.28	cps
Zirconium	91-1	1139150	1149327	1149053	1145843	0.51	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 14:34:24 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1828959	1836444	1824487	1829963	0.33	cps
Antimony	121-1	2659	2717	2884	2753	4.24	cps
Arsenic	75-2	59	48	49	52	11.70	cps
Barium	135-1	5535	6127	6077	5913	5.55	cps
Barium	137-1	10496	10121	10304	10307	1.82	cps
Beryllium	9-1	562	484	466	504	10.12	cps
Bismuth	209-1	2038664	2008576	2021888	2023043	0.75	cps
Bismuth	209-2	1188582	1187637	1196043	1190754	0.39	cps
Boron	10-1	9103	8477	7628	8403	8.81	cps
Boron	11-1	44919	41101	37466	41162	9.05	cps
Bromine	81-1	3304	3294	3554	3384	4.36	cps
Cadmium	111-1	1394	1316	1383	1364	3.12	cps
Cadmium	106-1	1567	1392	1583	1514	7.01	cps
Cadmium	108-1	88	54	83	75	24.21	cps
Calcium	43-1	3998737	3954416	4005088	3986080	0.69	cps
Calcium	44-1	64829945	65726494	66073097	65543179	0.98	cps
Chromium	52-2	7772	8156	8216	8048	2.99	cps
Cobalt	59-2	2740	2757	2840	2779	1.93	cps
Copper	63-2	8280	8532	8406	8406	1.50	cps
Dysprosium	156-1	225	183	167	192	15.68	cps
Dysprosium	156-2	73	120	123	106	26.49	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	33	27	27	29	13.31	cps
Gadolinium	160-1	175	217	217	203	11.86	cps
Gadolinium	160-2	103	120	110	111	7.55	cps
Holmium	165-1	3695165	3642966	3701143	3679758	0.87	cps
Holmium	165-2	1748102	1797592	1757034	1767576	1.49	cps
Indium	115-1	3516810	3511058	3569871	3532579	0.92	cps
Indium	115-2	527173	529950	528676	528600	0.26	cps
Iron	54-2	8133751	8166653	8087172	8129192	0.49	cps
Iron	56-2	147241187	149164414	147988214	148131272	0.65	cps
Iron	57-2	3751633	3770664	3729464	3750587	0.55	cps
Krypton	83-1	2084	1927	2140	2050	5.39	cps
Lead	206-1	10510	9876	10393	10260	3.29	cps
Lead	207-1	8753	8764	9281	8933	3.38	cps
Lead	208-1	40458	39457	40491	40136	1.46	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:34:24	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1237447	1265220	1244777	1249148	1.15	cps
Magnesium	24-2	27639557	27946993	27795600	27794050	0.55	cps
Manganese	55-2	4107	4231	3927	4088	3.73	cps
Molybdenum	94-1	2775	3242	2867	2962	8.35	cps
Molybdenum	95-1	3809	3817	3576	3734	3.68	cps
Molybdenum	96-1	4468	4509	4459	4479	0.60	cps
Molybdenum	97-1	2517	2159	2275	2317	7.89	cps
Molybdenum	98-1	6177	5943	5826	5982	2.98	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2924	3090	2887	2967	3.65	cps
Phosphorus	31-2	125	183	150	153	19.16	cps
Potassium	39-2	10688533	10645202	10853303	10729013	1.02	cps
Rhodium	103-1	3305712	3267421	3370388	3314507	1.57	cps
Rhodium	103-2	1500248	1514444	1503728	1506140	0.49	cps
Scandium	45-1	2473194	2542699	2492261	2502718	1.43	cps
Scandium	45-2	87091	86720	87736	87182	0.59	cps
Selenium	82-1	29	121	-107	15	786.63	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	43	38	31	37	16.15	cps
Silicon	28-1	1388642	1412562	1411211	1404138	0.96	cps
Silver	109-1	1667	1800	1975	1814	8.53	cps
Silver	107-1	1900	1934	1767	1867	4.73	cps
Sodium	23-2	53318881	53858272	54314587	53830580	0.93	cps
Strontium	86-1	8786	8036	8353	8392	4.49	cps
Strontium	88-1	43844	44723	45541	44703	1.90	cps
Sulfur	34-1	552656	556561	556521	555246	0.40	cps
Terbium	159-1	3907670	3969363	3955664	3944233	0.82	cps
Terbium	159-2	1742474	1741159	1771659	1751764	0.98	cps
Thallium	203-1	1517	1300	1367	1395	7.96	cps
Thallium	205-1	3417	3284	3150	3284	4.06	cps
Tin	118-1	1275	1450	1350	1358	6.46	cps
Titanium	47-1	700	767	708	725	5.01	cps
Uranium	238-1	1067	950	925	981	7.71	cps
Vanadium	51-2	237	190	180	202	14.96	cps
Yttrium	89-1	6563223	6576131	6685536	6608296	1.02	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 14:34:24	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	701829	702712	696878	700473	0.45	cps
Zinc	66-2	3234	3247	2897	3126	6.35	cps
Zirconium	90-1	1792	1708	1792	1764	2.73	cps
Zirconium	91-1	342	317	325	328	3.88	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 15:31:48 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9990	10120	10079	10063	0.66	cps
Antimony	121-1	609225	617184	615515	613975	0.68	cps
Arsenic	75-2	21879	21831	21342	21684	1.37	cps
Barium	135-1	64286	64487	65860	64878	1.32	cps
Barium	137-1	109458	115070	114240	112922	2.68	cps
Beryllium	9-1	69533	71518	72388	71146	2.06	cps
Bismuth	209-1	2177651	2121390	2129731	2142924	1.42	cps
Bismuth	209-2	1282247	1279739	1275685	1279224	0.26	cps
Boron	10-1	32157	35145	36628	34643	6.57	cps
Boron	11-1	158399	172999	177901	169767	5.98	cps
Bromine	81-1	3134	2803	2913	2950	5.70	cps
Cadmium	111-1	73786	73791	73516	73698	0.21	cps
Cadmium	106-1	13415	12539	12956	12970	3.38	cps
Cadmium	108-1	6748	7348	7415	7170	5.12	cps
Calcium	43-1	16942	17290	17396	17209	1.38	cps
Calcium	44-1	289511	294717	294616	292948	1.02	cps
Chromium	52-2	86875	86717	86315	86636	0.33	cps
Cobalt	59-2	155735	155004	154515	155084	0.40	cps
Copper	63-2	110297	110299	109042	109880	0.66	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	8	25	75	36	96.08	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	3711190	3715741	3746026	3724319	0.51	cps
Holmium	165-2	1774721	1750319	1764913	1763318	0.70	cps
Indium	115-1	3585563	3577573	3610525	3591221	0.48	cps
Indium	115-2	543343	540158	542257	541919	0.30	cps
Iron	54-2	73310	71796	73047	72718	1.11	cps
Iron	56-2	1277285	1275705	1261774	1271588	0.67	cps
Iron	57-2	31930	32415	31942	32096	0.86	cps
Krypton	83-1	1930	1993	2004	1976	2.01	cps
Lead	206-1	309952	313964	320196	314704	1.64	cps
Lead	207-1	251011	263842	266041	260298	3.12	cps
Lead	208-1	1203701	1229403	1251244	1228116	1.94	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 15:31:48 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1220756	1199858	1214862	1211825	0.89	cps
Magnesium	24-2	71434	72539	71484	71819	0.87	cps
Manganese	55-2	40504	40678	40731	40638	0.29	cps
Molybdenum	94-1	2849331	2908865	2911494	2889897	1.22	cps
Molybdenum	95-1	3502937	3518098	3497661	3506232	0.30	cps
Molybdenum	96-1	3833849	3905106	3893161	3877372	0.98	cps
Molybdenum	97-1	2141147	2193632	2156330	2163703	1.25	cps
Molybdenum	98-1	5456858	5591209	5595752	5547940	1.42	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	42242	42052	42149	42148	0.23	cps
Phosphorus	31-2	142	150	83	125	29.06	cps
Potassium	39-2	113436	114157	112662	113419	0.66	cps
Rhodium	103-1	3543924	3548260	3485577	3525920	0.99	cps
Rhodium	103-2	1615334	1620113	1587946	1607798	1.08	cps
Scandium	45-1	2506007	2530103	2511286	2515799	0.50	cps
Scandium	45-2	88051	89798	90012	89287	1.21	cps
Selenium	82-1	9851	9997	10013	9954	0.89	cps
Selenium	77-2	277	293	287	286	2.94	cps
Selenium	78-2	974	978	987	980	0.68	cps
Silicon	28-1	1900240	1941395	1949973	1930536	1.38	cps
Silver	109-1	160259	164441	164338	163013	1.46	cps
Silver	107-1	167939	170598	170418	169652	0.88	cps
Sodium	23-2	265999	261532	262742	263424	0.88	cps
Strontium	86-1	486526	487059	500089	491225	1.56	cps
Strontium	88-1	4063023	4200563	4232874	4165487	2.17	cps
Sulfur	34-1	555984	560055	560228	558756	0.43	cps
Terbium	159-1	3978187	3973186	3980777	3977383	0.10	cps
Terbium	159-2	1763468	1768059	1780940	1770822	0.51	cps
Thallium	203-1	378474	376639	389759	381624	1.86	cps
Thallium	205-1	898358	906088	904832	903093	0.46	cps
Tin	118-1	1056147	1072598	1082508	1070418	1.24	cps
Titanium	47-1	1070483	1067521	1075124	1071043	0.36	cps
Uranium	238-1	2735198	2669094	2763438	2722577	1.78	cps
Vanadium	51-2	69819	69977	70047	69948	0.17	cps
Yttrium	89-1	6720412	6672693	6669336	6687481	0.43	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:31:48	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	711119	710454	708077	709883	0.23	cps
Zinc	66-2	29020	29173	28602	28932	1.02	cps
Zirconium	90-1	2411282	2446145	2431688	2429705	0.72	cps
Zirconium	91-1	550226	564342	559949	558173	1.29	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:45:45	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694	717	679	697	2.80	cps
Antimony	121-1	5610	5693	5710	5671	0.94	cps
Arsenic	75-2	89	114	124	109	16.54	cps
Barium	135-1	6143	6277	6360	6260	1.75	cps
Barium	137-1	9495	9679	10179	9784	3.62	cps
Beryllium	9-1	722	758	726	735	2.68	cps
Bismuth	209-1	1819586	1999935	2046656	1955392	6.13	cps
Bismuth	209-2	1223604	1208881	1218612	1217032	0.62	cps
Boron	10-1	1790	1972	2100	1954	7.97	cps
Boron	11-1	8821	9615	9939	9459	6.08	cps
Bromine	81-1	3003	2813	3274	3030	7.64	cps
Cadmium	111-1	1660	1651	1757	1689	3.46	cps
Cadmium	106-1	1358	1408	1508	1425	5.36	cps
Cadmium	108-1	58	79	58	65	18.43	cps
Calcium	43-1	3810	3968	3974	3917	2.37	cps
Calcium	44-1	76747	77148	76541	76812	0.40	cps
Chromium	52-2	2127	2050	2120	2099	2.02	cps
Cobalt	59-2	1393	1400	1500	1431	4.18	cps
Copper	63-2	2588	2621	2757	2655	3.38	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	3176834	3395392	3572315	3381514	5.86	cps
Holmium	165-2	1707809	1684405	1679698	1690637	0.89	cps
Indium	115-1	3106071	3344677	3491540	3314096	5.87	cps
Indium	115-2	523865	518371	521314	521183	0.53	cps
Iron	54-2	2200	1906	2078	2061	7.18	cps
Iron	56-2	31880	31869	30561	31437	2.41	cps
Iron	57-2	883	794	978	885	10.36	cps
Krypton	83-1	1837	1867	1900	1868	1.70	cps
Lead	206-1	1833	1695	1667	1732	5.16	cps
Lead	207-1	1567	1572	1467	1535	3.87	cps
Lead	208-1	7445	7034	6868	7116	4.18	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1052190	1151028	1151464	1118227	5.11	cps
Magnesium	24-2	27193	27994	27944	27710	1.62	cps
Manganese	55-2	437	403	417	419	4.01	cps
Molybdenum	94-1	5751	5901	5743	5799	1.54	cps
Molybdenum	95-1	6485	6960	6610	6685	3.68	cps
Molybdenum	96-1	7269	7452	7461	7394	1.47	cps
Molybdenum	97-1	4301	4184	4009	4165	3.53	cps
Molybdenum	98-1	11705	11814	10621	11380	5.80	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	517	490	500	502	2.68	cps
Phosphorus	31-2	158	75	75	103	46.81	cps
Potassium	39-2	44101	46066	45414	45194	2.21	cps
Rhodium	103-1	3022428	3252839	3327962	3201076	4.97	cps
Rhodium	103-2	1574058	1520235	1571788	1555360	1.96	cps
Scandium	45-1	2176940	2273161	2388572	2279558	4.65	cps
Scandium	45-2	85842	84607	85526	85325	0.75	cps
Selenium	82-1	284	315	295	298	5.19	cps
Selenium	77-2	13	3	17	11	62.48	cps
Selenium	78-2	47	72	65	61	21.03	cps
Silicon	28-1	1208276	1201502	1198090	1202623	0.43	cps
Silver	109-1	2700	2909	2934	2848	4.50	cps
Silver	107-1	3125	3334	3367	3275	4.00	cps
Sodium	23-2	83899	82458	83866	83408	0.99	cps
Strontium	86-1	4026	3809	4034	3956	3.23	cps
Strontium	88-1	7627	7644	7511	7594	0.96	cps
Sulfur	34-1	566810	560726	565052	564196	0.55	cps
Terbium	159-1	3448187	3704658	3841065	3664637	5.44	cps
Terbium	159-2	1673770	1691871	1655724	1673788	1.08	cps
Thallium	203-1	1909	1875	1884	1889	0.92	cps
Thallium	205-1	4368	4334	4234	4312	1.61	cps
Tin	118-1	9962	10554	10579	10365	3.37	cps
Titanium	47-1	2417	2334	2492	2414	3.28	cps
Uranium	238-1	4501	4868	5193	4854	7.13	cps
Vanadium	51-2	3390	3180	3364	3312	3.45	cps
Yttrium	89-1	5754915	6058342	6414280	6075846	5.43	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	681187	671618	677273	676693	0.71	cps
Zinc	66-2	297	357	330	328	9.17	cps
Zirconium	90-1	5001	4418	4743	4720	6.19	cps
Zirconium	91-1	1067	1008	1075	1050	3.46	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 15:48:38 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395	396	361	384	5.17	cps
Antimony	121-1	67	58	17	47	56.72	cps
Arsenic	75-2	6	7	6	6	9.12	cps
Barium	135-1	42	25	42	36	26.65	cps
Barium	137-1	42	50	58	50	16.67	cps
Beryllium	9-1	92	88	80	87	7.05	cps
Bismuth	209-1	2238383	2172618	2231871	2214290	1.64	cps
Bismuth	209-2	1260265	1267922	1258874	1262354	0.39	cps
Boron	10-1	824	798	748	790	4.89	cps
Boron	11-1	3862	3718	3626	3735	3.18	cps
Bromine	81-1	3404	3424	3284	3371	2.25	cps
Cadmium	111-1	908	1057	996	987	7.55	cps
Cadmium	106-1	1300	1508	1417	1408	7.41	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	240	210	229	226	6.70	cps
Calcium	44-1	14481	14579	14737	14599	0.89	cps
Chromium	52-2	583	640	607	610	4.67	cps
Cobalt	59-2	67	40	50	52	25.80	cps
Copper	63-2	804	822	768	798	3.43	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	33	0	11	173.21	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	3866128	3860006	3791621	3839252	1.08	cps
Holmium	165-2	1747158	1765285	1739969	1750804	0.75	cps
Indium	115-1	3713293	3697777	3714268	3708446	0.25	cps
Indium	115-2	548723	546056	550180	548320	0.38	cps
Iron	54-2	344	311	278	311	10.71	cps
Iron	56-2	2678	2428	2600	2569	4.98	cps
Iron	57-2	89	83	117	96	18.55	cps
Krypton	83-1	1993	2047	1943	1995	2.59	cps
Lead	206-1	356	444	267	356	25.00	cps
Lead	207-1	267	339	311	306	11.92	cps
Lead	208-1	1317	1650	1272	1413	14.61	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 15:48:38 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1214068	1256470	1239499	1236679	1.73	cps
Magnesium	24-2	675	608	750	678	10.46	cps
Manganese	55-2	107	110	97	104	6.64	cps
Molybdenum	94-1	100	142	142	128	18.83	cps
Molybdenum	95-1	58	17	58	44	54.12	cps
Molybdenum	96-1	33	50	75	53	39.74	cps
Molybdenum	97-1	25	33	17	25	33.32	cps
Molybdenum	98-1	75	67	25	56	48.22	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	157	120	147	141	13.43	cps
Phosphorus	31-2	117	225	150	164	33.86	cps
Potassium	39-2	24046	24546	24129	24240	1.11	cps
Rhodium	103-1	3649318	3635790	3505132	3596747	2.21	cps
Rhodium	103-2	1633283	1604440	1654157	1630627	1.53	cps
Scandium	45-1	2639141	2499951	2579419	2572837	2.71	cps
Scandium	45-2	88564	88426	89114	88701	0.41	cps
Selenium	82-1	25	-97	-6	-26	-243.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	32	46	36	24.22	cps
Silicon	28-1	1174692	1164094	1168931	1169239	0.45	cps
Silver	109-1	117	58	58	78	43.30	cps
Silver	107-1	67	83	25	58	51.51	cps
Sodium	23-2	30215	30224	30633	30357	0.79	cps
Strontium	86-1	3542	3184	3092	3273	7.27	cps
Strontium	88-1	150	208	192	183	16.39	cps
Sulfur	34-1	566892	565684	562869	565148	0.37	cps
Terbium	159-1	4117113	4066011	4076889	4086671	0.66	cps
Terbium	159-2	1751012	1794049	1766402	1770488	1.23	cps
Thallium	203-1	42	58	50	50	16.67	cps
Thallium	205-1	133	150	167	150	11.11	cps
Tin	118-1	358	283	375	339	14.41	cps
Titanium	47-1	258	433	300	331	27.65	cps
Uranium	238-1	0	25	42	22	94.38	cps
Vanadium	51-2	10	20	10	13	43.30	cps
Yttrium	89-1	6986029	6895285	6708548	6863287	2.06	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:48:38	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	712677	711001	716978	713552	0.43	cps
Zinc	66-2	120	127	113	120	5.56	cps
Zirconium	90-1	217	267	308	264	17.39	cps
Zirconium	91-1	33	58	108	67	57.29	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1922017	1915148	1913782	1916982	0.23	cps
Antimony	121-1	3909	4051	3534	3831	6.97	cps
Arsenic	75-2	43	29	43	38	21.09	cps
Barium	135-1	983	1025	850	953	9.59	cps
Barium	137-1	1675	1909	1900	1828	7.24	cps
Beryllium	9-1	256	284	292	277	6.82	cps
Bismuth	209-1	2363695	2377954	2327097	2356249	1.11	cps
Bismuth	209-2	1297566	1299547	1272378	1289830	1.17	cps
Boron	10-1	726	730	622	693	8.84	cps
Boron	11-1	3580	3508	3168	3418	6.44	cps
Bromine	81-1	3394	3664	3194	3417	6.91	cps
Cadmium	111-1	1314	1445	1250	1336	7.43	cps
Cadmium	106-1	1600	1608	1492	1567	4.15	cps
Cadmium	108-1	592	563	629	594	5.62	cps
Calcium	43-1	857199	870410	852712	860107	1.07	cps
Calcium	44-1	14122897	14425869	13997071	14181946	1.55	cps
Chromium	52-2	17995	17871	17918	17928	0.35	cps
Cobalt	59-2	1907	1880	1850	1879	1.51	cps
Copper	63-2	10248	9832	10200	10093	2.25	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	4196310	4113327	4065394	4125010	1.61	cps
Holmium	165-2	1838245	1888994	1860722	1862654	1.37	cps
Indium	115-1	3943933	3989159	3928097	3953730	0.80	cps
Indium	115-2	565962	576853	567563	570126	1.03	cps
Iron	54-2	3631411	3572803	3566447	3590220	1.00	cps
Iron	56-2	64998268	64442689	64040406	64493788	0.75	cps
Iron	57-2	1666334	1645111	1652508	1654651	0.65	cps
Krypton	83-1	1930	1877	1990	1932	2.93	cps
Lead	206-1	8069	8525	8909	8501	4.94	cps
Lead	207-1	6468	6757	6524	6583	2.33	cps
Lead	208-1	30921	31838	32567	31775	2.60	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1290371	1342966	1285494	1306277	2.44	cps
Magnesium	24-2	5732119	5851474	5730150	5771248	1.20	cps
Manganese	55-2	3054	3224	3134	3137	2.71	cps
Molybdenum	94-1	1730571	1727845	1695698	1718038	1.13	cps
Molybdenum	95-1	2976951	3057763	2973773	3002829	1.59	cps
Molybdenum	96-1	3224581	3259506	3172769	3218952	1.36	cps
Molybdenum	97-1	1857663	1890853	1850031	1866182	1.16	cps
Molybdenum	98-1	4726485	4846297	4734290	4769024	1.41	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2400	2390	2290	2360	2.58	cps
Phosphorus	31-2	128382	131601	127659	129214	1.62	cps
Potassium	39-2	4654801	4636372	4585533	4625569	0.78	cps
Rhodium	103-1	3815471	3784648	3752536	3784218	0.83	cps
Rhodium	103-2	1657360	1679932	1626750	1654680	1.61	cps
Scandium	45-1	2825304	2813651	2770016	2802991	1.04	cps
Scandium	45-2	94642	95521	93679	94614	0.97	cps
Selenium	82-1	-87	89	99	34	310.61	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	33	35	35	34	3.36	cps
Silicon	28-1	1227870	1231984	1249677	1236510	0.94	cps
Silver	109-1	100	133	142	125	17.64	cps
Silver	107-1	83	92	117	97	17.84	cps
Sodium	23-2	11616404	11833357	11726913	11725558	0.93	cps
Strontium	86-1	37225	39214	38362	38267	2.61	cps
Strontium	88-1	304988	305823	299293	303368	1.17	cps
Sulfur	34-1	1673318	1651625	1622257	1649067	1.55	cps
Terbium	159-1	4497452	4470892	4386051	4451465	1.31	cps
Terbium	159-2	1838696	1908146	1829711	1858851	2.31	cps
Thallium	203-1	208	217	133	186	24.66	cps
Thallium	205-1	417	333	475	408	17.44	cps
Tin	118-1	1008	975	967	983	2.24	cps
Titanium	47-1	921868	930647	926339	926285	0.47	cps
Uranium	238-1	142	92	292	175	59.48	cps
Vanadium	51-2	83	90	107	93	12.88	cps
Yttrium	89-1	7502433	7355706	7373307	7410482	1.08	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:51:29	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	748356	761460	741280	750365	1.36	cps
Zinc	66-2	1873	1800	1820	1831	2.07	cps
Zirconium	90-1	392	358	567	439	25.51	cps
Zirconium	91-1	83	58	192	111	63.79	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:54:19	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1860411	1892667	1898692	1883923	1.09	cps
Antimony	121-1	68983	70818	71085	70295	1.63	cps
Arsenic	75-2	2293	2221	2311	2275	2.09	cps
Barium	135-1	14566	15000	14917	14828	1.55	cps
Barium	137-1	24748	26735	25867	25783	3.86	cps
Beryllium	9-1	15193	15465	15255	15304	0.93	cps
Bismuth	209-1	2385335	2289986	2310674	2328665	2.15	cps
Bismuth	209-2	1317101	1304605	1201824	1274510	4.96	cps
Boron	10-1	3604	4068	3812	3828	6.07	cps
Boron	11-1	17473	18902	19721	18699	6.09	cps
Bromine	81-1	3784	3794	3985	3855	2.93	cps
Cadmium	111-1	16104	16383	16188	16225	0.88	cps
Cadmium	106-1	3576	3467	3509	3517	1.55	cps
Cadmium	108-1	1700	1754	1717	1724	1.61	cps
Calcium	43-1	830944	849473	845839	842085	1.17	cps
Calcium	44-1	13663990	14054104	13932518	13883537	1.44	cps
Chromium	52-2	35380	36226	35755	35787	1.18	cps
Cobalt	59-2	33055	33660	32811	33175	1.32	cps
Copper	63-2	33317	32544	33280	33047	1.32	cps
Dysprosium	156-1	8	50	8	22	108.27	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	58	8	33	75.01	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	42	33	58	44	28.64	cps
Gadolinium	160-2	20	13	27	20	33.35	cps
Holmium	165-1	4213139	4179196	4038661	4143665	2.23	cps
Holmium	165-2	1862137	1868403	1754388	1828309	3.51	cps
Indium	115-1	4198261	4056393	3967404	4074019	2.86	cps
Indium	115-2	581080	584595	538387	568021	4.53	cps
Iron	54-2	3574118	3504432	3563040	3547197	1.06	cps
Iron	56-2	64699742	64655897	64672553	64676064	0.03	cps
Iron	57-2	1667393	1628738	1636351	1644161	1.25	cps
Krypton	83-1	2070	1870	2014	1985	5.19	cps
Lead	206-1	41288	42163	40469	41307	2.05	cps
Lead	207-1	33750	34379	34797	34309	1.54	cps
Lead	208-1	157706	160255	158191	158717	0.85	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:54:19	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1345724	1336569	1310568	1330953	1.37	cps
Magnesium	24-2	5732281	5711321	5768332	5737311	0.50	cps
Manganese	55-2	11068	11074	11258	11133	0.97	cps
Molybdenum	94-1	1821370	1923064	1858470	1867635	2.76	cps
Molybdenum	95-1	2973979	3117502	3014330	3035271	2.44	cps
Molybdenum	96-1	3185898	3314388	3264207	3254831	1.99	cps
Molybdenum	97-1	1865926	1912418	1867728	1882024	1.40	cps
Molybdenum	98-1	4752459	4839164	4755466	4782363	1.03	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	10858	10534	10804	10732	1.62	cps
Phosphorus	31-2	129155	128046	128592	128597	0.43	cps
Potassium	39-2	4563407	4638086	4618963	4606819	0.84	cps
Rhodium	103-1	3846696	3816241	3749891	3804276	1.30	cps
Rhodium	103-2	1697205	1659934	1531535	1629558	5.33	cps
Scandium	45-1	2839369	2807679	2758280	2801776	1.46	cps
Scandium	45-2	95424	93897	87998	92440	4.24	cps
Selenium	82-1	873	1207	1035	1038	16.06	cps
Selenium	77-2	27	30	37	31	16.37	cps
Selenium	78-2	135	131	145	137	5.27	cps
Silicon	28-1	1352259	1337765	1334856	1341627	0.69	cps
Silver	109-1	66109	67792	66143	66682	1.44	cps
Silver	107-1	69869	72030	71645	71181	1.62	cps
Sodium	23-2	11657093	11801407	11929958	11796153	1.16	cps
Strontium	86-1	94729	98521	93755	95668	2.63	cps
Strontium	88-1	792426	806979	800429	799945	0.91	cps
Sulfur	34-1	1566227	1606606	1583135	1585323	1.28	cps
Terbium	159-1	4593189	4400912	4363170	4452424	2.77	cps
Terbium	159-2	1921638	1884668	1719542	1841949	5.84	cps
Thallium	203-1	38767	41676	41768	40737	4.19	cps
Thallium	205-1	96029	94897	95559	95495	0.60	cps
Tin	118-1	124438	129274	128081	127264	1.98	cps
Titanium	47-1	917247	944479	948450	936726	1.81	cps
Uranium	238-1	307325	312493	314440	311419	1.18	cps
Vanadium	51-2	14451	14801	14811	14688	1.40	cps
Yttrium	89-1	7713877	7484929	7435988	7544931	1.97	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 15:54:19	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	768153	768222	700619	745665	5.23	cps
Zinc	66-2	4991	4884	5158	5011	2.75	cps
Zirconium	90-1	299462	304655	301007	301708	0.88	cps
Zirconium	91-1	65915	68058	66719	66897	1.62	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:09:04	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	901052	887876	896310	895079	0.75	cps
Antimony	121-1	1463899	1512170	1522902	1499657	2.10	cps
Arsenic	75-2	51853	51760	51897	51837	0.13	cps
Barium	135-1	1517805	1561899	1569474	1549726	1.80	cps
Barium	137-1	2602122	2700435	2691108	2664555	2.04	cps
Beryllium	9-1	352108	360163	365266	359179	1.85	cps
Bismuth	209-1	2061641	2211691	2177496	2150276	3.66	cps
Bismuth	209-2	1223407	1218506	1219977	1220630	0.21	cps
Boron	10-1	25094	28314	30169	27859	9.22	cps
Boron	11-1	124981	137321	146552	136284	7.94	cps
Bromine	81-1	3614	3404	3164	3394	6.64	cps
Cadmium	111-1	322192	330569	333055	328606	1.73	cps
Cadmium	106-1	34076	37034	37268	36126	4.92	cps
Cadmium	108-1	24125	24359	24801	24429	1.41	cps
Calcium	43-1	1912732	1926564	1948209	1929168	0.93	cps
Calcium	44-1	31609752	31978737	32227678	31938723	0.97	cps
Chromium	52-2	415727	415349	419464	416847	0.55	cps
Cobalt	59-2	717420	714863	726240	719508	0.83	cps
Copper	63-2	5106252	5182988	5114968	5134736	0.82	cps
Dysprosium	156-1	117	92	92	100	14.43	cps
Dysprosium	156-2	47	50	50	49	3.93	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	23	0	10	120.16	cps
Gadolinium	160-1	133	58	92	94	39.79	cps
Gadolinium	160-2	77	67	57	67	15.00	cps
Holmium	165-1	3619178	3944845	3893021	3819015	4.58	cps
Holmium	165-2	1754034	1714540	1753719	1740764	1.30	cps
Indium	115-1	3453132	3748918	3655502	3619184	4.18	cps
Indium	115-2	534581	533486	528281	532116	0.63	cps
Iron	54-2	4102733	4168933	4144431	4138699	0.81	cps
Iron	56-2	74295088	73183977	74115241	73864768	0.81	cps
Iron	57-2	1913255	1912832	1880250	1902113	1.00	cps
Krypton	83-1	2024	1933	1973	1977	2.28	cps
Lead	206-1	3804432	3965238	3906003	3891891	2.09	cps
Lead	207-1	3357153	3559251	3521386	3479263	3.09	cps
Lead	208-1	15250688	15843026	15710511	15601408	1.99	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:09:04	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1205575	1241655	1265137	1237456	2.42	cps
Magnesium	24-2	14272015	14186766	14242632	14233804	0.30	cps
Manganese	55-2	1908088	1927390	1967559	1934346	1.57	cps
Molybdenum	94-1	2818899	2952882	2884054	2885279	2.32	cps
Molybdenum	95-1	3406153	3503334	3518066	3475851	1.75	cps
Molybdenum	96-1	3818785	3894344	3928645	3880591	1.45	cps
Molybdenum	97-1	2086547	2155972	2194641	2145720	2.55	cps
Molybdenum	98-1	5296725	5565235	5562180	5474713	2.82	cps
Neodymium	150-1	60	67	80	69	14.78	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	193271	192143	193606	193007	0.40	cps
Phosphorus	31-2	12506	12547	12122	12392	1.89	cps
Potassium	39-2	5505977	5442573	5518428	5488993	0.74	cps
Rhodium	103-1	3256304	3528421	3547758	3444161	4.73	cps
Rhodium	103-2	1564294	1566097	1524888	1551760	1.50	cps
Scandium	45-1	2464811	2674101	2531891	2556934	4.18	cps
Scandium	45-2	89993	89282	89637	89637	0.40	cps
Selenium	82-1	22907	23488	23644	23346	1.66	cps
Selenium	77-2	757	657	730	714	7.25	cps
Selenium	78-2	2306	2288	2309	2301	0.49	cps
Silicon	28-1	2198520	2419835	2501583	2373312	6.61	cps
Silver	109-1	1534504	1574959	1555306	1554923	1.30	cps
Silver	107-1	1636264	1658072	1653585	1649307	0.70	cps
Sodium	23-2	27251414	27244214	27502127	27332585	0.54	cps
Strontium	86-1	469090	485501	489942	481511	2.28	cps
Strontium	88-1	3985576	4051438	4115669	4050894	1.61	cps
Sulfur	34-1	663479	668604	672466	668183	0.67	cps
Terbium	159-1	3962165	4227781	4101252	4097066	3.24	cps
Terbium	159-2	1769962	1765799	1747270	1761010	0.69	cps
Thallium	203-1	890250	914137	926189	910192	2.01	cps
Thallium	205-1	2083713	2115214	2192761	2130563	2.63	cps
Tin	118-1	1035397	1078667	1084051	1066038	2.50	cps
Titanium	47-1	1029253	1051700	1062039	1047664	1.60	cps
Uranium	238-1	2595818	2684682	2676767	2652422	1.85	cps
Vanadium	51-2	344791	344832	348652	346092	0.64	cps
Yttrium	89-1	6630564	7102736	6998041	6910447	3.59	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:09:04	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	713565	703654	708929	708716	0.70	cps
Zinc	66-2	678009	679980	684817	680935	0.51	cps
Zirconium	90-1	2385282	2430193	2459619	2425032	1.54	cps
Zirconium	91-1	544394	550737	549254	548128	0.61	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:16:39	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	391	350	386	8.81	cps
Antimony	121-1	158	192	175	175	9.52	cps
Arsenic	75-2	7	6	4	6	26.96	cps
Barium	135-1	17	50	25	31	56.77	cps
Barium	137-1	58	58	33	50	28.87	cps
Beryllium	9-1	162	178	174	171	4.86	cps
Bismuth	209-1	2056572	1804069	2065317	1975320	7.51	cps
Bismuth	209-2	1221842	1215276	1215071	1217396	0.32	cps
Boron	10-1	1170	1124	1084	1126	3.82	cps
Boron	11-1	5756	5620	5320	5565	4.01	cps
Bromine	81-1	3204	3334	2843	3127	8.13	cps
Cadmium	111-1	795	885	1068	916	15.23	cps
Cadmium	106-1	1133	1258	1517	1303	15.01	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	225	234	187	215	11.40	cps
Calcium	44-1	15147	14923	14918	14996	0.87	cps
Chromium	52-2	620	660	603	628	4.64	cps
Cobalt	59-2	50	63	107	73	40.40	cps
Copper	63-2	1085	1034	1059	1059	2.39	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	3547438	3181510	3516779	3415242	5.94	cps
Holmium	165-2	1734865	1716242	1713785	1721631	0.67	cps
Indium	115-1	3452981	3101011	3460698	3338230	6.16	cps
Indium	115-2	530609	532689	531789	531696	0.20	cps
Iron	54-2	411	450	433	431	4.52	cps
Iron	56-2	3656	3923	4101	3893	5.75	cps
Iron	57-2	117	122	178	139	24.33	cps
Krypton	83-1	1923	1947	1980	1950	1.46	cps
Lead	206-1	533	572	472	526	9.58	cps
Lead	207-1	478	472	500	483	3.04	cps
Lead	208-1	2083	2200	1978	2087	5.33	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:16:39	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1202943	1094816	1215673	1171144	5.67	cps
Magnesium	24-2	775	842	817	811	4.15	cps
Manganese	55-2	170	157	147	158	7.42	cps
Molybdenum	94-1	142	167	100	136	24.74	cps
Molybdenum	95-1	67	42	58	56	22.91	cps
Molybdenum	96-1	183	75	150	136	40.77	cps
Molybdenum	97-1	50	58	8	39	68.89	cps
Molybdenum	98-1	75	150	67	97	47.21	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	150	137	138	8.50	cps
Phosphorus	31-2	83	67	108	86	24.35	cps
Potassium	39-2	25156	24588	25106	24950	1.26	cps
Rhodium	103-1	3361615	2983569	3423244	3256142	7.31	cps
Rhodium	103-2	1592425	1551984	1570323	1571577	1.29	cps
Scandium	45-1	2391745	2130923	2411740	2311469	6.78	cps
Scandium	45-2	85720	86414	85630	85921	0.50	cps
Selenium	82-1	-17	46	-54	-8	-598.54	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	39	41	31	37	14.30	cps
Silicon	28-1	1211636	1200514	1209812	1207320	0.49	cps
Silver	109-1	75	83	58	72	17.63	cps
Silver	107-1	58	117	108	94	33.41	cps
Sodium	23-2	37073	36413	37022	36836	1.00	cps
Strontium	86-1	2800	3150	3134	3028	6.52	cps
Strontium	88-1	158	125	167	150	14.70	cps
Sulfur	34-1	539548	537919	540929	539465	0.28	cps
Terbium	159-1	3797966	3376259	3911689	3695305	7.63	cps
Terbium	159-2	1720219	1716651	1690332	1709067	0.96	cps
Thallium	203-1	233	217	292	247	15.93	cps
Thallium	205-1	633	508	525	556	12.22	cps
Tin	118-1	242	217	183	214	13.68	cps
Titanium	47-1	308	300	383	331	13.88	cps
Uranium	238-1	50	33	17	33	50.00	cps
Vanadium	51-2	13	33	10	19	66.81	cps
Yttrium	89-1	6479274	5752323	6503232	6244943	6.83	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:16:39	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	686102	686887	692774	688588	0.53	cps
Zinc	66-2	87	90	77	84	8.22	cps
Zirconium	90-1	267	317	258	281	11.25	cps
Zirconium	91-1	75	50	67	64	19.92	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:19:43	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	756	717	670	715	6.05	cps
Antimony	121-1	6152	5668	5826	5882	4.19	cps
Arsenic	75-2	116	97	116	110	10.00	cps
Barium	135-1	6535	5510	6435	6160	9.18	cps
Barium	137-1	10404	10488	10479	10457	0.44	cps
Beryllium	9-1	816	782	820	806	2.59	cps
Bismuth	209-1	2107557	2055567	2098997	2087374	1.34	cps
Bismuth	209-2	1240679	1227938	1229675	1232764	0.56	cps
Boron	10-1	1702	1940	2116	1919	10.83	cps
Boron	11-1	8641	9401	9753	9265	6.14	cps
Bromine	81-1	3304	3214	3384	3300	2.58	cps
Cadmium	111-1	1746	1759	1760	1755	0.46	cps
Cadmium	106-1	1442	1433	1483	1453	1.84	cps
Cadmium	108-1	79	33	71	61	39.96	cps
Calcium	43-1	3950	3923	3958	3943	0.47	cps
Calcium	44-1	77335	78006	78723	78021	0.89	cps
Chromium	52-2	2317	2224	2337	2292	2.64	cps
Cobalt	59-2	1520	1413	1547	1493	4.72	cps
Copper	63-2	3083	3231	2885	3066	5.65	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	3662240	3694237	3576080	3644186	1.68	cps
Holmium	165-2	1699832	1711301	1705202	1705445	0.34	cps
Indium	115-1	3601045	3546457	3525398	3557633	1.10	cps
Indium	115-2	531003	529806	535596	532135	0.57	cps
Iron	54-2	2006	2150	2078	2078	3.48	cps
Iron	56-2	33801	34007	33283	33697	1.11	cps
Iron	57-2	867	950	1000	939	7.17	cps
Krypton	83-1	1960	1977	1830	1922	4.18	cps
Lead	206-1	1856	2061	1872	1930	5.92	cps
Lead	207-1	1650	1756	1483	1630	8.42	cps
Lead	208-1	7279	7679	7145	7368	3.77	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:19:43	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1232234	1197585	1216699	1215506	1.43	cps
Magnesium	24-2	28320	28620	28470	28470	0.53	cps
Manganese	55-2	500	520	523	514	2.45	cps
Molybdenum	94-1	5460	5793	5843	5699	3.66	cps
Molybdenum	95-1	7102	7110	6577	6930	4.41	cps
Molybdenum	96-1	7661	7652	7219	7511	3.37	cps
Molybdenum	97-1	4493	3959	4017	4156	7.04	cps
Molybdenum	98-1	10796	11397	11121	11105	2.71	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	457	493	587	512	13.09	cps
Phosphorus	31-2	133	100	92	108	20.35	cps
Potassium	39-2	44845	45940	45112	45299	1.26	cps
Rhodium	103-1	3480604	3410972	3425069	3438882	1.07	cps
Rhodium	103-2	1600017	1550908	1603492	1584806	1.86	cps
Scandium	45-1	2407431	2442571	2391330	2413777	1.09	cps
Scandium	45-2	85301	85951	85713	85655	0.38	cps
Selenium	82-1	224	284	373	293	25.47	cps
Selenium	77-2	7	3	23	11	96.43	cps
Selenium	78-2	57	75	54	62	18.32	cps
Silicon	28-1	1224295	1203010	1198846	1208717	1.13	cps
Silver	109-1	3159	3159	2842	3053	5.99	cps
Silver	107-1	3142	3209	3409	3253	4.27	cps
Sodium	23-2	89264	88199	89306	88923	0.71	cps
Strontium	86-1	3784	3834	3826	3815	0.70	cps
Strontium	88-1	8028	8169	8194	8130	1.11	cps
Sulfur	34-1	537606	537029	541273	538636	0.43	cps
Terbium	159-1	3888237	3895525	3990350	3924704	1.45	cps
Terbium	159-2	1704441	1708175	1704817	1705811	0.12	cps
Thallium	203-1	1884	2117	2025	2009	5.85	cps
Thallium	205-1	4559	4359	4918	4612	6.14	cps
Tin	118-1	10337	10312	10538	10396	1.19	cps
Titanium	47-1	2250	2159	2492	2300	7.49	cps
Uranium	238-1	4676	5051	4985	4904	4.08	cps
Vanadium	51-2	3300	3384	3254	3313	1.99	cps
Yttrium	89-1	6583807	6422575	6548196	6518193	1.30	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:19:43	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	695079	692280	694932	694097	0.23	cps
Zinc	66-2	327	307	410	348	15.76	cps
Zirconium	90-1	4676	5026	5084	4929	4.48	cps
Zirconium	91-1	1125	992	1092	1070	6.49	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:37:25 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	486	495	436	472	6.71	cps
Antimony	121-1	683	808	683	725	9.95	cps
Arsenic	75-2	36	23	30	30	21.93	cps
Barium	135-1	642	817	967	808	20.12	cps
Barium	137-1	1358	1383	1233	1325	6.07	cps
Beryllium	9-1	268	226	218	237	11.32	cps
Bismuth	209-1	2150177	2094890	2014924	2086664	3.26	cps
Bismuth	209-2	1227225	1226928	1225387	1226514	0.08	cps
Boron	10-1	372	310	372	351	10.19	cps
Boron	11-1	1786	1660	1744	1730	3.71	cps
Bromine	81-1	3394	3084	3114	3197	5.35	cps
Cadmium	111-1	1067	1095	1013	1058	3.94	cps
Cadmium	106-1	1217	1292	1242	1250	3.06	cps
Cadmium	108-1	38	25	21	28	31.23	cps
Calcium	43-1	410	444	435	430	4.08	cps
Calcium	44-1	18402	18337	18458	18399	0.33	cps
Chromium	52-2	890	783	920	864	8.31	cps
Cobalt	59-2	510	303	433	416	25.14	cps
Copper	63-2	1086	1111	1146	1115	2.69	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	0	25	33	19	89.22	cps
Gadolinium	160-2	3	13	20	12	68.66	cps
Holmium	165-1	3688883	3606668	3605597	3633716	1.31	cps
Holmium	165-2	1690255	1702187	1723598	1705347	0.99	cps
Indium	115-1	3596952	3523636	3586476	3569021	1.11	cps
Indium	115-2	526480	533318	529545	529781	0.65	cps
Iron	54-2	833	822	811	822	1.35	cps
Iron	56-2	11032	10410	10621	10688	2.96	cps
Iron	57-2	344	283	306	311	9.94	cps
Krypton	83-1	2070	2060	1967	2032	2.80	cps
Lead	206-1	644	661	728	678	6.51	cps
Lead	207-1	678	656	689	674	2.52	cps
Lead	208-1	2972	2906	2956	2945	1.18	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:37:25 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1233299	1214537	1217763	1221867	0.82	cps
Magnesium	24-2	1984	2134	1959	2025	4.67	cps
Manganese	55-2	240	333	220	264	22.88	cps
Molybdenum	94-1	1225	1358	1225	1270	6.06	cps
Molybdenum	95-1	1650	1608	1367	1542	9.92	cps
Molybdenum	96-1	1708	1467	1575	1583	7.65	cps
Molybdenum	97-1	800	917	983	900	10.31	cps
Molybdenum	98-1	2300	2375	2417	2364	2.50	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	233	190	243	222	12.76	cps
Phosphorus	31-2	100	192	158	150	30.93	cps
Potassium	39-2	24021	23695	24346	24020	1.36	cps
Rhodium	103-1	3475347	3447621	3421000	3447989	0.79	cps
Rhodium	103-2	1557825	1559067	1565808	1560900	0.28	cps
Scandium	45-1	2489933	2514418	2459379	2487910	1.11	cps
Scandium	45-2	86119	86636	85422	86059	0.71	cps
Selenium	82-1	92	267	333	231	54.11	cps
Selenium	77-2	3	3	20	9	108.30	cps
Selenium	78-2	66	63	72	67	6.84	cps
Silicon	28-1	1189597	1177651	1219340	1195529	1.80	cps
Silver	109-1	608	667	642	639	4.58	cps
Silver	107-1	767	800	650	739	10.66	cps
Sodium	23-2	36062	36438	35168	35889	1.82	cps
Strontium	86-1	3351	3542	3526	3473	3.06	cps
Strontium	88-1	2167	2509	2359	2345	7.31	cps
Sulfur	34-1	542693	545494	541101	543096	0.41	cps
Terbium	159-1	3975651	4022983	3861302	3953312	2.10	cps
Terbium	159-2	1714984	1716576	1716727	1716096	0.06	cps
Thallium	203-1	525	442	458	475	9.28	cps
Thallium	205-1	1267	1258	1292	1272	1.36	cps
Tin	118-1	842	800	683	775	10.59	cps
Titanium	47-1	708	692	867	756	12.78	cps
Uranium	238-1	1308	1400	1275	1328	4.88	cps
Vanadium	51-2	160	130	170	153	13.58	cps
Yttrium	89-1	6669010	6641304	6423097	6577804	2.05	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:37:25	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	681827	689977	682684	684829	0.65	cps
Zinc	66-2	193	127	117	146	28.63	cps
Zirconium	90-1	1492	1500	1275	1422	8.97	cps
Zirconium	91-1	267	367	325	319	15.72	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT4-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:40:16 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	704	697	684	4.30	cps
Antimony	121-1	2309	2309	2517	2378	5.06	cps
Arsenic	75-2	92	101	93	95	5.17	cps
Barium	135-1	2292	2392	2275	2320	2.72	cps
Barium	137-1	3717	3984	4059	3920	4.58	cps
Beryllium	9-1	570	618	638	609	5.74	cps
Bismuth	209-1	2094373	2125883	2112421	2110892	0.75	cps
Bismuth	209-2	1253479	1273910	1269383	1265591	0.85	cps
Boron	10-1	306	322	312	313	2.58	cps
Boron	11-1	1626	1594	1596	1605	1.12	cps
Bromine	81-1	3264	3384	3194	3280	2.93	cps
Cadmium	111-1	1409	1341	1405	1385	2.74	cps
Cadmium	106-1	1392	1242	1333	1322	5.72	cps
Cadmium	108-1	46	46	58	50	14.43	cps
Calcium	43-1	815	861	820	832	3.05	cps
Calcium	44-1	24929	24796	25113	24946	0.64	cps
Chromium	52-2	1287	1363	1207	1286	6.09	cps
Cobalt	59-2	1303	1197	1307	1269	4.93	cps
Copper	63-2	2201	2276	2471	2316	6.02	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	3683369	3649926	3643787	3659027	0.58	cps
Holmium	165-2	1711710	1749275	1747825	1736270	1.23	cps
Indium	115-1	3580109	3541191	3576535	3565945	0.60	cps
Indium	115-2	538907	552982	544542	545477	1.30	cps
Iron	54-2	1661	1583	1711	1652	3.90	cps
Iron	56-2	27343	27933	27177	27484	1.45	cps
Iron	57-2	772	722	667	720	7.33	cps
Krypton	83-1	2020	2003	2090	2038	2.26	cps
Lead	206-1	1483	1422	1550	1485	4.30	cps
Lead	207-1	1439	1378	1300	1372	5.07	cps
Lead	208-1	6156	6012	6123	6097	1.24	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:40:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1197065	1198327	1181038	1192143	0.81	cps
Magnesium	24-2	5518	5701	5601	5607	1.64	cps
Manganese	55-2	657	707	797	720	9.85	cps
Molybdenum	94-1	3292	3851	4234	3792	12.49	cps
Molybdenum	95-1	4468	5068	4459	4665	7.48	cps
Molybdenum	96-1	5068	4968	5259	5098	2.91	cps
Molybdenum	97-1	2825	2700	2892	2806	3.47	cps
Molybdenum	98-1	7027	7544	6952	7174	4.49	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	420	483	463	456	7.11	cps
Phosphorus	31-2	108	133	108	117	12.37	cps
Potassium	39-2	25072	26166	26775	26004	3.32	cps
Rhodium	103-1	3401579	3421469	3453816	3425622	0.77	cps
Rhodium	103-2	1610493	1641707	1598132	1616777	1.39	cps
Scandium	45-1	2418308	2464215	2448640	2443721	0.96	cps
Scandium	45-2	85931	88980	88064	87658	1.78	cps
Selenium	82-1	157	132	-53	79	145.73	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	55	46	66	56	18.00	cps
Silicon	28-1	1212251	1233525	1198702	1214826	1.44	cps
Silver	109-1	2550	2567	2659	2592	2.25	cps
Silver	107-1	2717	2659	2700	2692	1.12	cps
Sodium	23-2	41426	40156	41526	41036	1.86	cps
Strontium	86-1	4201	3984	3851	4012	4.40	cps
Strontium	88-1	6802	7185	7344	7110	3.92	cps
Sulfur	34-1	545505	545277	545219	545334	0.03	cps
Terbium	159-1	3944304	3852014	3900061	3898793	1.18	cps
Terbium	159-2	1743161	1781787	1786882	1770610	1.35	cps
Thallium	203-1	1342	1267	1350	1320	3.48	cps
Thallium	205-1	3526	3851	3667	3681	4.43	cps
Tin	118-1	1725	1925	1984	1878	7.22	cps
Titanium	47-1	1633	1533	1708	1625	5.40	cps
Uranium	238-1	3942	3667	4109	3906	5.71	cps
Vanadium	51-2	533	593	520	549	7.12	cps
Yttrium	89-1	6555856	6565162	6549680	6556899	0.12	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:40:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	702502	714894	705746	707714	0.91	cps
Zinc	66-2	303	293	287	294	2.85	cps
Zirconium	90-1	3934	3751	4059	3915	3.96	cps
Zirconium	91-1	883	933	925	914	2.93	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:43:09 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424	511	487	474	9.54	cps
Antimony	121-1	883	842	708	811	11.27	cps
Arsenic	75-2	32	50	26	36	34.71	cps
Barium	135-1	775	908	708	797	12.77	cps
Barium	137-1	1308	1358	1367	1345	2.35	cps
Beryllium	9-1	244	274	264	261	5.86	cps
Bismuth	209-1	2126353	2151115	2106214	2127894	1.06	cps
Bismuth	209-2	1250418	1158679	1200105	1203067	3.82	cps
Boron	10-1	330	314	272	305	9.81	cps
Boron	11-1	1344	1302	1304	1316	1.80	cps
Bromine	81-1	2993	3154	3144	3097	2.90	cps
Cadmium	111-1	1178	1147	1103	1143	3.28	cps
Cadmium	106-1	1417	1425	1317	1386	4.35	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	452	435	447	445	2.03	cps
Calcium	44-1	18098	18309	18402	18270	0.85	cps
Chromium	52-2	820	873	733	809	8.74	cps
Cobalt	59-2	497	433	410	447	10.04	cps
Copper	63-2	1144	1119	1177	1147	2.52	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	0	8	173.21	cps
Erbium	164-2	0	0	17	6	173.21	cps
Gadolinium	160-1	42	8	25	25	66.68	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	3574403	3708799	3721773	3668325	2.22	cps
Holmium	165-2	1741863	1600860	1686182	1676302	4.24	cps
Indium	115-1	3568776	3621785	3618768	3603110	0.83	cps
Indium	115-2	538010	498373	524665	520350	3.88	cps
Iron	54-2	817	772	817	802	3.20	cps
Iron	56-2	10732	10682	11004	10806	1.61	cps
Iron	57-2	367	222	317	302	24.30	cps
Krypton	83-1	2100	1980	1883	1988	5.46	cps
Lead	206-1	822	806	689	772	9.41	cps
Lead	207-1	650	639	833	707	15.44	cps
Lead	208-1	2828	3078	3289	3065	7.53	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:43:09 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1217497	1202597	1203744	1207946	0.69	cps
Magnesium	24-2	2275	2284	1884	2147	10.65	cps
Manganese	55-2	283	247	323	284	13.48	cps
Molybdenum	94-1	1308	1275	1317	1300	1.70	cps
Molybdenum	95-1	1333	1608	1433	1458	9.55	cps
Molybdenum	96-1	1608	1608	1742	1653	4.66	cps
Molybdenum	97-1	725	967	775	822	15.52	cps
Molybdenum	98-1	2367	2434	2359	2386	1.72	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	193	253	230	13.98	cps
Phosphorus	31-2	117	25	125	89	62.42	cps
Potassium	39-2	23512	24905	24096	24171	2.90	cps
Rhodium	103-1	3529559	3426358	3504763	3486894	1.54	cps
Rhodium	103-2	1605853	1464062	1541597	1537171	4.62	cps
Scandium	45-1	2468760	2532445	2538487	2513231	1.54	cps
Scandium	45-2	86304	81125	85586	84338	3.33	cps
Selenium	82-1	36	266	248	183	69.84	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	55	62	53	57	8.34	cps
Silicon	28-1	1222494	1199301	1212170	1211322	0.96	cps
Silver	109-1	575	800	675	683	16.50	cps
Silver	107-1	767	900	833	833	8.00	cps
Sodium	23-2	34333	34608	34433	34458	0.40	cps
Strontium	86-1	3351	3250	3509	3370	3.87	cps
Strontium	88-1	2309	2609	2342	2420	6.80	cps
Sulfur	34-1	547390	545670	542172	545077	0.49	cps
Terbium	159-1	3921227	3982331	3940410	3947989	0.79	cps
Terbium	159-2	1725586	1574887	1692752	1664409	4.76	cps
Thallium	203-1	550	417	517	494	14.03	cps
Thallium	205-1	1150	1192	1283	1208	5.65	cps
Tin	118-1	692	725	783	733	6.33	cps
Titanium	47-1	900	825	792	839	6.61	cps
Uranium	238-1	1308	1375	1200	1295	6.82	cps
Vanadium	51-2	203	203	170	192	10.01	cps
Yttrium	89-1	6595459	6641011	6620981	6619151	0.34	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:43:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	701217	646450	683288	676985	4.12	cps
Zinc	66-2	153	147	163	154	5.43	cps
Zirconium	90-1	1367	1342	1442	1383	3.76	cps
Zirconium	91-1	342	308	350	333	6.61	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:46:00 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687	680	677	682	0.76	cps
Antimony	121-1	2467	2550	2567	2528	2.12	cps
Arsenic	75-2	80	86	101	89	12.15	cps
Barium	135-1	2834	2600	2625	2686	4.77	cps
Barium	137-1	4276	4626	4468	4456	3.93	cps
Beryllium	9-1	580	588	710	626	11.64	cps
Bismuth	209-1	2091144	2004124	2154147	2083138	3.62	cps
Bismuth	209-2	1258437	1249435	1231984	1246619	1.08	cps
Boron	10-1	294	316	292	301	4.43	cps
Boron	11-1	1334	1386	1438	1386	3.75	cps
Bromine	81-1	3033	3043	3324	3134	5.26	cps
Cadmium	111-1	1405	1522	1514	1480	4.43	cps
Cadmium	106-1	1400	1358	1492	1417	4.82	cps
Cadmium	108-1	54	71	38	54	30.77	cps
Calcium	43-1	829	896	942	889	6.43	cps
Calcium	44-1	25319	25620	26156	25698	1.65	cps
Chromium	52-2	1290	1310	1327	1309	1.40	cps
Cobalt	59-2	1390	1137	1283	1270	10.02	cps
Copper	63-2	2365	2175	2312	2284	4.29	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	0	8	42	17	132.30	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	17	0	3	7	132.33	cps
Holmium	165-1	3607400	3410114	3695165	3570893	4.09	cps
Holmium	165-2	1734843	1730473	1708830	1724715	0.81	cps
Indium	115-1	3509895	3280902	3672884	3487894	5.65	cps
Indium	115-2	542344	543708	527639	537897	1.66	cps
Iron	54-2	1728	1984	1683	1798	9.00	cps
Iron	56-2	28724	28261	27866	28284	1.52	cps
Iron	57-2	817	722	706	748	8.01	cps
Krypton	83-1	1973	1997	1923	1965	1.91	cps
Lead	206-1	1511	1628	1583	1574	3.74	cps
Lead	207-1	1589	1561	1450	1533	4.79	cps
Lead	208-1	6567	6612	6479	6553	1.04	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:46:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1160452	1186126	1234885	1193821	3.17	cps
Magnesium	24-2	5351	5451	5126	5309	3.14	cps
Manganese	55-2	690	693	683	689	0.74	cps
Molybdenum	94-1	4209	4184	4217	4204	0.41	cps
Molybdenum	95-1	4326	4876	4759	4654	6.23	cps
Molybdenum	96-1	5026	5284	5518	5276	4.66	cps
Molybdenum	97-1	2984	2717	2817	2839	4.75	cps
Molybdenum	98-1	7878	7452	8086	7805	4.14	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	517	493	430	480	9.34	cps
Phosphorus	31-2	167	200	133	167	20.00	cps
Potassium	39-2	25381	26199	25515	25698	1.71	cps
Rhodium	103-1	3420281	3213058	3520217	3384519	4.63	cps
Rhodium	103-2	1618046	1638190	1548540	1601592	2.94	cps
Scandium	45-1	2493965	2295581	2493924	2427823	4.72	cps
Scandium	45-2	88289	87924	86914	87709	0.81	cps
Selenium	82-1	148	180	356	228	49.17	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	55	52	61	56	8.18	cps
Silicon	28-1	1211530	1214549	1206513	1210864	0.34	cps
Silver	109-1	2875	2425	3100	2800	12.28	cps
Silver	107-1	3059	3000	3117	3059	1.91	cps
Sodium	23-2	39972	40273	40415	40220	0.56	cps
Strontium	86-1	3826	4209	3951	3995	4.89	cps
Strontium	88-1	7802	7469	7894	7722	2.90	cps
Sulfur	34-1	547426	546470	550480	548125	0.38	cps
Terbium	159-1	3895007	3692495	4112629	3900044	5.39	cps
Terbium	159-2	1780899	1735421	1750716	1755679	1.32	cps
Thallium	203-1	1608	1675	1492	1592	5.83	cps
Thallium	205-1	3576	3976	3776	3776	5.30	cps
Tin	118-1	1725	1675	1633	1678	2.74	cps
Titanium	47-1	1792	1942	1800	1845	4.57	cps
Uranium	238-1	3901	4051	4493	4148	7.42	cps
Vanadium	51-2	637	527	507	557	12.58	cps
Yttrium	89-1	6513499	6114324	6702762	6443529	4.66	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:46:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	702480	707134	683397	697670	1.80	cps
Zinc	66-2	277	333	287	299	10.12	cps
Zirconium	90-1	4059	4251	4326	4212	3.27	cps
Zirconium	91-1	775	975	950	900	12.11	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:51:44	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	770	800	744	771	3.65	cps
Antimony	121-1	3100	2959	3100	3053	2.68	cps
Arsenic	75-2	112	114	124	117	5.51	cps
Barium	135-1	3159	3000	3117	3092	2.65	cps
Barium	137-1	5118	5243	5385	5248	2.54	cps
Beryllium	9-1	718	734	716	723	1.37	cps
Bismuth	209-1	2050437	2067748	2074925	2064370	0.61	cps
Bismuth	209-2	1248275	1228729	1233981	1236995	0.82	cps
Boron	10-1	256	276	268	267	3.78	cps
Boron	11-1	1256	1182	1196	1211	3.25	cps
Bromine	81-1	2863	3043	3063	2990	3.69	cps
Cadmium	111-1	1626	1492	1590	1569	4.42	cps
Cadmium	106-1	1467	1333	1408	1403	4.77	cps
Cadmium	108-1	79	42	42	54	39.97	cps
Calcium	43-1	991	965	966	974	1.52	cps
Calcium	44-1	26987	27434	27896	27439	1.66	cps
Chromium	52-2	1440	1423	1470	1445	1.64	cps
Cobalt	59-2	1487	1500	1517	1501	1.00	cps
Copper	63-2	2834	2740	2600	2725	4.33	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	3573956	3619445	3635578	3609660	0.89	cps
Holmium	165-2	1750216	1680687	1699381	1710095	2.10	cps
Indium	115-1	3523228	3555139	3498066	3525478	0.81	cps
Indium	115-2	542218	525956	526495	531556	1.74	cps
Iron	54-2	1911	2195	1900	2002	8.34	cps
Iron	56-2	33957	32409	32821	33063	2.42	cps
Iron	57-2	861	867	989	906	7.98	cps
Krypton	83-1	1830	1937	1953	1907	3.51	cps
Lead	206-1	1706	1728	1839	1758	4.07	cps
Lead	207-1	1578	1578	1806	1654	7.95	cps
Lead	208-1	6968	6734	7434	7045	5.06	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-09RE Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:51:44 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1194442	1166301	1245139	1201960	3.32	cps
Magnesium	24-2	6585	6443	6277	6435	2.40	cps
Manganese	55-2	817	817	783	806	2.39	cps
Molybdenum	94-1	4851	4851	5234	4979	4.45	cps
Molybdenum	95-1	5876	5868	5501	5749	3.73	cps
Molybdenum	96-1	6427	6010	6193	6210	3.36	cps
Molybdenum	97-1	3476	3567	4042	3695	8.23	cps
Molybdenum	98-1	8761	9195	9170	9042	2.69	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	537	513	490	513	4.54	cps
Phosphorus	31-2	133	125	183	147	21.43	cps
Potassium	39-2	26892	25757	25348	25999	3.08	cps
Rhodium	103-1	3366068	3388118	3415141	3389776	0.73	cps
Rhodium	103-2	1594367	1580958	1545101	1573475	1.62	cps
Scandium	45-1	2448918	2414969	2454169	2439352	0.87	cps
Scandium	45-2	88343	85351	85087	86260	2.10	cps
Selenium	82-1	276	240	223	246	10.99	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	54	56	53	54	2.81	cps
Silicon	28-1	1200443	1209240	1237875	1215853	1.61	cps
Silver	109-1	2492	2634	2617	2581	3.00	cps
Silver	107-1	2692	3075	3017	2928	7.06	cps
Sodium	23-2	43390	41585	42429	42468	2.13	cps
Strontium	86-1	3609	4134	3776	3840	6.99	cps
Strontium	88-1	8128	8536	9387	8683	7.40	cps
Sulfur	34-1	547157	549704	551141	549334	0.37	cps
Terbium	159-1	3969846	3829134	3878824	3892601	1.83	cps
Terbium	159-2	1761147	1698511	1733598	1731085	1.81	cps
Thallium	203-1	1934	1725	1800	1820	5.80	cps
Thallium	205-1	4334	4001	4651	4329	7.51	cps
Tin	118-1	2375	2225	2250	2284	3.52	cps
Titanium	47-1	2234	1967	1959	2053	7.62	cps
Uranium	238-1	4651	4593	4568	4604	0.93	cps
Vanadium	51-2	663	687	650	667	2.78	cps
Yttrium	89-1	6434342	6397037	6557225	6462868	1.30	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:51:44	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	705481	682414	680892	689596	2.00	cps
Zinc	66-2	353	330	323	336	4.69	cps
Zirconium	90-1	4834	4584	5151	4857	5.85	cps
Zirconium	91-1	1075	1042	1083	1067	2.07	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:58:28 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470	442	485	466	4.63	cps
Antimony	121-1	767	783	933	828	11.09	cps
Arsenic	75-2	28	33	30	30	8.30	cps
Barium	135-1	742	750	817	769	5.34	cps
Barium	137-1	1342	1492	1317	1383	6.84	cps
Beryllium	9-1	298	230	280	269	13.08	cps
Bismuth	209-1	2141618	2121604	2112939	2125387	0.69	cps
Bismuth	209-2	1218281	1222115	1239869	1226755	0.94	cps
Boron	10-1	184	218	170	191	12.95	cps
Boron	11-1	872	814	914	867	5.79	cps
Bromine	81-1	3023	3254	3434	3237	6.36	cps
Cadmium	111-1	1115	1064	1080	1086	2.38	cps
Cadmium	106-1	1350	1325	1383	1353	2.16	cps
Cadmium	108-1	38	25	38	33	21.65	cps
Calcium	43-1	399	400	419	406	2.76	cps
Calcium	44-1	18068	18163	18035	18089	0.37	cps
Chromium	52-2	763	880	847	830	7.24	cps
Cobalt	59-2	463	410	457	443	6.56	cps
Copper	63-2	1022	1117	1058	1066	4.52	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	3702714	3649159	3593230	3648367	1.50	cps
Holmium	165-2	1691477	1722336	1734748	1716187	1.30	cps
Indium	115-1	3605844	3550081	3579594	3578506	0.78	cps
Indium	115-2	530874	530106	534843	531941	0.48	cps
Iron	54-2	806	750	633	730	12.05	cps
Iron	56-2	10159	10654	10259	10358	2.53	cps
Iron	57-2	278	256	250	261	5.63	cps
Krypton	83-1	2007	2077	1883	1989	4.92	cps
Lead	206-1	706	667	667	680	3.30	cps
Lead	207-1	739	678	628	682	8.17	cps
Lead	208-1	3056	2972	2872	2967	3.09	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : L4214-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 16:58:28 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1222002	1188140	1232023	1214055	1.89	cps
Magnesium	24-2	2050	2009	2292	2117	7.23	cps
Manganese	55-2	307	270	280	286	6.64	cps
Molybdenum	94-1	1267	1258	1433	1320	7.48	cps
Molybdenum	95-1	1417	1650	1683	1583	9.18	cps
Molybdenum	96-1	1542	1642	1650	1611	3.74	cps
Molybdenum	97-1	958	908	858	908	5.51	cps
Molybdenum	98-1	2200	2417	2334	2317	4.72	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	210	213	267	230	13.83	cps
Phosphorus	31-2	175	142	175	164	11.74	cps
Potassium	39-2	24004	23904	24329	24079	0.92	cps
Rhodium	103-1	3495689	3436738	3482780	3471736	0.89	cps
Rhodium	103-2	1586403	1593621	1573983	1584669	0.63	cps
Scandium	45-1	2493480	2488838	2487217	2489845	0.13	cps
Scandium	45-2	85874	86112	86720	86236	0.51	cps
Selenium	82-1	224	92	283	200	48.86	cps
Selenium	77-2	7	10	20	12	56.76	cps
Selenium	78-2	61	69	79	70	12.94	cps
Silicon	28-1	1224919	1219384	1205516	1216606	0.82	cps
Silver	109-1	792	600	683	692	13.89	cps
Silver	107-1	800	675	725	733	8.58	cps
Sodium	23-2	33957	33664	33639	33753	0.52	cps
Strontium	86-1	3275	3601	3667	3514	5.96	cps
Strontium	88-1	2167	2250	2384	2267	4.82	cps
Sulfur	34-1	548315	547237	550758	548770	0.33	cps
Terbium	159-1	3850175	3868536	3939481	3886064	1.21	cps
Terbium	159-2	1706451	1755026	1737525	1733000	1.42	cps
Thallium	203-1	475	442	550	489	11.35	cps
Thallium	205-1	1108	942	1192	1081	11.78	cps
Tin	118-1	642	750	708	700	7.81	cps
Titanium	47-1	775	692	817	761	8.36	cps
Uranium	238-1	1208	1283	1383	1292	6.80	cps
Vanadium	51-2	153	193	163	170	12.24	cps
Yttrium	89-1	6634948	6573963	6532796	6580569	0.78	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	L4214-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 16:58:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	684212	685071	693827	687703	0.77	cps
Zinc	66-2	133	133	177	148	16.93	cps
Zirconium	90-1	1417	1383	1517	1439	4.82	cps
Zirconium	91-1	317	333	358	336	6.24	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BL	Instrumnet Name :	P8
Client Sample ID :	PB133478BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:01:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362	384	339	362	6.23	cps
Antimony	121-1	33	25	42	33	25.01	cps
Arsenic	75-2	6	2	4	4	50.00	cps
Barium	135-1	100	25	42	56	70.88	cps
Barium	137-1	83	58	33	58	42.87	cps
Beryllium	9-1	94	76	84	85	10.65	cps
Bismuth	209-1	2154985	2113523	1877191	2048566	7.32	cps
Bismuth	209-2	1191310	1197407	1230185	1206301	1.73	cps
Boron	10-1	152	216	226	198	20.28	cps
Boron	11-1	760	794	796	783	2.58	cps
Bromine	81-1	3003	3164	3184	3117	3.17	cps
Cadmium	111-1	1025	989	869	961	8.50	cps
Cadmium	106-1	1467	1417	1233	1372	8.95	cps
Cadmium	108-1	21	4	4	10	98.92	cps
Calcium	43-1	282	225	237	248	12.18	cps
Calcium	44-1	15694	14837	14493	15008	4.12	cps
Chromium	52-2	597	607	580	594	2.27	cps
Cobalt	59-2	60	47	47	51	15.06	cps
Copper	63-2	588	558	591	579	3.15	cps
Dysprosium	156-1	42	0	17	19	107.85	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	3668807	3737495	3213275	3539859	8.05	cps
Holmium	165-2	1668734	1685265	1722761	1692253	1.64	cps
Indium	115-1	3637285	3567316	3108138	3437580	8.36	cps
Indium	115-2	515429	525568	532266	524421	1.62	cps
Iron	54-2	372	350	344	356	4.13	cps
Iron	56-2	2767	2700	2567	2678	3.80	cps
Iron	57-2	44	83	122	83	46.67	cps
Krypton	83-1	1853	1990	1897	1913	3.65	cps
Lead	206-1	383	317	400	367	12.03	cps
Lead	207-1	322	294	294	304	5.28	cps
Lead	208-1	1467	1317	1450	1411	5.83	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BL	Instrumnet Name :	P8
Client Sample ID :	PB133478BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:01:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1221565	1204623	1082840	1169676	6.47	cps
Magnesium	24-2	683	625	633	647	4.87	cps
Manganese	55-2	83	90	100	91	9.21	cps
Molybdenum	94-1	125	125	108	119	8.05	cps
Molybdenum	95-1	25	25	8	19	49.50	cps
Molybdenum	96-1	75	50	42	56	31.22	cps
Molybdenum	97-1	50	17	0	22	114.56	cps
Molybdenum	98-1	67	0	8	25	145.31	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	123	117	126	8.11	cps
Phosphorus	31-2	125	92	150	122	23.95	cps
Potassium	39-2	23369	23319	23595	23428	0.63	cps
Rhodium	103-1	3509351	3480169	3061287	3350269	7.48	cps
Rhodium	103-2	1515811	1564930	1577944	1552895	2.11	cps
Scandium	45-1	2598666	2538057	2258112	2464945	7.37	cps
Scandium	45-2	83956	85093	85867	84972	1.13	cps
Selenium	82-1	80	-27	111	55	132.57	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	40	33	31	35	13.63	cps
Silicon	28-1	1217894	1232463	1185802	1212053	1.97	cps
Silver	109-1	58	100	33	64	52.72	cps
Silver	107-1	58	67	75	67	12.50	cps
Sodium	23-2	31334	30900	30249	30827	1.77	cps
Strontium	86-1	3367	3225	3100	3231	4.13	cps
Strontium	88-1	242	192	142	192	26.09	cps
Sulfur	34-1	550712	550301	551777	550930	0.14	cps
Terbium	159-1	3970132	3974597	3482267	3808998	7.43	cps
Terbium	159-2	1678665	1658448	1711494	1682869	1.59	cps
Thallium	203-1	67	50	33	50	33.34	cps
Thallium	205-1	150	258	108	172	44.96	cps
Tin	118-1	208	325	292	275	21.85	cps
Titanium	47-1	417	350	292	353	17.73	cps
Uranium	238-1	58	25	0	28	105.36	cps
Vanadium	51-2	17	7	17	13	43.29	cps
Yttrium	89-1	6703854	6604276	5782132	6363421	7.95	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BL	Instrumnet Name :	P8
Client Sample ID :	PB133478BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:01:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	668613	681607	689399	679873	1.54	cps
Zinc	66-2	73	33	37	48	46.45	cps
Zirconium	90-1	267	350	217	278	24.25	cps
Zirconium	91-1	42	42	83	56	43.30	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BL	Instrumnet Name :	P8
Client Sample ID :	PB133476BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:04:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352	361	351	355	1.53	cps
Antimony	121-1	25	25	8	19	49.50	cps
Arsenic	75-2	5	8	8	7	24.74	cps
Barium	135-1	42	8	33	28	62.46	cps
Barium	137-1	42	25	42	36	26.65	cps
Beryllium	9-1	70	66	58	65	9.45	cps
Bismuth	209-1	2133238	2055248	2043678	2077388	2.34	cps
Bismuth	209-2	1221691	1213157	1241263	1225370	1.18	cps
Boron	10-1	180	186	138	168	15.57	cps
Boron	11-1	744	830	776	783	5.55	cps
Bromine	81-1	2883	3384	2893	3053	9.37	cps
Cadmium	111-1	878	957	781	872	10.10	cps
Cadmium	106-1	1250	1383	1092	1242	11.76	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	241	219	215	225	6.31	cps
Calcium	44-1	14720	14556	14446	14574	0.95	cps
Chromium	52-2	667	663	677	669	1.04	cps
Cobalt	59-2	57	60	70	62	11.15	cps
Copper	63-2	648	498	544	563	13.66	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	3607346	3573956	3569531	3583611	0.58	cps
Holmium	165-2	1686965	1681381	1744203	1704183	2.04	cps
Indium	115-1	3501878	3520429	3485418	3502575	0.50	cps
Indium	115-2	527553	529493	530388	529145	0.27	cps
Iron	54-2	317	367	322	335	8.18	cps
Iron	56-2	2650	2700	2472	2608	4.59	cps
Iron	57-2	78	89	117	94	21.21	cps
Krypton	83-1	1950	1890	2020	1953	3.33	cps
Lead	206-1	361	350	328	346	4.90	cps
Lead	207-1	311	344	272	309	11.69	cps
Lead	208-1	1456	1378	1233	1356	8.32	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BL	Instrumnet Name :	P8
Client Sample ID :	PB133476BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:04:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1197692	1186448	1157938	1180693	1.74	cps
Magnesium	24-2	625	717	725	689	8.05	cps
Manganese	55-2	80	120	70	90	29.40	cps
Molybdenum	94-1	75	167	33	92	74.42	cps
Molybdenum	95-1	33	42	25	33	25.01	cps
Molybdenum	96-1	42	58	25	42	40.00	cps
Molybdenum	97-1	0	0	42	14	173.21	cps
Molybdenum	98-1	25	25	33	28	17.31	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	103	127	106	19.04	cps
Phosphorus	31-2	92	92	92	92	0.00	cps
Potassium	39-2	24204	23987	24279	24157	0.63	cps
Rhodium	103-1	3402584	3353344	3373100	3376343	0.73	cps
Rhodium	103-2	1558166	1546291	1574385	1559614	0.90	cps
Scandium	45-1	2445426	2465019	2401805	2437417	1.33	cps
Scandium	45-2	86149	85412	85200	85587	0.58	cps
Selenium	82-1	78	163	-87	52	246.21	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	34	35	36	35	2.86	cps
Silicon	28-1	1170778	1193752	1205614	1190048	1.49	cps
Silver	109-1	25	17	17	19	24.73	cps
Silver	107-1	50	33	42	42	20.00	cps
Sodium	23-2	30582	30140	30056	30260	0.93	cps
Strontium	86-1	3109	3350	3000	3153	5.68	cps
Strontium	88-1	192	108	200	167	30.41	cps
Sulfur	34-1	554317	555360	551305	553661	0.38	cps
Terbium	159-1	3930479	3842066	3743525	3838690	2.44	cps
Terbium	159-2	1723567	1659604	1716804	1699992	2.07	cps
Thallium	203-1	67	58	58	61	7.87	cps
Thallium	205-1	92	133	175	133	31.25	cps
Tin	118-1	200	200	250	217	13.32	cps
Titanium	47-1	267	300	358	308	15.05	cps
Uranium	238-1	8	8	0	6	86.60	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	6494627	6416806	6413856	6441763	0.71	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BL	Instrumnet Name :	P8
Client Sample ID :	PB133476BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:04:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	684664	688188	683068	685307	0.38	cps
Zinc	66-2	63	57	87	69	22.87	cps
Zirconium	90-1	242	183	225	217	13.87	cps
Zirconium	91-1	67	75	33	58	37.80	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BS	Instrumnet Name :	P8
Client Sample ID :	PB133478BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:07:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188182	187114	185903	187066	0.61	cps
Antimony	121-1	1440428	1511259	1510044	1487243	2.73	cps
Arsenic	75-2	51461	51178	50758	51132	0.69	cps
Barium	135-1	1489907	1551679	1554958	1532181	2.39	cps
Barium	137-1	2551875	2654134	2730283	2645430	3.38	cps
Beryllium	9-1	336049	345592	353863	345168	2.58	cps
Bismuth	209-1	2157503	2084055	2086624	2109394	1.98	cps
Bismuth	209-2	1239687	1220231	1233927	1231282	0.81	cps
Boron	10-1	20538	24401	26495	23811	12.69	cps
Boron	11-1	98975	118978	130638	116197	13.78	cps
Bromine	81-1	3244	3043	3274	3187	3.93	cps
Cadmium	111-1	322880	333006	337103	330997	2.21	cps
Cadmium	106-1	34878	36750	34610	35413	3.29	cps
Cadmium	108-1	23583	24609	24568	24253	2.40	cps
Calcium	43-1	376903	391721	397302	388642	2.71	cps
Calcium	44-1	6182730	6395016	6449992	6342580	2.23	cps
Chromium	52-2	411461	406386	412975	410274	0.84	cps
Cobalt	59-2	724366	724263	722930	723853	0.11	cps
Copper	63-2	5184377	5230013	5181188	5198526	0.53	cps
Dysprosium	156-1	17	25	58	33	66.13	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	3664791	3651889	3761141	3692607	1.62	cps
Holmium	165-2	1732256	1756613	1766512	1751793	1.01	cps
Indium	115-1	3549390	3538201	3637923	3575171	1.53	cps
Indium	115-2	534146	526240	530905	530430	0.75	cps
Iron	54-2	863455	859051	854075	858860	0.55	cps
Iron	56-2	15272949	15245344	15465994	15328096	0.78	cps
Iron	57-2	384731	383953	384194	384293	0.10	cps
Krypton	83-1	2107	1917	1977	2000	4.86	cps
Lead	206-1	3882789	3972025	4028998	3961271	1.86	cps
Lead	207-1	3415945	3501166	3544042	3487051	1.87	cps
Lead	208-1	15310523	15737196	15965228	15670982	2.12	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : PB133478BS Instrumnet Name : P8
 Client Sample ID : PB133478BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 17:07:07 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1206074	1229818	1231137	1222343	1.15	cps
Magnesium	24-2	2885412	2833348	2855417	2858059	0.91	cps
Manganese	55-2	1924888	1943567	1933364	1933940	0.48	cps
Molybdenum	94-1	2773726	2876027	2853543	2834432	1.90	cps
Molybdenum	95-1	3376212	3495150	3449491	3440284	1.74	cps
Molybdenum	96-1	3725428	3896247	3861914	3827863	2.36	cps
Molybdenum	97-1	2092570	2176732	2190396	2153233	2.46	cps
Molybdenum	98-1	5359614	5546282	5537645	5481180	1.92	cps
Neodymium	150-1	87	100	40	76	41.70	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	194461	193971	192579	193670	0.50	cps
Phosphorus	31-2	12080	12798	12139	12339	3.23	cps
Potassium	39-2	1144715	1140327	1146082	1143708	0.26	cps
Rhodium	103-1	3443101	3406401	3378474	3409325	0.95	cps
Rhodium	103-2	1590963	1559003	1575889	1575285	1.01	cps
Scandium	45-1	2488991	2464201	2477628	2476940	0.50	cps
Scandium	45-2	87612	86971	87470	87351	0.39	cps
Selenium	82-1	22627	23556	23816	23333	2.68	cps
Selenium	77-2	717	630	677	674	6.43	cps
Selenium	78-2	2240	2382	2277	2300	3.20	cps
Silicon	28-1	2243935	2463001	2538636	2415191	6.34	cps
Silver	109-1	1549980	1584144	1588985	1574370	1.35	cps
Silver	107-1	1611592	1714465	1652391	1659483	3.12	cps
Sodium	23-2	5601222	5653998	5628285	5627835	0.47	cps
Strontium	86-1	456220	474015	472588	467607	2.11	cps
Strontium	88-1	3795292	3962080	3984762	3914044	2.64	cps
Sulfur	34-1	683852	693460	685373	687562	0.75	cps
Terbium	159-1	3969238	3968006	3993048	3976764	0.35	cps
Terbium	159-2	1762311	1742162	1753504	1752659	0.58	cps
Thallium	203-1	873669	909290	924687	902549	2.90	cps
Thallium	205-1	2094251	2160225	2209359	2154612	2.68	cps
Tin	118-1	1022575	1080432	1067464	1056824	2.87	cps
Titanium	47-1	1006353	1047588	1047748	1033896	2.31	cps
Uranium	238-1	2542808	2592809	2612502	2582706	1.39	cps
Vanadium	51-2	340978	338881	339105	339654	0.34	cps
Yttrium	89-1	6620753	6496696	6606672	6574707	1.03	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133478BS	Instrumnet Name :	P8
Client Sample ID :	PB133478BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:07:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	698643	688675	692720	693346	0.72	cps
Zinc	66-2	689513	688550	682336	686800	0.57	cps
Zirconium	90-1	2286504	2423090	2398835	2369476	3.08	cps
Zirconium	91-1	514216	542771	545615	534201	3.25	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:09:55	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	903324	905549	906887	905253	0.20	cps
Antimony	121-1	1474599	1512296	1530610	1505835	1.90	cps
Arsenic	75-2	51312	52161	52152	51875	0.94	cps
Barium	135-1	1544923	1557904	1594925	1565917	1.66	cps
Barium	137-1	2578824	2685379	2668787	2644330	2.17	cps
Beryllium	9-1	369669	380632	380417	376906	1.66	cps
Bismuth	209-1	1944869	2094921	2081816	2040535	4.07	cps
Bismuth	209-2	1219078	1243181	1241429	1234563	1.09	cps
Boron	10-1	27963	30125	31988	30025	6.71	cps
Boron	11-1	137932	150781	156941	148551	6.53	cps
Bromine	81-1	3384	3264	2903	3184	7.86	cps
Cadmium	111-1	327208	335619	330382	331070	1.28	cps
Cadmium	106-1	35446	35438	36891	35925	2.33	cps
Cadmium	108-1	23149	24739	24338	24075	3.44	cps
Calcium	43-1	1973726	1955159	1987599	1972161	0.83	cps
Calcium	44-1	31941498	32341204	33062952	32448551	1.75	cps
Chromium	52-2	418576	415343	419048	417656	0.48	cps
Cobalt	59-2	729142	725433	728936	727837	0.29	cps
Copper	63-2	5079712	5120530	5104418	5101553	0.40	cps
Dysprosium	156-1	125	142	125	131	7.37	cps
Dysprosium	156-2	53	50	50	51	3.76	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	158	158	150	156	3.09	cps
Gadolinium	160-2	53	60	70	61	13.73	cps
Holmium	165-1	3460011	3725663	3802240	3662638	4.90	cps
Holmium	165-2	1800191	1752358	1784068	1778872	1.37	cps
Indium	115-1	3356904	3552939	3541894	3483912	3.16	cps
Indium	115-2	533223	535392	542668	537095	0.92	cps
Iron	54-2	4118661	4204988	4139280	4154310	1.09	cps
Iron	56-2	73371891	74528057	75133379	74344442	1.20	cps
Iron	57-2	1912645	1902740	1898766	1904717	0.38	cps
Krypton	83-1	1893	2077	1863	1945	5.94	cps
Lead	206-1	3829535	3960182	4016722	3935479	2.44	cps
Lead	207-1	3445970	3558465	3519166	3507867	1.63	cps
Lead	208-1	15288371	15957102	15792840	15679438	2.22	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:09:55	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1180612	1255599	1252531	1229581	3.45	cps
Magnesium	24-2	14401389	14227977	14173396	14267587	0.83	cps
Manganese	55-2	1903427	1924601	1931579	1919869	0.76	cps
Molybdenum	94-1	2860541	2868047	2923115	2883901	1.18	cps
Molybdenum	95-1	3433917	3597925	3538567	3523470	2.36	cps
Molybdenum	96-1	3767277	3886956	3936801	3863678	2.26	cps
Molybdenum	97-1	2130443	2210596	2166784	2169274	1.85	cps
Molybdenum	98-1	5457930	5611090	5667789	5578936	1.95	cps
Neodymium	150-1	73	53	100	76	30.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	192180	194197	196164	194180	1.03	cps
Phosphorus	31-2	12564	12589	12422	12525	0.72	cps
Potassium	39-2	5497761	5446270	5505099	5483043	0.58	cps
Rhodium	103-1	3151429	3414505	3440472	3335469	4.79	cps
Rhodium	103-2	1549793	1570082	1532380	1550752	1.22	cps
Scandium	45-1	2350092	2560546	2631437	2514025	5.82	cps
Scandium	45-2	88557	89838	90137	89511	0.94	cps
Selenium	82-1	22958	23926	23700	23528	2.15	cps
Selenium	77-2	633	693	647	658	4.79	cps
Selenium	78-2	2294	2256	2339	2297	1.81	cps
Silicon	28-1	2244950	2418632	2481883	2381822	5.15	cps
Silver	109-1	1543398	1588444	1594449	1575431	1.77	cps
Silver	107-1	1604768	1648429	1627514	1626904	1.34	cps
Sodium	23-2	27753378	27467780	27590657	27603938	0.52	cps
Strontium	86-1	467119	481924	484799	477947	1.98	cps
Strontium	88-1	3937264	4051649	4066151	4018355	1.76	cps
Sulfur	34-1	682389	689645	679844	683959	0.74	cps
Terbium	159-1	3738112	4032092	4001692	3923966	4.12	cps
Terbium	159-2	1764282	1773174	1778728	1772061	0.41	cps
Thallium	203-1	911705	913562	905977	910415	0.43	cps
Thallium	205-1	2117930	2197517	2207269	2174239	2.25	cps
Tin	118-1	1047318	1079901	1083949	1070389	1.88	cps
Titanium	47-1	1045472	1064822	1072225	1060840	1.30	cps
Uranium	238-1	2597212	2680000	2622238	2633150	1.61	cps
Vanadium	51-2	342926	349432	349486	347281	1.09	cps
Yttrium	89-1	6145615	6683580	6743783	6524326	5.05	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:09:55	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	703811	715014	714316	711047	0.88	cps
Zinc	66-2	677703	683460	681943	681035	0.44	cps
Zirconium	90-1	2356058	2416547	2418603	2397069	1.48	cps
Zirconium	91-1	538142	554685	559732	550853	2.05	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:21:31	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319	367	354	347	7.25	cps
Antimony	121-1	83	83	117	94	20.37	cps
Arsenic	75-2	9	3	7	6	48.24	cps
Barium	135-1	42	25	42	36	26.65	cps
Barium	137-1	50	17	58	42	52.91	cps
Beryllium	9-1	120	122	148	130	12.01	cps
Bismuth	209-1	2090605	2115668	2105547	2103940	0.60	cps
Bismuth	209-2	1198780	1222318	1207216	1209438	0.99	cps
Boron	10-1	790	736	702	743	5.98	cps
Boron	11-1	3588	3466	3514	3522	1.74	cps
Bromine	81-1	2793	3264	2913	2990	8.18	cps
Cadmium	111-1	788	873	963	875	10.00	cps
Cadmium	106-1	1117	1233	1375	1242	10.42	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	199	236	196	210	10.65	cps
Calcium	44-1	14890	14619	15086	14865	1.58	cps
Chromium	52-2	617	663	777	686	12.00	cps
Cobalt	59-2	40	77	63	60	30.93	cps
Copper	63-2	762	874	851	829	7.13	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	3692756	3717062	3506660	3638826	3.16	cps
Holmium	165-2	1678370	1689276	1716994	1694880	1.17	cps
Indium	115-1	3556165	3585052	3562833	3568016	0.42	cps
Indium	115-2	523823	526888	526675	525796	0.33	cps
Iron	54-2	394	367	411	391	5.75	cps
Iron	56-2	3106	3028	2984	3039	2.04	cps
Iron	57-2	156	133	100	130	21.57	cps
Krypton	83-1	2004	2014	1873	1963	3.98	cps
Lead	206-1	528	533	517	526	1.61	cps
Lead	207-1	494	394	372	420	15.49	cps
Lead	208-1	2233	1972	1856	2020	9.57	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:21:31	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1242270	1244754	1215654	1234226	1.31	cps
Magnesium	24-2	833	617	825	758	16.19	cps
Manganese	55-2	127	127	107	120	9.62	cps
Molybdenum	94-1	67	125	125	106	31.90	cps
Molybdenum	95-1	33	33	58	42	34.65	cps
Molybdenum	96-1	100	25	25	50	86.60	cps
Molybdenum	97-1	58	8	42	36	70.51	cps
Molybdenum	98-1	42	50	8	33	66.15	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	130	140	87	119	23.84	cps
Phosphorus	31-2	133	108	108	117	12.37	cps
Potassium	39-2	23937	23812	24488	24079	1.49	cps
Rhodium	103-1	3402098	3456662	3378542	3412434	1.17	cps
Rhodium	103-2	1561899	1544137	1549875	1551970	0.58	cps
Scandium	45-1	2448377	2463481	2486303	2466054	0.77	cps
Scandium	45-2	85398	85710	84785	85298	0.55	cps
Selenium	82-1	-144	34	34	-25	-402.95	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	41	29	38	36	17.35	cps
Silicon	28-1	1231712	1229139	1232094	1230982	0.13	cps
Silver	109-1	8	33	33	25	57.74	cps
Silver	107-1	67	108	42	72	46.63	cps
Sodium	23-2	33121	33522	33756	33467	0.96	cps
Strontium	86-1	2917	3334	3175	3142	6.70	cps
Strontium	88-1	217	208	92	172	40.58	cps
Sulfur	34-1	542516	546484	539145	542715	0.68	cps
Terbium	159-1	3840601	3935498	3884397	3886832	1.22	cps
Terbium	159-2	1657617	1701886	1663147	1674217	1.44	cps
Thallium	203-1	158	158	167	161	2.98	cps
Thallium	205-1	342	258	400	333	21.36	cps
Tin	118-1	200	317	225	247	24.85	cps
Titanium	47-1	300	250	417	322	26.54	cps
Uranium	238-1	25	17	17	19	24.73	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	6482061	6479861	6508659	6490194	0.25	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:21:31	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	673582	680219	680964	678255	0.60	cps
Zinc	66-2	73	67	57	66	12.79	cps
Zirconium	90-1	325	300	275	300	8.33	cps
Zirconium	91-1	83	50	50	61	31.50	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BL	Instrumnet Name :	P8
Client Sample ID :	PB133480BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:24:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364	380	370	371	2.21	cps
Antimony	121-1	33	92	67	64	45.81	cps
Arsenic	75-2	6	6	7	6	9.12	cps
Barium	135-1	58	42	33	44	28.65	cps
Barium	137-1	25	67	50	47	44.41	cps
Beryllium	9-1	130	126	128	128	1.56	cps
Bismuth	209-1	2086474	1865978	2030845	1994432	5.75	cps
Bismuth	209-2	1209311	1217751	1220855	1215972	0.49	cps
Boron	10-1	600	586	606	597	1.72	cps
Boron	11-1	2858	2862	2728	2816	2.71	cps
Bromine	81-1	3154	2853	3114	3040	5.36	cps
Cadmium	111-1	988	790	870	883	11.32	cps
Cadmium	106-1	1417	1125	1250	1264	11.58	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	225	220	224	223	1.17	cps
Calcium	44-1	16065	15896	15383	15781	2.25	cps
Chromium	52-2	653	703	560	639	11.39	cps
Cobalt	59-2	60	77	73	70	12.60	cps
Copper	63-2	831	737	714	761	8.16	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	8	0	17	132.30	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	3637345	3251019	3504412	3464259	5.67	cps
Holmium	165-2	1683863	1678358	1731690	1697970	1.73	cps
Indium	115-1	3464633	3218753	3477031	3386806	4.30	cps
Indium	115-2	526290	526620	529695	527535	0.36	cps
Iron	54-2	378	394	300	357	14.10	cps
Iron	56-2	3023	3006	2700	2910	6.24	cps
Iron	57-2	89	139	56	94	44.41	cps
Krypton	83-1	1957	1873	1903	1911	2.21	cps
Lead	206-1	550	517	567	544	4.68	cps
Lead	207-1	389	456	450	431	8.57	cps
Lead	208-1	1972	2033	2222	2076	6.28	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BL	Instrumnet Name :	P8
Client Sample ID :	PB133480BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:24:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1169228	1088831	1156727	1138262	3.80	cps
Magnesium	24-2	792	692	708	731	7.33	cps
Manganese	55-2	133	150	140	141	5.94	cps
Molybdenum	94-1	133	133	125	131	3.68	cps
Molybdenum	95-1	25	33	25	28	17.31	cps
Molybdenum	96-1	50	117	58	75	48.43	cps
Molybdenum	97-1	0	8	17	8	100.02	cps
Molybdenum	98-1	33	33	50	39	24.75	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	117	130	87	111	19.97	cps
Phosphorus	31-2	100	133	217	150	40.06	cps
Potassium	39-2	23970	24864	24329	24388	1.84	cps
Rhodium	103-1	3347685	3096162	3342445	3262097	4.41	cps
Rhodium	103-2	1525408	1552805	1562161	1546791	1.23	cps
Scandium	45-1	2444054	2215711	2422271	2360679	5.34	cps
Scandium	45-2	84412	86341	88349	86368	2.28	cps
Selenium	82-1	6	161	-12	52	183.59	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	36	36	41	38	7.66	cps
Silicon	28-1	1205839	1186947	1192976	1195254	0.81	cps
Silver	109-1	83	42	83	69	34.64	cps
Silver	107-1	42	75	67	61	28.38	cps
Sodium	23-2	32813	32553	31961	32442	1.35	cps
Strontium	86-1	3309	3150	3034	3164	4.36	cps
Strontium	88-1	158	200	125	161	23.33	cps
Sulfur	34-1	542579	539853	543202	541878	0.33	cps
Terbium	159-1	3811576	3545710	3762440	3706575	3.82	cps
Terbium	159-2	1686012	1693328	1702300	1693880	0.48	cps
Thallium	203-1	158	75	117	117	35.72	cps
Thallium	205-1	292	267	250	269	7.78	cps
Tin	118-1	225	242	217	228	5.59	cps
Titanium	47-1	333	433	375	381	13.20	cps
Uranium	238-1	25	8	33	22	57.29	cps
Vanadium	51-2	7	20	17	14	48.02	cps
Yttrium	89-1	6642119	5848414	6416806	6302446	6.49	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BL	Instrumnet Name :	P8
Client Sample ID :	PB133480BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:24:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	677745	678396	689053	681731	0.93	cps
Zinc	66-2	83	60	80	74	16.95	cps
Zirconium	90-1	283	175	192	217	26.92	cps
Zirconium	91-1	83	42	42	56	43.30	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BS	Instrumnet Name :	P8
Client Sample ID :	PB133480BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:27:15	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186593	185000	188334	186642	0.89	cps
Antimony	121-1	1455316	1483788	1497352	1478819	1.45	cps
Arsenic	75-2	50893	51183	51133	51070	0.30	cps
Barium	135-1	1503922	1545637	1533248	1527602	1.40	cps
Barium	137-1	2574894	2630346	2672141	2625794	1.86	cps
Beryllium	9-1	339872	343597	342602	342024	0.56	cps
Bismuth	209-1	2038613	2070763	2064202	2057859	0.83	cps
Bismuth	209-2	1223496	1222963	1234943	1227134	0.55	cps
Boron	10-1	20604	24696	26444	23915	12.53	cps
Boron	11-1	103839	121631	131617	119029	11.82	cps
Bromine	81-1	3114	3134	2793	3013	6.34	cps
Cadmium	111-1	324391	332475	331703	329523	1.35	cps
Cadmium	106-1	34912	36958	36240	36037	2.88	cps
Cadmium	108-1	24046	24117	23754	23972	0.80	cps
Calcium	43-1	383051	393969	395466	390828	1.73	cps
Calcium	44-1	6305373	6490303	6548476	6448051	1.97	cps
Chromium	52-2	404636	408056	411538	408077	0.85	cps
Cobalt	59-2	718369	715692	731103	721721	1.14	cps
Copper	63-2	5191744	5135570	5242621	5189978	1.03	cps
Dysprosium	156-1	42	100	33	58	62.27	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	17	17	67	33	86.59	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	20	37	33	30	29.40	cps
Holmium	165-1	3565248	3532108	3642020	3579792	1.57	cps
Holmium	165-2	1743619	1746498	1764344	1751487	0.64	cps
Indium	115-1	3347072	3503986	3509119	3453393	2.67	cps
Indium	115-2	527401	532082	534353	531279	0.67	cps
Iron	54-2	853920	856895	863144	857986	0.55	cps
Iron	56-2	15270893	15225469	15421494	15305952	0.67	cps
Iron	57-2	380543	375755	385842	380714	1.33	cps
Krypton	83-1	1910	1967	1793	1890	4.68	cps
Lead	206-1	3858690	3973560	3911866	3914705	1.47	cps
Lead	207-1	3468921	3507278	3538069	3504756	0.99	cps
Lead	208-1	15465997	15657851	15712450	15612099	0.83	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : PB133480BS Instrumnet Name : P8
 Client Sample ID : PB133480BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 17:27:15 DataFile Name : 041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1175993	1190221	1201482	1189232	1.07	cps
Magnesium	24-2	2864564	2827840	2900939	2864448	1.28	cps
Manganese	55-2	1908338	1900542	1941410	1916763	1.13	cps
Molybdenum	94-1	2818868	2856995	2841288	2839050	0.67	cps
Molybdenum	95-1	3447028	3415609	3470596	3444411	0.80	cps
Molybdenum	96-1	3814212	3830603	3865208	3836674	0.68	cps
Molybdenum	97-1	2123182	2164750	2210083	2166005	2.01	cps
Molybdenum	98-1	5329913	5542619	5630027	5500853	2.81	cps
Neodymium	150-1	73	40	60	58	29.04	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	192531	193187	195687	193802	0.86	cps
Phosphorus	31-2	12331	12522	12798	12550	1.87	cps
Potassium	39-2	1144822	1140891	1157130	1147614	0.74	cps
Rhodium	103-1	3194290	3327092	3430728	3317370	3.57	cps
Rhodium	103-2	1566404	1560972	1572681	1566686	0.37	cps
Scandium	45-1	2380189	2484515	2503526	2456077	2.70	cps
Scandium	45-2	86847	86817	88504	87389	1.10	cps
Selenium	82-1	23039	23773	23443	23418	1.57	cps
Selenium	77-2	687	687	713	696	2.21	cps
Selenium	78-2	2277	2306	2196	2260	2.52	cps
Silicon	28-1	2264739	2419884	2533893	2406172	5.61	cps
Silver	109-1	1559311	1570151	1574688	1568050	0.50	cps
Silver	107-1	1620887	1628514	1667302	1638901	1.52	cps
Sodium	23-2	5638669	5508039	5625337	5590682	1.29	cps
Strontium	86-1	454810	473389	469124	465774	2.09	cps
Strontium	88-1	3933630	3971107	4008877	3971205	0.95	cps
Sulfur	34-1	681237	677283	673862	677461	0.54	cps
Terbium	159-1	3738952	3843334	3926800	3836362	2.45	cps
Terbium	159-2	1754910	1743134	1748043	1748696	0.34	cps
Thallium	203-1	877018	897855	910964	895279	1.91	cps
Thallium	205-1	2068130	2113609	2164998	2115579	2.29	cps
Tin	118-1	1030290	1047675	1055277	1044414	1.23	cps
Titanium	47-1	1034230	1064209	1049939	1049459	1.43	cps
Uranium	238-1	2543314	2577276	2634704	2585098	1.79	cps
Vanadium	51-2	338071	336743	340611	338475	0.58	cps
Yttrium	89-1	6298633	6591548	6540863	6477014	2.42	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133480BS	Instrumnet Name :	P8
Client Sample ID :	PB133480BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:27:15	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	693062	694769	703692	697175	0.82	cps
Zinc	66-2	682068	686956	695134	688053	0.96	cps
Zirconium	90-1	2285927	2390423	2376761	2351037	2.42	cps
Zirconium	91-1	522456	531381	539165	531000	1.57	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : PB133476BS Instrumnet Name : P8
 Client Sample ID : PB133476BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 17:30:03 DataFile Name : 042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192578	192263	190963	191935	0.45	cps
Antimony	121-1	1463883	1479571	1492510	1478655	0.97	cps
Arsenic	75-2	52603	52669	51797	52357	0.93	cps
Barium	135-1	1515187	1548196	1523981	1529122	1.12	cps
Barium	137-1	2590630	2624094	2628338	2614354	0.79	cps
Beryllium	9-1	336968	343667	344299	341645	1.19	cps
Bismuth	209-1	2114959	2128684	1905189	2049611	6.11	cps
Bismuth	209-2	1264196	1258320	1268914	1263810	0.42	cps
Boron	10-1	25088	27516	29351	27319	7.83	cps
Boron	11-1	122013	134490	145738	134080	8.85	cps
Bromine	81-1	2813	2843	3114	2923	5.66	cps
Cadmium	111-1	323052	334011	332690	329917	1.81	cps
Cadmium	106-1	35897	35321	35705	35641	0.82	cps
Cadmium	108-1	24255	24017	24488	24253	0.97	cps
Calcium	43-1	387598	392850	396252	392233	1.11	cps
Calcium	44-1	6386829	6510556	6639593	6512326	1.94	cps
Chromium	52-2	421472	420474	411264	417737	1.35	cps
Cobalt	59-2	748183	740414	734666	741088	0.92	cps
Copper	63-2	5389948	5298135	5215841	5301308	1.64	cps
Dysprosium	156-1	42	58	17	39	53.93	cps
Dysprosium	156-2	13	23	23	20	28.87	cps
Erbium	164-1	0	33	50	28	91.65	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	75	75	58	69	13.86	cps
Gadolinium	160-2	23	23	23	23	0.00	cps
Holmium	165-1	3674910	3695683	3307466	3559353	6.14	cps
Holmium	165-2	1830661	1807107	1787052	1808273	1.21	cps
Indium	115-1	3507585	3594814	3210189	3437529	5.87	cps
Indium	115-2	545014	552317	544150	547160	0.82	cps
Iron	54-2	884737	872583	873717	877012	0.77	cps
Iron	56-2	15883228	15551408	15678038	15704225	1.07	cps
Iron	57-2	397103	393988	393732	394941	0.48	cps
Krypton	83-1	1743	1783	2084	1870	9.94	cps
Lead	206-1	3803567	3893609	3920128	3872435	1.58	cps
Lead	207-1	3415434	3542195	3465580	3474403	1.84	cps
Lead	208-1	15312217	15668487	15600488	15527064	1.22	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BS	Instrumnet Name :	P8
Client Sample ID :	PB133476BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:30:03	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1204146	1253578	1063259	1173661	8.41	cps
Magnesium	24-2	2931145	2983035	2907132	2940437	1.32	cps
Manganese	55-2	2008666	1972065	1959760	1980163	1.28	cps
Molybdenum	94-1	2804016	2829635	2862251	2831967	1.03	cps
Molybdenum	95-1	3372636	3420377	3476826	3423280	1.52	cps
Molybdenum	96-1	3775912	3815283	3837399	3809532	0.82	cps
Molybdenum	97-1	2116358	2116000	2183556	2138638	1.82	cps
Molybdenum	98-1	5353040	5431124	5461305	5415156	1.03	cps
Neodymium	150-1	80	87	47	71	30.13	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	199168	199280	196242	198230	0.87	cps
Phosphorus	31-2	12998	12764	12339	12700	2.63	cps
Potassium	39-2	1179697	1174996	1165059	1173251	0.64	cps
Rhodium	103-1	3421603	3405798	3085430	3304277	5.74	cps
Rhodium	103-2	1619289	1600440	1586832	1602187	1.02	cps
Scandium	45-1	2499910	2521692	2326287	2449296	4.37	cps
Scandium	45-2	90422	90023	88852	89766	0.91	cps
Selenium	82-1	22972	23339	23662	23324	1.48	cps
Selenium	77-2	667	690	667	674	2.00	cps
Selenium	78-2	2416	2328	2284	2343	2.87	cps
Silicon	28-1	2278415	2461512	2540588	2426838	5.54	cps
Silver	109-1	1548269	1564571	1580972	1564604	1.05	cps
Silver	107-1	1611736	1651753	1647532	1637007	1.34	cps
Sodium	23-2	5788703	5782360	5713821	5761628	0.72	cps
Strontium	86-1	459971	465026	474006	466334	1.52	cps
Strontium	88-1	3825110	3944531	3942885	3904175	1.75	cps
Sulfur	34-1	668494	667886	672807	669729	0.40	cps
Terbium	159-1	3917655	3988011	3506862	3804176	6.83	cps
Terbium	159-2	1744601	1789916	1821335	1785284	2.16	cps
Thallium	203-1	891625	910578	916647	906284	1.44	cps
Thallium	205-1	2087485	2138228	2144727	2123480	1.48	cps
Tin	118-1	1038318	1055848	1065348	1053171	1.30	cps
Titanium	47-1	1035421	1051904	1072061	1053129	1.74	cps
Uranium	238-1	2565850	2593013	2596376	2585080	0.65	cps
Vanadium	51-2	350552	347048	347832	348477	0.53	cps
Yttrium	89-1	6561691	6636464	6021950	6406702	5.23	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	PB133476BS	Instrumnet Name :	P8
Client Sample ID :	PB133476BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:30:03	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	716242	722526	717805	718858	0.46	cps
Zinc	66-2	707296	701405	699095	702598	0.60	cps
Zirconium	90-1	2311522	2348020	2395922	2351821	1.80	cps
Zirconium	91-1	520809	533587	539523	531306	1.80	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:32:54	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	908443	893297	905703	902481	0.89	cps
Antimony	121-1	1453885	1510137	1527757	1497260	2.58	cps
Arsenic	75-2	51357	51669	52310	51779	0.94	cps
Barium	135-1	1504038	1550786	1539687	1531504	1.59	cps
Barium	137-1	2565864	2633700	2634346	2611303	1.51	cps
Beryllium	9-1	359355	369511	374099	367655	2.05	cps
Bismuth	209-1	2102326	2046902	2079041	2076090	1.34	cps
Bismuth	209-2	1205333	1210615	1207342	1207764	0.22	cps
Boron	10-1	27979	31648	32996	30874	8.41	cps
Boron	11-1	137864	155223	163235	152107	8.53	cps
Bromine	81-1	3023	3244	3504	3257	7.39	cps
Cadmium	111-1	320997	329730	335921	328883	2.28	cps
Cadmium	106-1	35162	36014	36466	35881	1.84	cps
Cadmium	108-1	23337	24038	24902	24092	3.25	cps
Calcium	43-1	1960466	1981568	2055710	1999248	2.50	cps
Calcium	44-1	31669635	32386658	33007364	32354552	2.07	cps
Chromium	52-2	421560	411740	416849	416716	1.18	cps
Cobalt	59-2	721146	718349	717043	718846	0.29	cps
Copper	63-2	5120101	5071557	5115954	5102537	0.53	cps
Dysprosium	156-1	125	67	75	89	35.49	cps
Dysprosium	156-2	47	40	50	46	11.18	cps
Erbium	164-1	67	33	17	39	65.47	cps
Erbium	164-2	33	13	20	22	45.83	cps
Gadolinium	160-1	175	142	117	144	20.26	cps
Gadolinium	160-2	40	53	97	63	46.78	cps
Holmium	165-1	3697717	3770331	3794691	3754246	1.34	cps
Holmium	165-2	1768922	1747436	1793167	1769842	1.29	cps
Indium	115-1	3611428	3562736	3611482	3595215	0.78	cps
Indium	115-2	528104	530044	532459	530202	0.41	cps
Iron	54-2	4157966	4045852	4197650	4133823	1.90	cps
Iron	56-2	74337277	73052804	74397016	73929032	1.03	cps
Iron	57-2	1882730	1866135	1931156	1893341	1.78	cps
Krypton	83-1	1820	1883	1943	1882	3.28	cps
Lead	206-1	3866952	3930004	3863746	3886901	0.96	cps
Lead	207-1	3478274	3536654	3504526	3506485	0.83	cps
Lead	208-1	15475014	15749447	15641953	15622138	0.89	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:32:54	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1180866	1223893	1211182	1205314	1.83	cps
Magnesium	24-2	14436843	14201210	14161309	14266454	1.04	cps
Manganese	55-2	1953648	1917385	1941787	1937606	0.95	cps
Molybdenum	94-1	2803588	2873794	2976126	2884503	3.01	cps
Molybdenum	95-1	3390038	3524741	3512663	3475814	2.14	cps
Molybdenum	96-1	3772650	3901380	3977147	3883726	2.66	cps
Molybdenum	97-1	2127587	2189515	2185158	2167420	1.59	cps
Molybdenum	98-1	5399327	5575423	5694340	5556363	2.67	cps
Neodymium	150-1	147	107	73	109	33.72	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	193599	193776	193372	193583	0.10	cps
Phosphorus	31-2	12522	12706	13014	12748	1.95	cps
Potassium	39-2	5577058	5481046	5589594	5549233	1.07	cps
Rhodium	103-1	3357479	3375093	3363490	3365354	0.27	cps
Rhodium	103-2	1533883	1546283	1543156	1541107	0.42	cps
Scandium	45-1	2515914	2498677	2493092	2502561	0.48	cps
Scandium	45-2	88205	87813	90177	88732	1.43	cps
Selenium	82-1	22600	23544	23588	23244	2.40	cps
Selenium	77-2	673	790	640	701	11.23	cps
Selenium	78-2	2292	2219	2289	2267	1.82	cps
Silicon	28-1	2227991	2385887	2479053	2364310	5.37	cps
Silver	109-1	1519094	1593213	1553905	1555404	2.38	cps
Silver	107-1	1596266	1621920	1681256	1633147	2.67	cps
Sodium	23-2	27712794	27270713	27666456	27549988	0.88	cps
Strontium	86-1	464176	483227	486936	478113	2.55	cps
Strontium	88-1	3898988	4043470	4111091	4017850	2.70	cps
Sulfur	34-1	670547	680674	676661	675960	0.75	cps
Terbium	159-1	4000889	4078318	3982634	4020614	1.26	cps
Terbium	159-2	1743954	1783427	1796952	1774778	1.55	cps
Thallium	203-1	888706	918039	925897	910881	2.15	cps
Thallium	205-1	2082379	2153480	2114371	2116743	1.68	cps
Tin	118-1	1043427	1089599	1095046	1076024	2.64	cps
Titanium	47-1	1021780	1053920	1065350	1047017	2.16	cps
Uranium	238-1	2598810	2681860	2673311	2651327	1.72	cps
Vanadium	51-2	345112	340978	345363	343818	0.72	cps
Yttrium	89-1	6562359	6619645	6702860	6628288	1.07	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:32:54	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	702136	698078	704508	701574	0.46	cps
Zinc	66-2	678951	674288	681194	678144	0.52	cps
Zirconium	90-1	2377307	2447609	2463561	2429492	1.89	cps
Zirconium	91-1	529935	545920	555680	543845	2.39	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:45:35	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319	412	426	386	15.16	cps
Antimony	121-1	108	142	175	142	23.53	cps
Arsenic	75-2	8	8	7	8	7.53	cps
Barium	135-1	67	58	58	61	7.87	cps
Barium	137-1	75	125	92	97	26.19	cps
Beryllium	9-1	170	158	154	161	5.18	cps
Bismuth	209-1	2021478	2040440	2031455	2031125	0.47	cps
Bismuth	209-2	1237286	1243672	1191687	1224215	2.32	cps
Boron	10-1	920	930	854	901	4.58	cps
Boron	11-1	4534	4772	4532	4612	2.99	cps
Bromine	81-1	3003	2943	3524	3157	10.12	cps
Cadmium	111-1	1036	883	815	911	12.41	cps
Cadmium	106-1	1450	1258	1167	1292	11.19	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	270	247	194	237	16.52	cps
Calcium	44-1	15552	15662	15559	15591	0.39	cps
Chromium	52-2	577	643	723	648	11.34	cps
Cobalt	59-2	60	103	80	81	26.74	cps
Copper	63-2	978	986	947	970	2.12	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	42	22	94.38	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	3583022	3546385	3517153	3548853	0.93	cps
Holmium	165-2	1742292	1761196	1675199	1726229	2.62	cps
Indium	115-1	3505193	3457714	3427798	3463568	1.13	cps
Indium	115-2	541642	543352	522748	535914	2.13	cps
Iron	54-2	389	444	383	406	8.33	cps
Iron	56-2	3389	3534	3345	3423	2.89	cps
Iron	57-2	100	67	100	89	21.65	cps
Krypton	83-1	1820	1847	1913	1860	2.58	cps
Lead	206-1	628	600	678	635	6.21	cps
Lead	207-1	672	572	606	617	8.26	cps
Lead	208-1	2706	2561	2672	2646	2.86	cps

LB Number : LB112462 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-17 17:45:35 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1138634	1118646	1138437	1131906	1.01	cps
Magnesium	24-2	692	942	800	811	15.46	cps
Manganese	55-2	147	157	167	157	6.38	cps
Molybdenum	94-1	92	108	108	103	9.36	cps
Molybdenum	95-1	125	42	50	72	63.55	cps
Molybdenum	96-1	125	92	83	100	22.04	cps
Molybdenum	97-1	50	17	42	36	48.03	cps
Molybdenum	98-1	92	92	67	83	17.32	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	113	93	118	22.87	cps
Phosphorus	31-2	92	100	100	97	4.95	cps
Potassium	39-2	25298	25064	24480	24947	1.69	cps
Rhodium	103-1	3390596	3341641	3371962	3368066	0.73	cps
Rhodium	103-2	1625599	1632747	1537786	1598711	3.31	cps
Scandium	45-1	2423033	2405297	2392424	2406918	0.64	cps
Scandium	45-2	87481	89305	85475	87421	2.19	cps
Selenium	82-1	102	141	37	93	56.05	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	51	41	35	42	19.10	cps
Silicon	28-1	1205219	1209958	1198081	1204419	0.50	cps
Silver	109-1	67	25	25	39	61.86	cps
Silver	107-1	125	83	67	92	32.77	cps
Sodium	23-2	33364	34091	34099	33851	1.25	cps
Strontium	86-1	3034	3034	2925	2998	2.09	cps
Strontium	88-1	158	75	233	156	50.92	cps
Sulfur	34-1	531533	528472	530060	530022	0.29	cps
Terbium	159-1	3799806	3860909	3734022	3798246	1.67	cps
Terbium	159-2	1775491	1735549	1703496	1738178	2.08	cps
Thallium	203-1	225	133	208	189	25.85	cps
Thallium	205-1	375	375	275	342	16.90	cps
Tin	118-1	250	292	208	250	16.67	cps
Titanium	47-1	325	442	300	356	21.27	cps
Uranium	238-1	75	33	33	47	50.95	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	6445751	6342668	6326958	6371792	1.01	cps

LB Number :	LB112462	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-12-17 17:45:35	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	700011	707685	680479	696058	2.02	cps
Zinc	66-2	87	50	87	74	28.44	cps
Zirconium	90-1	233	192	242	222	12.06	cps
Zirconium	91-1	58	33	58	50	28.87	cps