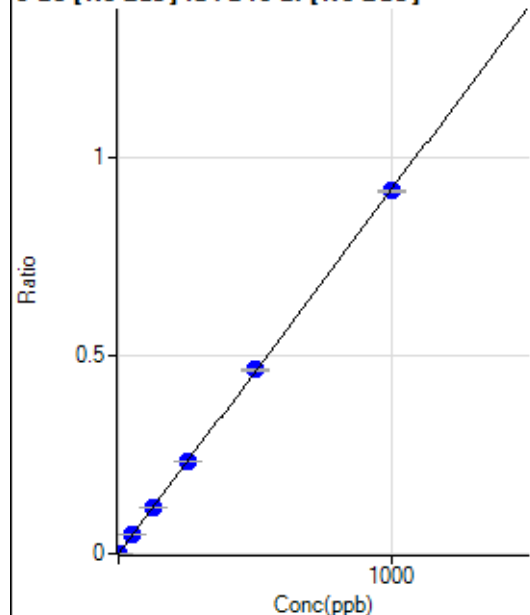


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040220 MS.b\
Analysis File: P8040220 MS.batch.bin
DA Date-Time: 2020-04-02 15:11:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-04-02 12:37:49
2	006CAL.S.d	S02	2020-04-02 12:40:56
3	007CAL.S.d	S03	2020-04-02 12:44:02
4	008CAL.S.d	S04	2020-04-02 12:47:09
5	009CAL.S.d	S05	2020-04-02 12:50:10
6	010CAL.S.d	S06	2020-04-02 12:53:10
7	011CAL.S.d	S07	2020-04-02 12:56:09
8	012CAL.S.d	S08	2020-04-02 12:59:09

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	24.66	0.0000	P	23.3
2	☐	1.000	1.090	827.20	0.0010	P	6.0
3	☐	50.000	51.027	39167.93	0.0470	P	0.3
4	☐	125.000	126.953	99156.79	0.1169	P	0.6
5	☐	250.000	254.028	199053.71	0.2338	P	0.8
6	☐	500.000	504.889	398242.16	0.4646	P	0.7
7	☐	1000.000	996.253	792511.75	0.9168	P	0.8
8	☐			163.97	0.0002	P	11.4

$$y = 9.2020\text{E-}004 * x + 3.2032\text{E-}005$$

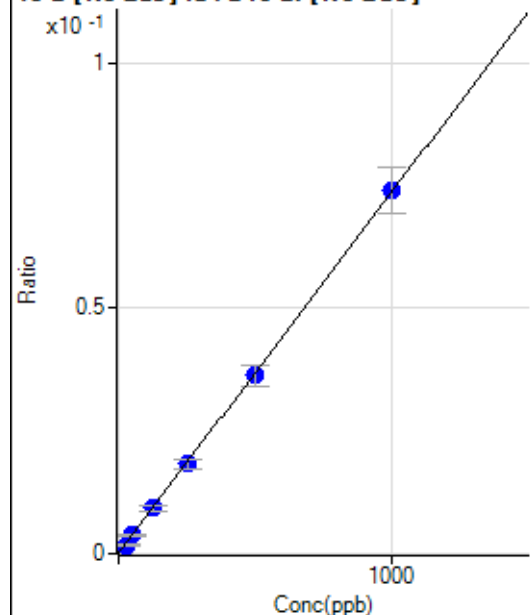
$$R = 1.0000$$

$$DL = 0.02431$$

$$BEC = 0.03481$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	53.99	0.0001	P	7.6
2	☐	25.000	22.836	1397.13	0.0017	P	12.1
3	☐	50.000	49.989	3122.39	0.0037	P	11.5
4	☐	125.000	124.437	7825.89	0.0092	P	9.1
5	☐	250.000	247.391	15549.18	0.0183	P	11.3
6	☐	500.000	492.208	31088.79	0.0363	P	11.7
7	☐	1000.000	1004.673	63899.37	0.0740	P	12.8
8	☐			9816.70	0.0118	P	12.2

$$y = 7.3553\text{E-}005 * x + 6.9811\text{E-}005$$

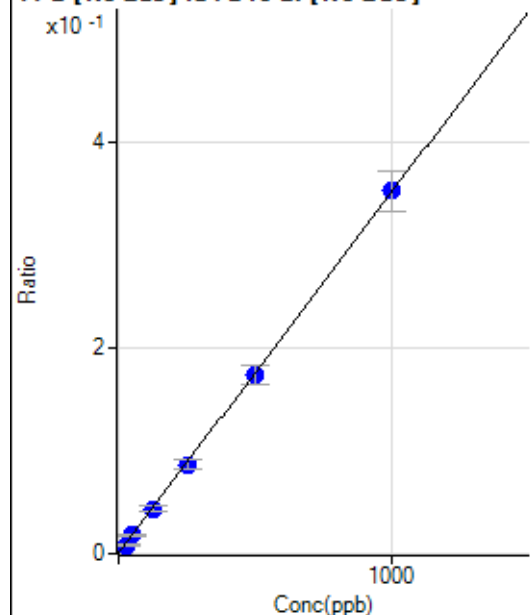
$$R = 1.0000$$

$$DL = 0.2178$$

$$BEC = 0.9491$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	253.29	0.0003	P	0.6
2	☐	25.000	22.740	6631.54	0.0083	P	12.0
3	☐	50.000	50.386	15004.06	0.0180	P	9.5
4	☐	125.000	124.134	37229.68	0.0439	P	9.9
5	☐	250.000	245.706	73658.73	0.0865	P	10.6
6	☐	500.000	492.845	148466.26	0.1732	P	10.7
7	☐	1000.000	1004.796	304824.72	0.3528	P	11.5
8	☐			45667.89	0.0549	P	13.0

$$y = 3.5081\text{E-}004 * x + 3.2681\text{E-}004$$

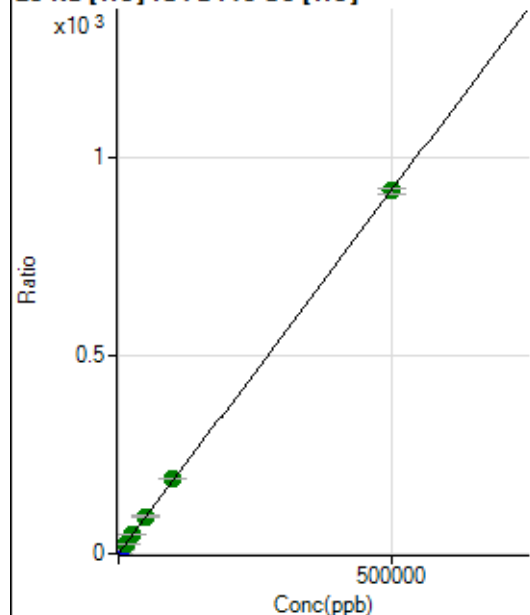
$$R = 1.0000$$

$$DL = 0.01746$$

$$BEC = 0.9316$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23313.48	0.4365	P	1.0
2	☐	500.000	528.021	77151.41	1.4049	P	1.9
3	☐	5000.000	5279.303	586018.27	10.1193	P	2.4
4	☐	12500.000	12930.961	1405888.47	24.1533	A	0.6
5	☐	25000.000	26812.127	2783113.21	49.6128	A	5.3
6	☐	50000.000	51241.303	5398331.33	94.4186	A	1.3
7	☐	100000.00	102830.62	10583613.00	189.0390	A	1.0
8	☐	500000.00	499205.54	50852332.39	916.0337	A	1.8

$$y = 0.0018 * x + 0.4365$$

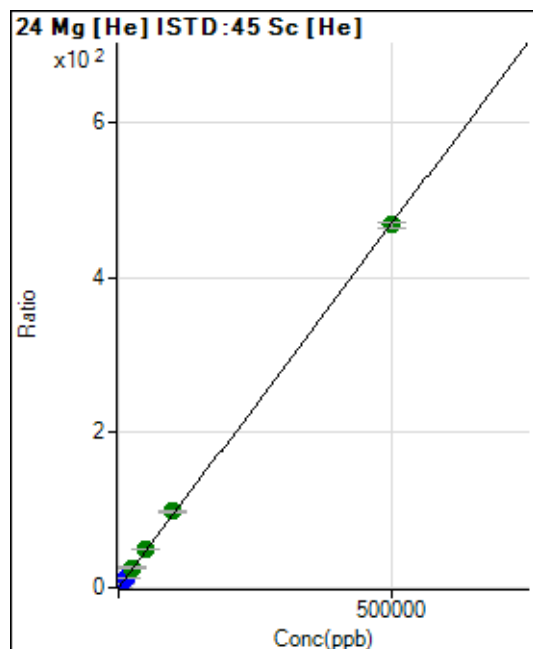
$$R = 1.0000$$

$$DL = 6.922$$

$$BEC = 238$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	127.78	0.0024	P	4.6
2	☐	500.000	530.534	27523.77	0.5011	P	1.3
3	☐	5000.000	5436.825	296139.47	5.1133	P	1.8
4	☐	12500.000	13378.748	732203.13	12.5791	P	1.1
5	☐	25000.000	27593.584	1455500.25	25.9418	A	4.6
6	☐	50000.000	52852.748	2840526.84	49.6868	A	2.0
7	☐	100000.00	104741.40	5512727.21	98.4649	A	0.9
8	☐	500000.00	498610.39	26021065.34	468.7226	A	1.7

$$y = 9.4005\text{E-}004 * x + 0.0024$$

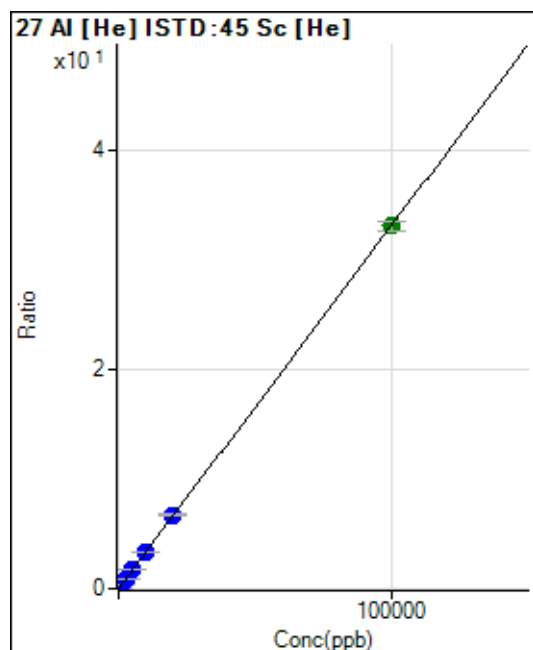
$$R = 0.9999$$

$$DL = 0.3521$$

$$BEC = 2.546$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	313.34	0.0059	P	20.6
2	☐	20.000	22.760	736.70	0.0134	P	3.9
3	☐	1000.000	1021.998	19958.20	0.3446	P	0.7
4	☐	2500.000	2500.687	48579.65	0.8346	P	0.5
5	☐	5000.000	5170.085	96501.56	1.7193	P	3.2
6	☐	10000.000	10028.757	190344.78	3.3294	P	1.8
7	☐	20000.000	20329.625	377525.62	6.7432	P	1.0
8	☐	100000.00	99922.457	1838558.64	33.1205	A	2.3

$$y = 3.3140\text{E-}004 * x + 0.0059$$

$$R = 1.0000$$

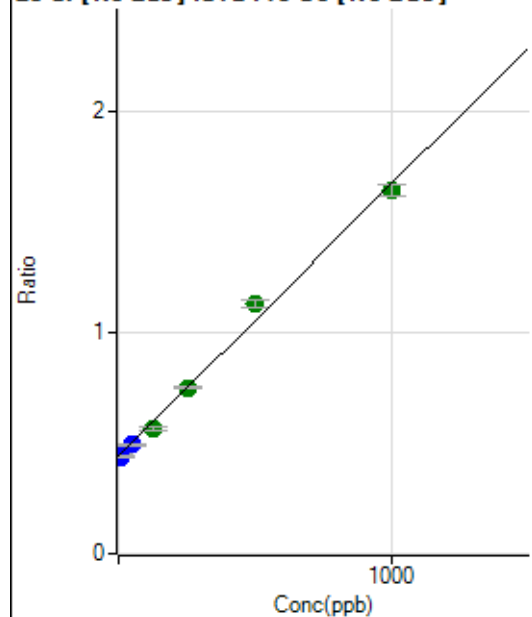
$$DL = 10.92$$

$$BEC = 17.71$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	712053.92	0.4408	P	3.6
2	☐	10.000	-2.351	729362.70	0.4379	P	1.6
3	☐	50.000	43.276	858891.97	0.4943	P	1.9
4	☐	125.000	98.101	990740.01	0.5620	A	3.0
5	☐	250.000	252.430	1329225.32	0.7526	A	2.0
6	☐	500.000	560.560	2012942.71	1.1331	A	3.3
7	☐	1000.000	972.935	2941910.74	1.6424	A	3.3
8	☐			741532.23	0.4301	P	1.4

$$y = 0.0012 * x + 0.4408$$

$$R = 0.9967$$

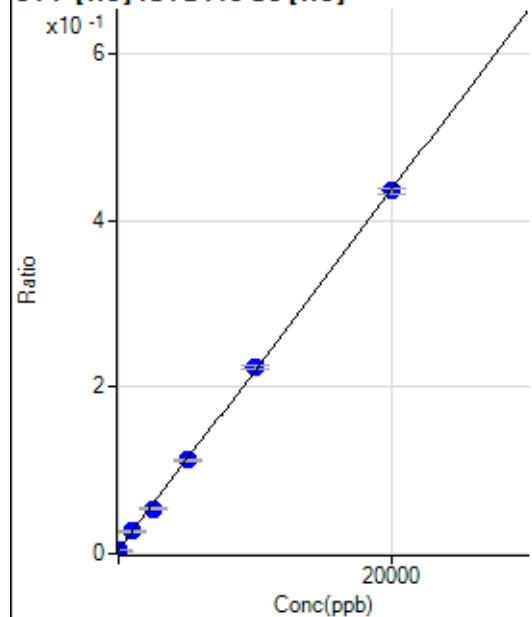
$$DL = 38.7$$

$$BEC = 356.9$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-31.486	202.79	0.0038	P	19.5
2	☐	0.000	31.486	283.34	0.0052	P	13.9
3	☐	1000.000	1042.638	1566.79	0.0270	P	6.8
4	☐	2500.000	2265.343	3114.30	0.0535	P	3.4
5	☐	5000.000	5007.453	6340.48	0.1128	P	1.4
6	☐	10000.000	10152.726	12817.12	0.2242	P	1.5
7	☐	20000.000	19948.974	24418.16	0.4361	P	1.6
8	☐			244.46	0.0044	P	41.4

$$y = 2.1638E-005 * x + 0.0045$$

$$R = 0.9999$$

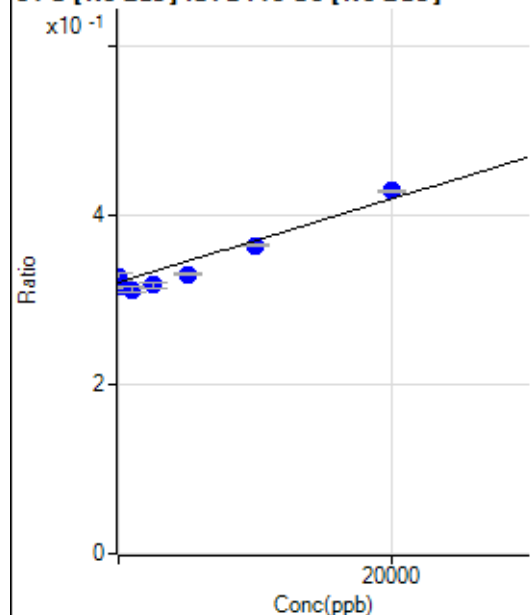
$$DL = 101.3$$

$$BEC = 207.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	1154.841	526752.15	0.3260	P	2.8
2	☐	0.000	-1154.841	524132.28	0.3147	P	1.0
3	☐	1000.000	-1879.554	540575.55	0.3111	P	2.2
4	☐	2500.000	-635.888	559224.90	0.3172	P	2.3
5	☐	5000.000	1951.217	582757.88	0.3300	P	0.5
6	☐	10000.000	8834.141	646331.90	0.3638	P	0.5
7	☐	20000.000	21881.089	766808.95	0.4281	P	0.6
8	☐			501744.49	0.2910	P	1.4

$$y = 4.9234\text{E-}006 * x + 0.3204$$

$$R = 0.9787$$

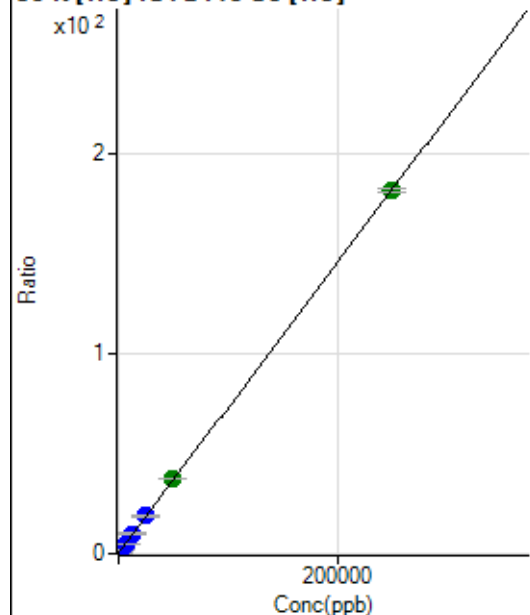
$$DL = 3740$$

$$BEC = 6.507\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17797.43	0.3332	P	0.9
2	☐	500.000	503.917	38351.44	0.6984	P	1.5
3	☐	2500.000	2567.472	127050.63	2.1937	P	1.8
4	☐	6250.000	6423.702	290346.68	4.9882	P	1.0
5	☐	12500.000	13423.645	564553.25	10.0608	P	4.2
6	☐	25000.000	25632.682	1080990.12	18.9083	P	1.9
7	☐	50000.000	51092.370	2091653.54	37.3581	A	0.3
8	☐	250000.00	249667.05	10062995.80	181.2583	A	0.9

$$y = 7.2467\text{E-}004 * x + 0.3332$$

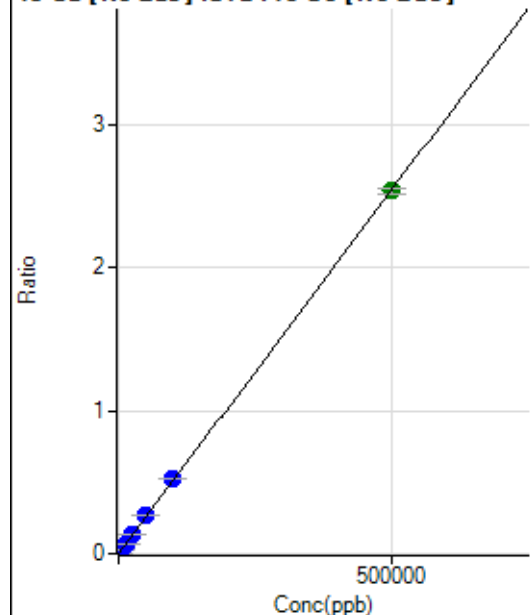
$$R = 1.0000$$

$$DL = 12.3$$

$$BEC = 459.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	447.24	0.0003	P	18.1
2	☐	500.000	500.417	4695.33	0.0028	P	2.4
3	☐	5000.000	5276.237	47035.98	0.0271	P	2.3
4	☐	12500.000	12981.280	116692.71	0.0662	P	2.7
5	☐	25000.000	26027.827	233915.89	0.1324	P	0.4
6	☐	50000.000	52502.913	474078.45	0.2669	P	0.5
7	☐	100000.00	103380.80	940825.94	0.5252	P	0.4
8	☐	500000.00	499007.36	4368649.70	2.5341	A	1.7

$$y = 5.0778\text{E-}006 * x + 2.7750\text{E-}004$$

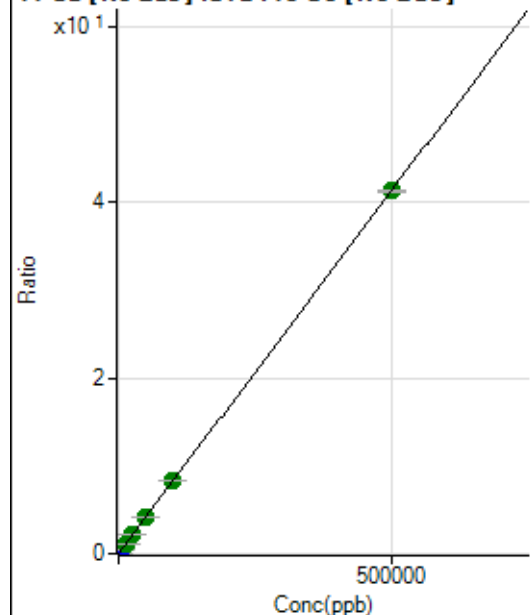
$$R = 1.0000$$

$$DL = 29.75$$

$$BEC = 54.65$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25501.01	0.0158	P	4.2
2	☐	500.000	517.522	97549.92	0.0586	P	0.9
3	☐	5000.000	5250.372	781491.16	0.4497	P	1.8
4	☐	12500.000	12897.218	1907287.17	1.0817	A	1.0
5	☐	25000.000	25503.144	3750625.47	2.1236	A	0.4
6	☐	50000.000	50440.719	7433601.90	4.1847	A	0.4
7	☐	100000.00	99999.881	14832851.72	8.2807	A	0.5
8	☐	500000.00	499918.34	71262497.43	41.3336	A	0.4

$$y = 8.2649\text{E-}005 * x + 0.0158$$

$$R = 1.0000$$

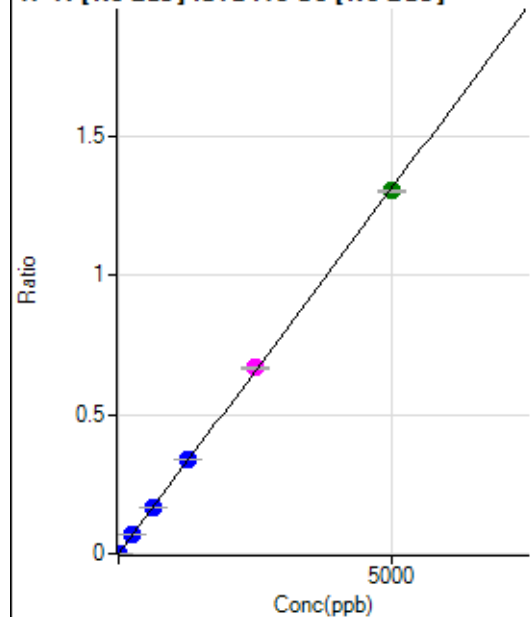
$$DL = 23.82$$

$$BEC = 191$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	430.58	0.0003	P	6.7
2	☐	5.000	5.376	2789.23	0.0017	P	9.0
3	☐	250.000	255.315	116683.11	0.0672	P	3.6
4	☐	625.000	635.512	294017.13	0.1668	P	2.0
5	☐	1250.000	1278.379	592038.49	0.3352	P	0.3
6	☐	2500.000	2548.658	1186658.32	0.6680	M	1.2
7	☐	5000.000	4966.996	2331630.87	1.3017	A	0.6
8	☐			880.61	0.0005	P	14.8

$$y = 2.6201\text{E-}004 * x + 2.6669\text{E-}004$$

$$R = 0.9999$$

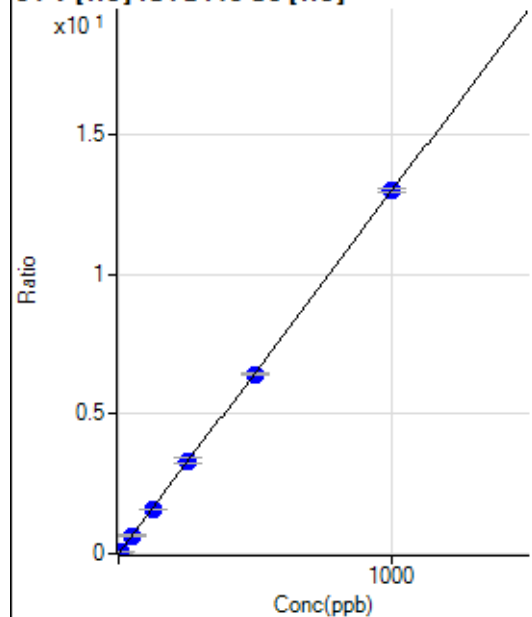
$$DL = 0.2046$$

$$BEC = 1.018$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0002	P	33.2
2	☐	5.000	5.274	3763.86	0.0686	P	7.0
3	☐	50.000	49.922	37494.66	0.6475	P	3.2
4	☐	125.000	122.043	92118.36	1.5826	P	1.2
5	☐	250.000	256.722	186747.47	3.3289	P	5.1
6	☐	500.000	495.466	367311.93	6.4245	P	1.4
7	☐	1000.000	1000.959	726634.77	12.9788	P	1.1
8	☐			265.56	0.0048	P	14.9

$$y = 0.0130 * x + 1.8711\text{E-}004$$

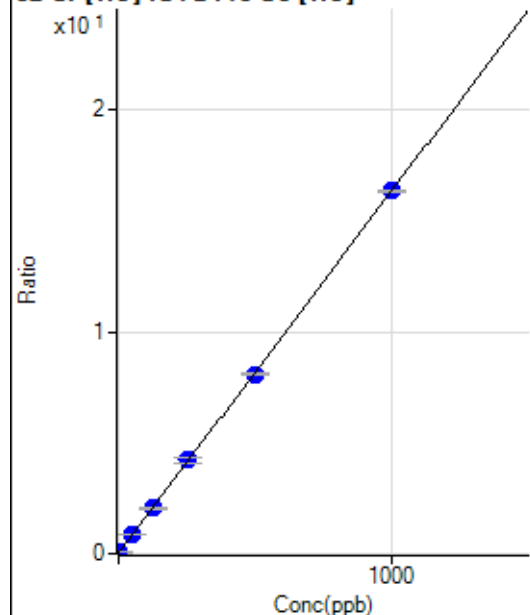
$$R = 1.0000$$

$$DL = 0.01438$$

$$BEC = 0.01443$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	871.15	0.0163	P	3.1
2	☐	2.000	2.041	2723.62	0.0496	P	2.0
3	☐	50.000	50.360	48507.47	0.8376	P	2.3
4	☐	125.000	124.014	118667.33	2.0387	P	1.1
5	☐	250.000	256.964	236035.65	4.2069	P	4.6
6	☐	500.000	495.261	462689.75	8.0930	P	1.7
7	☐	1000.000	1000.733	914616.72	16.3363	P	0.8
8	☐			26974.80	0.4858	P	4.9

$$y = 0.0163 * x + 0.0163$$

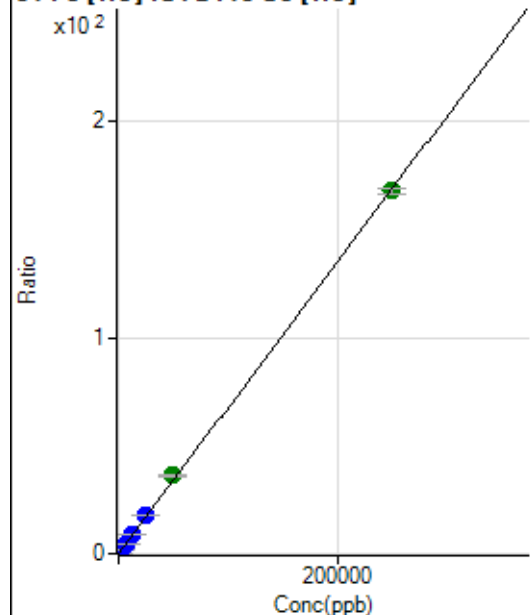
$$R = 1.0000$$

$$DL = 0.09271$$

$$BEC = 1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	490.76	0.0092	P	12.8
2	☐	50.000	55.589	2559.54	0.0466	P	3.6
3	☐	2500.000	2638.104	103393.48	1.7855	P	3.0
4	☐	6250.000	6534.754	256652.85	4.4093	P	0.6
5	☐	12500.000	13524.947	511569.41	9.1161	P	4.0
6	☐	25000.000	26071.843	1004161.26	17.5644	P	1.8
7	☐	50000.000	53489.003	2017024.49	36.0254	A	0.6
8	☐	250000.00	249135.26	9313421.27	167.7615	A	1.3

$$y = 6.7334E-004 * x + 0.0092$$

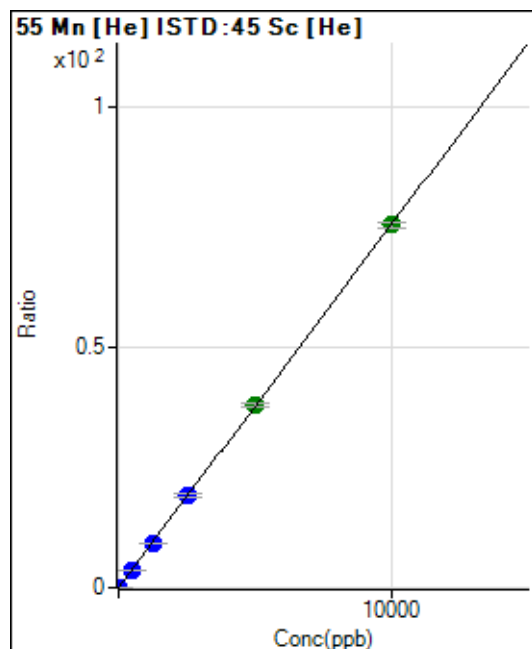
$$R = 0.9999$$

$$DL = 5.258$$

$$BEC = 13.64$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	98.89	0.0019	P	6.2
2	☐	1.000	0.942	493.34	0.0090	P	0.7
3	☐	500.000	498.285	218540.70	3.7734	P	1.7
4	☐	1250.000	1229.152	541640.79	9.3055	P	0.5
5	☐	2500.000	2544.874	1081041.36	19.2643	P	4.0
6	☐	5000.000	5011.271	2168715.13	37.9328	A	2.3
7	☐	10000.000	9985.838	4231669.69	75.5859	A	1.6
8	☐			5055.39	0.0911	P	3.2

$$y = 0.0076 * x + 0.0019$$

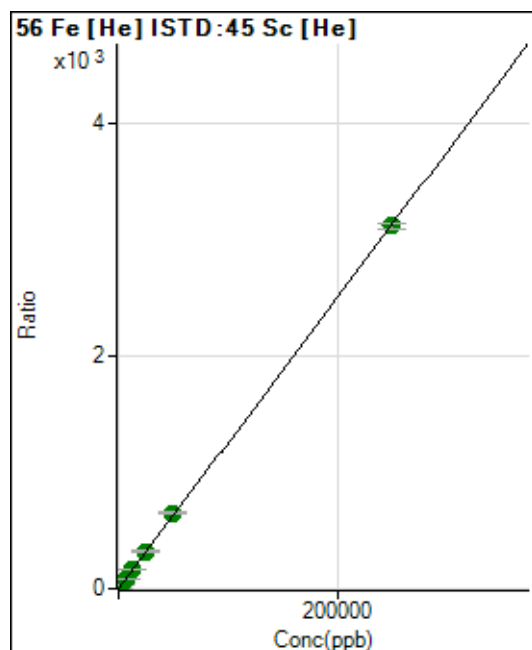
$$R = 1.0000$$

$$DL = 0.04545$$

$$BEC = 0.2447$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3187.45	0.0597	P	3.4
2	☐	50.000	54.498	40615.39	0.7397	P	3.4
3	☐	2500.000	2613.503	1892309.43	32.6707	A	1.1
4	☐	6250.000	6365.854	4626972.84	79.4922	A	1.3
5	☐	12500.000	13076.467	9158510.51	163.2266	A	4.5
6	☐	25000.000	25708.031	18343858.97	320.8421	A	1.3
7	☐	50000.000	51997.239	36327492.94	648.8763	A	1.3
8	☐	250000.00	249496.89	172835359.4	3,113.258	A	1.2

$$y = 0.0125 * x + 0.0597$$

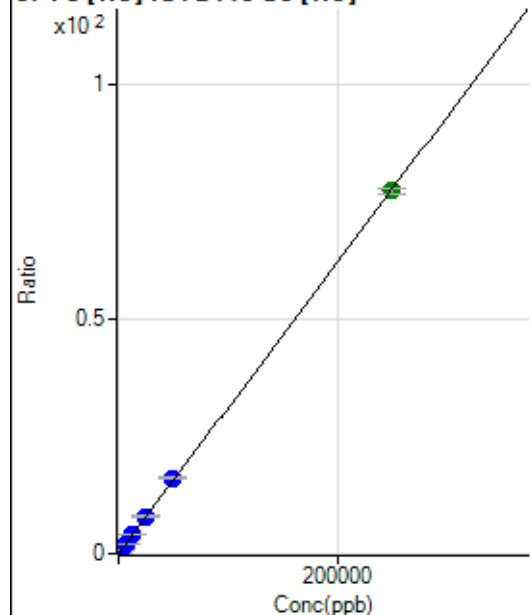
$$R = 1.0000$$

$$DL = 0.4938$$

$$BEC = 4.783$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	124.08	0.0023	P	29.6
2	☐	50.000	52.745	1025.98	0.0187	P	10.6
3	☐	2500.000	2600.616	46877.15	0.8094	P	1.4
4	☐	6250.000	6415.926	116028.41	1.9934	P	0.1
5	☐	12500.000	13262.995	231097.59	4.1182	P	4.2
6	☐	25000.000	25744.338	456870.59	7.9915	P	1.9
7	☐	50000.000	52022.787	903957.65	16.1464	P	1.4
8	☐	250000.00	249477.70	4297993.06	77.4221	A	1.6

$$y = 3.1033\text{E-}004 * x + 0.0023$$

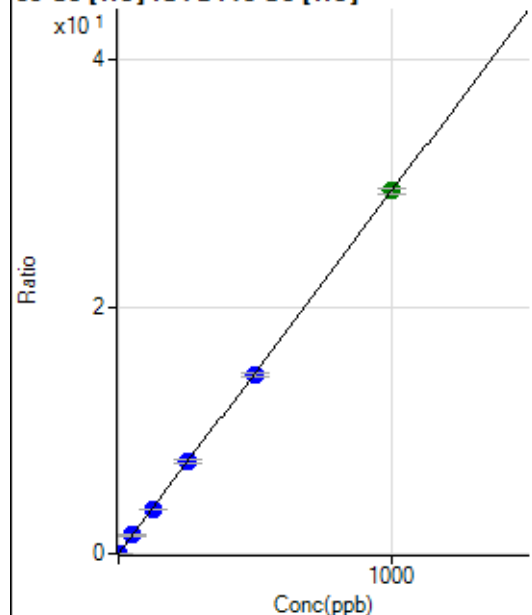
$$R = 1.0000$$

$$DL = 6.667$$

$$BEC = 7.501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	54.45	0.0010	P	41.8
2	☐	1.000	0.972	1623.45	0.0296	P	2.2
3	☐	50.000	50.695	86219.99	1.4890	P	3.2
4	☐	125.000	124.259	212347.24	3.6481	P	0.3
5	☐	250.000	256.248	422023.21	7.5221	P	4.7
6	☐	500.000	495.235	831071.14	14.5367	P	2.0
7	☐	1000.000	1000.878	1644714.94	29.3778	A	1.5
8	☐			3009.23	0.0542	P	3.1

$$y = 0.0294 * x + 0.0010$$

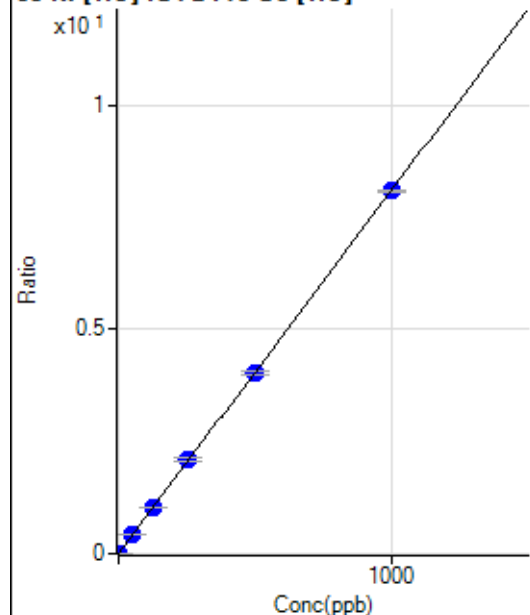
$$R = 1.0000$$

$$DL = 0.0436$$

$$BEC = 0.03473$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	117.78	0.0022	P	16.2
2	☐	1.000	1.149	632.24	0.0115	P	5.6
3	☐	50.000	51.411	24219.56	0.4182	P	3.2
4	☐	125.000	124.637	58836.49	1.0108	P	0.8
5	☐	250.000	258.976	117696.39	2.0979	P	5.0
6	☐	500.000	498.375	230703.88	4.0353	P	1.6
7	☐	1000.000	998.543	452538.00	8.0828	P	0.7
8	☐			8749.43	0.1576	P	2.3

$$y = 0.0081 * x + 0.0022$$

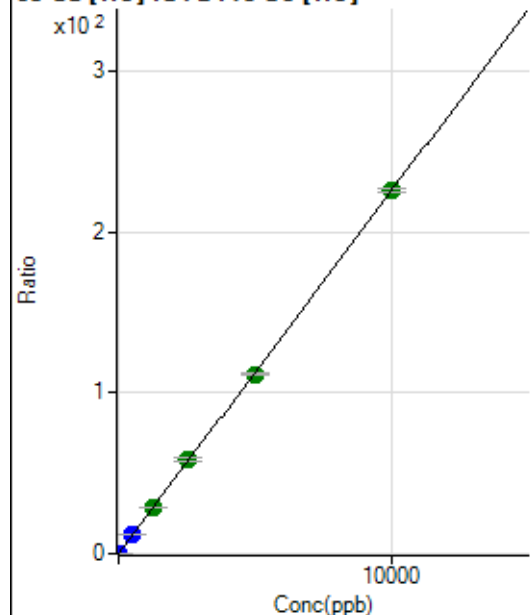
$$R = 1.0000$$

$$DL = 0.1326$$

$$BEC = 0.2727$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	247.78	0.0046	P	3.1
2	☐	2.000	2.103	2856.98	0.0520	P	3.0
3	☐	500.000	514.850	672267.67	11.6080	P	2.1
4	☐	1250.000	1266.013	1661094.65	28.5373	A	1.1
5	☐	2500.000	2599.526	3288834.74	58.5913	A	3.1
6	☐	5000.000	4951.304	6380171.09	111.5943	A	1.4
7	☐	10000.000	9996.722	12613981.76	225.3050	A	1.2
8	☐			9585.54	0.1727	P	1.8

$$y = 0.0225 * x + 0.0046$$

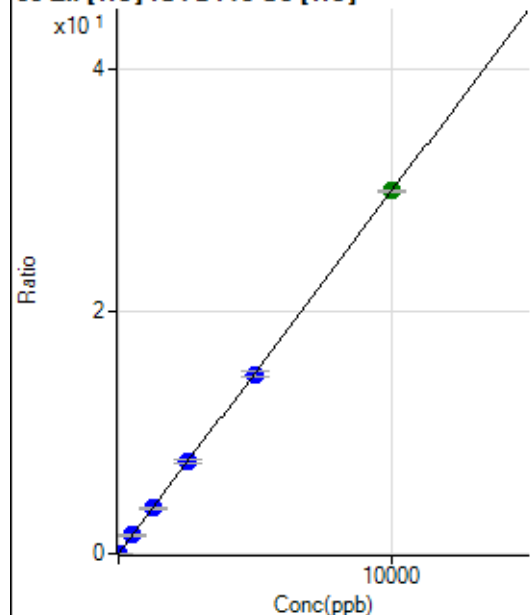
$$R = 0.9999$$

$$DL = 0.01885$$

$$BEC = 0.2059$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.41	0.0011	P	25.2
2	☐	2.000	2.200	424.55	0.0077	P	8.6
3	☐	500.000	505.067	87566.18	1.5120	P	2.1
4	☐	1250.000	1246.653	217138.61	3.7304	P	0.1
5	☐	2500.000	2556.973	429270.16	7.6502	P	4.3
6	☐	5000.000	4955.185	847457.75	14.8243	P	2.4
7	☐	10000.000	10008.329	1676322.34	29.9404	A	0.3
8	☐			9227.96	0.1663	P	4.6

$$y = 0.0030 * x + 0.0011$$

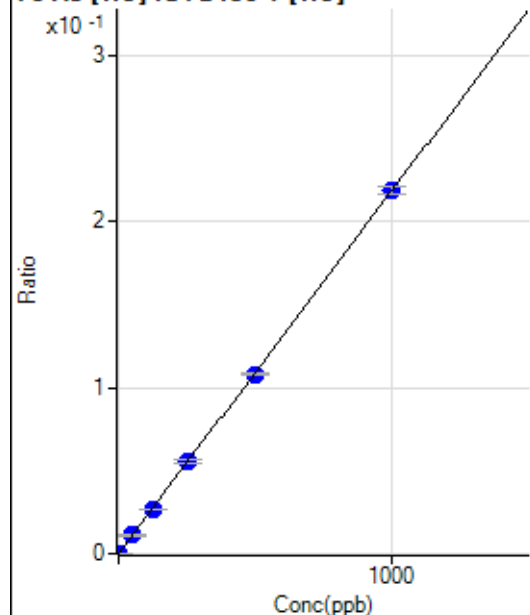
$$R = 1.0000$$

$$DL = 0.2909$$

$$BEC = 0.3844$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.67	0.0000	P	42.6
2	☐	1.000	1.081	129.35	0.0002	P	11.1
3	☐	50.000	50.708	6221.67	0.0111	P	3.5
4	☐	125.000	123.541	15437.30	0.0269	P	0.2
5	☐	250.000	254.872	30858.95	0.0555	P	4.3
6	☐	500.000	495.897	60911.29	0.1081	P	0.8
7	☐	1000.000	1000.980	121744.17	0.2181	P	2.1
8	☐			61.34	0.0001	P	2.0

$$y = 2.1792E-004 * x + 5.1036E-006$$

$$R = 1.0000$$

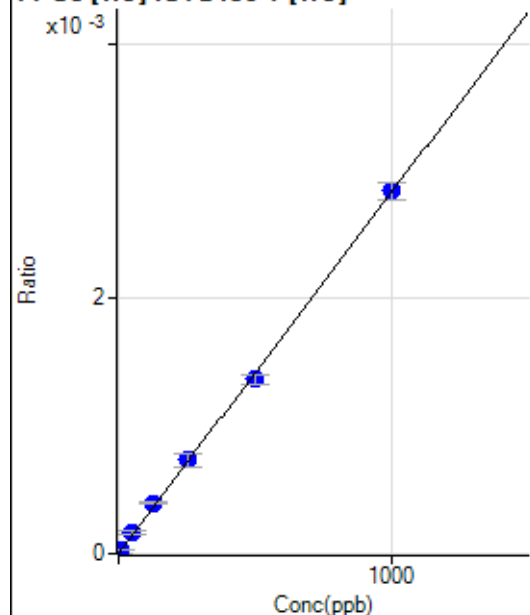
$$DL = 0.02993$$

$$BEC = 0.02342$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	9.476	15.55	0.0000	P	24.4
3	☐	50.000	57.989	93.33	0.0002	P	14.8
4	☐	125.000	140.438	228.89	0.0004	P	5.7
5	☐	250.000	258.290	406.68	0.0007	P	13.2
6	☐	500.000	481.776	768.92	0.0014	P	4.7
7	☐	1000.000	1004.688	1587.89	0.0028	P	4.8
8	☐			1.11	0.0000	P	173.2

$$y = 2.8274\text{E-}006 * x + 2.1539\text{E-}006$$

$$R = 0.9996$$

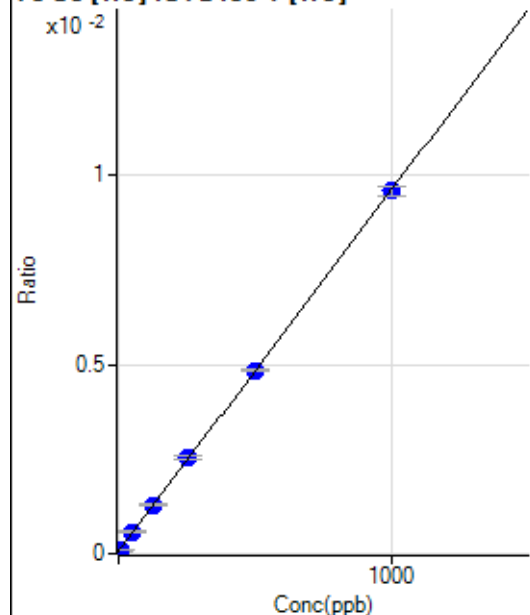
$$DL = 3.958$$

$$BEC = 0.7618$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.67	0.0001	P	14.0
2	☐	5.000	3.951	58.01	0.0001	P	10.8
3	☐	50.000	53.607	327.71	0.0006	P	1.7
4	☐	125.000	127.783	739.76	0.0013	P	6.0
5	☐	250.000	258.270	1409.55	0.0025	P	3.0
6	☐	500.000	500.116	2730.88	0.0048	P	1.7
7	☐	1000.000	997.352	5353.56	0.0096	P	2.4
8	☐			32.33	0.0001	P	32.6

$$y = 9.5475\text{E-}006 * x + 7.0335\text{E-}005$$

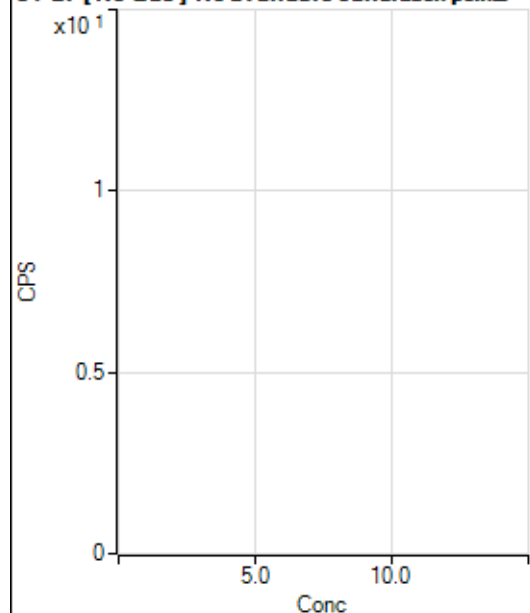
$$R = 1.0000$$

$$DL = 3.085$$

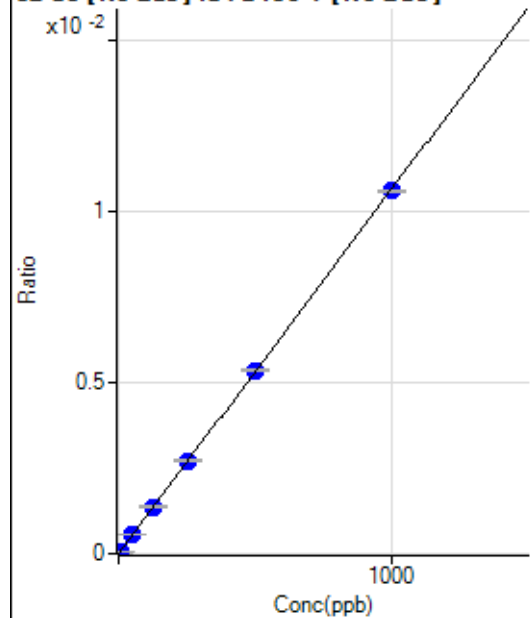
$$BEC = 7.367$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1738.57		P	11.3
2	☐			1768.61		P	5.4
3	☐			1695.19		P	7.0
4	☐			1741.91		P	4.7
5	☐			1504.97		P	21.8
6	☐			1511.64		P	10.4
7	☐			1588.40		P	3.5
8	☐			1768.61		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-48.03	0.0000	P	-34.4
2	☐	5.000	5.092	187.66	0.0000	P	27.8
3	☐	50.000	51.766	2458.36	0.0005	P	2.0
4	☐	125.000	128.171	6335.29	0.0014	P	3.1
5	☐	250.000	255.239	12617.90	0.0027	P	2.4
6	☐	500.000	503.926	25456.91	0.0054	P	0.6
7	☐	1000.000	996.242	50513.18	0.0106	P	0.3
8	☐			0.12	0.0000	P	-12859.

$$y = 1.0648\text{E-}005 * x - 1.1461\text{E-}005$$

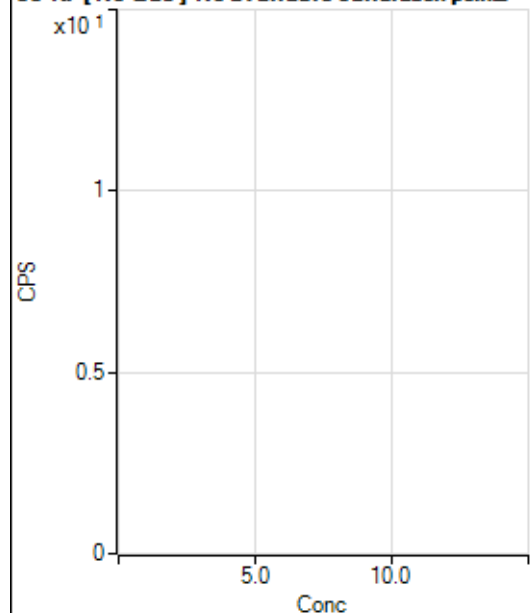
$$R = 1.0000$$

$$DL = 1.11$$

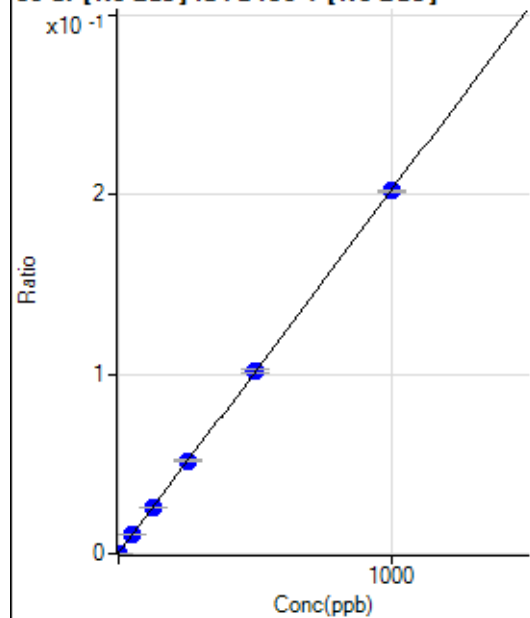
$$BEC = -1.076$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			723.36		P	0.8
2	☐			722.25		P	6.4
3	☐			700.03		P	10.3
4	☐			694.47		P	11.5
5	☐			741.14		P	3.8
6	☐			694.47		P	8.6
7	☐			696.69		P	3.7
8	☐			667.80		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1130.63	0.0003	P	9.3
2	☐	1.000	1.000	2086.32	0.0005	P	8.6
3	☐	50.000	51.022	48172.38	0.0106	P	1.0
4	☐	125.000	125.246	119670.47	0.0256	P	0.3
5	☐	250.000	253.760	240223.20	0.0515	P	1.9
6	☐	500.000	501.816	483059.58	0.1016	P	1.3
7	☐	1000.000	998.070	962130.13	0.2018	P	0.5
8	☐			2992.07	0.0006	P	10.1

$$y = 2.0196E-004 * x + 2.7235E-004$$

$$R = 1.0000$$

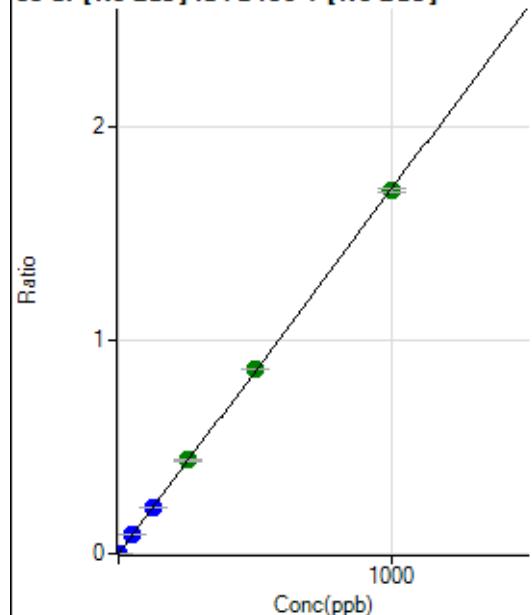
$$DL = 0.377$$

$$BEC = 1.349$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0000	P	25.9
2	☐	1.000	1.051	7994.15	0.0018	P	1.8
3	☐	50.000	52.381	407319.42	0.0894	P	0.9
4	☐	125.000	127.616	1019561.59	0.2178	P	1.4
5	☐	250.000	256.561	2042116.24	0.4379	A	1.3
6	☐	500.000	506.213	4107643.54	0.8640	A	0.9
7	☐	1000.000	994.807	8094027.35	1.6980	A	1.0
8	☐			17614.31	0.0037	P	3.7

$$y = 0.0017 * x + 2.4615E-005$$

$$R = 0.9999$$

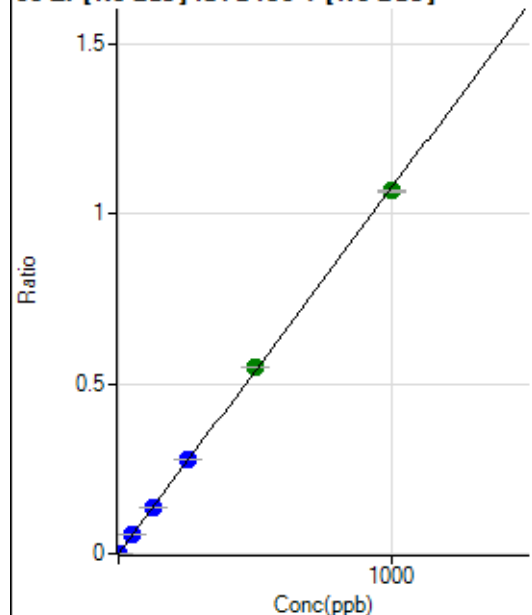
$$DL = 0.01122$$

$$BEC = 0.01442$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	180.56	0.0000	P	27.9
2	☐	1.000	0.958	4725.93	0.0011	P	5.3
3	☐	50.000	52.133	256012.10	0.0562	P	0.1
4	☐	125.000	127.990	645565.13	0.1379	P	1.1
5	☐	250.000	258.158	1297040.37	0.2782	P	1.5
6	☐	500.000	511.198	2618339.79	0.5508	A	0.5
7	☐	1000.000	991.881	5093989.22	1.0686	A	0.8
8	☐			1414.00	0.0003	P	1.2

$$y = 0.0011 * x + 4.3060E-005$$

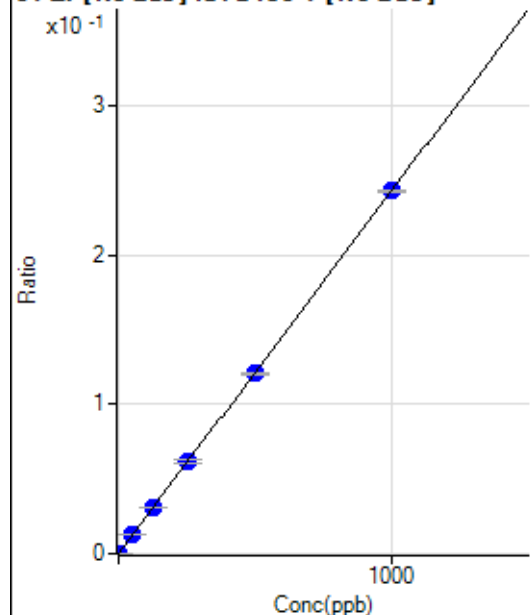
$$R = 0.9999$$

$$DL = 0.03342$$

$$BEC = 0.03997$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	18.8
2	☐	1.000	0.939	1041.73	0.0002	P	4.1
3	☐	50.000	51.213	56763.51	0.0125	P	0.2
4	☐	125.000	126.312	143811.97	0.0307	P	0.7
5	☐	250.000	253.689	287654.75	0.0617	P	2.8
6	☐	500.000	497.552	575225.88	0.1210	P	0.8
7	☐	1000.000	1000.077	1159313.49	0.2432	P	0.2
8	☐			272.23	0.0001	P	7.2

$$y = 2.4318\text{E-}004 * x + 8.7442\text{E-}006$$

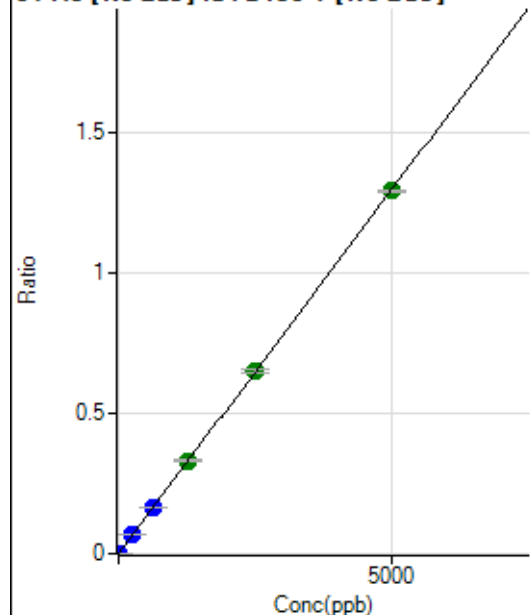
$$R = 1.0000$$

$$DL = 0.02026$$

$$BEC = 0.03596$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.34	0.0000	P	76.6
2	☐	5.000	5.187	5957.00	0.0014	P	0.8
3	☐	250.000	259.737	305959.98	0.0672	P	0.2
4	☐	625.000	639.524	773977.00	0.1654	P	1.8
5	☐	1250.000	1271.760	1533261.62	0.3289	A	2.1
6	☐	2500.000	2510.130	3085810.94	0.6491	A	1.5
7	☐	5000.000	4987.192	6147003.05	1.2896	A	0.8
8	☐			4742.59	0.0010	P	0.7

$$y = 2.5857\text{E-}004 * x + 1.3704\text{E-}005$$

$$R = 1.0000$$

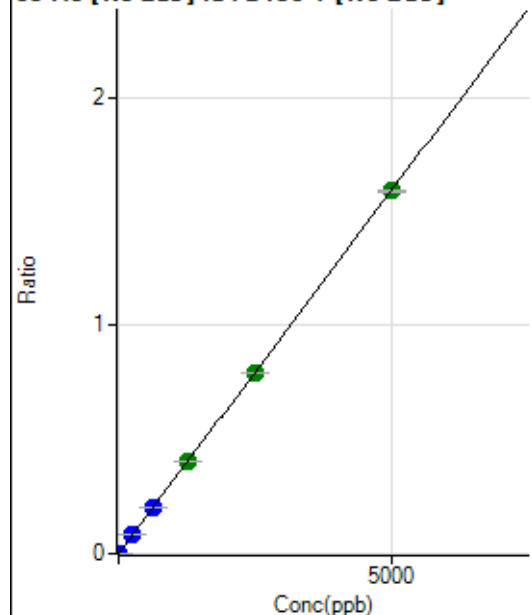
$$DL = 0.1217$$

$$BEC = 0.053$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	76.5
2	☐	5.000	5.412	7602.27	0.0017	P	1.7
3	☐	250.000	258.213	374658.19	0.0823	P	1.3
4	☐	625.000	639.103	952868.43	0.2036	P	1.3
5	☐	1250.000	1271.681	1888837.65	0.4051	A	1.8
6	☐	2500.000	2498.939	3784427.77	0.7960	A	0.0
7	☐	5000.000	4992.936	7581504.77	1.5905	A	0.5
8	☐			6935.21	0.0015	P	4.5

$$y = 3.1855\text{E-}004 * x + 5.3540\text{E-}006$$

$$R = 1.0000$$

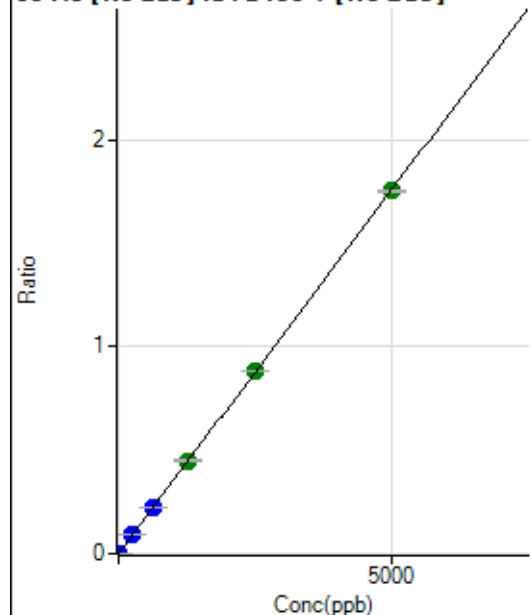
$$DL = 0.03855$$

$$BEC = 0.01681$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	10.3
2	☐	5.000	5.475	8519.53	0.0019	P	4.6
3	☐	250.000	258.469	413486.81	0.0908	P	0.8
4	☐	625.000	636.478	1046165.82	0.2235	P	1.6
5	☐	1250.000	1274.388	2086888.39	0.4475	A	1.3
6	☐	2500.000	2507.149	4185737.42	0.8805	A	0.3
7	☐	5000.000	4988.470	8350484.91	1.7518	A	0.7
8	☐			7713.45	0.0016	P	0.8

$$y = 3.5118\text{E-}004 * x + 1.5413\text{E-}005$$

$$R = 1.0000$$

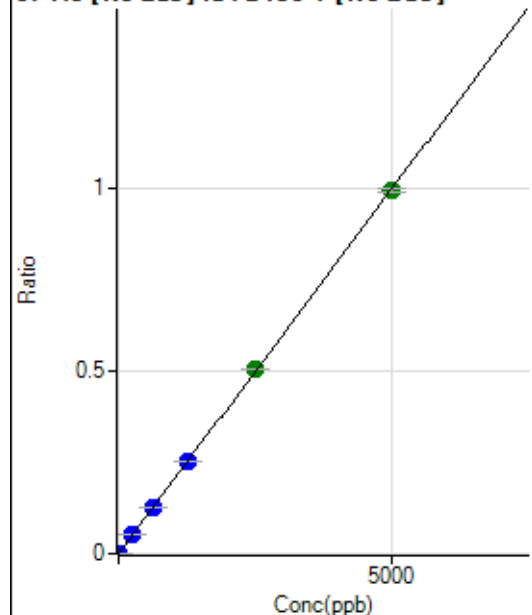
$$DL = 0.01358$$

$$BEC = 0.04389$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	67.9
2	☐	5.000	5.233	4606.46	0.0010	P	7.6
3	☐	250.000	258.025	234502.88	0.0515	P	0.7
4	☐	625.000	625.444	584092.04	0.1248	P	1.0
5	☐	1250.000	1269.076	1180652.93	0.2532	P	1.7
6	☐	2500.000	2531.356	2401120.06	0.5051	A	0.2
7	☐	5000.000	4979.096	4735476.58	0.9934	A	0.9
8	☐			4170.19	0.0009	P	4.7

$$y = 1.9952E-004 * x + 3.3262E-006$$

$$R = 1.0000$$

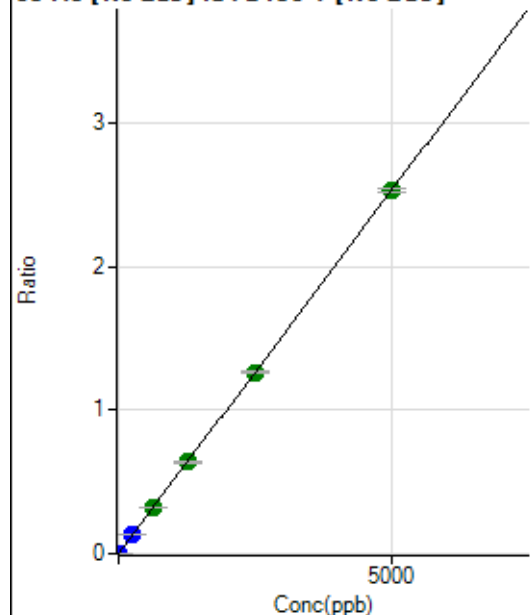
$$DL = 0.03395$$

$$BEC = 0.01667$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	20.3
2	☐	5.000	5.493	12272.42	0.0028	P	2.0
3	☐	250.000	260.715	601661.96	0.1321	P	0.2
4	☐	625.000	627.916	1488924.61	0.3181	A	1.6
5	☐	1250.000	1267.071	2993113.69	0.6420	A	2.0
6	☐	2500.000	2500.579	6022683.25	1.2669	A	0.8
7	☐	5000.000	4994.542	12061776.66	2.5304	A	1.2
8	☐			10860.08	0.0023	P	0.7

$$y = 5.0664E-004 * x + 7.9672E-006$$

$$R = 1.0000$$

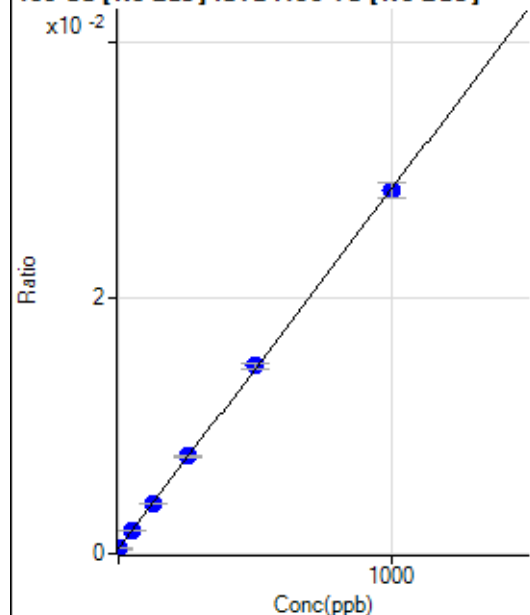
$$DL = 0.009575$$

$$BEC = 0.01573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	986.17	0.0004	P	16.7
2	☐	1.000	2.740	1222.31	0.0005	P	5.9
3	☐	50.000	52.120	4862.09	0.0019	P	0.9
4	☐	125.000	123.910	10512.58	0.0039	P	1.8
5	☐	250.000	256.608	20690.98	0.0076	P	3.2
6	☐	500.000	507.665	40538.03	0.0147	P	3.3
7	☐	1000.000	994.544	79442.44	0.0284	P	4.1
8	☐			1105.63	0.0004	P	10.4

$$y = 2.8117\text{E-}005 * x + 4.0535\text{E-}004$$

R = 0.9999

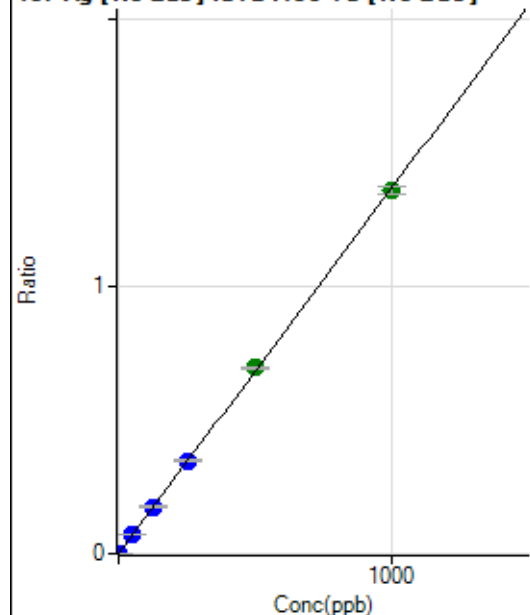
DL = 7.238

BEC = 14.42

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	3.0
2	☐	1.000	0.911	3175.46	0.0013	P	6.0
3	☐	50.000	52.966	188031.88	0.0724	P	2.3
4	☐	125.000	128.713	475186.27	0.1758	P	0.9
5	☐	250.000	255.267	946948.50	0.3487	P	1.4
6	☐	500.000	509.216	1921175.13	0.6956	A	1.3
7	☐	1000.000	993.463	3800566.19	1.3570	A	2.2
8	☐			1086.19	0.0004	P	9.0

$$y = 0.0014 * x + 1.0261\text{E-}005$$

R = 0.9999

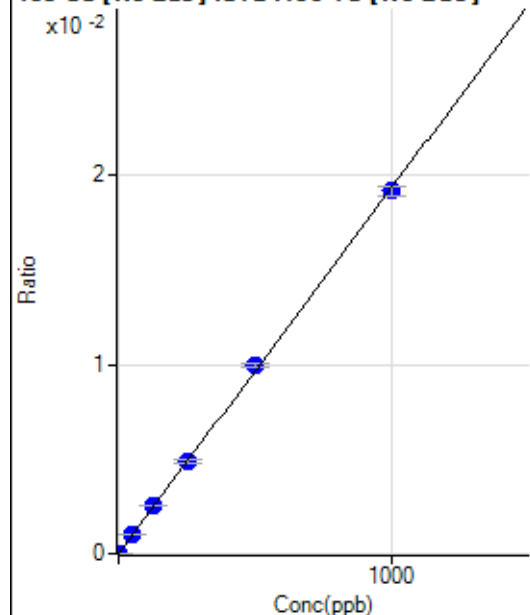
DL = 0.0006788

BEC = 0.007512

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.39	0.0000	P	173.2
2	☐	1.000	1.334	66.67	0.0000	P	18.2
3	☐	50.000	54.237	2725.31	0.0010	P	2.8
4	☐	125.000	131.390	6864.29	0.0025	P	2.9
5	☐	250.000	251.072	13175.85	0.0049	P	4.1
6	☐	500.000	513.197	27392.51	0.0099	P	2.0
7	☐	1000.000	992.123	53696.91	0.0192	P	2.5
8	☐			36.11	0.0000	P	5.5

$$y = 1.9325E-005 * x + 5.8842E-007$$

$$R = 0.9999$$

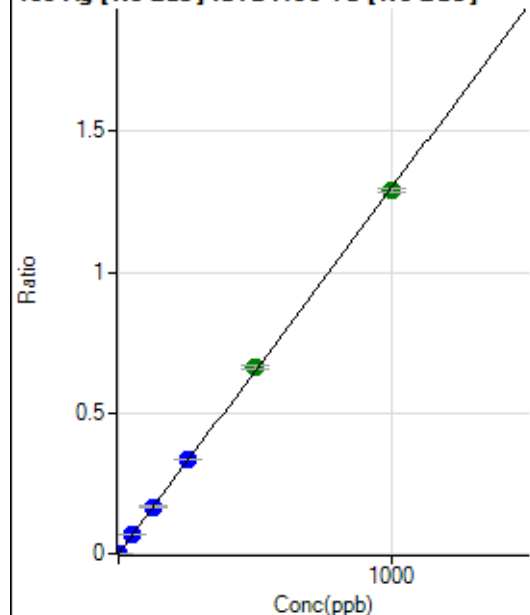
$$DL = 0.1582$$

$$BEC = 0.03045$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	31.7
2	☐	1.000	0.906	3008.74	0.0012	P	8.0
3	☐	50.000	52.854	178464.61	0.0687	P	1.9
4	☐	125.000	128.811	452287.37	0.1673	P	1.1
5	☐	250.000	257.882	909829.80	0.3350	P	1.5
6	☐	500.000	510.231	1830923.05	0.6629	A	1.1
7	☐	1000.000	992.295	3610772.56	1.2891	A	1.2
8	☐			1011.18	0.0004	P	5.2

$$y = 0.0013 * x + 1.0231E-005$$

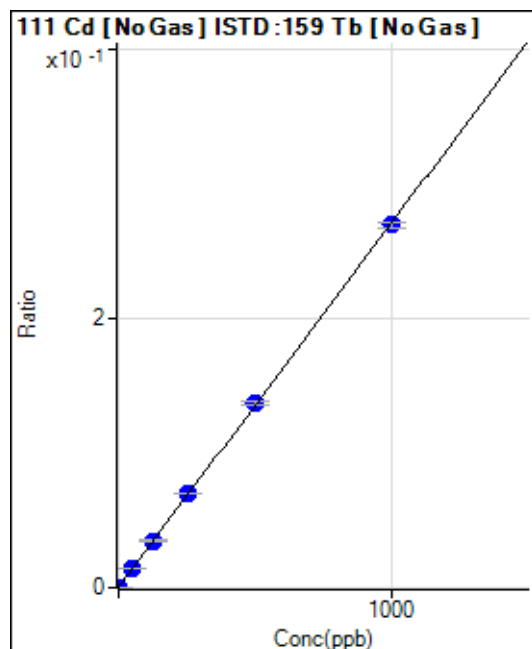
$$R = 0.9999$$

$$DL = 0.007498$$

$$BEC = 0.007876$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	696.29	0.0003	P	17.0
2	☐	1.000	1.111	1488.14	0.0006	P	3.6
3	☐	50.000	53.223	38232.14	0.0147	P	1.3
4	☐	125.000	127.663	94292.86	0.0349	P	1.2
5	☐	250.000	256.759	189764.19	0.0699	P	1.4
6	☐	500.000	505.892	379479.25	0.1374	P	2.1
7	☐	1000.000	994.870	756021.45	0.2699	P	1.6
8	☐			1065.34	0.0004	P	4.2

$$y = 2.7103\text{E-}004 * x + 2.8622\text{E-}004$$

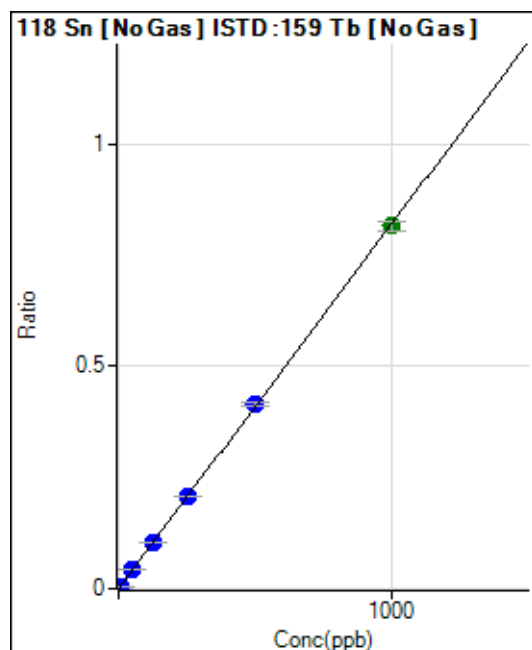
$$R = 0.9999$$

$$DL = 0.5393$$

$$BEC = 1.056$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.89	0.0001	P	11.7
2	☐	5.000	5.283	11168.71	0.0044	P	5.0
3	☐	50.000	51.742	110376.73	0.0425	P	3.7
4	☐	125.000	127.496	282580.63	0.1046	P	2.0
5	☐	250.000	254.703	567124.52	0.2088	P	0.4
6	☐	500.000	506.003	1145529.08	0.4148	P	1.6
7	☐	1000.000	995.422	2284839.53	0.8158	A	2.6
8	☐			2116.90	0.0008	P	6.6

$$y = 8.1951\text{E-}004 * x + 7.7403\text{E-}005$$

$$R = 1.0000$$

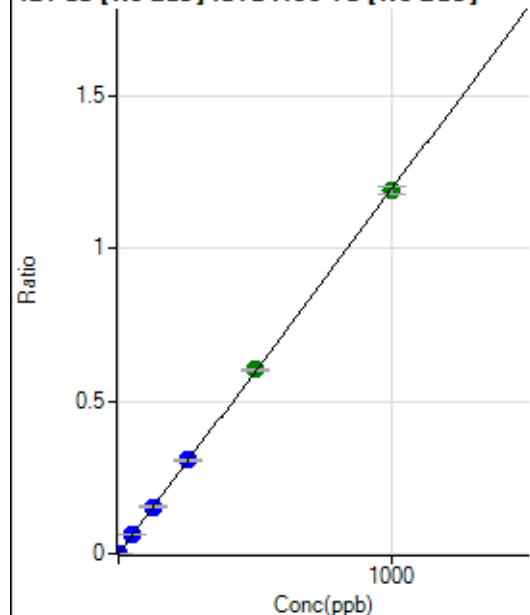
$$DL = 0.03326$$

$$BEC = 0.09445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	98.9
2	☐	2.000	2.051	6198.80	0.0024	P	6.8
3	☐	50.000	52.605	162966.62	0.0627	P	2.4
4	☐	125.000	128.935	415404.38	0.1537	P	1.0
5	☐	250.000	256.282	829701.12	0.3055	P	1.0
6	☐	500.000	504.159	1660001.71	0.6010	A	1.0
7	☐	1000.000	995.728	3324431.41	1.1870	A	2.2
8	☐			2375.27	0.0009	P	2.8

$$y = 0.0012 * x + 3.4497E-006$$

$$R = 1.0000$$

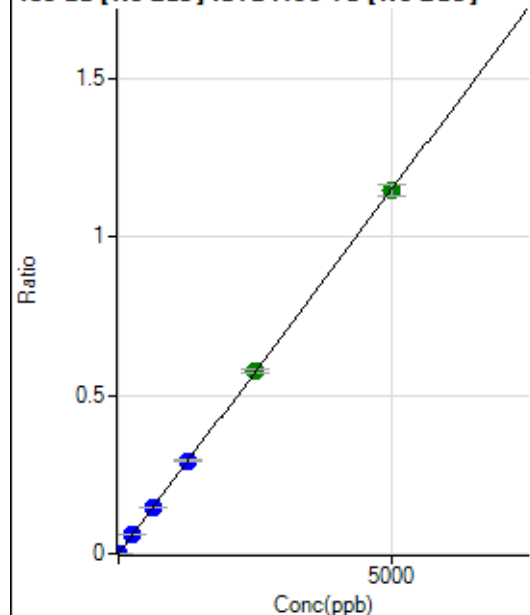
$$DL = 0.008587$$

$$BEC = 0.002894$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	101.2
2	☐	10.000	10.549	6146.00	0.0024	P	2.7
3	☐	250.000	257.986	153961.37	0.0592	P	2.9
4	☐	625.000	631.126	391718.57	0.1449	P	0.8
5	☐	1250.000	1273.532	794223.18	0.2925	P	1.5
6	☐	2500.000	2515.908	1595677.81	0.5778	A	2.1
7	☐	5000.000	4984.997	3205874.90	1.1448	A	3.3
8	☐			6226.64	0.0023	P	6.5

$$y = 2.2964E-004 * x + 3.4887E-006$$

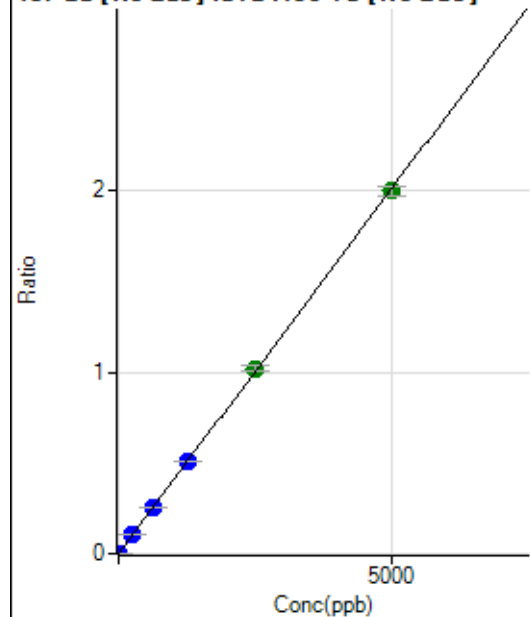
$$R = 1.0000$$

$$DL = 0.0461$$

$$BEC = 0.01519$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	80.6
2	☐	10.000	10.174	10376.52	0.0041	P	2.7
3	☐	250.000	257.860	269200.32	0.1036	P	1.9
4	☐	625.000	630.567	684546.73	0.2533	P	1.5
5	☐	1250.000	1267.966	1383223.55	0.5093	P	1.2
6	☐	2500.000	2541.195	2819098.61	1.0208	A	2.5
7	☐	5000.000	4973.822	5595373.91	1.9979	A	2.6
8	☐			10879.60	0.0040	P	2.7

$$y = 4.0168\text{E-}004 * x + 9.2612\text{E-}006$$

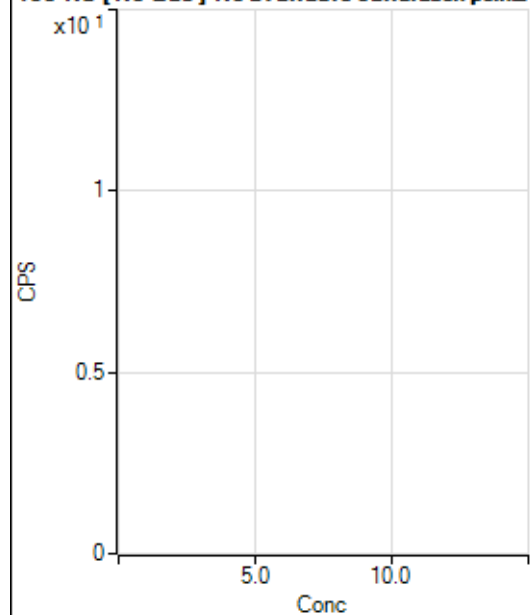
$$R = 0.9999$$

$$DL = 0.05575$$

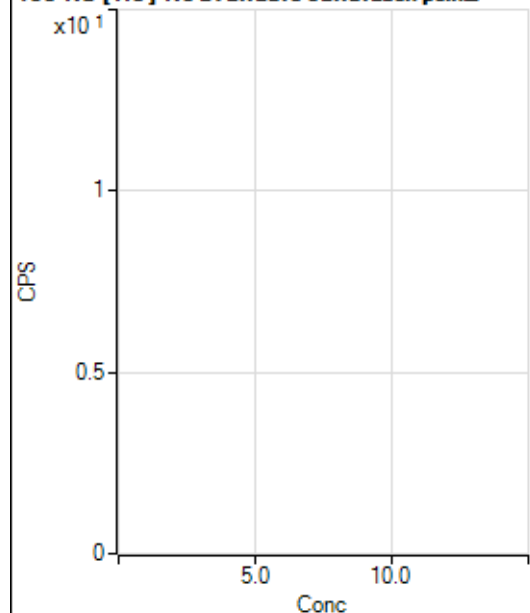
$$BEC = 0.02306$$

Weight: <None>

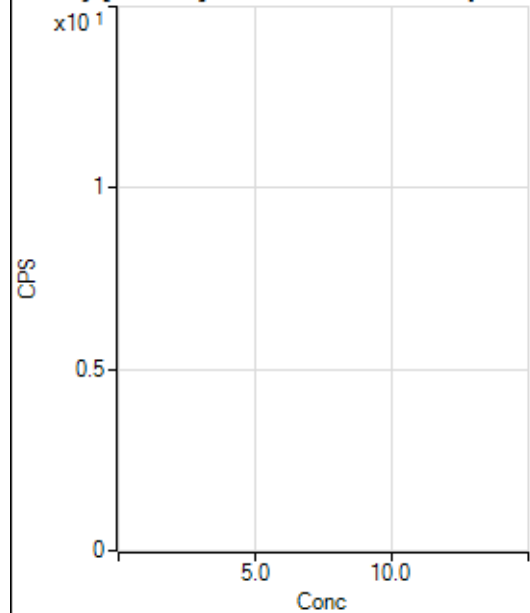
Min Conc: 0

150 Nd [No Gas] No available calibration points

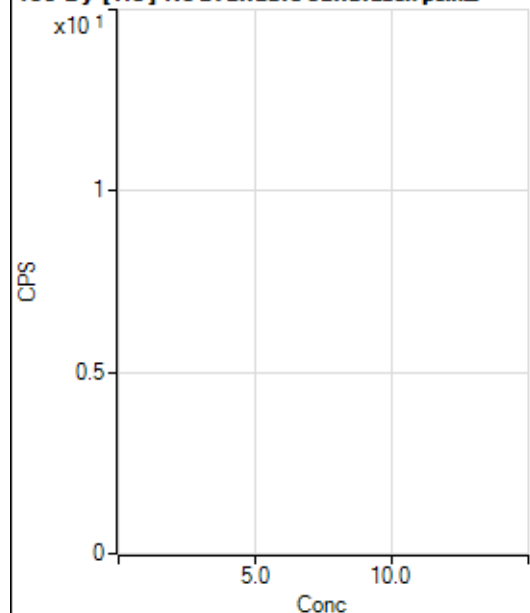
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	100.0
2	☐			0.00		P	
3	☐			4.44		P	173.2
4	☐			24.45		P	15.8
5	☐			40.00		P	16.7
6	☐			57.78		P	35.3
7	☐			80.00		P	16.7
8	☐			22.22		P	45.8

150 Nd [He] No available calibration points

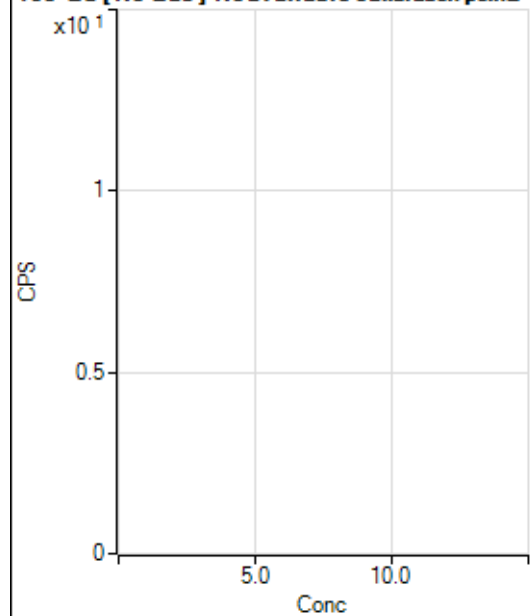
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			6.67		P	50.0
7	☐			4.45		P	86.6
8	☐			11.11		P	17.3

156 Dy [No Gas] No available calibration points

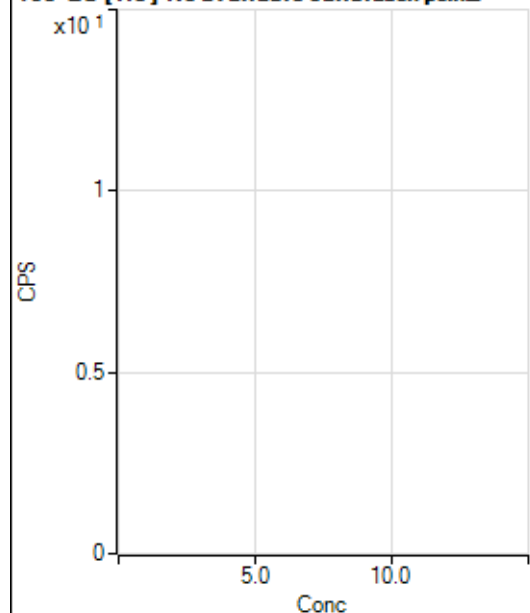
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	34.7
2	☐			19.44		P	65.5
3	☐			8.33		P	0.0
4	☐			5.55		P	86.6
5	☐			16.67		P	50.0
6	☐			27.78		P	17.3
7	☐			77.78		P	44.6
8	☐			183.34		P	32.8

156 Dy [He] No available calibration points

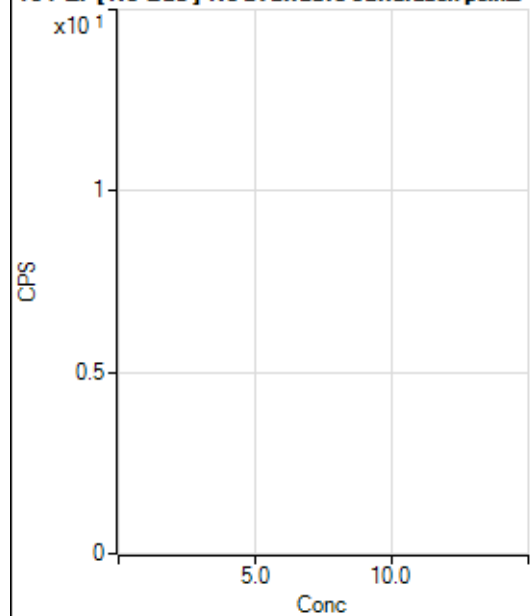
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐			1.11		P	173.2
3	☐			3.33		P	173.2
4	☐			3.33		P	100.1
5	☐			7.78		P	99.0
6	☐			18.89		P	27.0
7	☐			28.89		P	43.7
8	☐			107.78		P	7.1

160 Gd [No Gas] Noavailable calibration poin_

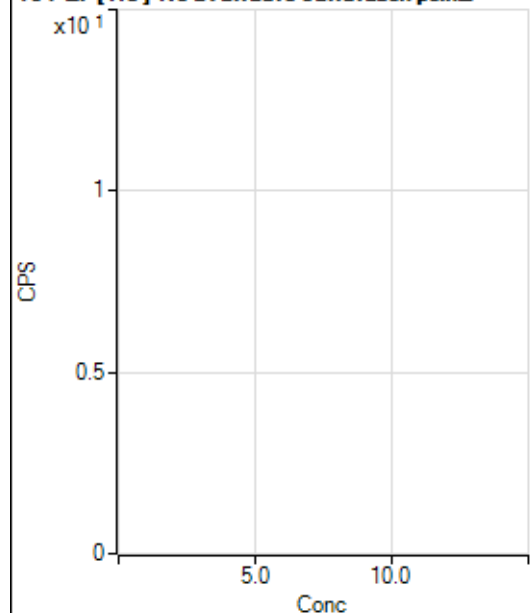
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.00		P	88.2
2	☐			25.00		P	100.0
3	☐			33.34		P	66.1
4	☐			19.44		P	65.5
5	☐			33.34		P	66.1
6	☐			61.11		P	41.7
7	☐			72.22		P	6.7
8	☐			200.01		P	16.7

160 Gd [He] No available calibration points

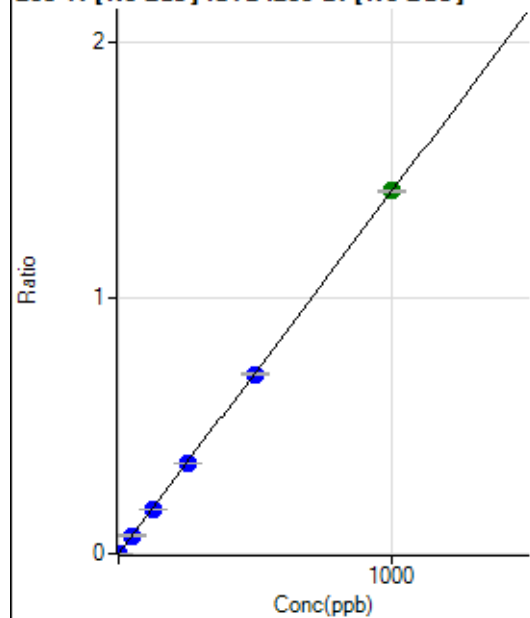
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.45		P	86.6
2	☐			8.89		P	43.3
3	☐			13.34		P	43.3
4	☐			20.00		P	44.1
5	☐			17.78		P	39.0
6	☐			23.33		P	37.8
7	☐			33.33		P	26.5
8	☐			133.34		P	9.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	69.3
2	☐			13.89		P	69.3
3	☐			16.67		P	50.0
4	☐			13.89		P	69.3
5	☐			16.67		P	50.0
6	☐			16.67		P	50.0
7	☐			33.33		P	75.0
8	☐			33.33		P	0.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			6.67		P	50.0
3	☐			7.78		P	49.5
4	☐			7.78		P	65.5
5	☐			3.33		P	0.0
6	☐			5.56		P	34.7
7	☐			10.00		P	88.2
8	☐			15.55		P	24.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	74.9
2	☐	1.000	0.970	1989.10	0.0014	P	2.9
3	☐	50.000	50.323	105860.30	0.0713	P	1.0
4	☐	125.000	122.754	266126.55	0.1739	P	1.3
5	☐	250.000	249.221	541853.73	0.3530	P	0.2
6	☐	500.000	496.072	1105339.82	0.7026	P	1.1
7	☐	1000.000	1002.423	2256889.11	1.4198	A	0.8
8	☐			1916.86	0.0013	P	5.4

$$y = 0.0014 * x + 1.5849E-005$$

$$R = 1.0000$$

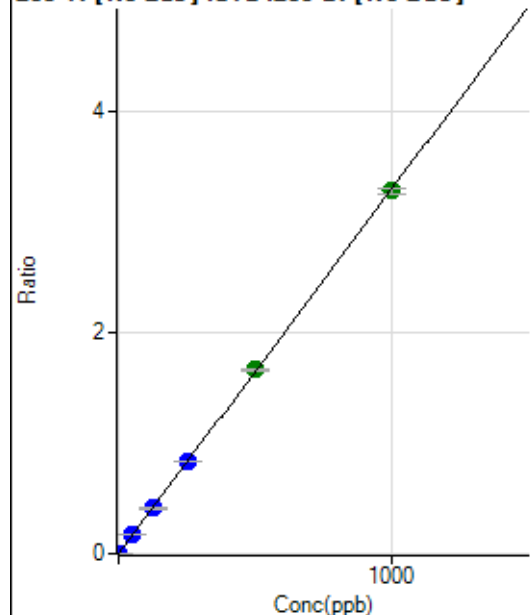
$$DL = 0.02516$$

$$BEC = 0.01119$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72.23	0.0001	P	48.5
2	☐	1.000	0.992	4745.43	0.0033	P	0.6
3	☐	50.000	51.558	251797.22	0.1696	P	1.4
4	☐	125.000	124.713	627676.97	0.4101	P	1.6
5	☐	250.000	255.457	1289435.40	0.8400	P	0.4
6	☐	500.000	505.694	2615786.11	1.6628	A	0.9
7	☐	1000.000	995.747	5204353.55	3.2742	A	1.5
8	☐			4325.85	0.0029	P	8.6

$$y = 0.0033 * x + 5.2733E-005$$

$$R = 1.0000$$

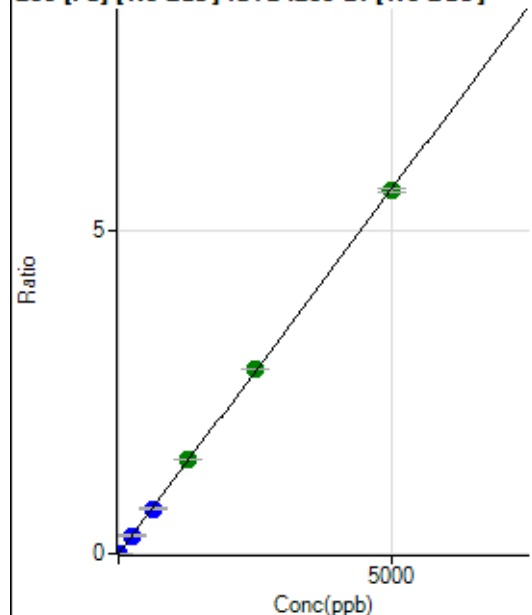
$$DL = 0.02336$$

$$BEC = 0.01604$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0001	P	23.5
2	☐	1.000	1.056	1839.05	0.0013	P	4.2
3	☐	250.000	250.558	419144.62	0.2823	P	1.6
4	☐	625.000	618.566	1066358.07	0.6968	P	1.6
5	☐	1250.000	1282.154	2216693.49	1.4441	A	0.3
6	☐	2500.000	2527.843	4478780.31	2.8471	A	0.3
7	☐	5000.000	4978.816	8913454.94	5.6075	A	0.9
8	☐			9066.26	0.0061	P	2.4

$$y = 0.0011 * x + 9.5432E-005$$

$$R = 0.9999$$

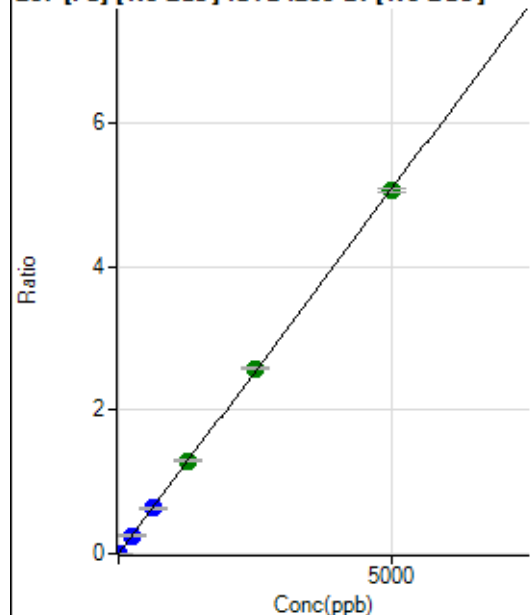
$$DL = 0.05971$$

$$BEC = 0.08473$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0001	P	20.0
2	☐	1.000	0.953	1505.68	0.0011	P	7.0
3	☐	250.000	249.747	376746.39	0.2537	P	0.8
4	☐	625.000	621.849	966780.55	0.6316	P	1.0
5	☐	1250.000	1270.763	1981250.68	1.2907	A	1.3
6	☐	2500.000	2539.354	4057191.01	2.5791	A	0.6
7	☐	5000.000	4975.539	8032420.78	5.0533	A	1.1
8	☐			8282.40	0.0056	P	4.4

$$y = 0.0010 * x + 8.3917E-005$$

$$R = 0.9999$$

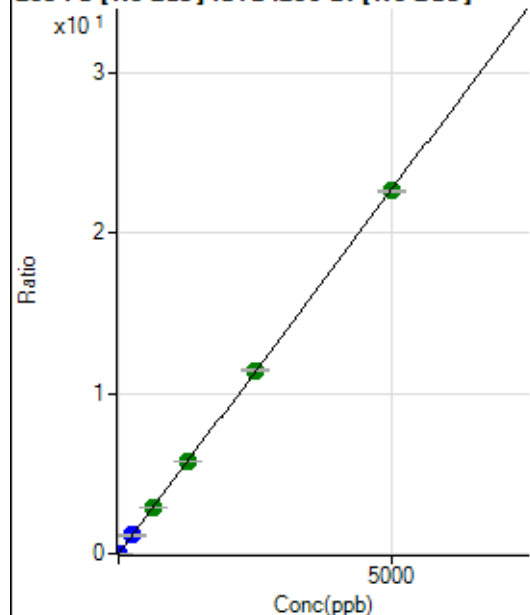
$$DL = 0.04957$$

$$BEC = 0.08263$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	574.09	0.0004	P	12.1
2	☐	1.000	1.012	7163.88	0.0050	P	3.0
3	☐	250.000	251.572	1695437.84	1.1418	P	1.2
4	☐	625.000	629.957	4375131.87	2.8586	A	1.5
5	☐	1250.000	1275.429	8883429.52	5.7873	A	0.8
6	☐	2500.000	2519.197	17981532.41	11.4305	A	0.5
7	☐	5000.000	4983.346	35941537.73	22.6108	A	0.7
8	☐			36281.23	0.0245	P	1.3

$$y = 0.0045 * x + 4.1278E-004$$

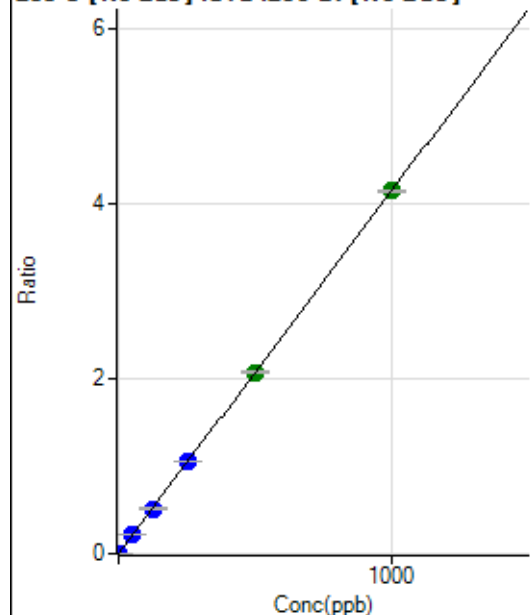
$$R = 1.0000$$

$$DL = 0.03305$$

$$BEC = 0.09098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	0.985	5837.58	0.0041	P	2.5
3	☐	50.000	50.705	311746.79	0.2099	P	1.0
4	☐	125.000	123.530	782764.29	0.5115	P	2.1
5	☐	250.000	252.809	1606787.17	1.0468	P	0.6
6	☐	500.000	498.982	3250085.55	2.0661	A	1.2
7	☐	1000.000	999.955	6581936.17	4.1404	A	0.7
8	☐			786.16	0.0005	P	17.2

$$y = 0.0041 * x + 0.0000E+000$$

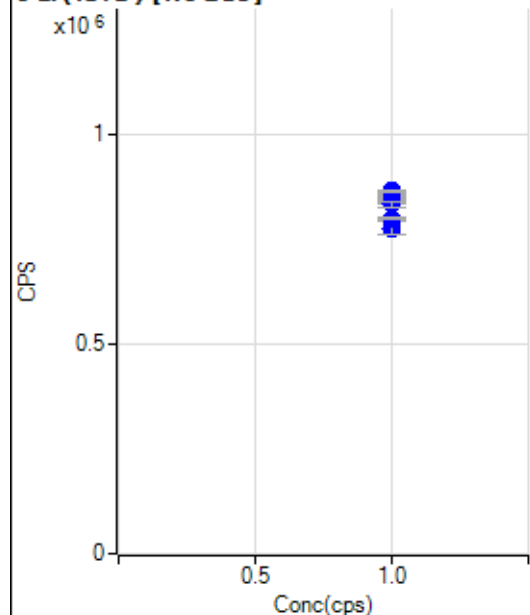
$$R = 1.0000$$

$$DL = 0$$

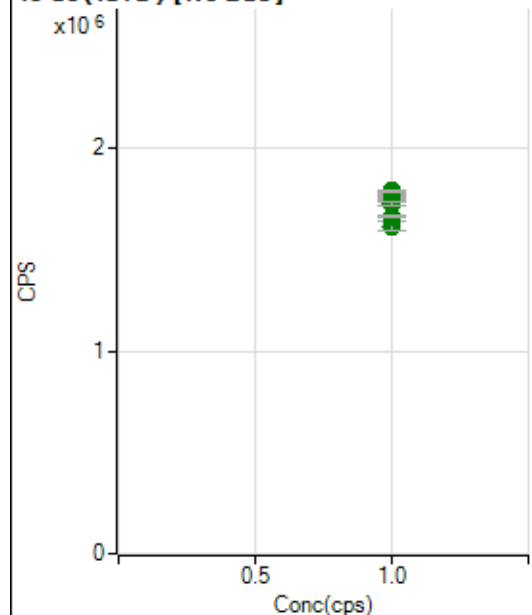
$$BEC = 0$$

Weight: <None>

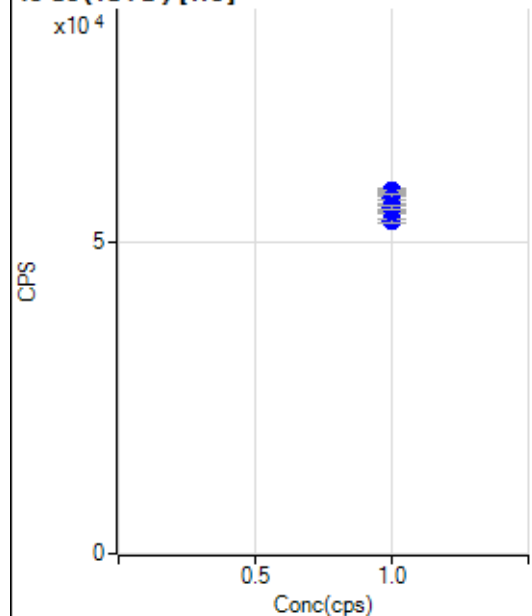
Min Conc: 0

6 Li (ISTD) [No Gas]

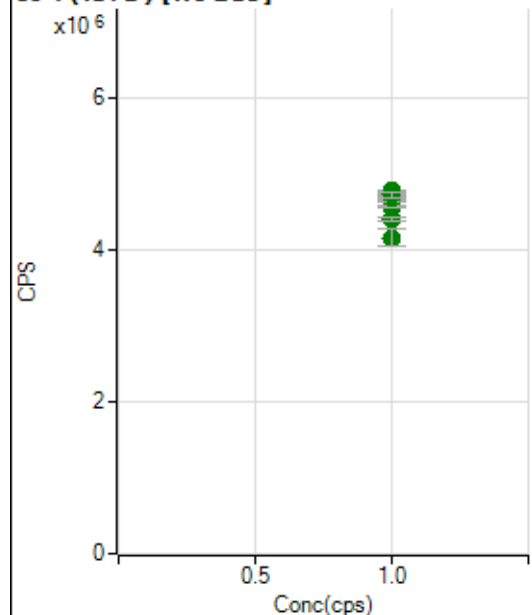
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		774946.94		P	4.2
2	☐	1.000		799127.58		P	1.0
3	☐	1.000		833579.87		P	0.4
4	☐	1.000		848567.87		P	0.9
5	☐	1.000		851443.61		P	0.7
6	☐	1.000		857118.19		P	0.2
7	☐	1.000		864485.01		P	0.8
8	☐	1.000		831917.55		P	1.2

45 Sc (ISTD) [No Gas]

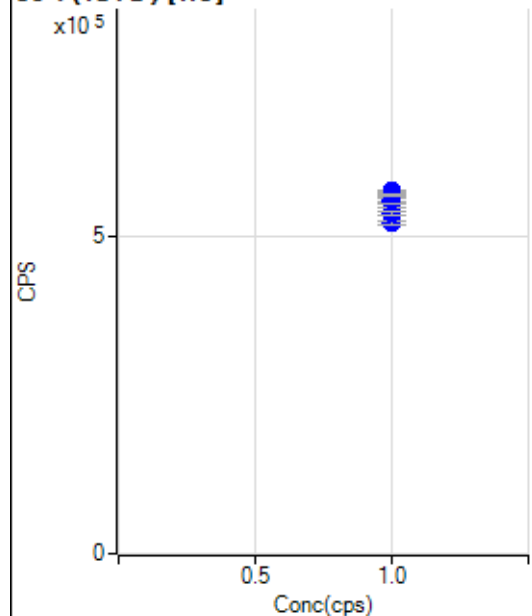
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1616534.35		A	3.1
2	☐	1.000		1665748.97		A	0.9
3	☐	1.000		1738065.42		A	1.7
4	☐	1.000		1763372.77		A	1.9
5	☐	1.000		1766170.75		A	0.4
6	☐	1.000		1776383.39		A	0.5
7	☐	1.000		1791270.48		A	0.2
8	☐	1.000		1724129.25		A	1.1

45 Sc (ISTD) [He]

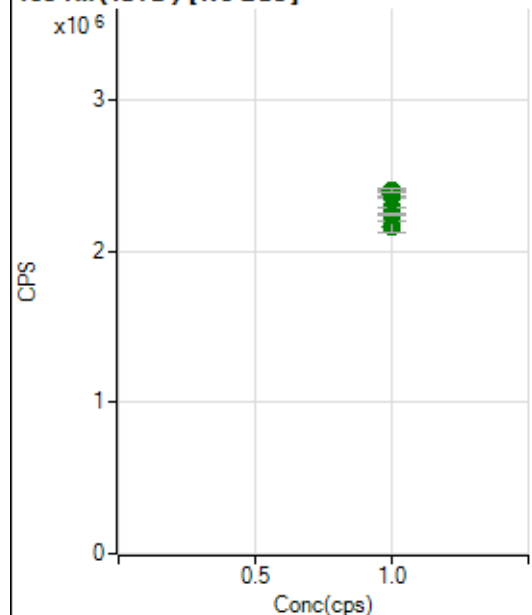
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		53413.20		P	1.1
2	☐	1.000		54919.94		P	1.1
3	☐	1.000		57928.25		P	1.9
4	☐	1.000		58207.25		P	0.3
5	☐	1.000		56181.72		P	4.4
6	☐	1.000		57183.11		P	1.9
7	☐	1.000		55989.64		P	0.9
8	☐	1.000		55521.06		P	1.3

89 Y (ISTD) [No Gas]

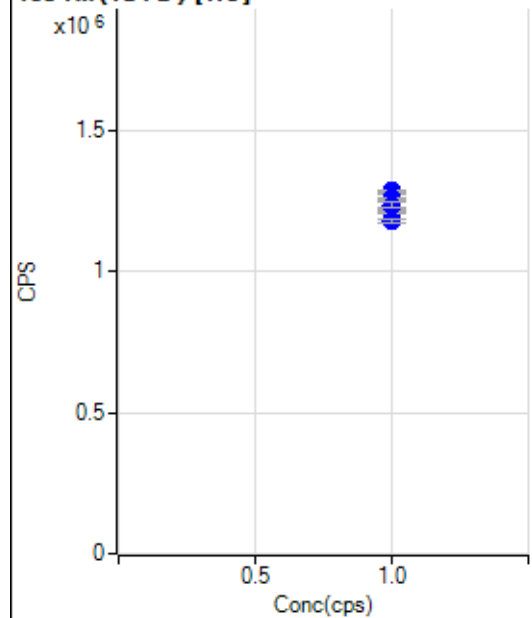
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4155861.26		A	5.2
2	☐	1.000		4396577.99		A	1.1
3	☐	1.000		4554692.57		A	0.5
4	☐	1.000		4680736.18		A	1.2
5	☐	1.000		4663796.88		A	2.1
6	☐	1.000		4754067.71		A	1.1
7	☐	1.000		4766753.19		A	0.3
8	☐	1.000		4720697.74		A	1.6

89 Y (ISTD) [He]

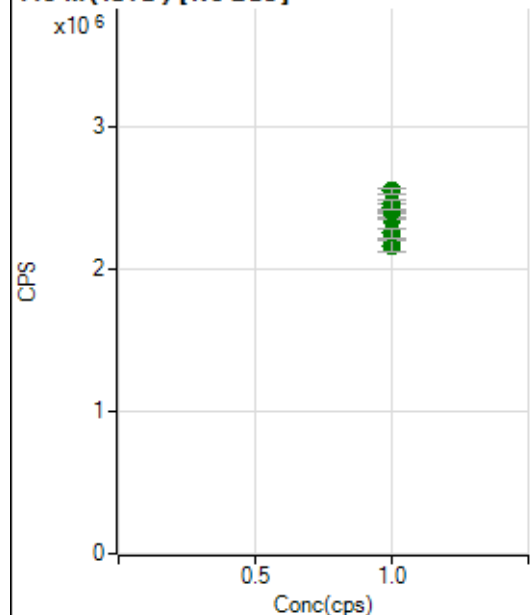
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		521601.94		P	1.0
2	☐	1.000		537005.99		P	1.1
3	☐	1.000		563029.07		P	2.1
4	☐	1.000		573308.80		P	0.2
5	☐	1.000		556152.40		P	3.7
6	☐	1.000		563645.67		P	0.3
7	☐	1.000		558253.25		P	1.8
8	☐	1.000		567042.95		P	0.5

103 Rh(ISTD) [No Gas]

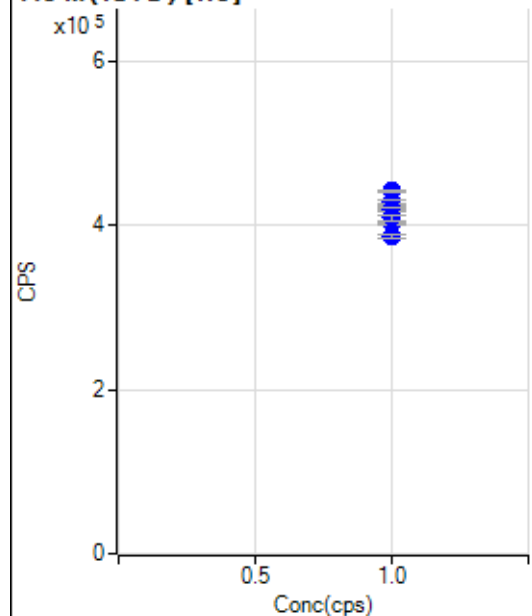
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2160426.57		A	3.8
2	☐	1.000		2286179.29		A	0.1
3	☐	1.000		2375707.50		A	1.3
4	☐	1.000		2369698.06		A	1.8
5	☐	1.000		2368047.15		A	0.4
6	☐	1.000		2394080.44		A	0.7
7	☐	1.000		2400364.14		A	1.0
8	☐	1.000		2241008.52		A	0.7

103 Rh(ISTD) [He]

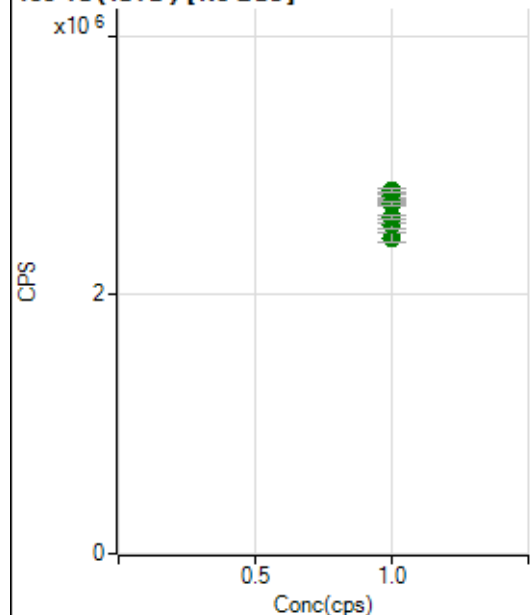
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1178911.01		P	0.8
2	☐	1.000		1210383.83		P	0.8
3	☐	1.000		1263727.59		P	1.9
4	☐	1.000		1286813.10		P	0.6
5	☐	1.000		1236688.78		P	3.0
6	☐	1.000		1260425.37		P	0.4
7	☐	1.000		1235781.45		P	1.6
8	☐	1.000		1178593.90		P	0.8

115 In (ISTD) [No Gas]

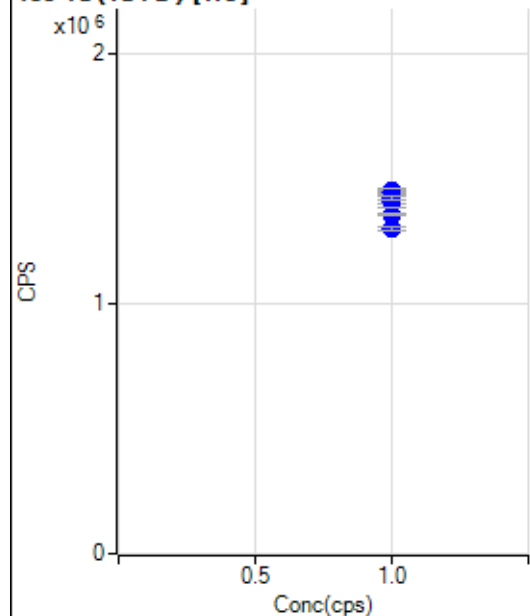
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2154025.85		A	4.0
2	☐	1.000		2250437.85		A	3.0
3	☐	1.000		2353036.38		A	0.6
4	☐	1.000		2397496.39		A	1.1
5	☐	1.000		2408854.57		A	0.8
6	☐	1.000		2431773.43		A	1.6
7	☐	1.000		2449595.28		A	2.5
8	☐	1.000		2544199.08		A	1.4

115 In (ISTD) [He]

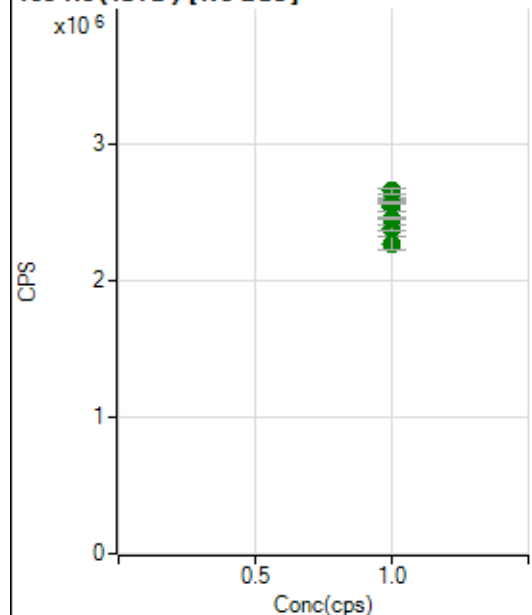
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		386035.22		P	0.9
2	☐	1.000		402793.94		P	0.8
3	☐	1.000		420216.66		P	1.4
4	☐	1.000		427189.07		P	1.1
5	☐	1.000		410604.94		P	3.5
6	☐	1.000		418083.45		P	0.9
7	☐	1.000		408628.22		P	2.0
8	☐	1.000		441336.63		P	0.8

159 Tb (ISTD) [No Gas]

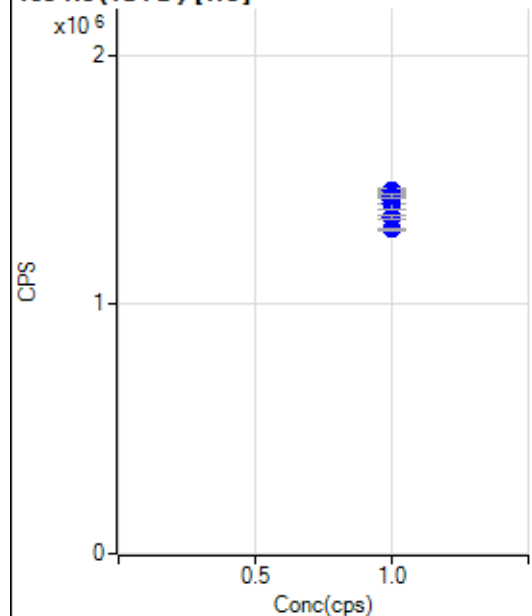
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2437953.23		A	3.0
2	☐	1.000		2533141.40		A	1.6
3	☐	1.000		2599070.40		A	1.2
4	☐	1.000		2702807.50		A	1.1
5	☐	1.000		2716101.14		A	1.6
6	☐	1.000		2762362.28		A	1.3
7	☐	1.000		2801110.93		A	1.0
8	☐	1.000		2700171.52		A	1.2

159 Tb (ISTD) [He]

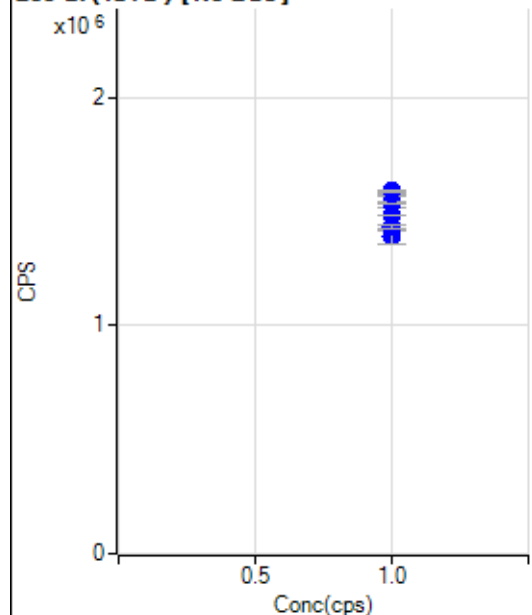
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1298471.72		P	1.6
2	☐	1.000		1354207.33		P	0.7
3	☐	1.000		1413572.90		P	2.3
4	☐	1.000		1446575.48		P	1.2
5	☐	1.000		1401807.26		P	3.2
6	☐	1.000		1448524.72		P	0.7
7	☐	1.000		1441243.66		P	2.1
8	☐	1.000		1419914.87		P	1.1

165 Ho (ISTD) [No Gas]

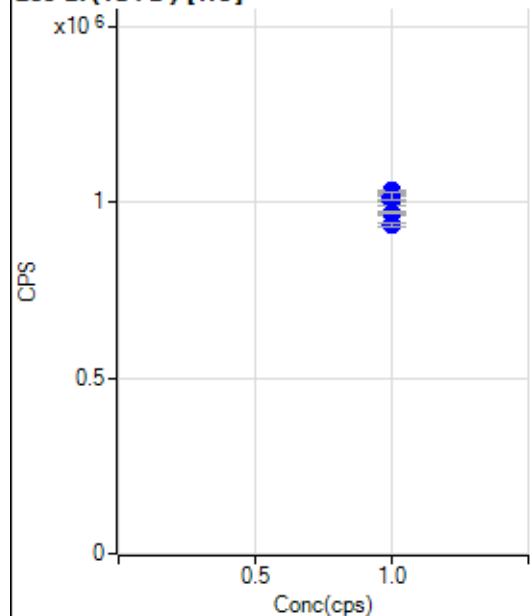
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2270617.52		A	4.3
2	☐	1.000		2382069.23		A	1.7
3	☐	1.000		2452432.09		A	0.5
4	☐	1.000		2533087.75		A	2.6
5	☐	1.000		2540814.81		A	2.5
6	☐	1.000		2592547.84		A	0.3
7	☐	1.000		2653939.62		A	1.5
8	☐	1.000		2565676.58		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1301684.57		P	0.7
2	☐	1.000		1351123.99		P	0.9
3	☐	1.000		1416327.77		P	1.7
4	☐	1.000		1441742.29		P	1.0
5	☐	1.000		1406249.16		P	3.3
6	☐	1.000		1453422.96		P	0.4
7	☐	1.000		1455233.51		P	1.3
8	☐	1.000		1434072.03		P	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1388668.36		P	4.5
2	☐	1.000		1431253.33		P	1.0
3	☐	1.000		1484863.49		P	0.3
4	☐	1.000		1530787.65		P	2.0
5	☐	1.000		1534989.61		P	0.7
6	☐	1.000		1573107.98		P	0.3
7	☐	1.000		1589633.14		P	0.7
8	☐	1.000		1483228.71		P	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		934788.73		P	0.7
2	☐	1.000		968035.82		P	0.8
3	☐	1.000		1010939.24		P	1.9
4	☐	1.000		1031157.16		P	0.8
5	☐	1.000		1002092.30		P	2.9
6	☐	1.000		1026228.67		P	1.1
7	☐	1.000		1015528.81		P	2.2
8	☐	1.000		968735.33		P	0.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8040220 MS.b
Acq. Date-Time 2020-04-02 10:50:29
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		4267	42669.36			1.105	5.000
24		50782	507817.27			0.820	5.000
25		7024	70241.18			1.333	5.000
26		8187	81874.91			1.320	5.000
59		29691	296910.33			0.959	5.000
113		4332	43315.99			1.324	5.000
115		13495	134946.42			1.018	5.000
206		4645	46453.21			1.739	5.000
207		3871	38712.54			1.831	5.000
208		9593	95931.59			1.907	5.000
220		1	5.40			18.976	

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

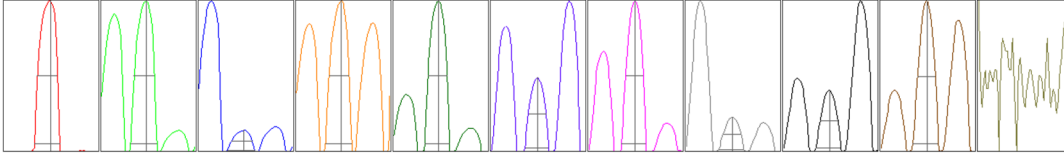
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4280	4185	4275	4302	4292
24	51168	50159	50806	50629	51146
25	7125	6870	7051	7044	7030
26	8327	8024	8209	8196	8182
59	29873	29207	29899	29806	29671
113	4396	4248	4369	4308	4337
115	13692	13353	13560	13485	13383
206	4788	4595	4620	4600	4624
207	3979	3786	3888	3861	3842
208	9805	9302	9597	9658	9605

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	7012.10	9.00	8.90 - 9.10	
24	85131.04	23.95	23.90 - 24.10	
25	11501.85	24.95	24.90 - 25.10	
26	13572.41	25.95	25.90 - 26.10	
59	51214.22	58.95	58.90 - 59.10	
113	8171.87	113.00	112.90 - 113.10	
115	25244.90	115.00	114.90 - 115.10	
206	8623.56	206.00	205.90 - 206.10	
207	7136.02	207.00	206.90 - 207.10	
208	17679.73	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.788	0.900	
24	0.64	0.830	0.900	
25	0.65	0.853	0.900	
26	0.65	0.831	0.900	
59	0.61	0.784	0.900	
113	0.55	0.742	0.900	
115	0.55	0.775	0.900	
206	0.56	0.784	0.900	
207	0.55	0.789	0.900	
208	0.56	0.813	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 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	10.9 V	Deflect	14.0 V
Extract 2	-245.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	140 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.0 mm
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EM

Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1179 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7232	72318.33			2.283	
89		16652	166521.01			2.401	
205		14930	149301.96			2.538	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7346	6944	7244	7309	7316
89	16962	15959	16874	16717	16749
205	15211	14269	14976	15094	15101

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 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	10.9 V	Deflect	3.6 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-245.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.0 mm		
EM					
Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1179 V

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:37:49	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.20	-1.94	-2.26	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.00	0.00	0.01	0.00	N/A	ppb
Boron	10-1	-0.03	0.08	-0.05	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.24	2.52	-2.29	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.19	-0.17	0.00	N/A	ppb
Calcium	43-1	-4.40	11.36	-6.96	0.00	N/A	ppb
Calcium	44-1	-8.30	7.52	0.77	0.00	N/A	ppb
Chromium	52-2	0.02	-0.03	0.01	0.00	N/A	ppb
Cobalt	59-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-2.02	1.01	1.01	0.00	N/A	ppb
Iron	56-2	0.17	-0.02	-0.15	0.00	N/A	ppb
Iron	57-2	0.90	1.63	-2.53	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	206-1	0.02	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:37:49	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.05	0.13	-0.08	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.04	-0.04	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-33.63	3.81	-64.64	-31.49		ppb
Potassium	39-2	-4.37	0.60	3.76	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.76	1.52	-0.76	0.00	N/A	ppb
Selenium	78-2	0.63	0.56	-1.19	0.00	N/A	ppb
Selenium	82-1	-0.43	0.21	0.22	0.00	N/A	ppb
Silicon	28-1	-13.31	12.44	0.87	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.61	-1.76	-0.86	0.00	N/A	ppb
Strontium	86-1	0.06	0.08	-0.14	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-728.10	2984.37	1208.26	1154.84	160.79	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.04	0.08	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:37:49	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.11	-0.07	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:40:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.52	22.31	21.44	22.76	6.98	ppb
Antimony	121-1	1.89	2.13	2.13	2.05	6.85	ppb
Arsenic	75-2	1.20	1.09	0.95	1.08	11.29	ppb
Barium	135-1	10.30	10.87	10.48	10.55	2.74	ppb
Barium	137-1	9.98	10.49	10.05	10.17	2.72	ppb
Beryllium	9-1	1.13	1.12	1.01	1.09	6.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	11-1	19.73	23.12	25.37	22.74	12.47	ppb
Boron	10-1	19.68	23.53	25.29	22.84	12.56	ppb
Bromine	81-1						cps
Cadmium	106-1	3.92	2.15	2.15	2.74	37.19	ppb
Cadmium	108-1	1.15	1.23	1.62	1.33	18.65	ppb
Cadmium	111-1	1.20	1.09	1.05	1.11	6.96	ppb
Calcium	43-1	515.58	490.58	495.10	500.42	2.66	ppb
Calcium	44-1	514.07	524.70	513.80	517.52	1.20	ppb
Chromium	52-2	2.10	2.05	1.98	2.04	2.94	ppb
Cobalt	59-2	1.00	0.97	0.95	0.97	2.25	ppb
Copper	63-2	2.11	2.17	2.03	2.10	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	53.87	58.40	54.50	55.59	4.42	ppb
Iron	56-2	53.35	56.79	53.36	54.50	3.64	ppb
Iron	57-2	46.38	59.11	52.74	52.74	12.08	ppb
Krypton	83-1						cps
Lead	207-1	0.92	1.04	0.90	0.95	7.65	ppb
Lead	208-1	1.00	1.05	0.98	1.01	3.25	ppb
Lead	206-1	1.11	1.02	1.04	1.06	4.52	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:40:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	538.24	526.52	526.84	530.53	1.26	ppb
Manganese	55-2	0.95	0.95	0.93	0.94	0.86	ppb
Molybdenum	94-1	5.23	5.15	5.18	5.19	0.76	ppb
Molybdenum	95-1	5.31	5.45	5.48	5.41	1.75	ppb
Molybdenum	96-1	5.61	5.18	5.63	5.47	4.66	ppb
Molybdenum	97-1	5.11	5.68	4.91	5.23	7.61	ppb
Molybdenum	98-1	5.62	5.42	5.44	5.49	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.10	1.11	1.15	6.95	ppb
Phosphorus	31-2	7.97	69.50	17.00	31.49	105.52	ppb
Potassium	39-2	503.46	518.88	489.41	503.92	2.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	7.95	12.35	8.13	9.48	26.31	ppb
Selenium	78-2	4.63	2.54	4.68	3.95	30.95	ppb
Selenium	82-1	3.97	5.11	6.20	5.09	21.88	ppb
Silicon	28-1	-7.10	-3.88	3.92	-2.35		ppb
Silver	109-1	0.99	0.88	0.85	0.91	8.09	ppb
Silver	107-1	0.85	0.94	0.95	0.91	6.01	ppb
Sodium	23-2	526.40	543.20	514.46	528.02	2.73	ppb
Strontium	86-1	1.07	1.16	0.77	1.00	20.29	ppb
Strontium	88-1	1.07	1.03	1.06	1.05	1.81	ppb
Sulfur	34-1	-1882.16	-883.44	-698.92	-1154.84		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.99	0.98	0.97	2.94	ppb
Thallium	205-1	1.00	0.99	0.99	0.99	0.62	ppb
Tin	118-1	5.23	5.58	5.04	5.28	5.13	ppb
Titanium	47-1	4.74	5.51	5.87	5.38	10.72	ppb
Uranium	238-1	0.96	0.99	1.01	0.99	2.50	ppb
Vanadium	51-2	4.98	5.69	5.15	5.27	6.97	ppb
Yttrium	89-1				106		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:40:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2.34	2.32	1.94	2.20	10.13	ppb
Zirconium	90-1	0.99	0.90	0.98	0.96	5.50	ppb
Zirconium	91-1	0.89	0.97	0.96	0.94	4.28	ppb

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 12:44:02 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1030.64	1015.70	1019.66	1022.00	0.76	ppb
Antimony	121-1	51.93	51.83	54.06	52.60	2.40	ppb
Arsenic	75-2	49.60	49.79	52.73	50.71	3.46	ppb
Barium	135-1	254.71	252.72	266.52	257.99	2.89	ppb
Barium	137-1	255.66	254.44	263.48	257.86	1.90	ppb
Beryllium	9-1	51.17	50.91	51.00	51.03	0.26	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	11-1	45.27	50.94	54.95	50.39	9.66	ppb
Boron	10-1	43.80	50.77	55.40	49.99	11.68	ppb
Bromine	81-1						cps
Cadmium	106-1	51.45	52.40	52.51	52.12	1.12	ppb
Cadmium	108-1	52.80	55.80	54.11	54.24	2.77	ppb
Cadmium	111-1	52.69	52.93	54.05	53.22	1.36	ppb
Calcium	43-1	5353.11	5136.87	5338.74	5276.24	2.29	ppb
Calcium	44-1	5323.89	5137.43	5289.79	5250.37	1.89	ppb
Chromium	52-2	51.66	49.44	49.98	50.36	2.30	ppb
Cobalt	59-2	52.39	49.18	50.51	50.69	3.19	ppb
Copper	63-2	526.33	505.33	512.89	514.85	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	2714.87	2556.63	2642.81	2638.10	3.00	ppb
Iron	56-2	2646.73	2588.48	2605.30	2613.50	1.15	ppb
Iron	57-2	2636.36	2563.22	2602.27	2600.62	1.41	ppb
Krypton	83-1						cps
Lead	207-1	248.12	249.31	251.81	249.75	0.75	ppb
Lead	208-1	249.45	250.26	255.01	251.57	1.19	ppb
Lead	206-1	247.99	248.42	255.27	250.56	1.63	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:44:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	5507.41	5328.53	5474.53	5436.83	1.75	ppb
Manganese	55-2	505.77	488.91	500.18	498.29	1.72	ppb
Molybdenum	94-1	260.27	259.32	259.63	259.74	0.19	ppb
Molybdenum	95-1	255.83	256.60	262.21	258.21	1.35	ppb
Molybdenum	96-1	257.16	257.26	260.99	258.47	0.84	ppb
Molybdenum	97-1	259.12	256.02	258.94	258.02	0.67	ppb
Molybdenum	98-1	261.39	260.60	260.15	260.72	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.29	50.06	50.89	51.41	3.27	ppb
Phosphorus	31-2	969.12	1023.86	1134.93	1042.64	8.10	ppb
Potassium	39-2	2610.36	2504.58	2587.47	2567.47	2.17	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	59.83	48.49	65.64	57.99	15.04	ppb
Selenium	78-2	54.26	52.44	54.11	53.61	1.88	ppb
Selenium	82-1	51.20	52.96	51.14	51.77	1.99	ppb
Silicon	28-1	44.82	34.97	50.04	43.28	17.68	ppb
Silver	109-1	52.31	52.24	54.01	52.85	1.90	ppb
Silver	107-1	52.18	52.37	54.35	52.97	2.27	ppb
Sodium	23-2	5404.95	5143.81	5289.15	5279.30	2.48	ppb
Strontium	86-1	50.44	51.44	51.18	51.02	1.01	ppb
Strontium	88-1	51.87	52.69	52.59	52.38	0.85	ppb
Sulfur	34-1	-544.12	-3341.66	-1752.89	-1879.55		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	50.89	49.98	50.10	50.32	0.98	ppb
Thallium	205-1	50.77	51.73	52.18	51.56	1.39	ppb
Tin	118-1	50.02	51.44	53.77	51.74	3.66	ppb
Titanium	47-1	261.65	244.77	259.53	255.32	3.60	ppb
Uranium	238-1	51.07	50.11	50.93	50.71	1.02	ppb
Vanadium	51-2	51.73	48.72	49.32	49.92	3.19	ppb
Yttrium	89-1				110		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:44:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	514.37	493.83	507.00	505.07	2.06	ppb
Zirconium	90-1	52.12	52.19	52.09	52.13	0.10	ppb
Zirconium	91-1	51.23	51.28	51.12	51.21	0.16	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:47:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2495.87	2491.51	2514.68	2500.69	0.49	ppb
Antimony	121-1	128.92	130.23	127.66	128.93	1.00	ppb
Arsenic	75-2	123.36	123.43	123.84	123.54	0.21	ppb
Barium	135-1	630.22	636.45	626.70	631.13	0.78	ppb
Barium	137-1	634.28	637.78	619.64	630.57	1.53	ppb
Beryllium	9-1	126.13	127.40	127.33	126.95	0.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	11-1	110.57	126.97	134.86	124.13	9.98	ppb
Boron	10-1	112.14	126.42	134.75	124.44	9.19	ppb
Bromine	81-1						cps
Cadmium	106-1	121.45	126.42	123.86	123.91	2.01	ppb
Cadmium	108-1	128.04	135.63	130.50	131.39	2.95	ppb
Cadmium	111-1	126.47	129.44	127.08	127.66	1.23	ppb
Calcium	43-1	13214.05	13150.99	12578.80	12981.28	2.70	ppb
Calcium	44-1	12848.63	13038.61	12804.41	12897.22	0.96	ppb
Chromium	52-2	124.87	122.48	124.69	124.01	1.07	ppb
Cobalt	59-2	124.43	123.86	124.49	124.26	0.28	ppb
Copper	63-2	1253.23	1281.21	1263.60	1266.01	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	6578.80	6514.42	6511.04	6534.75	0.58	ppb
Iron	56-2	6441.40	6279.79	6376.38	6365.85	1.28	ppb
Iron	57-2	6418.38	6419.38	6410.01	6415.93	0.08	ppb
Krypton	83-1						cps
Lead	207-1	623.25	626.95	615.35	621.85	0.95	ppb
Lead	208-1	634.41	636.33	619.13	629.96	1.50	ppb
Lead	206-1	621.59	626.71	607.41	618.57	1.62	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:47:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	13539.35	13356.25	13240.64	13378.75	1.13	ppb
Manganese	55-2	1233.43	1221.36	1232.66	1229.15	0.55	ppb
Molybdenum	94-1	632.62	652.45	633.51	639.52	1.75	ppb
Molybdenum	95-1	632.50	648.17	636.63	639.10	1.27	ppb
Molybdenum	96-1	634.71	647.17	627.55	636.48	1.56	ppb
Molybdenum	97-1	618.89	631.20	626.24	625.44	0.99	ppb
Molybdenum	98-1	622.54	639.17	622.04	627.92	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.55	123.71	125.65	124.64	0.78	ppb
Phosphorus	31-2	2207.26	2360.88	2227.89	2265.34	3.68	ppb
Potassium	39-2	6461.25	6342.45	6467.41	6423.70	1.10	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	139.39	132.92	149.00	140.44	5.76	ppb
Selenium	78-2	133.46	118.54	131.34	127.78	6.32	ppb
Selenium	82-1	125.01	126.87	132.64	128.17	3.10	ppb
Silicon	28-1	85.20	112.55	96.55	98.10	14.01	ppb
Silver	109-1	128.92	130.11	127.40	128.81	1.05	ppb
Silver	107-1	129.20	129.56	127.38	128.71	0.91	ppb
Sodium	23-2	12839.29	12949.73	13003.86	12930.96	0.65	ppb
Strontium	86-1	124.91	125.57	125.25	125.25	0.26	ppb
Strontium	88-1	127.09	129.64	126.12	127.62	1.42	ppb
Sulfur	34-1	-551.85	792.98	-2148.80	-635.89		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	123.11	124.14	121.01	122.75	1.30	ppb
Thallium	205-1	124.61	126.81	122.71	124.71	1.64	ppb
Tin	118-1	127.39	130.07	125.03	127.50	1.97	ppb
Titanium	47-1	638.66	646.36	621.51	635.51	2.00	ppb
Uranium	238-1	123.52	126.14	120.93	123.53	2.11	ppb
Vanadium	51-2	121.03	121.45	123.65	122.04	1.15	ppb
Yttrium	89-1				113		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:47:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	1245.66	1248.54	1245.75	1246.65	0.13	ppb
Zirconium	90-1	127.39	129.59	126.99	127.99	1.09	ppb
Zirconium	91-1	125.28	126.97	126.69	126.31	0.72	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:50:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5357.39	5050.69	5102.18	5170.09	3.18	ppb
Antimony	121-1	254.53	259.18	255.13	256.28	0.99	ppb
Arsenic	75-2	267.45	246.91	250.26	254.87	4.32	ppb
Barium	135-1	1256.85	1293.45	1270.30	1273.53	1.45	ppb
Barium	137-1	1254.65	1284.46	1264.78	1267.97	1.20	ppb
Beryllium	9-1	254.77	255.62	251.70	254.03	0.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	11-1	217.60	250.28	269.24	245.71	10.63	ppb
Boron	10-1	216.16	255.62	270.38	247.39	11.33	ppb
Bromine	81-1						cps
Cadmium	106-1	248.82	265.98	255.02	256.61	3.39	ppb
Cadmium	108-1	251.01	261.29	240.92	251.07	4.06	ppb
Cadmium	111-1	253.89	260.70	255.68	256.76	1.37	ppb
Calcium	43-1	25907.20	26113.95	26062.33	26027.83	0.41	ppb
Calcium	44-1	25616.94	25414.34	25478.16	25503.14	0.41	ppb
Chromium	52-2	270.38	248.39	252.12	256.96	4.58	ppb
Cobalt	59-2	270.06	247.09	251.59	256.25	4.75	ppb
Copper	63-2	2690.62	2545.19	2562.77	2599.53	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	14143.10	13195.00	13236.74	13524.95	3.96	ppb
Iron	56-2	13750.02	12714.71	12764.67	13076.47	4.46	ppb
Iron	57-2	13844.55	12748.60	13195.84	13262.99	4.15	ppb
Krypton	83-1						cps
Lead	207-1	1288.36	1268.68	1255.25	1270.76	1.31	ppb
Lead	208-1	1282.81	1280.26	1263.22	1275.43	0.83	ppb
Lead	206-1	1281.79	1286.25	1278.43	1282.15	0.31	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:50:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	29068.73	26790.53	26921.49	27593.58	4.64	ppb
Manganese	55-2	2660.87	2469.80	2503.95	2544.87	4.00	ppb
Molybdenum	94-1	1277.02	1295.10	1243.16	1271.76	2.07	ppb
Molybdenum	95-1	1279.12	1289.27	1246.65	1271.68	1.75	ppb
Molybdenum	96-1	1280.74	1287.38	1255.05	1274.39	1.34	ppb
Molybdenum	97-1	1270.79	1289.81	1246.63	1269.08	1.70	ppb
Molybdenum	98-1	1272.60	1289.00	1239.61	1267.07	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.73	250.16	253.04	258.98	4.97	ppb
Phosphorus	31-2	4959.47	4970.87	5092.02	5007.45	1.47	ppb
Potassium	39-2	14091.19	13062.03	13117.72	13423.64	4.31	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	276.03	218.73	280.11	258.29	13.29	ppb
Selenium	78-2	266.90	257.03	250.88	258.27	3.13	ppb
Selenium	82-1	256.36	260.80	248.55	255.24	2.43	ppb
Silicon	28-1	240.13	252.90	264.26	252.43	4.78	ppb
Silver	109-1	253.96	261.67	258.02	257.88	1.49	ppb
Silver	107-1	251.17	257.99	256.64	255.27	1.42	ppb
Sodium	23-2	28457.34	25995.16	25983.88	26812.13	5.31	ppb
Strontium	86-1	255.72	257.33	248.23	253.76	1.91	ppb
Strontium	88-1	259.17	257.68	252.83	256.56	1.29	ppb
Sulfur	34-1	2220.56	2088.41	1544.69	1951.22	18.36	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	249.42	249.59	248.66	249.22	0.20	ppb
Thallium	205-1	256.47	255.28	254.62	255.46	0.37	ppb
Tin	118-1	254.12	255.75	254.24	254.70	0.36	ppb
Titanium	47-1	1278.51	1282.07	1274.56	1278.38	0.29	ppb
Uranium	238-1	253.56	253.69	251.18	252.81	0.56	ppb
Vanadium	51-2	271.90	248.88	249.39	256.72	5.12	ppb
Yttrium	89-1				112		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:50:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	2677.46	2462.90	2530.56	2556.97	4.29	ppb
Zirconium	90-1	258.04	262.17	254.26	258.16	1.53	ppb
Zirconium	91-1	258.10	257.49	245.48	253.69	2.80	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:53:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10142.51	9823.38	10120.39	10028.76	1.78	ppb
Antimony	121-1	500.41	501.94	510.13	504.16	1.04	ppb
Arsenic	75-2	500.11	495.76	491.82	495.90	0.84	ppb
Barium	135-1	2470.94	2503.45	2573.33	2515.91	2.08	ppb
Barium	137-1	2490.55	2519.98	2613.05	2541.19	2.52	ppb
Beryllium	9-1	501.02	505.72	507.93	504.89	0.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Boron	11-1	437.73	498.07	542.74	492.84	10.69	ppb
Boron	10-1	431.39	498.98	546.25	492.21	11.73	ppb
Bromine	81-1						cps
Cadmium	106-1	494.25	501.48	527.26	507.66	3.42	ppb
Cadmium	108-1	510.29	504.58	524.72	513.20	2.02	ppb
Cadmium	111-1	500.15	499.29	518.23	505.89	2.11	ppb
Calcium	43-1	52620.74	52669.35	52218.65	52502.91	0.47	ppb
Calcium	44-1	50263.30	50431.28	50627.57	50440.72	0.36	ppb
Chromium	52-2	501.92	485.95	497.92	495.26	1.68	ppb
Cobalt	59-2	504.91	485.24	495.56	495.24	1.99	ppb
Copper	63-2	4982.41	4870.98	5000.52	4951.30	1.42	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				112		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	54-2	26374.33	25540.61	26300.59	26071.84	1.77	ppb
Iron	56-2	25990.66	25335.23	25798.20	25708.03	1.31	ppb
Iron	57-2	26086.75	25185.73	25960.54	25744.34	1.90	ppb
Krypton	83-1						cps
Lead	207-1	2538.27	2525.51	2554.28	2539.35	0.57	ppb
Lead	208-1	2519.52	2505.92	2532.15	2519.20	0.52	ppb
Lead	206-1	2521.91	2524.05	2537.56	2527.84	0.34	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:53:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	53348.39	51636.44	53573.42	52852.75	2.00	ppb
Manganese	55-2	5139.84	4924.46	4969.52	5011.27	2.27	ppb
Molybdenum	94-1	2551.78	2484.35	2494.26	2510.13	1.45	ppb
Molybdenum	95-1	2498.89	2499.69	2498.24	2498.94	0.03	ppb
Molybdenum	96-1	2513.23	2509.81	2498.41	2507.15	0.31	ppb
Molybdenum	97-1	2525.99	2532.77	2535.30	2531.36	0.19	ppb
Molybdenum	98-1	2481.73	2519.58	2500.43	2500.58	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.11	489.40	502.62	498.37	1.56	ppb
Phosphorus	31-2	10326.18	10019.58	10112.43	10152.73	1.55	ppb
Potassium	39-2	26019.81	25087.34	25790.90	25632.68	1.90	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	496.54	493.02	455.76	481.78	4.69	ppb
Selenium	78-2	509.47	497.76	493.12	500.12	1.69	ppb
Selenium	82-1	503.73	500.92	507.13	503.93	0.62	ppb
Silicon	28-1	528.71	564.81	588.16	560.56	5.34	ppb
Silver	109-1	510.38	504.76	515.55	510.23	1.06	ppb
Silver	107-1	504.31	506.79	516.54	509.22	1.27	ppb
Sodium	23-2	51814.48	50522.34	51387.09	51241.30	1.28	ppb
Strontium	86-1	499.17	509.24	497.03	501.82	1.30	ppb
Strontium	88-1	500.91	509.14	508.58	506.21	0.91	ppb
Sulfur	34-1	9140.03	8912.30	8450.10	8834.14	3.98	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	496.51	490.26	501.45	496.07	1.13	ppb
Thallium	205-1	500.28	507.83	508.98	505.69	0.93	ppb
Tin	118-1	498.95	504.15	514.92	506.00	1.61	ppb
Titanium	47-1	2543.39	2520.59	2582.00	2548.66	1.22	ppb
Uranium	238-1	495.00	505.59	496.36	498.98	1.15	ppb
Vanadium	51-2	500.81	487.81	497.78	495.47	1.37	ppb
Yttrium	89-1				114		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:53:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	5064.99	4825.62	4974.94	4955.18	2.44	ppb
Zirconium	90-1	509.69	514.08	509.82	511.20	0.49	ppb
Zirconium	91-1	495.70	502.14	494.82	497.55	0.80	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:56:09	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20562.40	20206.53	20219.94	20329.62	0.99	ppb
Antimony	121-1	1007.74	1009.53	969.91	995.73	2.25	ppb
Arsenic	75-2	1024.77	985.09	993.08	1000.98	2.10	ppb
Barium	135-1	5144.77	4991.66	4818.57	4985.00	3.27	ppb
Barium	137-1	5103.29	4977.58	4840.60	4973.82	2.64	ppb
Beryllium	9-1	987.10	1001.48	1000.17	996.25	0.80	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	11-1	883.52	1017.64	1113.24	1004.80	11.48	ppb
Boron	10-1	869.90	1018.93	1125.19	1004.67	12.76	ppb
Bromine	81-1						cps
Cadmium	106-1	1038.21	990.42	955.00	994.54	4.20	ppb
Cadmium	108-1	1021.09	978.18	977.09	992.12	2.53	ppb
Cadmium	111-1	1010.30	995.06	979.26	994.87	1.56	ppb
Calcium	43-1	103443.67	103792.76	102905.98	103380.80	0.43	ppb
Calcium	44-1	99599.27	99828.50	100571.87	99999.88	0.51	ppb
Chromium	52-2	1010.05	996.80	995.35	1000.73	0.81	ppb
Cobalt	59-2	1016.83	998.01	987.80	1000.88	1.47	ppb
Copper	63-2	10112.16	9997.81	9880.21	9996.72	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	54-2	53620.52	53139.91	53706.58	53489.00	0.57	ppb
Iron	56-2	52787.95	51597.21	51606.56	51997.24	1.32	ppb
Iron	57-2	52857.21	51401.94	51809.21	52022.79	1.44	ppb
Krypton	83-1						cps
Lead	207-1	4991.01	4915.39	5020.22	4975.54	1.09	ppb
Lead	208-1	4992.45	4942.78	5014.81	4983.35	0.74	ppb
Lead	206-1	4987.93	4927.97	5020.55	4978.82	0.94	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:56:09	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	105785.60	104363.37	104075.24	104741.40	0.87	ppb
Manganese	55-2	10150.42	9826.67	9980.42	9985.84	1.62	ppb
Molybdenum	94-1	5034.31	4968.51	4958.76	4987.19	0.82	ppb
Molybdenum	95-1	5016.64	4995.24	4966.93	4992.94	0.50	ppb
Molybdenum	96-1	4970.78	5030.06	4964.57	4988.47	0.72	ppb
Molybdenum	97-1	5023.84	4983.23	4930.21	4979.10	0.94	ppb
Molybdenum	98-1	5040.83	5017.40	4925.39	4994.54	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1006.12	993.96	995.54	998.54	0.66	ppb
Phosphorus	31-2	20216.60	19597.13	20033.19	19948.97	1.60	ppb
Potassium	39-2	51140.69	51199.36	50937.07	51092.37	0.27	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	950.18	1042.35	1021.53	1004.69	4.81	ppb
Selenium	78-2	1025.06	986.24	980.75	997.35	2.42	ppb
Selenium	82-1	997.08	993.21	998.43	996.24	0.27	ppb
Silicon	28-1	924.09	985.46	1009.26	972.93	4.52	ppb
Silver	109-1	1003.67	980.55	992.66	992.30	1.17	ppb
Silver	107-1	1014.08	995.59	970.72	993.46	2.19	ppb
Sodium	23-2	103989.36	102139.26	102363.26	102830.63	0.98	ppb
Strontium	86-1	1002.94	998.71	992.57	998.07	0.52	ppb
Strontium	88-1	1004.49	985.19	994.75	994.81	0.97	ppb
Sulfur	34-1	22310.79	21250.17	22082.31	21881.09	2.55	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	1010.37	993.67	1003.23	1002.42	0.84	ppb
Thallium	205-1	999.86	979.55	1007.83	995.75	1.46	ppb
Tin	118-1	1024.83	985.19	976.25	995.42	2.60	ppb
Titanium	47-1	5000.11	4947.24	4953.64	4967.00	0.58	ppb
Uranium	238-1	995.92	1008.18	995.77	999.96	0.71	ppb
Vanadium	51-2	1013.32	991.83	997.73	1000.96	1.11	ppb
Yttrium	89-1				115		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:56:09	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	10044.68	9982.83	9997.48	10008.33	0.32	ppb
Zirconium	90-1	998.92	982.74	993.98	991.88	0.84	ppb
Zirconium	91-1	999.16	998.72	1002.35	1000.08	0.20	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:59:09	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100267.59	102062.12	97437.67	99922.46	2.33	ppb
Antimony	121-1	0.75	0.71	0.74	0.74	2.83	ppb
Arsenic	75-2	0.48	0.46	0.47	0.47	2.13	ppb
Barium	135-1	10.77	9.77	9.54	10.02	6.53	ppb
Barium	137-1	10.30	9.77	9.96	10.01	2.69	ppb
Beryllium	9-1	0.21	0.17	0.16	0.18	13.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	176.59	154.43	135.97	155.66	13.07	ppb
Boron	10-1	179.27	159.46	140.03	159.59	12.29	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.43	1.60	0.27	0.15	1037.40	ppb
Cadmium	108-1	0.68	0.68	0.62	0.66	5.79	ppb
Cadmium	111-1	0.33	0.45	0.42	0.40	15.22	ppb
Calcium	43-1	497261.91	491714.38	508045.79	499007.36	1.66	ppb
Calcium	44-1	500309.83	497917.19	501528.01	499918.34	0.37	ppb
Chromium	52-2	30.41	28.37	27.59	28.79	5.06	ppb
Cobalt	59-2	1.75	1.86	1.83	1.81	3.12	ppb
Copper	63-2	7.37	7.62	7.38	7.46	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				118		%
Indium	115-2				114		%
Iron	54-2	249765.74	251920.58	245719.48	249135.27	1.26	ppb
Iron	56-2	250076.24	252257.50	246156.94	249496.89	1.24	ppb
Iron	57-2	247123.56	254038.73	247270.82	249477.70	1.58	ppb
Krypton	83-1						cps
Lead	207-1	5.69	5.25	5.30	5.42	4.48	ppb
Lead	208-1	5.36	5.33	5.22	5.30	1.34	ppb
Lead	206-1	5.25	5.29	5.49	5.34	2.39	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:59:09	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	501753.06	504889.59	489188.55	498610.40	1.67	ppb
Manganese	55-2	11.40	12.16	11.81	11.79	3.24	ppb
Molybdenum	94-1	3.80	3.85	3.84	3.83	0.66	ppb
Molybdenum	95-1	4.84	4.48	4.47	4.60	4.51	ppb
Molybdenum	96-1	4.62	4.57	4.64	4.61	0.85	ppb
Molybdenum	97-1	4.20	4.61	4.43	4.41	4.67	ppb
Molybdenum	98-1	4.53	4.55	4.49	4.52	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.64	19.21	18.76	19.20	2.29	ppb
Phosphorus	31-2	-96.70	18.04	67.62	-3.68		ppb
Potassium	39-2	250422.17	251533.08	247045.90	249667.05	0.94	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	-0.76	1.33	-0.76	-0.07		ppb
Selenium	78-2	0.73	-3.09	-1.83	-1.40		ppb
Selenium	82-1	0.11	2.27	0.83	1.07	103.36	ppb
Silicon	28-1	-3.78	-13.61	-8.58	-8.66		ppb
Silver	109-1	0.28	0.30	0.27	0.28	5.34	ppb
Silver	107-1	0.27	0.27	0.32	0.29	9.22	ppb
Sodium	23-2	500574.70	507265.05	489776.88	499205.54	1.77	ppb
Strontium	86-1	1.49	2.12	1.75	1.79	17.69	ppb
Strontium	88-1	2.20	2.08	2.24	2.17	3.77	ppb
Sulfur	34-1	-6401.68	-6456.61	-5004.14	-5954.14		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.96	0.86	0.88	0.90	5.49	ppb
Thallium	205-1	0.96	0.85	0.81	0.87	8.74	ppb
Tin	118-1	0.80	0.86	0.93	0.86	7.28	ppb
Titanium	47-1	0.74	1.26	0.79	0.93	31.03	ppb
Uranium	238-1	0.13	0.11	0.15	0.13	17.16	ppb
Vanadium	51-2	0.33	0.42	0.32	0.35	15.49	ppb
Yttrium	89-1				114		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:59:09	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	52.85	57.92	54.81	55.19	4.63	ppb
Zirconium	90-1	0.24	0.24	0.23	0.24	1.43	ppb
Zirconium	91-1	0.19	0.22	0.19	0.20	8.46	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:07:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.62	506.98	480.49	491.03	2.86	ppb
Antimony	121-1	200.13	201.69	196.58	199.47	1.31	ppb
Arsenic	75-2	201.43	200.72	202.27	201.48	0.38	ppb
Barium	135-1	101.59	102.15	103.02	102.25	0.71	ppb
Barium	137-1	104.19	103.03	104.40	103.88	0.71	ppb
Beryllium	9-1	96.50	99.71	98.07	98.09	1.64	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	11-1	728.90	763.39	768.06	753.45	2.84	ppb
Boron	10-1	731.22	776.66	774.60	760.82	3.37	ppb
Bromine	81-1						cps
Cadmium	106-1	145.16	145.67	151.14	147.32	2.25	ppb
Cadmium	108-1	141.45	138.37	143.48	141.10	1.82	ppb
Cadmium	111-1	103.13	107.01	104.57	104.91	1.87	ppb
Calcium	43-1	2070.82	2265.58	2173.88	2170.09	4.49	ppb
Calcium	44-1	2050.90	2070.29	2118.22	2079.80	1.67	ppb
Chromium	52-2	97.72	99.74	97.64	98.37	1.21	ppb
Cobalt	59-2	101.07	101.68	97.61	100.12	2.20	ppb
Copper	63-2	102.25	103.34	100.01	101.87	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	2031.99	2077.35	2032.17	2047.17	1.28	ppb
Iron	56-2	1980.83	1992.30	1935.70	1969.61	1.52	ppb
Iron	57-2	1919.12	1929.72	1933.35	1927.40	0.38	ppb
Krypton	83-1						cps
Lead	207-1	197.36	200.05	200.63	199.35	0.87	ppb
Lead	208-1	207.51	207.96	208.66	208.04	0.28	ppb
Lead	206-1	214.97	214.22	215.63	214.94	0.33	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:07:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	1191.05	1207.43	1200.98	1199.82	0.69	ppb
Manganese	55-2	94.53	98.85	93.38	95.59	3.01	ppb
Molybdenum	94-1	2460.57	2471.39	2489.15	2473.71	0.58	ppb
Molybdenum	95-1	2497.69	2480.86	2490.15	2489.57	0.34	ppb
Molybdenum	96-1	2485.73	2485.64	2483.58	2484.98	0.05	ppb
Molybdenum	97-1	2495.40	2485.70	2501.81	2494.31	0.33	ppb
Molybdenum	98-1	2479.55	2479.10	2474.69	2477.78	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.96	103.23	99.68	101.29	1.78	ppb
Phosphorus	31-2	-44.59	-26.49	-11.06	-27.38		ppb
Potassium	39-2	1928.90	1982.47	1916.14	1942.50	1.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	198.75	212.59	225.60	212.32	6.32	ppb
Selenium	78-2	213.75	193.39	184.09	197.08	7.70	ppb
Selenium	82-1	206.57	204.66	207.29	206.17	0.66	ppb
Silicon	28-1	303.92	322.99	329.51	318.81	4.17	ppb
Silver	109-1	48.82	50.75	49.46	49.67	1.98	ppb
Silver	107-1	49.26	49.75	49.59	49.53	0.51	ppb
Sodium	23-2	2011.93	2073.66	1995.98	2027.19	2.02	ppb
Strontium	86-1	495.43	500.72	491.13	495.76	0.97	ppb
Strontium	88-1	499.25	508.69	499.53	502.49	1.07	ppb
Sulfur	34-1	-6530.67	-5895.76	-5463.88	-5963.44		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	205.63	208.77	211.80	208.73	1.48	ppb
Thallium	205-1	211.80	212.68	214.01	212.83	0.52	ppb
Tin	118-1	505.81	514.93	501.98	507.57	1.31	ppb
Titanium	47-1	2439.79	2486.17	2519.29	2481.75	1.61	ppb
Uranium	238-1	530.09	549.73	535.58	538.47	1.88	ppb
Vanadium	51-2	95.80	97.41	95.57	96.26	1.04	ppb
Yttrium	89-1				111		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:07:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	184.15	185.99	179.25	183.13	1.90	ppb
Zirconium	90-1	501.59	504.49	497.79	501.29	0.67	ppb
Zirconium	91-1	493.62	489.41	494.09	492.37	0.52	ppb

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:12:23 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	-2.49	-3.22	-1.65		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	40.82	ppb
Arsenic	75-2	0.00	0.04	0.02	0.02	98.07	ppb
Barium	135-1	0.01	0.00	0.00	0.00	254.33	ppb
Barium	137-1	0.04	-0.01	-0.01	0.01	327.24	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	16.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	34.24	33.88	33.41	33.84	1.22	ppb
Boron	10-1	34.85	33.66	32.96	33.82	2.82	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.82	-0.90	-3.25	-1.66		ppb
Cadmium	108-1	0.13	0.05	0.38	0.19	92.29	ppb
Cadmium	111-1	-0.07	-0.07	-0.24	-0.13		ppb
Calcium	43-1	-16.34	-14.43	-15.35	-15.38		ppb
Calcium	44-1	-20.86	-20.17	-19.06	-20.03		ppb
Chromium	52-2	0.07	0.03	-0.01	0.03	130.78	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.31	0.36	0.30	0.32	11.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	-3.13	-2.20	0.38	-1.65		ppb
Iron	56-2	-0.24	0.16	0.35	0.09	336.06	ppb
Iron	57-2	-3.27	-3.31	-0.89	-2.49		ppb
Krypton	83-1						cps
Lead	207-1	0.21	0.14	0.10	0.15	38.79	ppb
Lead	208-1	0.16	0.16	0.14	0.15	8.59	ppb
Lead	206-1	0.11	0.20	0.17	0.16	29.96	ppb

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:12:23 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	1.00	-0.31	1.22	0.64	129.94	ppb
Manganese	55-2	0.00	-0.02	0.06	0.01	323.62	ppb
Molybdenum	94-1	0.06	0.02	0.04	0.04	52.81	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	28.41	ppb
Molybdenum	96-1	0.05	0.04	0.07	0.05	30.70	ppb
Molybdenum	97-1	0.01	0.07	0.02	0.03	92.08	ppb
Molybdenum	98-1	0.07	0.01	0.02	0.03	102.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.07	-0.01	-0.07		ppb
Phosphorus	31-2	-88.04	0.87	70.20	-5.66		ppb
Potassium	39-2	-37.25	-6.85	-22.69	-22.26		ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	3.56	-0.76	-0.76	0.68	367.41	ppb
Selenium	78-2	-0.65	-2.90	0.46	-1.03		ppb
Selenium	82-1	0.22	2.47	2.01	1.57	75.77	ppb
Silicon	28-1	-34.23	-28.15	-26.23	-29.54		ppb
Silver	109-1	0.00	0.00	0.00	0.00	138.46	ppb
Silver	107-1	0.00	0.00	0.00	0.00	140.87	ppb
Sodium	23-2	18.56	25.05	33.80	25.80	29.64	ppb
Strontium	86-1	-0.28	-0.25	-0.40	-0.31		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	56.83	ppb
Sulfur	34-1	-5398.66	-4490.09	-4570.56	-4819.77		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.14	0.14	0.12	0.13	10.43	ppb
Thallium	205-1	0.15	0.12	0.12	0.13	13.57	ppb
Tin	118-1	0.00	0.02	0.04	0.02	86.78	ppb
Titanium	47-1	0.26	0.01	-0.18	0.03	731.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.00	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				109		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:12:23	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.14	0.57	0.19	0.30	79.10	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	58.56	ppb
Zirconium	91-1	-0.01	0.06	0.01	0.02	199.95	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:16:03	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88707.93	88154.80	86829.13	87897.29	1.10	ppb
Antimony	121-1	1.19	1.03	1.27	1.16	10.83	ppb
Arsenic	75-2	0.36	0.41	0.41	0.39	7.57	ppb
Barium	135-1	1.31	1.64	1.42	1.46	11.23	ppb
Barium	137-1	1.36	1.56	1.51	1.47	7.00	ppb
Beryllium	9-1	0.26	0.29	0.30	0.28	6.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	31.49	30.82	28.68	30.33	4.83	ppb
Boron	10-1	32.54	33.68	28.39	31.54	8.82	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.83	-0.50	-2.00	-1.44		ppb
Cadmium	108-1	7.62	7.70	10.12	8.48	16.75	ppb
Cadmium	111-1	0.29	0.40	0.16	0.28	42.42	ppb
Calcium	43-1	95501.92	95030.83	99758.72	96763.83	2.69	ppb
Calcium	44-1	92579.66	93734.17	96673.71	94329.18	2.24	ppb
Chromium	52-2	18.85	18.77	18.88	18.83	0.30	ppb
Cobalt	59-2	1.13	1.09	1.13	1.12	2.02	ppb
Copper	63-2	8.21	8.30	8.24	8.25	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	98033.77	97028.65	97504.42	97522.28	0.52	ppb
Iron	56-2	95458.20	96517.66	96187.44	96054.43	0.56	ppb
Iron	57-2	97656.74	98111.44	97244.17	97670.79	0.44	ppb
Krypton	83-1						cps
Lead	207-1	4.50	4.38	4.42	4.43	1.37	ppb
Lead	208-1	4.58	4.62	4.48	4.56	1.62	ppb
Lead	206-1	4.94	5.04	5.00	5.00	0.97	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:16:03	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	96067.43	93937.94	94534.94	94846.77	1.16	ppb
Manganese	55-2	6.97	7.13	7.11	7.07	1.25	ppb
Molybdenum	94-1	1327.90	1327.87	1336.40	1330.72	0.37	ppb
Molybdenum	95-1	1884.44	1860.52	1852.50	1865.82	0.89	ppb
Molybdenum	96-1	1784.50	1803.31	1803.44	1797.08	0.61	ppb
Molybdenum	97-1	1858.47	1883.19	1879.80	1873.82	0.72	ppb
Molybdenum	98-1	1861.77	1852.01	1864.51	1859.43	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.08	4.67	5.11	4.95	4.95	ppb
Phosphorus	31-2	92445.36	93124.68	92070.95	92547.00	0.58	ppb
Potassium	39-2	95913.23	95451.67	94525.20	95296.70	0.74	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-0.76	-0.76	-0.76	-0.76		ppb
Selenium	78-2	-1.97	-0.62	0.03	-0.85		ppb
Selenium	82-1	-1.12	-0.57	-0.09	-0.59		ppb
Silicon	28-1	3.86	1.85	14.99	6.90	102.55	ppb
Silver	109-1	0.04	0.03	0.04	0.04	10.84	ppb
Silver	107-1	0.03	0.07	0.07	0.06	38.97	ppb
Sodium	23-2	96599.33	97138.21	96605.37	96780.97	0.32	ppb
Strontium	86-1	32.69	31.95	33.06	32.56	1.73	ppb
Strontium	88-1	33.00	32.78	33.34	33.04	0.85	ppb
Sulfur	34-1	97909.65	94577.58	101249.41	97912.21	3.41	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.23	0.44	0.40	0.36	30.41	ppb
Thallium	205-1	0.25	0.37	0.41	0.35	23.54	ppb
Tin	118-1	0.40	0.30	0.37	0.36	14.37	ppb
Titanium	47-1	1917.86	1898.66	1963.21	1926.58	1.72	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	20.69	ppb
Vanadium	51-2	0.14	0.17	0.14	0.15	11.30	ppb
Yttrium	89-1				111		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:16:03	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	12.58	12.02	12.81	12.47	3.27	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	31.55	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	47.98	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:18:50	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89608.71	88640.88	88207.95	88819.18	0.81	ppb
Antimony	121-1	20.99	21.03	20.84	20.95	0.47	ppb
Arsenic	75-2	20.16	19.44	19.21	19.60	2.51	ppb
Barium	135-1	21.61	21.78	20.61	21.33	2.95	ppb
Barium	137-1	20.66	21.28	21.73	21.22	2.55	ppb
Beryllium	9-1	19.57	19.64	19.47	19.56	0.43	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	11-1	99.55	100.92	100.49	100.32	0.70	ppb
Boron	10-1	101.49	102.62	99.87	101.33	1.36	ppb
Bromine	81-1						cps
Cadmium	106-1	21.50	18.42	22.84	20.92	10.83	ppb
Cadmium	108-1	32.67	32.09	30.36	31.71	3.78	ppb
Cadmium	111-1	19.62	19.75	20.06	19.81	1.15	ppb
Calcium	43-1	98223.50	96575.35	99067.19	97955.35	1.29	ppb
Calcium	44-1	95962.09	95969.94	96851.73	96261.25	0.53	ppb
Chromium	52-2	41.72	41.78	42.49	42.00	1.03	ppb
Cobalt	59-2	21.46	20.94	20.86	21.08	1.55	ppb
Copper	63-2	28.54	28.51	28.98	28.68	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	98877.96	98835.79	97920.18	98544.64	0.55	ppb
Iron	56-2	97859.38	97612.74	97475.28	97649.13	0.20	ppb
Iron	57-2	97767.43	100354.38	100394.25	99505.35	1.51	ppb
Krypton	83-1						cps
Lead	207-1	22.87	23.23	23.00	23.03	0.79	ppb
Lead	208-1	24.06	23.56	23.91	23.84	1.08	ppb
Lead	206-1	24.65	24.77	25.34	24.92	1.48	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:18:50	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	96924.72	95209.60	95397.60	95843.98	0.98	ppb
Manganese	55-2	25.19	26.56	26.07	25.94	2.66	ppb
Molybdenum	94-1	1491.70	1447.61	1466.73	1468.68	1.51	ppb
Molybdenum	95-1	1961.85	1963.41	1981.81	1969.03	0.56	ppb
Molybdenum	96-1	1900.86	1916.72	1952.33	1923.30	1.37	ppb
Molybdenum	97-1	1916.62	1948.28	1981.95	1948.95	1.68	ppb
Molybdenum	98-1	1925.94	1952.06	1983.22	1953.74	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.55	26.74	26.83	26.71	0.52	ppb
Phosphorus	31-2	93008.85	94152.14	93834.35	93665.12	0.63	ppb
Potassium	39-2	97901.90	97213.22	97881.26	97665.46	0.40	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	18.16	20.21	18.08	18.82	6.42	ppb
Selenium	78-2	16.55	16.86	16.44	16.62	1.31	ppb
Selenium	82-1	20.99	19.35	16.29	18.88	12.65	ppb
Silicon	28-1	59.00	28.85	64.36	50.74	37.74	ppb
Silver	109-1	19.11	18.96	18.78	18.95	0.87	ppb
Silver	107-1	18.21	19.22	18.91	18.78	2.74	ppb
Sodium	23-2	98328.93	98313.25	97816.78	98152.99	0.30	ppb
Strontium	86-1	86.28	84.63	88.37	86.43	2.17	ppb
Strontium	88-1	87.54	88.30	89.45	88.43	1.08	ppb
Sulfur	34-1	98470.28	89812.05	96691.01	94991.11	4.81	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	19.96	19.63	19.61	19.73	0.98	ppb
Thallium	205-1	20.14	20.04	19.64	19.94	1.34	ppb
Tin	118-1	52.54	53.98	53.46	53.33	1.36	ppb
Titanium	47-1	1988.75	1970.61	2011.05	1990.14	1.02	ppb
Uranium	238-1	53.14	53.33	53.39	53.29	0.24	ppb
Vanadium	51-2	19.29	19.39	19.64	19.44	0.93	ppb
Yttrium	89-1				112		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:18:50	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	34.77	33.60	32.13	33.50	3.95	ppb
Zirconium	90-1	54.45	53.29	54.53	54.09	1.28	ppb
Zirconium	91-1	54.76	53.97	53.71	54.15	1.01	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P8
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:21:41	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51816.00	51473.63	51374.77	51554.80	0.45	ppb
Antimony	121-1	506.71	502.93	497.31	502.32	0.94	ppb
Arsenic	75-2	490.32	490.04	491.26	490.54	0.13	ppb
Barium	135-1	2576.42	2565.34	2503.35	2548.37	1.55	ppb
Barium	137-1	2549.86	2545.77	2514.72	2536.78	0.76	ppb
Beryllium	9-1	490.08	491.99	492.50	491.52	0.26	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	11-1	399.09	469.91	520.26	463.09	13.14	ppb
Boron	10-1	398.62	469.13	520.79	462.85	13.25	ppb
Bromine	81-1						cps
Cadmium	106-1	496.43	492.51	481.03	489.99	1.63	ppb
Cadmium	108-1	508.11	500.22	493.24	500.52	1.49	ppb
Cadmium	111-1	486.41	492.42	485.15	487.99	0.80	ppb
Calcium	43-1	242411.41	251199.60	243705.40	245772.14	1.93	ppb
Calcium	44-1	241265.67	246716.25	243068.43	243683.45	1.14	ppb
Chromium	52-2	510.08	509.09	504.68	507.95	0.57	ppb
Cobalt	59-2	488.78	499.18	496.47	494.81	1.09	ppb
Copper	63-2	4901.17	4912.79	4915.25	4909.74	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	54-2	125027.73	127123.10	124910.73	125687.18	0.99	ppb
Iron	56-2	123325.87	125243.92	124234.31	124268.03	0.77	ppb
Iron	57-2	125872.77	128850.05	126523.73	127082.18	1.23	ppb
Krypton	83-1						cps
Lead	207-1	2554.49	2608.57	2604.77	2589.28	1.17	ppb
Lead	208-1	2554.69	2587.91	2610.17	2584.26	1.08	ppb
Lead	206-1	2564.20	2579.42	2638.22	2593.94	1.51	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P8
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:21:41	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	247451.41	251285.46	251175.45	249970.78	0.87	ppb
Manganese	55-2	4996.61	4966.19	4899.80	4954.20	1.00	ppb
Molybdenum	94-1	2509.09	2546.94	2563.39	2539.81	1.10	ppb
Molybdenum	95-1	2470.53	2560.80	2549.36	2526.90	1.94	ppb
Molybdenum	96-1	2464.41	2565.16	2566.40	2531.99	2.31	ppb
Molybdenum	97-1	2513.58	2559.67	2531.96	2535.07	0.92	ppb
Molybdenum	98-1	2462.36	2524.75	2504.03	2497.05	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.19	500.56	492.55	494.77	1.02	ppb
Phosphorus	31-2	10358.35	10081.73	9889.63	10109.90	2.33	ppb
Potassium	39-2	125360.58	123251.43	126567.02	125059.68	1.34	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	527.34	512.91	503.83	514.69	2.30	ppb
Selenium	78-2	507.34	503.50	494.03	501.62	1.37	ppb
Selenium	82-1	491.05	504.07	493.55	496.22	1.39	ppb
Silicon	28-1	430.38	490.04	529.39	483.27	10.31	ppb
Silver	109-1	501.92	495.25	488.56	495.24	1.35	ppb
Silver	107-1	504.15	500.66	496.98	500.60	0.72	ppb
Sodium	23-2	248118.29	249198.00	248690.09	248668.79	0.22	ppb
Strontium	86-1	492.36	502.12	495.91	496.80	0.99	ppb
Strontium	88-1	490.35	507.82	496.02	498.06	1.79	ppb
Sulfur	34-1	3319.62	5107.97	3990.62	4139.40	21.82	ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	502.00	512.78	513.01	509.26	1.24	ppb
Thallium	205-1	513.75	507.92	517.78	513.15	0.97	ppb
Tin	118-1	513.21	510.06	494.17	505.81	2.02	ppb
Titanium	47-1	2563.32	2530.71	2552.10	2548.71	0.65	ppb
Uranium	238-1	519.95	522.06	530.58	524.20	1.07	ppb
Vanadium	51-2	502.63	504.44	502.18	503.08	0.24	ppb
Yttrium	89-1				116		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P8
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:21:41	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	4902.16	4912.93	4915.24	4910.11	0.14	ppb
Zirconium	90-1	497.76	511.12	511.16	506.68	1.52	ppb
Zirconium	91-1	497.09	504.29	506.11	502.49	0.95	ppb

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : CCB021 Instrumnet Name : P8
 Client Sample ID : CCB021 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:27:32 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.63	1.36	-4.95	-2.08		ppb
Antimony	121-1	0.04	0.03	0.02	0.03	20.31	ppb
Arsenic	75-2	-0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.01	-0.02	0.01	0.00	484.05	ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.07	0.05	0.05	41.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	25.77	23.77	25.65	25.06	4.48	ppb
Boron	10-1	26.07	24.97	24.29	25.11	3.58	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.62	0.69	-0.16	-0.36		ppb
Cadmium	108-1	-0.03	0.21	0.21	0.13	106.59	ppb
Cadmium	111-1	-0.11	0.03	-0.02	-0.03		ppb
Calcium	43-1	-12.24	-16.04	-7.69	-11.99		ppb
Calcium	44-1	-20.76	-15.40	-19.24	-18.47		ppb
Chromium	52-2	0.03	-0.01	0.02	0.01	179.71	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.53	0.47	0.49	0.50	6.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	-1.88	-1.99	-3.78	-2.55		ppb
Iron	56-2	-0.24	0.07	-0.07	-0.08		ppb
Iron	57-2	2.32	-3.18	-1.01	-0.63		ppb
Krypton	83-1						cps
Lead	207-1	0.25	0.24	0.23	0.24	3.89	ppb
Lead	208-1	0.23	0.20	0.23	0.22	6.42	ppb
Lead	206-1	0.23	0.21	0.22	0.22	5.84	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P8
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:27:32	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	2.32	1.90	2.43	2.22	12.56	ppb
Manganese	55-2	-0.12	-0.08	-0.07	-0.09		ppb
Molybdenum	94-1	0.03	0.07	0.05	0.05	34.65	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	67.89	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	2.80	ppb
Molybdenum	97-1	0.03	0.04	0.00	0.02	82.02	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	64.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.04	-0.03	-0.01		ppb
Phosphorus	31-2	11.03	-71.18	-81.58	-47.24		ppb
Potassium	39-2	-6.77	-15.19	-22.44	-14.80		ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	1.42	-0.76	-0.76	-0.03		ppb
Selenium	78-2	-2.51	-2.35	-3.13	-2.66		ppb
Selenium	82-1	2.91	-0.63	0.31	0.87	211.76	ppb
Silicon	28-1	-30.15	-28.82	-32.80	-30.59		ppb
Silver	109-1	0.00	0.01	0.01	0.01	41.73	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.51	ppb
Sodium	23-2	65.03	70.22	63.61	66.29	5.25	ppb
Strontium	86-1	-0.21	-0.22	-0.19	-0.20		ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	399.59	ppb
Sulfur	34-1	-6344.73	-6303.08	-7093.46	-6580.43		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.06	0.06	0.07	21.86	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	8.71	ppb
Tin	118-1	0.00	-0.01	0.04	0.01	257.74	ppb
Titanium	47-1	0.25	0.09	-0.05	0.10	159.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	100.58	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	97.89	ppb
Yttrium	89-1				109		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P8
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:27:32	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.55	0.63	0.38	0.52	24.38	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.05	0.02	126.98	ppb

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : PB127943BL Instrumnet Name : P8
 Client Sample ID : PBS943 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:30:20 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.20	-3.40	1.40	0.07	4589.60	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	31.08	ppb
Arsenic	75-2	0.00	-0.01	0.08	0.03	186.27	ppb
Barium	135-1	0.01	0.09	0.01	0.04	118.12	ppb
Barium	137-1	0.02	0.01	0.04	0.02	58.39	ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	33.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	11-1	18.66	18.18	17.96	18.27	1.96	ppb
Boron	10-1	18.29	19.47	18.08	18.61	4.01	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.36	-0.56	-1.39	-1.11		ppb
Cadmium	108-1	0.13	0.21	0.21	0.18	23.92	ppb
Cadmium	111-1	-0.11	-0.05	-0.12	-0.09		ppb
Calcium	43-1	-5.59	3.50	-12.79	-4.96		ppb
Calcium	44-1	-16.89	-30.70	-26.29	-24.63		ppb
Chromium	52-2	0.12	0.16	-0.05	0.07	147.22	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.39	0.40	0.29	0.36	16.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	-4.93	-1.00	-0.86	-2.26		ppb
Iron	56-2	-0.54	-0.03	0.28	-0.10		ppb
Iron	57-2	-2.44	0.34	-3.21	-1.77		ppb
Krypton	83-1						cps
Lead	207-1	0.20	0.16	0.22	0.19	15.84	ppb
Lead	208-1	0.18	0.17	0.18	0.18	4.99	ppb
Lead	206-1	0.16	0.17	0.17	0.17	2.99	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BL	Instrumnet Name :	P8
Client Sample ID :	PBS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:30:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	1.30	1.82	0.72	1.28	42.82	ppb
Manganese	55-2	-0.01	-0.16	-0.03	-0.07		ppb
Molybdenum	94-1	0.06	0.02	0.00	0.03	95.64	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	100.57	ppb
Molybdenum	96-1	0.03	0.05	0.02	0.03	46.14	ppb
Molybdenum	97-1	0.00	0.04	0.01	0.02	111.58	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	20.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.03	-0.01	-0.04		ppb
Phosphorus	31-2	10.62	-17.50	-1.21	-2.70		ppb
Potassium	39-2	8.08	1.77	-18.86	-3.00		ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	1.45	-0.76	-0.76	-0.02		ppb
Selenium	78-2	-4.21	-2.22	-1.10	-2.51		ppb
Selenium	82-1	-0.90	1.01	0.84	0.32	333.12	ppb
Silicon	28-1	-30.18	-50.95	-36.24	-39.12		ppb
Silver	109-1	0.00	0.01	0.01	0.00	166.77	ppb
Silver	107-1	0.02	0.01	0.01	0.01	12.04	ppb
Sodium	23-2	56.25	57.11	56.33	56.56	0.85	ppb
Strontium	86-1	-0.14	-0.39	-0.13	-0.22		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	2300.24	ppb
Sulfur	34-1	-6567.35	-8588.95	-7230.07	-7462.13		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.07	0.04	0.05	25.84	ppb
Thallium	205-1	0.05	0.05	0.07	0.06	15.17	ppb
Tin	118-1	0.01	0.02	0.00	0.01	116.58	ppb
Titanium	47-1	-0.05	0.09	0.03	0.03	276.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	45.17	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				110		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BL	Instrumnet Name :	P8
Client Sample ID :	PBS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:30:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.47	0.53	0.21	0.40	42.33	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.05	-0.01	0.00	996.16	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BS	Instrumnet Name :	P8
Client Sample ID :	LCS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:33:10	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.86	36.71	39.16	37.91	3.23	ppb
Antimony	121-1	4.23	3.98	3.85	4.02	4.75	ppb
Arsenic	75-2	1.97	2.01	1.84	1.94	4.43	ppb
Barium	135-1	20.85	20.70	20.12	20.55	1.88	ppb
Barium	137-1	20.41	21.38	21.54	21.11	2.90	ppb
Beryllium	9-1	2.00	1.98	2.07	2.02	2.53	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	11-1	44.12	52.58	56.99	51.23	12.77	ppb
Boron	10-1	43.00	53.44	59.67	52.04	16.18	ppb
Bromine	81-1						cps
Cadmium	106-1	0.62	0.88	0.04	0.52	83.39	ppb
Cadmium	108-1	2.40	1.91	2.46	2.25	13.49	ppb
Cadmium	111-1	1.79	2.03	1.90	1.91	6.36	ppb
Calcium	43-1	999.80	1011.16	1014.54	1008.50	0.77	ppb
Calcium	44-1	1000.72	1000.51	1003.23	1001.49	0.15	ppb
Chromium	52-2	4.52	4.35	4.11	4.33	4.76	ppb
Cobalt	59-2	2.04	2.02	2.11	2.06	2.43	ppb
Copper	63-2	4.45	4.28	4.60	4.44	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	369.58	370.19	398.39	379.39	4.34	ppb
Iron	56-2	363.33	365.70	376.64	368.55	1.93	ppb
Iron	57-2	359.01	372.55	371.88	367.81	2.08	ppb
Krypton	83-1						cps
Lead	207-1	2.17	2.08	2.14	2.13	2.13	ppb
Lead	208-1	2.17	2.13	2.14	2.15	0.94	ppb
Lead	206-1	2.18	2.05	2.20	2.14	3.85	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BS	Instrumnet Name :	P8
Client Sample ID :	LCS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:33:10	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	1091.97	1058.66	1076.89	1075.84	1.55	ppb
Manganese	55-2	1.79	1.99	2.24	2.00	11.29	ppb
Molybdenum	94-1	10.11	10.20	11.01	10.44	4.73	ppb
Molybdenum	95-1	10.75	11.32	10.55	10.87	3.67	ppb
Molybdenum	96-1	10.65	10.58	10.55	10.59	0.50	ppb
Molybdenum	97-1	10.77	10.66	10.24	10.56	2.63	ppb
Molybdenum	98-1	10.49	10.46	10.70	10.55	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.50	2.32	2.17	2.33	7.02	ppb
Phosphorus	31-2	152.10	58.54	130.07	113.57	43.07	ppb
Potassium	39-2	1036.31	1032.98	1082.04	1050.44	2.61	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	18.87	14.33	3.79	12.33	62.75	ppb
Selenium	78-2	11.24	6.62	10.21	9.36	25.91	ppb
Selenium	82-1	10.96	12.22	10.68	11.29	7.27	ppb
Silicon	28-1	-17.32	-23.04	-16.12	-18.83		ppb
Silver	109-1	1.70	1.91	1.60	1.74	9.13	ppb
Silver	107-1	1.74	1.72	1.74	1.74	0.69	ppb
Sodium	23-2	1096.92	1104.52	1138.68	1113.37	2.00	ppb
Strontium	86-1	1.91	2.28	1.81	2.00	12.41	ppb
Strontium	88-1	2.00	2.06	1.98	2.01	2.00	ppb
Sulfur	34-1	-6324.66	-6350.98	-5449.44	-6041.69		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	1.90	1.93	2.09	1.97	5.00	ppb
Thallium	205-1	2.04	1.96	2.11	2.04	3.63	ppb
Tin	118-1	10.88	10.36	10.71	10.65	2.48	ppb
Titanium	47-1	10.75	10.04	11.10	10.63	5.07	ppb
Uranium	238-1	1.95	1.96	1.95	1.95	0.32	ppb
Vanadium	51-2	10.74	10.57	10.69	10.67	0.83	ppb
Yttrium	89-1				110		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BS	Instrumnet Name :	P8
Client Sample ID :	LCS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:33:10	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	4.10	4.74	5.18	4.67	11.57	ppb
Zirconium	90-1	1.87	1.86	1.99	1.91	3.74	ppb
Zirconium	91-1	1.97	1.98	2.09	2.01	3.28	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-01	Instrumnet Name :	P8
Client Sample ID :	MC0AR8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:35:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20142.32	19295.70	19112.65	19516.89	2.81	ppb
Antimony	121-1	1.67	1.62	1.61	1.63	1.81	ppb
Arsenic	75-2	6.76	6.69	6.02	6.49	6.25	ppb
Barium	135-1	304.34	307.99	307.68	306.67	0.66	ppb
Barium	137-1	299.38	306.28	307.45	304.37	1.43	ppb
Beryllium	9-1	1.53	1.40	1.35	1.43	6.31	ppb
Bismuth	209-1				114		%
Bismuth	209-2				111		%
Boron	11-1	25.13	24.78	26.21	25.37	2.93	ppb
Boron	10-1	26.16	27.31	27.26	26.91	2.42	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.06	1.63	2.55	1.37	96.41	ppb
Cadmium	108-1	2.78	2.62	2.63	2.67	3.34	ppb
Cadmium	111-1	0.87	1.19	1.13	1.06	15.97	ppb
Calcium	43-1	13784.50	13939.72	13815.06	13846.43	0.59	ppb
Calcium	44-1	13380.66	13713.16	13664.52	13586.11	1.32	ppb
Chromium	52-2	76.62	75.21	74.03	75.29	1.72	ppb
Cobalt	59-2	27.59	26.36	26.55	26.83	2.46	ppb
Copper	63-2	99.74	95.34	94.99	96.69	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	54-2	41928.40	40809.59	40330.31	41022.77	2.00	ppb
Iron	56-2	41272.16	40156.18	39475.76	40301.37	2.25	ppb
Iron	57-2	41521.66	39703.47	39396.47	40207.20	2.86	ppb
Krypton	83-1						cps
Lead	207-1	105.92	107.07	105.22	106.07	0.88	ppb
Lead	208-1	110.06	110.46	110.03	110.18	0.22	ppb
Lead	206-1	115.10	116.78	115.51	115.80	0.76	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-01	Instrumnet Name :	P8
Client Sample ID :	MC0AR8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:35:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	12706.65	12261.02	12130.64	12366.10	2.44	ppb
Manganese	55-2	362.93	347.71	347.07	352.57	2.55	ppb
Molybdenum	94-1	3.79	3.72	3.65	3.72	1.92	ppb
Molybdenum	95-1	1.26	1.21	1.40	1.29	7.85	ppb
Molybdenum	96-1	1.71	1.61	1.50	1.61	6.62	ppb
Molybdenum	97-1	1.27	1.23	1.19	1.23	3.13	ppb
Molybdenum	98-1	1.33	1.25	1.13	1.24	8.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.27	44.76	45.13	46.06	4.19	ppb
Phosphorus	31-2	876.28	966.21	863.05	901.85	6.22	ppb
Potassium	39-2	6255.32	6021.14	6036.10	6104.19	2.15	ppb
Rhodium	103-1				113		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	77-2	33.90	22.85	14.77	23.84	40.29	ppb
Selenium	78-2	2.96	4.17	1.26	2.80	52.37	ppb
Selenium	82-1	1.23	3.42	2.53	2.39	46.08	ppb
Silicon	28-1	2884.29	2865.29	2846.14	2865.24	0.67	ppb
Silver	109-1	0.22	0.23	0.27	0.24	9.67	ppb
Silver	107-1	0.16	0.21	0.28	0.22	26.01	ppb
Sodium	23-2	881.55	844.64	842.21	856.14	2.57	ppb
Strontium	86-1	49.37	49.21	49.98	49.52	0.82	ppb
Strontium	88-1	50.19	51.35	51.29	50.94	1.29	ppb
Sulfur	34-1	-502.87	-1976.93	-2122.23	-1534.01		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.56	0.53	0.38	0.49	19.61	ppb
Thallium	205-1	0.59	0.57	0.50	0.55	8.86	ppb
Tin	118-1	5.97	5.68	6.10	5.91	3.63	ppb
Titanium	47-1	2011.22	2017.64	2043.68	2024.18	0.85	ppb
Uranium	238-1	2.04	2.05	1.99	2.03	1.54	ppb
Vanadium	51-2	96.50	94.75	92.79	94.68	1.96	ppb
Yttrium	89-1				123		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-01	Instrumnet Name :	P8
Client Sample ID :	MC0AR8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:35:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				114		%
Zinc	66-2	409.75	397.67	392.39	399.94	2.22	ppb
Zirconium	90-1	1.89	1.99	1.99	1.96	3.05	ppb
Zirconium	91-1	2.00	2.03	2.04	2.03	0.92	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:38:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41010.26	40657.76	40780.04	40816.02	0.44	ppb
Antimony	121-1	1.01	0.92	0.95	0.96	4.61	ppb
Arsenic	75-2	12.97	12.77	12.81	12.85	0.84	ppb
Barium	135-1	611.66	596.77	597.67	602.03	1.39	ppb
Barium	137-1	601.42	596.10	595.09	597.54	0.57	ppb
Beryllium	9-1	4.44	4.46	4.26	4.39	2.46	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	11-1	17.94	19.20	19.54	18.89	4.47	ppb
Boron	10-1	19.27	20.24	17.61	19.04	6.99	ppb
Bromine	81-1						cps
Cadmium	106-1	3.14	6.59	2.36	4.03	55.82	ppb
Cadmium	108-1	2.33	2.32	1.87	2.17	12.23	ppb
Cadmium	111-1	1.48	1.56	1.45	1.50	3.95	ppb
Calcium	43-1	8682.40	8687.52	8742.28	8704.07	0.38	ppb
Calcium	44-1	8718.65	8756.36	8872.00	8782.34	0.91	ppb
Chromium	52-2	140.89	138.90	141.62	140.47	1.00	ppb
Cobalt	59-2	45.77	44.31	45.53	45.20	1.73	ppb
Copper	63-2	120.16	116.49	119.64	118.77	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				113		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	54-2	79206.89	76038.44	79200.16	78148.50	2.34	ppb
Iron	56-2	77739.60	76587.93	76985.00	77104.18	0.76	ppb
Iron	57-2	79423.27	76909.23	77469.62	77934.04	1.69	ppb
Krypton	83-1						cps
Lead	207-1	190.17	193.70	192.53	192.14	0.94	ppb
Lead	208-1	199.87	201.62	200.11	200.53	0.47	ppb
Lead	206-1	207.21	206.85	206.89	206.99	0.09	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:38:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	13423.94	13275.29	13348.05	13349.09	0.56	ppb
Manganese	55-2	561.83	557.68	558.77	559.43	0.38	ppb
Molybdenum	94-1	5.78	5.61	5.48	5.63	2.67	ppb
Molybdenum	95-1	2.63	2.69	2.76	2.70	2.49	ppb
Molybdenum	96-1	3.16	3.25	3.14	3.18	1.88	ppb
Molybdenum	97-1	2.96	2.82	2.52	2.77	8.07	ppb
Molybdenum	98-1	2.86	2.69	2.85	2.80	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.41	65.19	64.70	65.43	1.34	ppb
Phosphorus	31-2	1698.63	2265.60	1785.14	1916.46	15.94	ppb
Potassium	39-2	6374.77	6169.85	6393.99	6312.87	1.97	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	77-2	74.06	64.63	78.20	72.30	9.62	ppb
Selenium	78-2	7.89	9.30	6.21	7.80	19.84	ppb
Selenium	82-1	4.26	2.05	4.81	3.71	39.36	ppb
Silicon	28-1	3269.22	3300.90	3316.21	3295.44	0.73	ppb
Silver	109-1	0.42	0.44	0.47	0.44	5.39	ppb
Silver	107-1	0.41	0.37	0.46	0.41	11.65	ppb
Sodium	23-2	1369.46	1378.93	1374.19	1374.20	0.34	ppb
Strontium	86-1	41.22	40.10	42.67	41.33	3.12	ppb
Strontium	88-1	42.08	42.69	42.42	42.39	0.73	ppb
Sulfur	34-1	2171.51	953.58	1463.88	1529.66	39.98	ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	0.66	0.66	0.58	0.64	7.08	ppb
Thallium	205-1	0.69	0.65	0.65	0.66	3.83	ppb
Tin	118-1	7.77	7.91	7.80	7.83	0.97	ppb
Titanium	47-1	2329.52	2322.31	2317.31	2323.05	0.26	ppb
Uranium	238-1	5.12	5.15	5.02	5.10	1.27	ppb
Vanadium	51-2	231.23	228.94	231.59	230.59	0.62	ppb
Yttrium	89-1				139		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:38:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				132		%
Zinc	66-2	494.97	491.39	499.43	495.26	0.81	ppb
Zirconium	90-1	2.32	2.44	2.38	2.38	2.40	ppb
Zirconium	91-1	2.28	2.32	2.34	2.31	1.35	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-03	Instrumnet Name :	P8
Client Sample ID :	MC0AS2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:41:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2552.74	2591.39	2610.01	2584.72	1.13	ppb
Antimony	121-1	0.55	0.65	0.74	0.65	14.92	ppb
Arsenic	75-2	1.36	1.72	1.68	1.59	12.49	ppb
Barium	135-1	42.95	42.11	41.13	42.06	2.16	ppb
Barium	137-1	41.52	41.24	42.24	41.67	1.24	ppb
Beryllium	9-1	0.27	0.23	0.25	0.25	9.47	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	11-1	11.41	11.40	11.70	11.50	1.47	ppb
Boron	10-1	12.31	11.21	11.59	11.70	4.76	ppb
Bromine	81-1						cps
Cadmium	106-1	0.04	-2.96	-0.28	-1.07		ppb
Cadmium	108-1	0.45	0.29	0.29	0.34	27.58	ppb
Cadmium	111-1	0.28	0.01	0.21	0.17	82.08	ppb
Calcium	43-1	2925.86	2955.82	2972.01	2951.23	0.79	ppb
Calcium	44-1	2898.42	2942.05	2989.64	2943.37	1.55	ppb
Chromium	52-2	10.86	11.31	11.43	11.20	2.67	ppb
Cobalt	59-2	3.19	3.09	3.24	3.17	2.27	ppb
Copper	63-2	14.87	14.83	14.69	14.80	0.62	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				112		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	54-2	5553.44	5723.67	5550.39	5609.17	1.77	ppb
Iron	56-2	5543.90	5705.84	5625.72	5625.15	1.44	ppb
Iron	57-2	5588.62	5542.82	5522.94	5551.46	0.61	ppb
Krypton	83-1						cps
Lead	207-1	20.10	20.27	20.14	20.17	0.44	ppb
Lead	208-1	20.89	21.11	21.07	21.02	0.56	ppb
Lead	206-1	21.41	21.59	21.78	21.59	0.86	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-03	Instrumnet Name :	P8
Client Sample ID :	MC0AS2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:41:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	2024.45	2042.90	2071.80	2046.38	1.17	ppb
Manganese	55-2	53.17	53.73	52.32	53.07	1.34	ppb
Molybdenum	94-1	0.69	0.78	0.62	0.70	11.36	ppb
Molybdenum	95-1	0.34	0.38	0.46	0.39	16.21	ppb
Molybdenum	96-1	0.54	0.34	0.46	0.45	22.47	ppb
Molybdenum	97-1	0.46	0.39	0.42	0.42	7.96	ppb
Molybdenum	98-1	0.54	0.43	0.40	0.46	15.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.78	5.77	6.04	5.86	2.64	ppb
Phosphorus	31-2	122.22	159.23	99.74	127.06	23.64	ppb
Potassium	39-2	651.51	673.43	678.09	667.68	2.13	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	77-2	-0.76	13.19	3.65	5.36	133.06	ppb
Selenium	78-2	-3.28	-1.79	-3.65	-2.90		ppb
Selenium	82-1	0.29	-0.17	1.91	0.68	161.22	ppb
Silicon	28-1	686.53	723.21	699.24	702.99	2.65	ppb
Silver	109-1	0.12	0.15	0.17	0.15	18.98	ppb
Silver	107-1	0.14	0.14	0.16	0.15	7.71	ppb
Sodium	23-2	227.09	271.43	252.24	250.25	8.89	ppb
Strontium	86-1	6.56	7.59	8.13	7.43	10.74	ppb
Strontium	88-1	7.58	7.66	7.63	7.62	0.54	ppb
Sulfur	34-1	-12264.19	-12315.29	-12806.35	-12461.94		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.09	0.06	0.08	20.42	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	18.64	ppb
Tin	118-1	0.86	0.75	0.77	0.79	7.84	ppb
Titanium	47-1	219.36	216.43	221.48	219.09	1.16	ppb
Uranium	238-1	0.42	0.46	0.44	0.44	4.98	ppb
Vanadium	51-2	17.77	18.12	17.87	17.92	1.01	ppb
Yttrium	89-1				114		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-03	Instrumnet Name :	P8
Client Sample ID :	MC0AS2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:41:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	76.71	75.80	78.22	76.91	1.59	ppb
Zirconium	90-1	0.29	0.30	0.26	0.28	6.02	ppb
Zirconium	91-1	0.33	0.22	0.28	0.28	20.52	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-04	Instrumnet Name :	P8
Client Sample ID :	MC0AS3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:44:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23688.94	24078.96	23383.68	23717.19	1.47	ppb
Antimony	121-1	0.88	0.87	0.89	0.88	0.86	ppb
Arsenic	75-2	12.72	13.25	13.28	13.09	2.40	ppb
Barium	135-1	384.74	409.72	408.28	400.91	3.50	ppb
Barium	137-1	387.75	421.07	406.42	405.08	4.12	ppb
Beryllium	9-1	2.65	2.92	2.77	2.78	4.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	11-1	11.25	13.75	13.78	12.93	11.24	ppb
Boron	10-1	11.46	12.63	14.44	12.84	11.69	ppb
Bromine	81-1						cps
Cadmium	106-1	4.30	4.17	1.79	3.42	41.29	ppb
Cadmium	108-1	1.14	0.46	1.25	0.95	44.80	ppb
Cadmium	111-1	1.28	1.49	1.02	1.26	18.35	ppb
Calcium	43-1	4980.41	5189.42	5324.63	5164.82	3.36	ppb
Calcium	44-1	4993.53	5156.84	5192.72	5114.37	2.08	ppb
Chromium	52-2	85.45	86.55	84.39	85.46	1.27	ppb
Cobalt	59-2	19.45	19.90	19.45	19.60	1.32	ppb
Copper	63-2	89.77	90.98	88.66	89.80	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	54-2	62129.69	62790.30	62443.12	62454.37	0.53	ppb
Iron	56-2	61265.66	62513.86	60657.42	61478.98	1.54	ppb
Iron	57-2	61403.01	62228.91	60782.39	61471.44	1.18	ppb
Krypton	83-1						cps
Lead	207-1	165.48	172.73	169.24	169.15	2.14	ppb
Lead	208-1	172.45	180.94	176.42	176.61	2.41	ppb
Lead	206-1	178.76	188.67	183.98	183.80	2.70	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-04	Instrumnet Name :	P8
Client Sample ID :	MC0AS3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:44:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	6305.43	6366.75	6201.07	6291.08	1.33	ppb
Manganese	55-2	501.85	511.79	500.61	504.75	1.21	ppb
Molybdenum	94-1	5.06	5.75	5.47	5.43	6.41	ppb
Molybdenum	95-1	2.39	2.64	2.41	2.48	5.65	ppb
Molybdenum	96-1	2.77	3.04	2.58	2.79	8.34	ppb
Molybdenum	97-1	1.94	2.57	2.17	2.23	14.13	ppb
Molybdenum	98-1	2.24	2.58	2.25	2.36	8.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.47	38.64	37.87	38.33	1.06	ppb
Phosphorus	31-2	2855.76	2711.16	2560.28	2709.07	5.45	ppb
Potassium	39-2	2954.04	2960.88	2914.41	2943.11	0.85	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	77-2	70.71	51.59	56.02	59.44	16.84	ppb
Selenium	78-2	6.00	5.26	5.25	5.50	7.87	ppb
Selenium	82-1	2.04	2.86	2.97	2.62	19.49	ppb
Silicon	28-1	2377.93	2543.80	2463.70	2461.81	3.37	ppb
Silver	109-1	0.32	0.42	0.41	0.38	14.41	ppb
Silver	107-1	0.30	0.44	0.41	0.39	18.66	ppb
Sodium	23-2	1234.73	1274.43	1239.90	1249.69	1.73	ppb
Strontium	86-1	23.56	25.41	24.43	24.47	3.77	ppb
Strontium	88-1	24.80	26.68	25.39	25.62	3.73	ppb
Sulfur	34-1	-3511.12	-1453.91	-2122.26	-2362.43		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.33	0.36	0.32	0.34	5.22	ppb
Thallium	205-1	0.31	0.37	0.33	0.34	9.48	ppb
Tin	118-1	5.58	5.87	5.78	5.74	2.63	ppb
Titanium	47-1	1035.68	1078.67	1081.95	1065.43	2.42	ppb
Uranium	238-1	3.36	3.71	3.62	3.57	5.03	ppb
Vanadium	51-2	161.47	164.85	160.98	162.43	1.30	ppb
Yttrium	89-1				124		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-04	Instrumnet Name :	P8
Client Sample ID :	MC0AS3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:44:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				120		%
Zinc	66-2	361.96	365.41	359.06	362.14	0.88	ppb
Zirconium	90-1	2.31	2.51	2.15	2.32	7.78	ppb
Zirconium	91-1	2.02	2.48	2.50	2.33	11.61	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-05	Instrumnet Name :	P8
Client Sample ID :	MC0AS4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:47:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2833.16	2850.37	2919.61	2867.71	1.60	ppb
Antimony	121-1	0.79	0.92	0.87	0.86	7.37	ppb
Arsenic	75-2	1.52	1.92	2.19	1.88	18.02	ppb
Barium	135-1	47.97	49.78	48.62	48.79	1.88	ppb
Barium	137-1	48.78	49.69	48.37	48.95	1.39	ppb
Beryllium	9-1	0.30	0.29	0.27	0.29	6.83	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	11-1	9.34	9.68	9.64	9.55	1.96	ppb
Boron	10-1	10.53	9.54	9.90	9.99	5.05	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.31	0.55	1.16	0.47	157.29	ppb
Cadmium	108-1	0.67	0.45	0.68	0.60	22.16	ppb
Cadmium	111-1	0.32	0.49	0.40	0.40	21.42	ppb
Calcium	43-1	4421.38	4646.71	4594.55	4554.21	2.59	ppb
Calcium	44-1	4577.05	4651.04	4570.44	4599.51	0.97	ppb
Chromium	52-2	13.21	13.60	14.02	13.61	2.97	ppb
Cobalt	59-2	3.24	3.40	3.29	3.31	2.42	ppb
Copper	63-2	19.50	19.88	19.94	19.77	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	54-2	6441.91	6430.20	6583.83	6485.31	1.32	ppb
Iron	56-2	6520.61	6411.75	6605.48	6512.61	1.49	ppb
Iron	57-2	6478.23	6442.27	6601.24	6507.25	1.28	ppb
Krypton	83-1						cps
Lead	207-1	24.10	24.34	24.03	24.16	0.67	ppb
Lead	208-1	25.37	25.26	25.48	25.37	0.44	ppb
Lead	206-1	26.02	26.27	26.95	26.41	1.84	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-05	Instrumnet Name :	P8
Client Sample ID :	MC0AS4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:47:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	2929.78	2935.21	2910.28	2925.09	0.45	ppb
Manganese	55-2	69.99	71.07	71.42	70.83	1.05	ppb
Molybdenum	94-1	0.86	0.99	0.88	0.91	7.86	ppb
Molybdenum	95-1	0.59	0.62	0.62	0.61	2.63	ppb
Molybdenum	96-1	0.60	0.57	0.54	0.57	5.33	ppb
Molybdenum	97-1	0.56	0.58	0.51	0.55	6.14	ppb
Molybdenum	98-1	0.51	0.46	0.50	0.49	5.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.33	7.39	6.95	7.22	3.26	ppb
Phosphorus	31-2	184.85	189.11	195.07	189.68	2.71	ppb
Potassium	39-2	633.73	617.45	638.75	629.98	1.77	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	3.39	11.78	1.31	5.49	100.87	ppb
Selenium	78-2	-1.84	-0.68	-0.36	-0.96		ppb
Selenium	82-1	-0.52	1.87	0.57	0.64	187.60	ppb
Silicon	28-1	776.42	809.18	814.26	799.95	2.57	ppb
Silver	109-1	0.14	0.19	0.16	0.17	14.70	ppb
Silver	107-1	0.19	0.17	0.17	0.18	8.53	ppb
Sodium	23-2	286.66	293.14	291.53	290.44	1.16	ppb
Strontium	86-1	9.95	10.39	10.06	10.13	2.29	ppb
Strontium	88-1	10.61	10.83	10.91	10.78	1.45	ppb
Sulfur	34-1	-12846.07	-12215.85	-11877.93	-12313.29		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.05	0.07	0.06	18.44	ppb
Thallium	205-1	0.06	0.08	0.05	0.06	24.90	ppb
Tin	118-1	1.04	1.04	1.21	1.10	8.77	ppb
Titanium	47-1	244.68	248.16	249.48	247.44	1.00	ppb
Uranium	238-1	0.52	0.57	0.50	0.53	7.11	ppb
Vanadium	51-2	20.32	20.47	20.57	20.45	0.61	ppb
Yttrium	89-1				116		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-05	Instrumnet Name :	P8
Client Sample ID :	MC0AS4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:47:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	92.60	94.83	95.92	94.45	1.79	ppb
Zirconium	90-1	0.31	0.37	0.39	0.36	12.77	ppb
Zirconium	91-1	0.35	0.39	0.31	0.35	10.58	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-06	Instrumnet Name :	P8
Client Sample ID :	MC0AS5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:50:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	337.85	304.65	308.26	316.92	5.75	ppb
Antimony	121-1	0.21	0.24	0.30	0.25	17.47	ppb
Arsenic	75-2	0.58	0.54	0.48	0.53	9.98	ppb
Barium	135-1	8.33	8.63	8.98	8.65	3.77	ppb
Barium	137-1	8.57	9.05	8.20	8.61	4.93	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	18.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	11-1	5.92	6.13	6.05	6.03	1.78	ppb
Boron	10-1	7.03	6.22	5.61	6.29	11.34	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.61	0.72	-1.01	-0.30		ppb
Cadmium	108-1	0.21	0.13	-0.03	0.10	118.71	ppb
Cadmium	111-1	0.00	0.10	-0.01	0.03	203.71	ppb
Calcium	43-1	706.39	613.94	627.26	649.20	7.70	ppb
Calcium	44-1	657.37	641.73	615.85	638.32	3.28	ppb
Chromium	52-2	3.74	3.37	3.22	3.44	7.79	ppb
Cobalt	59-2	0.69	0.53	0.55	0.59	15.34	ppb
Copper	63-2	3.32	3.11	2.96	3.13	5.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	54-2	2351.83	2196.32	2179.82	2242.66	4.23	ppb
Iron	56-2	2384.30	2213.10	2179.65	2259.02	4.86	ppb
Iron	57-2	2320.72	2189.27	2141.74	2217.25	4.18	ppb
Krypton	83-1						cps
Lead	207-1	6.59	6.45	6.32	6.45	2.15	ppb
Lead	208-1	6.64	6.49	6.62	6.58	1.19	ppb
Lead	206-1	6.68	6.84	7.11	6.88	3.19	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-06	Instrumnet Name :	P8
Client Sample ID :	MC0AS5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:50:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				118		%
Magnesium	24-2	298.16	272.00	255.11	275.09	7.89	ppb
Manganese	55-2	43.35	41.29	40.93	41.85	3.13	ppb
Molybdenum	94-1	0.57	0.48	0.53	0.53	8.63	ppb
Molybdenum	95-1	0.10	0.08	0.09	0.09	12.86	ppb
Molybdenum	96-1	0.14	0.14	0.10	0.13	16.25	ppb
Molybdenum	97-1	0.11	0.12	0.04	0.09	53.12	ppb
Molybdenum	98-1	0.07	0.04	0.12	0.08	50.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.77	0.59	0.74	18.42	ppb
Phosphorus	31-2	217.72	55.38	45.20	106.10	91.23	ppb
Potassium	39-2	151.02	116.80	122.39	130.07	14.11	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	77-2	3.89	10.16	7.80	7.28	43.49	ppb
Selenium	78-2	-0.76	-1.35	-1.47	-1.19		ppb
Selenium	82-1	0.85	0.90	0.92	0.89	4.00	ppb
Silicon	28-1	125.17	111.14	97.37	111.23	12.50	ppb
Silver	109-1	0.12	0.16	0.15	0.14	16.37	ppb
Silver	107-1	0.11	0.12	0.13	0.12	9.40	ppb
Sodium	23-2	199.80	170.22	168.84	179.62	9.74	ppb
Strontium	86-1	2.32	1.94	1.81	2.02	13.19	ppb
Strontium	88-1	2.29	2.25	2.28	2.28	0.91	ppb
Sulfur	34-1	-12992.84	-13827.50	-15386.58	-14068.97		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.01	0.04	0.03	49.32	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	88.04	ppb
Tin	118-1	0.34	0.38	0.26	0.33	17.87	ppb
Titanium	47-1	23.07	23.66	21.53	22.76	4.83	ppb
Uranium	238-1	0.18	0.16	0.15	0.16	8.12	ppb
Vanadium	51-2	11.83	11.35	11.22	11.47	2.79	ppb
Yttrium	89-1				115		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-06	Instrumnet Name :	P8
Client Sample ID :	MC0AS5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:50:07	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	25.33	24.65	23.77	24.58	3.17	ppb
Zirconium	90-1	0.35	0.30	0.27	0.31	13.23	ppb
Zirconium	91-1	0.36	0.27	0.30	0.31	14.38	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-07	Instrumnet Name :	P8
Client Sample ID :	MC0AS6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:52:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15494.68	14928.78	14832.67	15085.38	2.37	ppb
Antimony	121-1	1.56	1.59	1.46	1.53	4.50	ppb
Arsenic	75-2	7.35	7.81	7.36	7.51	3.54	ppb
Barium	135-1	245.55	244.91	244.56	245.01	0.20	ppb
Barium	137-1	245.68	244.83	240.00	243.50	1.26	ppb
Beryllium	9-1	1.39	1.46	1.38	1.41	3.00	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	11-1	9.81	11.05	11.28	10.71	7.35	ppb
Boron	10-1	9.16	10.43	11.44	10.34	11.07	ppb
Bromine	81-1						cps
Cadmium	106-1	3.54	3.54	3.26	3.44	4.68	ppb
Cadmium	108-1	2.86	2.15	2.84	2.62	15.54	ppb
Cadmium	111-1	1.67	1.81	1.61	1.70	5.99	ppb
Calcium	43-1	9384.56	9405.08	9512.95	9434.20	0.73	ppb
Calcium	44-1	9487.67	9260.16	9293.23	9347.02	1.32	ppb
Chromium	52-2	53.94	53.09	52.26	53.10	1.58	ppb
Cobalt	59-2	16.08	15.62	15.36	15.68	2.33	ppb
Copper	63-2	107.83	105.11	103.26	105.40	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				110		%
Iron	54-2	33181.32	32201.17	32133.48	32505.32	1.80	ppb
Iron	56-2	33340.56	32508.65	32295.27	32714.83	1.69	ppb
Iron	57-2	32900.92	32211.36	31629.76	32247.35	1.97	ppb
Krypton	83-1						cps
Lead	207-1	118.94	118.21	118.37	118.50	0.32	ppb
Lead	208-1	123.42	122.79	122.37	122.86	0.43	ppb
Lead	206-1	126.90	126.52	126.51	126.64	0.17	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-07	Instrumnet Name :	P8
Client Sample ID :	MC0AS6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:52:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				123		%
Magnesium	24-2	6215.84	5965.74	5794.71	5992.09	3.53	ppb
Manganese	55-2	339.62	328.83	329.00	332.48	1.86	ppb
Molybdenum	94-1	3.48	3.50	3.41	3.46	1.46	ppb
Molybdenum	95-1	1.91	2.19	2.09	2.06	6.87	ppb
Molybdenum	96-1	2.47	2.14	2.34	2.32	7.23	ppb
Molybdenum	97-1	1.98	1.97	1.84	1.93	4.03	ppb
Molybdenum	98-1	2.29	2.01	2.19	2.16	6.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.56	31.76	31.28	31.53	0.77	ppb
Phosphorus	31-2	882.13	1253.28	869.07	1001.49	21.78	ppb
Potassium	39-2	2176.00	2096.51	2042.75	2105.09	3.18	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	25.08	17.04	22.76	21.62	19.14	ppb
Selenium	78-2	4.82	4.23	2.56	3.87	30.28	ppb
Selenium	82-1	3.15	1.26	2.36	2.26	41.88	ppb
Silicon	28-1	2853.48	2573.16	2675.43	2700.69	5.25	ppb
Silver	109-1	0.35	0.32	0.34	0.34	4.30	ppb
Silver	107-1	0.24	0.31	0.32	0.29	15.27	ppb
Sodium	23-2	1107.04	1047.69	1052.00	1068.91	3.10	ppb
Strontium	86-1	36.37	36.99	36.56	36.64	0.88	ppb
Strontium	88-1	38.63	38.07	38.28	38.32	0.75	ppb
Sulfur	34-1	2013.54	1120.31	1068.42	1400.76	37.93	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.24	0.19	0.23	15.63	ppb
Thallium	205-1	0.19	0.24	0.22	0.22	12.79	ppb
Tin	118-1	5.88	6.19	6.10	6.05	2.63	ppb
Titanium	47-1	837.04	823.74	824.34	828.37	0.91	ppb
Uranium	238-1	2.47	2.38	2.25	2.36	4.56	ppb
Vanadium	51-2	98.68	95.99	95.27	96.65	1.86	ppb
Yttrium	89-1				123		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-07	Instrumnet Name :	P8
Client Sample ID :	MC0AS6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:52:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				114		%
Zinc	66-2	459.62	455.84	441.78	452.42	2.08	ppb
Zirconium	90-1	1.32	1.26	1.26	1.28	2.55	ppb
Zirconium	91-1	1.14	1.31	1.43	1.29	11.32	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08	Instrumnet Name :	P8
Client Sample ID :	MC0AS7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:55:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	333.61	332.89	327.80	331.43	0.96	ppb
Antimony	121-1	0.21	0.25	0.26	0.24	10.32	ppb
Arsenic	75-2	0.21	0.34	0.19	0.25	31.86	ppb
Barium	135-1	7.35	8.64	7.58	7.86	8.79	ppb
Barium	137-1	7.77	8.29	8.05	8.04	3.23	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	13.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	11-1	4.73	5.49	4.61	4.94	9.64	ppb
Boron	10-1	5.72	5.39	5.19	5.44	4.93	ppb
Bromine	81-1						cps
Cadmium	106-1	0.42	-0.88	-2.09	-0.85		ppb
Cadmium	108-1	0.21	0.31	0.21	0.24	22.81	ppb
Cadmium	111-1	0.10	-0.02	-0.10	-0.01		ppb
Calcium	43-1	451.61	519.43	453.93	474.99	8.11	ppb
Calcium	44-1	434.28	465.73	440.48	446.83	3.73	ppb
Chromium	52-2	1.75	1.69	1.78	1.74	2.54	ppb
Cobalt	59-2	0.54	0.57	0.57	0.56	2.95	ppb
Copper	63-2	4.03	4.14	4.10	4.09	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	892.88	875.33	866.83	878.35	1.51	ppb
Iron	56-2	880.48	865.48	875.11	873.69	0.87	ppb
Iron	57-2	879.06	901.64	858.96	879.89	2.43	ppb
Krypton	83-1						cps
Lead	207-1	5.19	4.96	5.29	5.14	3.27	ppb
Lead	208-1	5.36	5.51	5.30	5.39	2.04	ppb
Lead	206-1	5.53	5.76	5.50	5.60	2.48	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08	Instrumnet Name :	P8
Client Sample ID :	MC0AS7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:55:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	111.97	106.38	108.21	108.85	2.62	ppb
Manganese	55-2	24.71	25.03	24.92	24.89	0.66	ppb
Molybdenum	94-1	0.25	0.22	0.29	0.26	14.03	ppb
Molybdenum	95-1	0.07	0.18	0.10	0.12	49.98	ppb
Molybdenum	96-1	0.15	0.16	0.09	0.13	27.03	ppb
Molybdenum	97-1	0.11	0.12	0.14	0.13	13.75	ppb
Molybdenum	98-1	0.07	0.11	0.08	0.09	24.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.90	0.72	0.79	13.10	ppb
Phosphorus	31-2	1.23	32.13	89.20	40.85	109.24	ppb
Potassium	39-2	96.76	78.15	83.74	86.22	11.08	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	1.38	3.53	1.36	2.09	59.68	ppb
Selenium	78-2	-1.28	-0.13	-2.08	-1.16		ppb
Selenium	82-1	-0.56	3.12	1.28	1.28	143.77	ppb
Silicon	28-1	104.73	139.10	112.25	118.69	15.22	ppb
Silver	109-1	0.08	0.13	0.09	0.10	26.78	ppb
Silver	107-1	0.09	0.11	0.16	0.12	27.88	ppb
Sodium	23-2	157.27	142.77	165.91	155.32	7.53	ppb
Strontium	86-1	1.89	2.61	1.94	2.15	18.60	ppb
Strontium	88-1	2.33	2.49	2.40	2.41	3.20	ppb
Sulfur	34-1	-14548.41	-10819.45	-13714.70	-13027.52		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.02	0.02	39.28	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	71.50	ppb
Tin	118-1	0.27	0.26	0.36	0.30	19.53	ppb
Titanium	47-1	22.61	27.46	24.30	24.79	9.93	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	13.35	ppb
Vanadium	51-2	1.78	1.81	1.71	1.77	2.80	ppb
Yttrium	89-1				110		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08	Instrumnet Name :	P8
Client Sample ID :	MC0AS7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:55:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	17.84	18.00	18.89	18.25	3.09	ppb
Zirconium	90-1	0.11	0.11	0.11	0.11	3.21	ppb
Zirconium	91-1	0.09	0.13	0.08	0.10	26.81	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-09	Instrumnet Name :	P8
Client Sample ID :	MC0AS7D	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:58:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	347.81	382.04	337.48	355.78	6.56	ppb
Antimony	121-1	0.21	0.26	0.27	0.25	12.61	ppb
Arsenic	75-2	0.26	0.37	0.28	0.30	20.32	ppb
Barium	135-1	8.07	9.00	8.66	8.58	5.45	ppb
Barium	137-1	8.07	8.26	8.26	8.20	1.33	ppb
Beryllium	9-1	0.03	0.02	0.07	0.04	63.15	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	11-1	4.07	4.10	4.45	4.21	5.01	ppb
Boron	10-1	4.39	4.60	3.28	4.09	17.34	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.47	2.97	0.33	0.61	367.83	ppb
Cadmium	108-1	0.29	0.05	0.21	0.18	65.92	ppb
Cadmium	111-1	-0.09	0.23	0.07	0.07	220.38	ppb
Calcium	43-1	474.49	491.60	450.85	472.31	4.33	ppb
Calcium	44-1	455.95	454.45	458.74	456.38	0.48	ppb
Chromium	52-2	1.87	2.03	1.81	1.90	6.08	ppb
Cobalt	59-2	0.56	0.57	0.54	0.56	2.18	ppb
Copper	63-2	3.84	4.46	3.87	4.06	8.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	920.74	1023.26	917.25	953.75	6.31	ppb
Iron	56-2	907.33	1002.45	904.48	938.09	5.94	ppb
Iron	57-2	913.38	998.96	916.90	943.08	5.14	ppb
Krypton	83-1						cps
Lead	207-1	4.95	5.20	5.01	5.05	2.54	ppb
Lead	208-1	5.07	5.29	5.10	5.15	2.26	ppb
Lead	206-1	5.22	5.47	5.46	5.38	2.64	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-09	Instrumnet Name :	P8
Client Sample ID :	MC0AS7D	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:58:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				120		%
Magnesium	24-2	109.52	116.50	114.37	113.46	3.15	ppb
Manganese	55-2	26.46	28.81	26.32	27.20	5.13	ppb
Molybdenum	94-1	0.25	0.14	0.24	0.21	29.39	ppb
Molybdenum	95-1	0.08	0.11	0.10	0.10	12.60	ppb
Molybdenum	96-1	0.17	0.10	0.08	0.12	42.44	ppb
Molybdenum	97-1	0.18	0.09	0.11	0.13	35.91	ppb
Molybdenum	98-1	0.09	0.05	0.08	0.07	25.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.94	0.68	0.84	16.49	ppb
Phosphorus	31-2	45.32	57.21	14.82	39.12	55.90	ppb
Potassium	39-2	74.01	168.52	96.82	113.12	43.60	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	-0.76	8.73	7.80	5.25	99.56	ppb
Selenium	78-2	-2.05	-0.41	-3.94	-2.13		ppb
Selenium	82-1	0.52	-0.02	1.86	0.79	122.78	ppb
Silicon	28-1	109.55	123.40	113.92	115.62	6.12	ppb
Silver	109-1	0.08	0.09	0.08	0.09	9.15	ppb
Silver	107-1	0.13	0.13	0.11	0.12	11.42	ppb
Sodium	23-2	159.33	200.57	163.61	174.50	12.99	ppb
Strontium	86-1	1.84	2.27	2.06	2.06	10.36	ppb
Strontium	88-1	2.48	2.54	2.58	2.53	2.12	ppb
Sulfur	34-1	-13153.11	-13342.51	-13602.56	-13366.06		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.02	0.01	39.32	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.32	ppb
Tin	118-1	0.27	0.27	0.31	0.29	8.05	ppb
Titanium	47-1	24.93	25.92	24.57	25.14	2.78	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	9.69	ppb
Vanadium	51-2	1.65	1.84	1.67	1.72	6.03	ppb
Yttrium	89-1				112		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-09	Instrumnet Name :	P8
Client Sample ID :	MC0AS7D	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:58:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	17.94	20.81	17.44	18.73	9.73	ppb
Zirconium	90-1	0.08	0.13	0.12	0.11	24.29	ppb
Zirconium	91-1	0.09	0.13	0.03	0.08	58.25	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AS7L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-02 14:01:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.21	62.38	62.87	65.15	6.73	ppb
Antimony	121-1	0.04	0.03	0.06	0.05	27.60	ppb
Arsenic	75-2	0.08	0.13	0.08	0.10	31.34	ppb
Barium	135-1	1.57	1.26	1.67	1.50	14.22	ppb
Barium	137-1	1.60	1.52	1.67	1.60	4.55	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	45.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	11-1	3.11	3.16	3.34	3.20	3.79	ppb
Boron	10-1	3.31	3.75	3.01	3.36	10.98	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.10	-2.13	-1.68	-2.30		ppb
Cadmium	108-1	0.29	0.05	-0.03	0.10	162.02	ppb
Cadmium	111-1	-0.23	-0.13	-0.11	-0.16		ppb
Calcium	43-1	95.53	92.33	96.35	94.74	2.24	ppb
Calcium	44-1	67.48	63.87	67.27	66.21	3.06	ppb
Chromium	52-2	0.63	0.37	0.38	0.46	32.19	ppb
Cobalt	59-2	0.07	0.11	0.10	0.09	18.89	ppb
Copper	63-2	1.02	1.12	0.97	1.04	7.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	173.69	172.89	167.01	171.20	2.13	ppb
Iron	56-2	176.22	179.00	172.29	175.84	1.92	ppb
Iron	57-2	193.42	180.99	177.18	183.86	4.62	ppb
Krypton	83-1						cps
Lead	207-1	1.08	1.12	1.08	1.09	2.16	ppb
Lead	208-1	1.14	1.19	1.14	1.16	2.46	ppb
Lead	206-1	1.19	1.28	1.22	1.23	3.77	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AS7L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-02 14:01:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				114		%
Magnesium	24-2	24.31	22.71	22.03	23.02	5.08	ppb
Manganese	55-2	4.93	5.24	5.17	5.11	3.17	ppb
Molybdenum	94-1	0.02	0.03	0.04	0.03	27.36	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	25.79	ppb
Molybdenum	96-1	0.01	0.02	0.05	0.03	65.04	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	37.86	ppb
Molybdenum	98-1	0.01	0.02	0.05	0.02	90.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.11	0.16	0.12	33.75	ppb
Phosphorus	31-2	10.67	-3.73	-13.05	-2.04		ppb
Potassium	39-2	-1.65	-3.02	1.95	-0.91		ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	-0.76	-0.76	1.42	-0.04		ppb
Selenium	78-2	-0.34	-1.20	-2.71	-1.42		ppb
Selenium	82-1	0.56	-0.27	2.64	0.98	153.18	ppb
Silicon	28-1	-0.77	-0.78	5.02	1.16	289.66	ppb
Silver	109-1	0.05	0.03	0.03	0.04	33.55	ppb
Silver	107-1	0.06	0.05	0.06	0.05	7.49	ppb
Sodium	23-2	69.43	70.34	59.98	66.58	8.61	ppb
Strontium	86-1	0.30	0.59	0.25	0.38	48.30	ppb
Strontium	88-1	0.49	0.44	0.49	0.48	5.96	ppb
Sulfur	34-1	-13338.30	-12755.61	-11126.66	-12406.85		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00	66.23	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	1706.84	ppb
Tin	118-1	0.07	0.06	0.09	0.07	20.46	ppb
Titanium	47-1	4.77	5.51	4.98	5.09	7.47	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	29.95	ppb
Vanadium	51-2	0.36	0.32	0.31	0.33	8.55	ppb
Yttrium	89-1				110		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AS7L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-02 14:01:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	4.24	5.02	3.93	4.39	12.79	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	80.37	ppb
Zirconium	91-1	0.02	0.05	0.02	0.03	43.19	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:04:12	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	696.68	666.40	682.58	681.89	2.22	ppb
Antimony	121-1	16.64	15.66	16.01	16.10	3.06	ppb
Arsenic	75-2	7.58	7.59	7.68	7.62	0.73	ppb
Barium	135-1	381.81	363.29	381.19	375.43	2.80	ppb
Barium	137-1	382.60	363.11	373.45	373.05	2.61	ppb
Beryllium	9-1	8.25	8.01	8.57	8.28	3.36	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	11-1	2.96	2.82	2.71	2.83	4.36	ppb
Boron	10-1	3.18	2.51	2.86	2.85	11.77	ppb
Bromine	81-1						cps
Cadmium	106-1	7.17	3.18	4.21	4.85	42.63	ppb
Cadmium	108-1	9.25	9.14	9.13	9.17	0.71	ppb
Cadmium	111-1	9.07	8.39	9.40	8.96	5.74	ppb
Calcium	43-1	490.50	475.29	479.98	481.92	1.62	ppb
Calcium	44-1	443.52	423.41	449.26	438.73	3.09	ppb
Chromium	52-2	37.84	39.41	38.84	38.70	2.06	ppb
Cobalt	59-2	95.32	94.22	95.76	95.10	0.83	ppb
Copper	63-2	53.04	53.20	53.33	53.19	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	54-2	1058.05	1122.21	1111.56	1097.27	3.13	ppb
Iron	56-2	1074.33	1094.49	1072.89	1080.57	1.12	ppb
Iron	57-2	1089.85	1074.29	1052.04	1072.06	1.77	ppb
Krypton	83-1						cps
Lead	207-1	8.58	8.29	8.65	8.51	2.24	ppb
Lead	208-1	8.72	8.53	8.72	8.66	1.30	ppb
Lead	206-1	8.81	8.89	8.68	8.79	1.22	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:04:12	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				121		%
Magnesium	24-2	105.86	101.77	98.18	101.94	3.77	ppb
Manganese	55-2	114.13	112.81	114.44	113.80	0.76	ppb
Molybdenum	94-1	0.22	0.20	0.20	0.21	5.16	ppb
Molybdenum	95-1	0.09	0.14	0.08	0.10	30.19	ppb
Molybdenum	96-1	0.14	0.13	0.16	0.14	9.60	ppb
Molybdenum	97-1	0.05	0.08	0.13	0.09	46.62	ppb
Molybdenum	98-1	0.10	0.07	0.09	0.09	16.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.89	96.14	96.91	96.31	0.55	ppb
Phosphorus	31-2	82.37	62.61	55.05	66.68	21.16	ppb
Potassium	39-2	67.59	62.77	61.69	64.02	4.90	ppb
Rhodium	103-1				113		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	77-2	14.16	25.05	25.16	21.46	29.44	ppb
Selenium	78-2	18.97	20.53	21.23	20.25	5.72	ppb
Selenium	82-1	19.40	15.62	17.90	17.64	10.77	ppb
Silicon	28-1	96.43	85.70	110.97	97.70	12.98	ppb
Silver	109-1	8.03	7.72	8.20	7.98	3.05	ppb
Silver	107-1	8.05	7.69	8.09	7.94	2.77	ppb
Sodium	23-2	128.49	137.27	142.88	136.22	5.33	ppb
Strontium	86-1	2.32	2.15	2.31	2.26	4.29	ppb
Strontium	88-1	2.48	2.37	2.46	2.44	2.42	ppb
Sulfur	34-1	-14119.29	-15435.69	-13210.68	-14255.22		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	9.11	8.72	8.94	8.92	2.15	ppb
Thallium	205-1	9.24	8.97	9.43	9.21	2.50	ppb
Tin	118-1	0.28	0.17	0.25	0.23	25.19	ppb
Titanium	47-1	24.11	24.07	24.38	24.19	0.69	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	10.33	ppb
Vanadium	51-2	94.08	94.09	94.57	94.25	0.30	ppb
Yttrium	89-1				115		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:04:12	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	98.49	98.20	98.72	98.47	0.26	ppb
Zirconium	90-1	0.08	0.10	0.08	0.09	9.72	ppb
Zirconium	91-1	0.09	0.07	0.12	0.10	28.88	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	2
Date & Time Acquired ::	2020-04-02 14:09:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21258.47	21036.18	23266.13	21853.59	5.62	ppb
Antimony	121-1	0.43	0.42	0.48	0.44	6.61	ppb
Arsenic	75-2	7.12	7.23	8.10	7.48	7.18	ppb
Barium	135-1	294.31	303.54	294.58	297.48	1.77	ppb
Barium	137-1	299.54	299.89	297.39	298.94	0.45	ppb
Beryllium	9-1	2.14	2.36	2.10	2.20	6.20	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	11-1	4.17	4.90	5.27	4.78	11.67	ppb
Boron	10-1	4.15	4.93	6.08	5.05	19.23	ppb
Bromine	81-1						cps
Cadmium	106-1	0.83	1.79	1.33	1.32	36.24	ppb
Cadmium	108-1	1.29	0.67	0.66	0.87	41.30	ppb
Cadmium	111-1	0.64	0.76	0.72	0.71	8.60	ppb
Calcium	43-1	4649.19	4546.52	4662.77	4619.49	1.38	ppb
Calcium	44-1	4625.76	4622.24	4586.91	4611.64	0.47	ppb
Chromium	52-2	73.45	73.30	77.90	74.88	3.49	ppb
Cobalt	59-2	23.77	23.69	25.81	24.43	4.91	ppb
Copper	63-2	60.39	62.40	67.03	63.27	5.38	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				114		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				104		%
Iron	54-2	41573.10	40987.17	44417.52	42325.93	4.34	ppb
Iron	56-2	40073.84	39663.50	43549.51	41095.62	5.20	ppb
Iron	57-2	39441.89	39115.14	43413.73	40656.92	5.89	ppb
Krypton	83-1						cps
Lead	207-1	97.18	96.92	99.17	97.75	1.26	ppb
Lead	208-1	101.24	101.08	102.61	101.64	0.83	ppb
Lead	206-1	104.55	105.15	106.56	105.42	0.98	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	2
Date & Time Acquired ::	2020-04-02 14:09:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				124		%
Magnesium	24-2	6915.18	6914.83	7700.62	7176.88	6.32	ppb
Manganese	55-2	291.65	285.64	315.88	297.72	5.38	ppb
Molybdenum	94-1	3.06	3.02	3.06	3.05	0.83	ppb
Molybdenum	95-1	1.48	1.62	1.58	1.56	4.74	ppb
Molybdenum	96-1	1.78	1.67	1.76	1.74	3.41	ppb
Molybdenum	97-1	1.63	1.36	1.53	1.51	8.94	ppb
Molybdenum	98-1	1.57	1.53	1.66	1.59	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.65	33.22	36.66	34.51	5.43	ppb
Phosphorus	31-2	985.78	1039.71	1236.31	1087.27	12.13	ppb
Potassium	39-2	3208.79	3207.19	3548.50	3321.49	5.92	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	77-2	41.53	47.21	40.97	43.23	7.99	ppb
Selenium	78-2	5.10	4.23	7.65	5.66	31.41	ppb
Selenium	82-1	1.45	-0.20	3.24	1.49	115.23	ppb
Silicon	28-1	1708.08	1726.65	1714.42	1716.38	0.55	ppb
Silver	109-1	0.24	0.23	0.24	0.24	2.73	ppb
Silver	107-1	0.23	0.21	0.23	0.23	4.89	ppb
Sodium	23-2	729.08	720.67	814.83	754.86	6.90	ppb
Strontium	86-1	22.08	22.25	23.40	22.57	3.19	ppb
Strontium	88-1	23.34	23.25	24.15	23.58	2.09	ppb
Sulfur	34-1	-5296.44	-5793.98	-6720.69	-5937.04		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.25	0.33	0.30	15.00	ppb
Thallium	205-1	0.28	0.33	0.31	0.31	8.42	ppb
Tin	118-1	3.98	4.01	3.98	3.99	0.48	ppb
Titanium	47-1	1226.79	1213.45	1206.21	1215.48	0.86	ppb
Uranium	238-1	2.51	2.53	2.47	2.51	1.12	ppb
Vanadium	51-2	120.46	119.48	130.29	123.41	4.85	ppb
Yttrium	89-1				126		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	2
Date & Time Acquired ::	2020-04-02 14:09:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				115		%
Zinc	66-2	256.95	258.42	285.56	266.98	6.04	ppb
Zirconium	90-1	1.33	1.28	1.47	1.36	7.22	ppb
Zirconium	91-1	1.33	1.21	1.37	1.30	6.45	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10RE	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:12:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	705.44	788.60	735.54	743.19	5.66	ppb
Antimony	121-1	18.52	18.49	18.71	18.57	0.65	ppb
Arsenic	75-2	7.22	8.82	7.95	8.00	10.02	ppb
Barium	135-1	392.29	404.52	405.59	400.80	1.84	ppb
Barium	137-1	391.23	399.57	404.98	398.59	1.74	ppb
Beryllium	9-1	8.75	8.49	8.40	8.55	2.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	11-1	2.66	2.66	2.82	2.71	3.34	ppb
Boron	10-1	2.64	3.22	2.92	2.93	9.93	ppb
Bromine	81-1						cps
Cadmium	106-1	7.43	10.64	7.75	8.60	20.53	ppb
Cadmium	108-1	8.87	8.64	9.92	9.14	7.44	ppb
Cadmium	111-1	9.92	10.06	9.76	9.92	1.51	ppb
Calcium	43-1	450.59	534.67	509.14	498.14	8.65	ppb
Calcium	44-1	459.51	469.14	460.29	462.98	1.16	ppb
Chromium	52-2	40.38	42.18	40.25	40.94	2.63	ppb
Cobalt	59-2	99.83	104.84	99.40	101.36	2.98	ppb
Copper	63-2	54.38	57.37	54.63	55.46	2.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	1392.03	1436.32	1367.87	1398.74	2.48	ppb
Iron	56-2	1332.23	1393.89	1302.62	1342.91	3.47	ppb
Iron	57-2	1329.84	1331.96	1309.42	1323.74	0.94	ppb
Krypton	83-1						cps
Lead	207-1	10.40	10.26	9.83	10.17	2.91	ppb
Lead	208-1	10.24	10.23	10.23	10.23	0.07	ppb
Lead	206-1	10.29	10.67	10.31	10.43	2.02	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10RE	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:12:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				123		%
Magnesium	24-2	122.77	132.71	121.50	125.66	4.88	ppb
Manganese	55-2	124.91	127.84	122.50	125.09	2.14	ppb
Molybdenum	94-1	0.29	0.21	0.25	0.25	14.69	ppb
Molybdenum	95-1	0.13	0.09	0.10	0.11	19.18	ppb
Molybdenum	96-1	0.15	0.15	0.14	0.15	3.32	ppb
Molybdenum	97-1	0.14	0.05	0.08	0.09	46.15	ppb
Molybdenum	98-1	0.12	0.15	0.07	0.12	35.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.49	106.84	100.26	102.87	3.40	ppb
Phosphorus	31-2	125.94	52.77	87.85	88.85	41.19	ppb
Potassium	39-2	73.92	87.91	76.51	79.45	9.37	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	20.75	19.94	5.83	15.51	54.09	ppb
Selenium	78-2	17.87	19.00	15.10	17.32	11.59	ppb
Selenium	82-1	19.50	18.38	20.12	19.33	4.56	ppb
Silicon	28-1	157.24	150.94	149.58	152.59	2.68	ppb
Silver	109-1	8.96	9.15	9.24	9.12	1.54	ppb
Silver	107-1	8.98	8.98	9.60	9.19	3.91	ppb
Sodium	23-2	133.25	153.04	134.84	140.38	7.83	ppb
Strontium	86-1	2.20	1.65	1.87	1.91	14.62	ppb
Strontium	88-1	2.27	2.33	2.29	2.30	1.31	ppb
Sulfur	34-1	-14523.06	-13530.18	-13670.71	-13907.98		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	9.63	9.38	9.43	9.48	1.42	ppb
Thallium	205-1	9.68	9.69	9.87	9.75	1.07	ppb
Tin	118-1	0.36	0.26	0.26	0.29	19.66	ppb
Titanium	47-1	27.02	28.82	28.25	28.03	3.28	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	5.12	ppb
Vanadium	51-2	97.39	103.08	97.78	99.42	3.19	ppb
Yttrium	89-1				112		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10RE	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:12:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	111.66	117.83	110.79	113.43	3.38	ppb
Zirconium	90-1	0.08	0.11	0.16	0.12	35.75	ppb
Zirconium	91-1	0.11	0.18	0.22	0.17	32.11	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:16:33	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51711.86	52321.32	51467.35	51833.51	0.85	ppb
Antimony	121-1	510.83	487.36	503.88	500.69	2.41	ppb
Arsenic	75-2	498.37	500.14	501.60	500.04	0.32	ppb
Barium	135-1	2579.33	2538.99	2570.40	2562.90	0.83	ppb
Barium	137-1	2549.44	2555.96	2555.92	2553.77	0.15	ppb
Beryllium	9-1	482.26	488.48	492.46	487.74	1.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	376.28	457.45	503.19	445.64	14.42	ppb
Boron	10-1	375.16	456.90	500.46	444.17	14.32	ppb
Bromine	81-1						cps
Cadmium	106-1	485.16	487.01	479.27	483.81	0.84	ppb
Cadmium	108-1	502.53	501.97	502.60	502.36	0.07	ppb
Cadmium	111-1	490.33	488.00	486.55	488.29	0.39	ppb
Calcium	43-1	253169.71	250556.22	250538.30	251421.41	0.60	ppb
Calcium	44-1	246215.25	245570.87	244489.38	245425.17	0.36	ppb
Chromium	52-2	512.82	512.53	511.33	512.22	0.15	ppb
Cobalt	59-2	499.51	503.69	496.55	499.92	0.72	ppb
Copper	63-2	5038.56	5019.35	4970.42	5009.44	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	54-2	126698.13	126183.68	128350.36	127077.39	0.89	ppb
Iron	56-2	125370.15	126523.99	124823.35	125572.50	0.69	ppb
Iron	57-2	127034.65	128276.30	126759.99	127356.98	0.63	ppb
Krypton	83-1						cps
Lead	207-1	2612.95	2600.41	2661.46	2624.94	1.23	ppb
Lead	208-1	2611.28	2606.20	2613.10	2610.19	0.14	ppb
Lead	206-1	2623.09	2666.46	2579.08	2622.88	1.67	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:16:33	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	255644.95	251950.55	253659.11	253751.54	0.73	ppb
Manganese	55-2	5041.89	5010.83	4962.94	5005.22	0.79	ppb
Molybdenum	94-1	2537.13	2518.69	2551.19	2535.67	0.64	ppb
Molybdenum	95-1	2551.08	2512.01	2570.93	2544.67	1.18	ppb
Molybdenum	96-1	2552.81	2499.11	2525.95	2525.96	1.06	ppb
Molybdenum	97-1	2562.58	2482.04	2544.13	2529.58	1.67	ppb
Molybdenum	98-1	2480.22	2543.47	2508.24	2510.64	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.11	505.73	504.39	503.74	0.47	ppb
Phosphorus	31-2	10357.50	9679.98	9820.31	9952.59	3.59	ppb
Potassium	39-2	125849.79	126733.75	125660.86	126081.47	0.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	510.03	573.50	535.23	539.59	5.92	ppb
Selenium	78-2	521.00	491.84	486.19	499.68	3.74	ppb
Selenium	82-1	497.31	488.09	497.22	494.21	1.07	ppb
Silicon	28-1	417.93	466.50	495.69	460.04	8.54	ppb
Silver	109-1	513.34	500.88	489.08	501.10	2.42	ppb
Silver	107-1	503.36	489.80	494.37	495.85	1.39	ppb
Sodium	23-2	252887.98	253634.36	253391.50	253304.61	0.15	ppb
Strontium	86-1	496.47	500.49	498.35	498.44	0.40	ppb
Strontium	88-1	507.41	504.21	506.56	506.06	0.33	ppb
Sulfur	34-1	8404.73	7438.40	7851.84	7898.32	6.14	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	506.88	516.20	500.81	507.96	1.53	ppb
Thallium	205-1	521.38	526.66	514.99	521.01	1.12	ppb
Tin	118-1	511.26	502.10	503.03	505.47	1.00	ppb
Titanium	47-1	2558.34	2562.64	2545.19	2555.39	0.36	ppb
Uranium	238-1	526.38	531.49	530.44	529.44	0.51	ppb
Vanadium	51-2	499.86	502.06	503.80	501.91	0.39	ppb
Yttrium	89-1				114		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:16:33	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4918.07	4936.04	4928.79	4927.64	0.18	ppb
Zirconium	90-1	509.11	516.44	510.16	511.90	0.77	ppb
Zirconium	91-1	504.97	500.71	504.65	503.44	0.47	ppb

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : CCB022 Instrumnet Name : P8
 Client Sample ID : CCB022 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 14:21:18 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	0.62	-1.17	0.26	488.21	ppb
Antimony	121-1	0.04	0.02	0.04	0.03	45.65	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	233.50	ppb
Barium	135-1	0.03	0.04	0.04	0.04	23.32	ppb
Barium	137-1	0.01	0.02	0.03	0.02	62.61	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	28.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	25.22	23.79	23.36	24.13	4.04	ppb
Boron	10-1	25.18	24.74	24.60	24.84	1.22	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.38	0.15	-1.09	-1.10		ppb
Cadmium	108-1	-0.03	0.22	0.05	0.08	158.70	ppb
Cadmium	111-1	-0.18	0.00	-0.07	-0.08		ppb
Calcium	43-1	-6.13	2.76	-13.01	-5.46		ppb
Calcium	44-1	-28.32	-24.27	-26.60	-26.40		ppb
Chromium	52-2	0.19	0.03	0.11	0.11	74.22	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.55	0.52	0.58	0.55	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	-2.71	-1.11	2.08	-0.58		ppb
Iron	56-2	1.37	0.91	1.68	1.32	29.26	ppb
Iron	57-2	-1.06	-0.70	-1.04	-0.93		ppb
Krypton	83-1						cps
Lead	207-1	0.18	0.20	0.18	0.19	6.07	ppb
Lead	208-1	0.20	0.21	0.22	0.21	4.57	ppb
Lead	206-1	0.25	0.22	0.23	0.23	7.86	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:21:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	5.34	4.52	5.46	5.11	9.98	ppb
Manganese	55-2	-0.04	0.06	0.03	0.01	384.07	ppb
Molybdenum	94-1	0.00	0.06	0.06	0.04	92.93	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	20.68	ppb
Molybdenum	96-1	0.06	0.03	0.03	0.04	37.33	ppb
Molybdenum	97-1	0.06	0.02	0.09	0.06	59.78	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	57.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.07	-0.04		ppb
Phosphorus	31-2	-10.28	-24.41	-14.06	-16.25		ppb
Potassium	39-2	-19.68	-14.22	4.80	-9.70		ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-0.76	3.80	-0.76	0.76	347.08	ppb
Selenium	78-2	-1.32	-0.89	-2.78	-1.66		ppb
Selenium	82-1	1.05	-1.76	-0.87	-0.53		ppb
Silicon	28-1	-32.74	-26.15	-34.40	-31.09		ppb
Silver	109-1	0.04	0.03	0.01	0.03	42.76	ppb
Silver	107-1	0.01	0.03	0.03	0.03	43.58	ppb
Sodium	23-2	43.53	49.66	57.11	50.10	13.58	ppb
Strontium	86-1	-0.18	-0.11	-0.26	-0.18		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	31.82	ppb
Sulfur	34-1	-4079.99	-3938.02	-4682.51	-4233.51		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.12	0.07	0.09	31.32	ppb
Thallium	205-1	0.08	0.06	0.08	0.07	11.81	ppb
Tin	118-1	0.01	0.01	0.00	0.01	64.83	ppb
Titanium	47-1	0.34	0.21	0.28	0.27	23.05	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	34.76	ppb
Vanadium	51-2	0.01	0.02	0.03	0.02	29.63	ppb
Yttrium	89-1				107		%

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:21:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.64	0.54	0.44	0.54	18.85	ppb
Zirconium	90-1	-0.02	0.01	0.02	0.00	416.01	ppb
Zirconium	91-1	-0.03	0.02	0.02	0.00	996.46	ppb

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:37:49	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387	277	277	313	20.27	cps
Antimony	121-1	0	8	17	8	100.02	cps
Arsenic	75-2	2	2	4	3	43.30	cps
Barium	135-1	0	17	8	8	100.02	cps
Barium	137-1	8	42	17	22	78.07	cps
Beryllium	9-1	22	30	22	25	18.70	cps
Bismuth	209-1	1436855	1318933	1410217	1388668	4.45	cps
Bismuth	209-2	928607	934177	941582	934789	0.70	cps
Boron	11-1	260	240	260	253	4.56	cps
Boron	10-1	54	56	52	54	3.70	cps
Bromine	81-1	1792	1902	1522	1739	11.26	cps
Cadmium	106-1	1000	1125	833	986	14.84	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Cadmium	111-1	704	797	588	696	15.08	cps
Calcium	43-1	425	525	392	447	15.52	cps
Calcium	44-1	25156	25707	25640	25501	1.18	cps
Chromium	52-2	890	833	890	871	3.76	cps
Cobalt	59-2	80	37	47	54	41.67	cps
Copper	63-2	247	253	243	248	2.06	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	42	0	33	25	88.19	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	2324505	2157931	2329417	2270618	4.30	cps
Holmium	165-2	1302516	1291588	1310950	1301685	0.75	cps
Indium	115-1	2242018	2067917	2152143	2154026	4.04	cps
Indium	115-2	387075	382269	388762	386035	0.87	cps
Iron	54-2	417	522	533	491	13.12	cps
Iron	56-2	3295	3145	3123	3187	2.94	cps
Iron	57-2	139	150	83	124	28.78	cps
Krypton	83-1	720	720	730	723	0.80	cps
Lead	207-1	144	111	94	117	21.82	cps
Lead	208-1	672	528	522	574	14.81	cps
Lead	206-1	172	100	128	133	27.32	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:37:49	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	797074	737898	789869	774947	4.17	cps
Magnesium	24-2	125	133	125	128	3.77	cps
Manganese	55-2	100	103	93	99	5.15	cps
Molybdenum	94-1	108	17	50	58	79.54	cps
Molybdenum	95-1	8	17	42	22	78.07	cps
Molybdenum	96-1	67	67	58	64	7.53	cps
Molybdenum	97-1	8	8	25	14	69.31	cps
Molybdenum	98-1	42	25	33	33	25.01	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	117	100	118	15.59	cps
Phosphorus	31-2	200	242	167	203	18.53	cps
Potassium	39-2	17578	17661	18153	17797	1.75	cps
Rhodium	103-1	2245928	2080766	2154587	2160427	3.83	cps
Rhodium	103-2	1180485	1168962	1187286	1178911	0.79	cps
Scandium	45-1	1665670	1566502	1617431	1616534	3.07	cps
Scandium	45-2	53262	52937	54041	53413	1.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	39	31	37	13.45	cps
Selenium	82-1	-69	-36	-39	-48	-38.60	cps
Silicon	28-1	706850	714597	714715	712054	0.63	cps
Silver	109-1	33	25	17	25	33.32	cps
Silver	107-1	25	25	25	25	0.00	cps
Sodium	23-2	23503	22935	23503	23313	1.41	cps
Strontium	86-1	1233	1133	1025	1131	9.22	cps
Strontium	88-1	100	75	133	103	28.48	cps
Sulfur	34-1	527633	524852	527772	526752	0.31	cps
Terbium	159-1	2508291	2362265	2443303	2437953	3.00	cps
Terbium	159-2	1306182	1275585	1313649	1298472	1.55	cps
Thallium	203-1	42	17	8	22	78.07	cps
Thallium	205-1	58	108	50	72	43.68	cps
Tin	118-1	217	183	167	189	13.48	cps
Titanium	47-1	425	450	417	431	4.03	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Yttrium	89-1	4334428	3917672	4215484	4155861	5.17	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:37:49	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	524090	515345	525371	521602	1.05	cps
Zinc	66-2	79	49	56	61	25.10	cps
Zirconium	90-1	242	125	175	181	32.42	cps
Zirconium	91-1	33	42	33	36	13.33	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:40:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	777	720	713	737	4.72	cps
Antimony	121-1	5760	6502	6335	6199	6.28	cps
Arsenic	75-2	144	131	113	129	12.04	cps
Barium	135-1	6052	6393	5993	6146	3.52	cps
Barium	137-1	10262	10805	10062	10377	3.70	cps
Beryllium	9-1	866	854	762	827	6.88	cps
Bismuth	209-1	1444765	1432178	1416817	1431253	0.98	cps
Bismuth	209-2	969525	975272	959310	968036	0.84	cps
Boron	11-1	5836	6766	7292	6632	11.12	cps
Boron	10-1	1222	1444	1526	1397	11.26	cps
Bromine	81-1	1802	1662	1842	1769	5.35	cps
Cadmium	106-1	1317	1192	1158	1222	6.83	cps
Cadmium	108-1	58	63	79	67	16.54	cps
Cadmium	111-1	1560	1486	1418	1488	4.78	cps
Calcium	43-1	4859	4626	4601	4695	3.04	cps
Calcium	44-1	97799	98838	96012	97550	1.47	cps
Chromium	52-2	2804	2697	2670	2724	2.59	cps
Cobalt	59-2	1680	1593	1597	1623	3.02	cps
Copper	63-2	2894	2907	2770	2857	2.64	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	25	0	50	25	100.00	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	2355931	2429682	2360595	2382069	1.73	cps
Holmium	165-2	1352033	1363134	1338205	1351124	0.92	cps
Indium	115-1	2288265	2291811	2171238	2250438	3.05	cps
Indium	115-2	403218	405796	399368	402794	0.80	cps
Iron	54-2	2523	2634	2522	2560	2.51	cps
Iron	56-2	40251	41711	39884	40615	2.38	cps
Iron	57-2	928	1122	1028	1026	9.48	cps
Krypton	83-1	773	683	710	722	6.40	cps
Lead	207-1	1472	1628	1417	1506	7.27	cps
Lead	208-1	7184	7401	6906	7164	3.46	cps
Lead	206-1	1945	1783	1789	1839	4.97	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:40:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	805097	801831	790455	799128	0.96	cps
Magnesium	24-2	28211	27001	27360	27524	2.26	cps
Manganese	55-2	500	490	490	493	1.17	cps
Molybdenum	94-1	6051	5943	5876	5957	1.48	cps
Molybdenum	95-1	7511	7686	7611	7602	1.16	cps
Molybdenum	96-1	8803	8103	8653	8520	4.33	cps
Molybdenum	97-1	4534	5018	4267	4606	8.26	cps
Molybdenum	98-1	12648	12172	11997	12272	2.74	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	680	603	613	632	6.59	cps
Phosphorus	31-2	258	325	267	283	12.82	cps
Potassium	39-2	38736	38502	37817	38351	1.25	cps
Rhodium	103-1	2286443	2288903	2283192	2286179	0.13	cps
Rhodium	103-2	1214984	1217273	1198894	1210384	0.83	cps
Scandium	45-1	1678215	1670864	1648168	1665749	0.94	cps
Scandium	45-2	55493	54289	54978	54920	1.10	cps
Selenium	77-2	13	20	13	16	24.76	cps
Selenium	78-2	62	51	61	58	10.49	cps
Selenium	82-1	137	190	237	188	26.76	cps
Silicon	28-1	725048	728529	734511	729363	0.66	cps
Silver	109-1	3309	2942	2775	3009	9.07	cps
Silver	107-1	2984	3301	3242	3175	5.31	cps
Sodium	23-2	77799	77782	75873	77151	1.44	cps
Strontium	86-1	2167	2234	1859	2086	9.59	cps
Strontium	88-1	8169	7869	7944	7994	1.95	cps
Sulfur	34-1	522071	528000	522325	524132	0.64	cps
Terbium	159-1	2554499	2558632	2486293	2533141	1.60	cps
Terbium	159-2	1360657	1358310	1343655	1354207	0.68	cps
Thallium	203-1	1942	2034	1992	1989	2.31	cps
Thallium	205-1	4818	4718	4701	4745	1.33	cps
Tin	118-1	11155	11889	10463	11169	6.39	cps
Titanium	47-1	2534	2859	2975	2789	8.21	cps
Uranium	238-1	5735	5868	5910	5838	1.57	cps
Vanadium	51-2	3597	4014	3681	3764	5.86	cps
Yttrium	89-1	4430316	4416499	4342919	4396578	1.07	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:40:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	541221	539337	530460	537006	1.07	cps
Zinc	66-2	451	439	383	425	8.65	cps
Zirconium	90-1	4926	4459	4793	4726	5.09	cps
Zirconium	91-1	1000	1075	1050	1042	3.67	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 12:44:02 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19793	20251	19830	19958	1.27	cps
Antimony	121-1	162972	160366	165562	162967	1.59	cps
Arsenic	75-2	6102	6236	6327	6222	1.82	cps
Barium	135-1	154003	150642	157240	153961	2.14	cps
Barium	137-1	270387	265304	271910	269200	1.29	cps
Beryllium	9-1	39455	38941	39108	39168	0.67	cps
Bismuth	209-1	1489104	1485012	1480474	1484863	0.29	cps
Bismuth	209-2	1006743	1031975	994100	1010939	1.91	cps
Boron	11-1	13570	15117	16326	15004	9.21	cps
Boron	10-1	2756	3160	3452	3122	11.19	cps
Bromine	81-1	1622	1632	1832	1695	7.00	cps
Cadmium	106-1	4876	4876	4834	4862	0.49	cps
Cadmium	108-1	2688	2800	2688	2725	2.38	cps
Cadmium	111-1	38352	37976	38368	38232	0.58	cps
Calcium	43-1	47044	46702	47362	47036	0.70	cps
Calcium	44-1	780893	780193	783387	781491	0.21	cps
Chromium	52-2	48927	48639	47957	48507	1.03	cps
Cobalt	59-2	87671	85414	85575	86220	1.46	cps
Copper	63-2	676074	673705	667024	672268	0.70	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	25	58	17	33	66.14	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	2450046	2440662	2466588	2452432	0.54	cps
Holmium	165-2	1405400	1443645	1399939	1416328	1.68	cps
Indium	115-1	2338659	2367540	2352911	2353036	0.61	cps
Indium	115-2	420361	426190	414099	420217	1.44	cps
Iron	54-2	104670	102336	103175	103393	1.14	cps
Iron	56-2	1884939	1913393	1878596	1892309	0.98	cps
Iron	57-2	46743	47173	46715	46877	0.55	cps
Krypton	83-1	660	657	783	700	10.31	cps
Lead	207-1	375369	376134	378736	376746	0.47	cps
Lead	208-1	1685962	1686811	1713541	1695438	0.93	cps
Lead	206-1	416044	415619	425771	419145	1.37	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:44:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	837274	830679	832786	833580	0.40	cps
Magnesium	24-2	295095	296335	296988	296139	0.32	cps
Manganese	55-2	218206	218933	218483	218541	0.17	cps
Molybdenum	94-1	308236	304302	305342	305960	0.67	cps
Molybdenum	95-1	373214	370904	379857	374658	1.24	cps
Molybdenum	96-1	413606	410002	416852	413487	0.83	cps
Molybdenum	97-1	236762	231793	234954	234503	1.07	cps
Molybdenum	98-1	606470	599115	599401	601662	0.69	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24695	24084	23880	24220	1.75	cps
Phosphorus	31-2	1450	1575	1675	1567	7.20	cps
Potassium	39-2	126753	127024	127375	127051	0.25	cps
Rhodium	103-1	2408799	2349906	2368418	2375708	1.27	cps
Rhodium	103-2	1259052	1289946	1242185	1263728	1.92	cps
Scandium	45-1	1713223	1771585	1729389	1738065	1.73	cps
Scandium	45-2	56972	59131	57682	57928	1.90	cps
Selenium	77-2	97	80	103	93	12.88	cps
Selenium	78-2	332	328	323	328	1.38	cps
Selenium	82-1	2444	2507	2424	2458	1.75	cps
Silicon	28-1	850033	857447	869197	858892	1.13	cps
Silver	109-1	178934	176183	180277	178465	1.17	cps
Silver	107-1	187664	185685	190746	188032	1.36	cps
Sodium	23-2	589646	583669	584740	586018	0.54	cps
Strontium	86-1	47899	48376	48242	48172	0.51	cps
Strontium	88-1	405511	408151	408296	407319	0.38	cps
Sulfur	34-1	544248	538387	539091	540576	0.59	cps
Terbium	159-1	2632733	2595530	2568949	2599070	1.23	cps
Terbium	159-2	1416632	1444088	1379999	1413573	2.27	cps
Thallium	203-1	107359	105148	105074	105860	1.23	cps
Thallium	205-1	248678	252650	254063	251797	1.11	cps
Tin	118-1	108117	109612	113401	110377	2.47	cps
Titanium	47-1	117906	114085	118058	116683	1.93	cps
Uranium	238-1	314874	308134	312232	311747	1.09	cps
Vanadium	51-2	38224	37362	36898	37495	1.80	cps
Yttrium	89-1	4579246	4537407	4547424	4554693	0.48	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:44:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	564284	574456	550347	563029	2.15	cps
Zinc	66-2	87729	87421	87549	87566	0.18	cps
Zirconium	90-1	257315	255322	255399	256012	0.44	cps
Zirconium	91-1	57093	56624	56574	56764	0.50	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 12:47:09 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48504	48517	48718	48580	0.25	cps
Antimony	121-1	411495	418338	416381	415404	0.85	cps
Arsenic	75-2	15379	15421	15512	15437	0.44	cps
Barium	135-1	387523	393848	393785	391719	0.93	cps
Barium	137-1	682222	690357	681061	684547	0.74	cps
Beryllium	9-1	98878	98536	100056	99157	0.80	cps
Bismuth	209-1	1524383	1504243	1563736	1530788	1.98	cps
Bismuth	209-2	1022007	1037324	1034141	1031157	0.78	cps
Boron	11-1	33315	37704	40670	37230	9.94	cps
Boron	10-1	7084	7873	8521	7826	9.19	cps
Bromine	81-1	1652	1762	1812	1742	4.70	cps
Cadmium	106-1	10229	10671	10638	10513	2.34	cps
Cadmium	108-1	6627	7064	6902	6864	3.22	cps
Cadmium	111-1	92551	95305	95023	94293	1.61	cps
Calcium	43-1	118787	116066	115225	116693	1.60	cps
Calcium	44-1	1900067	1892588	1929207	1907287	1.01	cps
Chromium	52-2	119521	117491	118990	118667	0.89	cps
Cobalt	59-2	212718	212163	212160	212347	0.15	cps
Copper	63-2	1644879	1684974	1653431	1661095	1.27	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Gadolinium	160-2	17	13	30	20	44.10	cps
Holmium	165-1	2531018	2469226	2599019	2533088	2.56	cps
Holmium	165-2	1432109	1434873	1458245	1441742	1.00	cps
Indium	115-1	2366474	2407742	2418273	2397496	1.14	cps
Indium	115-2	423044	426217	432307	427189	1.10	cps
Iron	54-2	258468	256459	255032	256653	0.67	cps
Iron	56-2	4683499	4575276	4622143	4626973	1.17	cps
Iron	57-2	116112	116365	115608	116028	0.33	cps
Krypton	83-1	697	773	613	694	11.52	cps
Lead	207-1	965025	957927	977389	966781	1.02	cps
Lead	208-1	4388457	4343615	4393323	4375132	0.63	cps
Lead	206-1	1067308	1061879	1069887	1066358	0.38	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:47:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	851694	840307	853703	848568	0.85	cps
Magnesium	24-2	741239	732689	722682	732203	1.27	cps
Manganese	55-2	543717	539482	541723	541641	0.39	cps
Molybdenum	94-1	770100	779082	772749	773977	0.60	cps
Molybdenum	95-1	948513	953454	956639	952868	0.43	cps
Molybdenum	96-1	1049358	1049531	1039608	1046166	0.54	cps
Molybdenum	97-1	581314	581554	589409	584092	0.79	cps
Molybdenum	98-1	1484800	1495374	1486600	1488925	0.38	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	58814	58540	59156	58836	0.52	cps
Phosphorus	31-2	3042	3242	3059	3114	3.56	cps
Potassium	39-2	292035	287600	291405	290347	0.83	cps
Rhodium	103-1	2341784	2348135	2419176	2369698	1.81	cps
Rhodium	103-2	1278162	1287904	1294374	1286813	0.63	cps
Scandium	45-1	1763049	1730891	1796178	1763373	1.85	cps
Scandium	45-2	58227	58345	58050	58207	0.25	cps
Selenium	77-2	227	217	243	229	5.89	cps
Selenium	78-2	769	689	761	740	5.96	cps
Selenium	82-1	6212	6185	6608	6335	3.74	cps
Silicon	28-1	962680	1003584	1005957	990740	2.46	cps
Silver	109-1	448484	455482	452897	452287	0.78	cps
Silver	107-1	472563	476900	476096	475186	0.49	cps
Sodium	23-2	1396588	1411219	1409859	1405888	0.57	cps
Strontium	86-1	120038	118365	120608	119670	0.97	cps
Strontium	88-1	1021282	1021873	1015530	1019562	0.34	cps
Sulfur	34-1	560009	561255	556410	559225	0.45	cps
Terbium	159-1	2677592	2694666	2736164	2702807	1.11	cps
Terbium	159-2	1443507	1431122	1465097	1446575	1.19	cps
Thallium	203-1	265823	264513	268043	266127	0.67	cps
Thallium	205-1	624673	627312	631046	627677	0.51	cps
Tin	118-1	279732	287432	280578	282581	1.49	cps
Titanium	47-1	295489	293590	292972	294017	0.45	cps
Uranium	238-1	779655	785651	782987	782764	0.38	cps
Vanadium	51-2	91389	91886	93080	92118	0.94	cps
Yttrium	89-1	4707509	4617660	4717039	4680736	1.17	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:47:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	572001	573225	574700	573309	0.24	cps
Zinc	66-2	217040	217980	216395	217139	0.37	cps
Zirconium	90-1	646265	644882	645548	645565	0.11	cps
Zirconium	91-1	143458	142617	145361	143812	0.98	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 12:50:10 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95091	97343	97071	96502	1.27	cps
Antimony	121-1	834855	824591	829657	829701	0.62	cps
Arsenic	75-2	31033	30637	30907	30859	0.66	cps
Barium	135-1	794152	792752	795766	794223	0.19	cps
Barium	137-1	1386708	1377045	1385918	1383224	0.39	cps
Beryllium	9-1	200644	198797	197720	199054	0.74	cps
Bismuth	209-1	1546195	1523692	1535081	1534990	0.73	cps
Bismuth	209-2	969091	1015484	1021702	1002092	2.87	cps
Boron	11-1	65604	74472	80900	73659	10.43	cps
Boron	10-1	13666	15947	17034	15549	11.06	cps
Bromine	81-1	1291	1882	1341	1505	21.76	cps
Cadmium	106-1	20365	21042	20666	20691	1.64	cps
Cadmium	108-1	13348	13478	12702	13176	3.15	cps
Cadmium	111-1	190128	189345	189819	189764	0.21	cps
Calcium	43-1	232101	234330	235316	233916	0.70	cps
Calcium	44-1	3755413	3731996	3764468	3750625	0.45	cps
Chromium	52-2	236253	235695	236159	236036	0.13	cps
Cobalt	59-2	423186	420358	422526	422023	0.35	cps
Copper	63-2	3237329	3324567	3304608	3288835	1.39	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	58	25	33	66.14	cps
Gadolinium	160-2	23	10	20	18	39.03	cps
Holmium	165-1	2611202	2491474	2519769	2540815	2.46	cps
Holmium	165-2	1353459	1433468	1431820	1406249	3.25	cps
Indium	115-1	2430090	2389291	2407182	2408855	0.85	cps
Indium	115-2	394129	417544	420142	410605	3.49	cps
Iron	54-2	508855	515426	510427	511569	0.67	cps
Iron	56-2	9162072	9197853	9115606	9158511	0.45	cps
Iron	57-2	229473	229410	234410	231098	1.24	cps
Krypton	83-1	713	770	740	741	3.83	cps
Lead	207-1	2023266	1963371	1957115	1981251	1.84	cps
Lead	208-1	9000013	8851381	8798895	8883430	1.17	cps
Lead	206-1	2232264	2207419	2210398	2216693	0.61	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:50:10	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	855746	845043	853542	851444	0.66	cps
Magnesium	24-2	1458861	1459654	1447985	1455500	0.45	cps
Manganese	55-2	1075244	1083490	1084390	1081041	0.47	cps
Molybdenum	94-1	1533009	1533131	1533646	1533262	0.02	cps
Molybdenum	95-1	1891656	1880209	1894648	1888838	0.40	cps
Molybdenum	96-1	2088084	2069775	2102806	2086888	0.79	cps
Molybdenum	97-1	1177118	1178152	1186689	1180653	0.44	cps
Molybdenum	98-1	2993264	2989757	2996321	2993114	0.11	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	118367	117447	117275	117696	0.50	cps
Phosphorus	31-2	5968	6493	6560	6340	5.11	cps
Potassium	39-2	562895	567868	562897	564553	0.51	cps
Rhodium	103-1	2363465	2362437	2378239	2368047	0.37	cps
Rhodium	103-2	1193887	1264466	1251714	1236689	3.04	cps
Scandium	45-1	1760620	1763485	1774407	1766171	0.41	cps
Scandium	45-2	53382	57953	57210	56182	4.37	cps
Selenium	77-2	417	353	450	407	12.07	cps
Selenium	78-2	1394	1437	1397	1410	1.70	cps
Selenium	82-1	12620	12661	12572	12618	0.35	cps
Silicon	28-1	1298236	1328157	1361283	1329225	2.37	cps
Silver	109-1	907801	907275	914414	909830	0.44	cps
Silver	107-1	944006	940545	956294	946949	0.87	cps
Sodium	23-2	2809530	2788369	2751440	2783113	1.06	cps
Strontium	86-1	241027	239170	240473	240223	0.40	cps
Strontium	88-1	2053794	2013577	2058978	2042116	1.22	cps
Sulfur	34-1	583270	583072	581933	582758	0.12	cps
Terbium	159-1	2751495	2668911	2727897	2716101	1.57	cps
Terbium	159-2	1349674	1431917	1423830	1401807	3.23	cps
Thallium	203-1	546243	538655	540663	541854	0.73	cps
Thallium	205-1	1303986	1279043	1285277	1289435	1.01	cps
Tin	118-1	573220	559585	568569	567125	1.22	cps
Titanium	47-1	590241	592847	593028	592038	0.26	cps
Uranium	238-1	1623343	1600499	1596519	1606787	0.90	cps
Vanadium	51-2	188213	187024	185006	186747	0.87	cps
Yttrium	89-1	4642468	4578029	4770893	4663797	2.11	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:50:10	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	532432	569354	566672	556152	3.70	cps
Zinc	66-2	427624	427041	433145	429270	0.78	cps
Zirconium	90-1	1290778	1293258	1307085	1297040	0.68	cps
Zirconium	91-1	291420	286701	284844	287655	1.18	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 12:53:10 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190537	190577	189919	190345	0.19	cps
Antimony	121-1	1664845	1660646	1654514	1660002	0.31	cps
Arsenic	75-2	61237	60878	60619	60911	0.51	cps
Barium	135-1	1583656	1595576	1607801	1595678	0.76	cps
Barium	137-1	2792115	2809404	2855777	2819099	1.17	cps
Beryllium	9-1	395035	399916	399775	398242	0.70	cps
Bismuth	209-1	1575014	1567693	1576616	1573108	0.30	cps
Bismuth	209-2	1013484	1034220	1030983	1026229	1.09	cps
Boron	11-1	131851	150425	163123	148466	10.59	cps
Boron	10-1	27246	31597	34423	31089	11.63	cps
Bromine	81-1	1442	1692	1402	1512	10.41	cps
Cadmium	106-1	39917	40259	41438	40538	1.97	cps
Cadmium	108-1	27523	27064	27590	27393	1.05	cps
Cadmium	111-1	379133	376375	382930	379479	0.87	cps
Calcium	43-1	472979	478403	470854	474078	0.82	cps
Calcium	44-1	7373860	7476350	7450596	7433602	0.72	cps
Chromium	52-2	464105	464040	459925	462690	0.52	cps
Cobalt	59-2	838667	832299	822248	831071	1.00	cps
Copper	63-2	6354513	6415214	6370786	6380171	0.49	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	23	20	13	19	26.96	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	83	33	67	61	41.67	cps
Gadolinium	160-2	30	27	13	23	37.81	cps
Holmium	165-1	2587733	2587733	2602177	2592548	0.32	cps
Holmium	165-2	1447706	1455083	1457480	1453423	0.35	cps
Indium	115-1	2402590	2415294	2477436	2431773	1.65	cps
Indium	115-2	418093	421811	414347	418083	0.89	cps
Iron	54-2	1005448	1005468	1001567	1004161	0.22	cps
Iron	56-2	18355208	18476524	18199845	18343859	0.76	cps
Iron	57-2	458232	456852	455528	456871	0.30	cps
Krypton	83-1	667	763	653	694	8.64	cps
Lead	207-1	4060330	4021139	4090103	4057191	0.85	cps
Lead	208-1	18005438	17825013	18114146	17981532	0.81	cps
Lead	206-1	4473674	4456657	4506009	4478780	0.56	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:53:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	856787	859298	855269	857118	0.24	cps
Magnesium	24-2	2838016	2836624	2846941	2840527	0.20	cps
Manganese	55-2	2201588	2178196	2126361	2168715	1.78	cps
Molybdenum	94-1	3148043	3017299	3092091	3085811	2.13	cps
Molybdenum	95-1	3797828	3740100	3815355	3784428	1.04	cps
Molybdenum	96-1	4210866	4139886	4206461	4185737	0.95	cps
Molybdenum	97-1	2404564	2373603	2425194	2401120	1.08	cps
Molybdenum	98-1	5998803	5995778	6073468	6022683	0.73	cps
Neodymium	150-1	40	53	80	58	35.25	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	230513	231555	230044	230704	0.34	cps
Phosphorus	31-2	12898	12931	12623	12817	1.32	cps
Potassium	39-2	1085848	1081811	1075311	1080990	0.49	cps
Rhodium	103-1	2379536	2390840	2411865	2394080	0.69	cps
Rhodium	103-2	1255807	1266048	1259421	1260425	0.41	cps
Scandium	45-1	1768309	1786937	1773904	1776383	0.54	cps
Scandium	45-2	56587	58435	56527	57183	1.90	cps
Selenium	77-2	790	787	730	769	4.39	cps
Selenium	78-2	2773	2718	2703	2731	1.35	cps
Selenium	82-1	25537	25000	25834	25457	1.66	cps
Silicon	28-1	1934138	2034185	2070505	2012943	3.51	cps
Silver	109-1	1850531	1819972	1822266	1830923	0.93	cps
Silver	107-1	1922577	1921292	1919657	1921175	0.08	cps
Sodium	23-2	5402399	5440278	5352317	5398331	0.82	cps
Strontium	86-1	482276	484344	482558	483060	0.23	cps
Strontium	88-1	4079167	4081893	4161871	4107644	1.14	cps
Sulfur	34-1	646058	650861	642077	646332	0.68	cps
Terbium	159-1	2790927	2775416	2720744	2762362	1.33	cps
Terbium	159-2	1438443	1458635	1448496	1448525	0.70	cps
Thallium	203-1	1107622	1088608	1119789	1105340	1.42	cps
Thallium	205-1	2590928	2617786	2638644	2615786	0.91	cps
Tin	118-1	1141397	1146884	1148306	1145529	0.32	cps
Titanium	47-1	1178853	1180596	1200526	1186658	1.01	cps
Uranium	238-1	3228126	3281853	3240277	3250086	0.87	cps
Vanadium	51-2	367468	369615	364853	367312	0.65	cps
Yttrium	89-1	4770991	4696956	4794257	4754068	1.07	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:53:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	561871	563489	565578	563646	0.33	cps
Zinc	66-2	857455	843606	841312	847458	1.03	cps
Zirconium	90-1	2619977	2601572	2633471	2618340	0.61	cps
Zirconium	91-1	575162	573583	576933	575226	0.29	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 12:56:09 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377912	377118	377547	377526	0.11	cps
Antimony	121-1	3327957	3375707	3269631	3324431	1.60	cps
Arsenic	75-2	122103	121079	122051	121744	0.47	cps
Barium	135-1	3272976	3215436	3129213	3205875	2.26	cps
Barium	137-1	5678919	5608565	5498637	5595374	1.62	cps
Beryllium	9-1	792423	794654	790459	792512	0.26	cps
Bismuth	209-1	1583409	1603189	1582301	1589633	0.74	cps
Bismuth	209-2	989933	1023374	1033280	1015529	2.24	cps
Boron	11-1	270674	308110	335690	304825	10.71	cps
Boron	10-1	55878	64682	71138	63899	11.99	cps
Bromine	81-1	1652	1562	1552	1588	3.47	cps
Cadmium	106-1	81993	79252	77082	79442	3.10	cps
Cadmium	108-1	54666	53026	53399	53697	1.60	cps
Cadmium	111-1	759371	757317	751377	756021	0.55	cps
Calcium	43-1	942306	946094	934078	940826	0.65	cps
Calcium	44-1	14787989	14831520	14879046	14832852	0.31	cps
Chromium	52-2	913603	915569	914678	914617	0.11	cps
Cobalt	59-2	1653754	1648242	1632148	1644715	0.68	cps
Copper	63-2	12628229	12678460	12535257	12613982	0.58	cps
Dysprosium	156-1	117	67	50	78	44.61	cps
Dysprosium	156-2	43	23	20	29	43.68	cps
Erbium	164-1	58	8	33	33	75.02	cps
Erbium	164-2	13	0	17	10	88.20	cps
Gadolinium	160-1	75	67	75	72	6.66	cps
Gadolinium	160-2	37	40	23	33	26.47	cps
Holmium	165-1	2697539	2619742	2644538	2653940	1.50	cps
Holmium	165-2	1434179	1460454	1471067	1455234	1.30	cps
Indium	115-1	2460528	2503672	2384585	2449595	2.46	cps
Indium	115-2	399507	414283	412095	408628	1.95	cps
Iron	54-2	2001061	2013790	2036222	2017024	0.88	cps
Iron	56-2	36500709	36229036	36252734	36327493	0.41	cps
Iron	57-2	909016	897659	905198	903958	0.64	cps
Krypton	83-1	727	683	680	697	3.74	cps
Lead	207-1	8026262	8003407	8067593	8032421	0.41	cps
Lead	208-1	35867457	35954244	36002912	35941538	0.19	cps
Lead	206-1	8895200	8898056	8947109	8913455	0.33	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:56:09	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	872363	862258	858834	864485	0.81	cps
Magnesium	24-2	5510295	5520261	5507625	5512727	0.12	cps
Manganese	55-2	4257213	4185152	4252644	4231670	0.95	cps
Molybdenum	94-1	6208051	6104553	6128405	6147003	0.88	cps
Molybdenum	95-1	7621188	7560984	7562342	7581505	0.45	cps
Molybdenum	96-1	8324978	8393522	8332955	8350485	0.45	cps
Molybdenum	97-1	4780368	4724423	4701640	4735477	0.86	cps
Molybdenum	98-1	12179612	12078739	11926979	12061777	1.05	cps
Neodymium	150-1	67	93	80	80	16.67	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	451266	452706	453641	452538	0.26	cps
Phosphorus	31-2	24488	24112	24655	24418	1.14	cps
Potassium	39-2	2071938	2106363	2096660	2091654	0.85	cps
Rhodium	103-1	2421652	2372933	2406507	2400364	1.04	cps
Rhodium	103-2	1213436	1241804	1252104	1235781	1.62	cps
Scandium	45-1	1793009	1794166	1786636	1791270	0.23	cps
Scandium	45-2	55410	56266	56293	55990	0.90	cps
Selenium	77-2	1470	1663	1630	1588	6.51	cps
Selenium	78-2	5390	5351	5321	5354	0.65	cps
Selenium	82-1	50580	50199	50760	50513	0.57	cps
Silicon	28-1	2836691	2974507	3014534	2941911	3.17	cps
Silver	109-1	3612178	3573270	3646870	3610773	1.02	cps
Silver	107-1	3837335	3814689	3749675	3800566	1.20	cps
Sodium	23-2	10592347	10565184	10593308	10583613	0.15	cps
Strontium	86-1	967287	959693	959411	962130	0.46	cps
Strontium	88-1	8176601	7990230	8115250	8094027	1.17	cps
Sulfur	34-1	771350	762479	766598	766809	0.58	cps
Terbium	159-1	2770312	2805089	2827932	2801111	1.04	cps
Terbium	159-2	1405562	1457142	1461028	1441244	2.15	cps
Thallium	203-1	2265962	2256343	2248362	2256889	0.39	cps
Thallium	205-1	5205763	5163736	5243562	5204354	0.77	cps
Tin	118-1	2326868	2264956	2262694	2284840	1.59	cps
Titanium	47-1	2349445	2326107	2319341	2331631	0.68	cps
Uranium	238-1	6529482	6692420	6523907	6581936	1.45	cps
Vanadium	51-2	728034	723610	728260	726635	0.36	cps
Yttrium	89-1	4769042	4751638	4779579	4766753	0.30	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:56:09	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	546768	564019	563973	558253	1.78	cps
Zinc	66-2	1665015	1680346	1683607	1676322	0.59	cps
Zirconium	90-1	5132559	5030973	5118436	5093989	1.08	cps
Zirconium	91-1	1158803	1154064	1165074	1159313	0.48	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:59:09	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1853764	1851273	1810639	1838559	1.32	cps
Antimony	121-1	2442	2317	2367	2375	2.65	cps
Arsenic	75-2	63	60	61	61	2.49	cps
Barium	135-1	6727	6110	5843	6227	7.28	cps
Barium	137-1	11263	10696	10679	10880	3.06	cps
Beryllium	9-1	182	162	148	164	10.42	cps
Bismuth	209-1	1482402	1486069	1481216	1483229	0.17	cps
Bismuth	209-2	970362	964140	971703	968735	0.42	cps
Boron	11-1	51126	45802	40076	45668	12.10	cps
Boron	10-1	10882	9915	8653	9817	11.39	cps
Bromine	81-1	1772	1752	1782	1769	0.86	cps
Cadmium	106-1	992	1225	1100	1106	10.56	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Cadmium	111-1	1022	1110	1063	1065	4.15	cps
Calcium	43-1	4349642	4356341	4399967	4368650	0.63	cps
Calcium	44-1	71250464	71820214	70716814	71262497	0.77	cps
Chromium	52-2	28573	26211	26141	26975	5.13	cps
Cobalt	59-2	2920	3040	3067	3009	2.60	cps
Copper	63-2	9520	9647	9590	9586	0.66	cps
Dysprosium	156-1	250	167	133	183	32.78	cps
Dysprosium	156-2	103	117	103	108	7.14	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	233	167	200	200	16.67	cps
Gadolinium	160-2	123	147	130	133	9.01	cps
Holmium	165-1	2567244	2555276	2574510	2565677	0.38	cps
Holmium	165-2	1428951	1424036	1449230	1434072	0.93	cps
Indium	115-1	2503930	2568698	2559970	2544199	1.38	cps
Indium	115-2	444998	437908	441104	441337	0.80	cps
Iron	54-2	9381022	9283123	9276119	9313421	0.63	cps
Iron	56-2	174053454	172253304	172199321	172835359	0.61	cps
Iron	57-2	4277672	4314259	4302048	4297993	0.43	cps
Krypton	83-1	687	607	710	668	8.12	cps
Lead	207-1	8698	8047	8103	8282	4.35	cps
Lead	208-1	36632	36521	35691	36281	1.42	cps
Lead	206-1	8909	8992	9298	9066	2.26	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:59:09	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	820928	840365	834460	831918	1.20	cps
Magnesium	24-2	26309029	25973145	25781022	26021065	1.03	cps
Manganese	55-2	4914	5138	5114	5055	2.43	cps
Molybdenum	94-1	4668	4851	4709	4743	2.03	cps
Molybdenum	95-1	7235	6885	6685	6935	4.02	cps
Molybdenum	96-1	7661	7786	7694	7713	0.84	cps
Molybdenum	97-1	3934	4434	4142	4170	6.02	cps
Molybdenum	98-1	10788	11121	10671	10860	2.15	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	8986	8629	8633	8749	2.34	cps
Phosphorus	31-2	133	267	333	244	41.66	cps
Potassium	39-2	10140681	9993079	10055227	10062996	0.74	cps
Rhodium	103-1	2229267	2234405	2259354	2241009	0.72	cps
Rhodium	103-2	1187393	1168115	1180274	1178594	0.83	cps
Scandium	45-1	1722442	1744555	1705391	1724129	1.14	cps
Scandium	45-2	55778	54723	56062	55521	1.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	23	30	32	33.07	cps
Selenium	82-1	-48	61	-12	0	47905.71	cps
Silicon	28-1	751232	739688	733676	741532	1.20	cps
Silver	109-1	1008	1075	950	1011	6.19	cps
Silver	107-1	1033	1042	1183	1086	7.76	cps
Sodium	23-2	51234276	50937457	50385264	50852332	0.85	cps
Strontium	86-1	2684	3367	2925	2992	11.58	cps
Strontium	88-1	17712	17186	17945	17614	2.21	cps
Sulfur	34-1	497503	503418	504312	501744	0.74	cps
Terbium	159-1	2716700	2720259	2663556	2700172	1.18	cps
Terbium	159-2	1415739	1406612	1437394	1419915	1.11	cps
Thallium	203-1	2034	1842	1875	1917	5.34	cps
Thallium	205-1	4734	4234	4009	4326	8.58	cps
Tin	118-1	2000	2117	2234	2117	5.51	cps
Titanium	47-1	792	1042	808	881	15.87	cps
Uranium	238-1	775	658	925	786	17.01	cps
Vanadium	51-2	250	307	240	266	13.54	cps
Yttrium	89-1	4681337	4807830	4672927	4720698	1.60	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 12:59:09	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	569520	563827	567781	567043	0.51	cps
Zinc	66-2	8882	9544	9257	9228	3.60	cps
Zirconium	90-1	1400	1458	1383	1414	2.79	cps
Zirconium	91-1	258	300	258	272	8.84	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:07:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9483	9637	9403	9508	1.25	cps
Antimony	121-1	639689	639927	634628	638081	0.47	cps
Arsenic	75-2	24126	24173	23878	24059	0.66	cps
Barium	135-1	62561	62445	64077	63028	1.44	cps
Barium	137-1	112247	110180	113591	112006	1.53	cps
Beryllium	9-1	75683	77374	76827	76628	1.13	cps
Bismuth	209-1	1531552	1544601	1540304	1538819	0.43	cps
Bismuth	209-2	1021075	1014963	1004929	1013656	0.80	cps
Boron	11-1	218149	226034	229583	224589	2.61	cps
Boron	10-1	45884	48215	48546	47548	3.05	cps
Bromine	81-1	1622	1762	1662	1682	4.29	cps
Cadmium	106-1	12031	11980	12606	12206	2.85	cps
Cadmium	108-1	7331	7119	7510	7320	2.68	cps
Cadmium	111-1	75717	77958	77531	77069	1.54	cps
Calcium	43-1	18938	20523	19555	19672	4.06	cps
Calcium	44-1	325134	325571	329823	326843	0.79	cps
Chromium	52-2	91527	91044	91617	91396	0.34	cps
Cobalt	59-2	168716	165456	163220	165797	1.67	cps
Copper	63-2	131270	129326	128639	129745	1.05	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	0	17	33	17	99.99	cps
Gadolinium	160-2	7	27	3	12	103.26	cps
Holmium	165-1	2510869	2501934	2478681	2497162	0.67	cps
Holmium	165-2	1411680	1420546	1394280	1408835	0.95	cps
Indium	115-1	2354879	2343024	2370343	2356082	0.58	cps
Indium	115-2	401841	406913	403235	403996	0.65	cps
Iron	54-2	78308	78028	78453	78263	0.28	cps
Iron	56-2	1408580	1381025	1378994	1389533	1.19	cps
Iron	57-2	33991	33317	34302	33870	1.49	cps
Krypton	83-1	750	760	637	716	9.57	cps
Lead	207-1	307120	313941	313983	311681	1.27	cps
Lead	208-1	1442591	1458045	1458875	1453170	0.63	cps
Lead	206-1	370943	372814	374220	372659	0.44	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:07:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	852022	842983	851027	848677	0.58	cps
Magnesium	24-2	63790	63037	64434	63754	1.10	cps
Manganese	55-2	40785	41567	40360	40904	1.50	cps
Molybdenum	94-1	2907601	2937844	2972703	2939383	1.11	cps
Molybdenum	95-1	3636037	3633129	3663662	3644276	0.46	cps
Molybdenum	96-1	3989277	4012985	4028283	4010182	0.49	cps
Molybdenum	97-1	2275337	2280045	2305479	2286954	0.71	cps
Molybdenum	98-1	5740941	5774227	5790718	5768629	0.44	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	46576	46419	46064	46353	0.57	cps
Phosphorus	31-2	200	217	242	219	9.56	cps
Potassium	39-2	98410	98083	98057	98183	0.20	cps
Rhodium	103-1	2378357	2374432	2381036	2377942	0.14	cps
Rhodium	103-2	1238478	1251951	1236997	1242476	0.66	cps
Scandium	45-1	1754694	1741985	1728115	1741598	0.76	cps
Scandium	45-2	56852	55420	56952	56408	1.52	cps
Selenium	77-2	310	333	347	330	5.62	cps
Selenium	78-2	1160	1059	990	1070	7.99	cps
Selenium	82-1	10000	9966	10142	10036	0.93	cps
Silicon	28-1	1432099	1462750	1465037	1453295	1.27	cps
Silver	109-1	170073	175501	174030	173201	1.62	cps
Silver	107-1	180436	180900	183458	181598	0.90	cps
Sodium	23-2	234604	234968	233352	234308	0.36	cps
Strontium	86-1	458494	466153	459370	461339	0.91	cps
Strontium	88-1	3894298	3991646	3937968	3941304	1.24	cps
Sulfur	34-1	505704	507487	507121	506770	0.19	cps
Terbium	159-1	2681348	2661597	2708109	2683685	0.87	cps
Terbium	159-2	1409273	1413610	1385204	1402696	1.09	cps
Thallium	203-1	446089	456755	462091	454978	1.79	cps
Thallium	205-1	1066682	1080234	1083973	1076963	0.84	cps
Tin	118-1	1111656	1123360	1114268	1116428	0.55	cps
Titanium	47-1	1122147	1135186	1141144	1132826	0.86	cps
Uranium	238-1	3361583	3515828	3415783	3431065	2.28	cps
Vanadium	51-2	70629	70007	70583	70406	0.49	cps
Yttrium	89-1	4569927	4597252	4618602	4595260	0.53	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:07:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	549563	552581	541670	547938	1.03	cps
Zinc	66-2	31383	30898	30604	30961	1.27	cps
Zirconium	90-1	2469708	2498821	2477108	2481879	0.61	cps
Zirconium	91-1	548605	547177	554979	550254	0.75	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:12:23	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337	280	260	292	13.61	cps
Antimony	121-1	58	67	108	78	34.44	cps
Arsenic	75-2	3	8	5	5	47.19	cps
Barium	135-1	17	8	8	11	43.34	cps
Barium	137-1	67	17	17	33	86.59	cps
Beryllium	9-1	46	44	50	47	6.55	cps
Bismuth	209-1	1501056	1517379	1509809	1509414	0.54	cps
Bismuth	209-2	1004239	999014	988905	997386	0.78	cps
Boron	11-1	10402	10302	10105	10270	1.47	cps
Boron	10-1	2220	2148	2092	2153	2.98	cps
Bromine	81-1	1622	1622	1672	1638	1.76	cps
Cadmium	106-1	1017	1017	817	950	12.16	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Cadmium	111-1	710	713	574	666	11.95	cps
Calcium	43-1	333	342	333	336	1.43	cps
Calcium	44-1	24104	23628	23745	23826	1.04	cps
Chromium	52-2	960	937	873	923	4.86	cps
Cobalt	59-2	30	47	37	38	22.21	cps
Copper	63-2	633	713	613	653	8.10	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	2508268	2457528	2449472	2471756	1.29	cps
Holmium	165-2	1393448	1384998	1383576	1387341	0.38	cps
Indium	115-1	2335023	2319430	2299701	2318051	0.76	cps
Indium	115-2	405462	405763	401739	404321	0.55	cps
Iron	54-2	389	428	511	443	14.11	cps
Iron	56-2	3117	3423	3467	3336	5.71	cps
Iron	57-2	72	72	111	85	26.36	cps
Krypton	83-1	693	637	593	641	7.82	cps
Lead	207-1	450	339	278	356	24.56	cps
Lead	208-1	1689	1756	1572	1672	5.55	cps
Lead	206-1	328	494	433	419	20.15	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:12:23	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	843099	843611	838731	841813	0.32	cps
Magnesium	24-2	183	117	192	164	25.08	cps
Manganese	55-2	103	93	123	107	14.33	cps
Molybdenum	94-1	133	83	108	108	23.08	cps
Molybdenum	95-1	67	67	92	75	19.24	cps
Molybdenum	96-1	150	125	175	150	16.67	cps
Molybdenum	97-1	25	75	33	44	60.28	cps
Molybdenum	98-1	200	58	75	111	69.69	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	93	113	91	25.70	cps
Phosphorus	31-2	142	250	325	239	38.58	cps
Potassium	39-2	16827	18229	17152	17403	4.22	cps
Rhodium	103-1	2337235	2320776	2334321	2330777	0.38	cps
Rhodium	103-2	1226942	1230510	1221386	1226280	0.37	cps
Scandium	45-1	1713860	1673265	1670667	1685931	1.44	cps
Scandium	45-2	54954	55537	54152	54881	1.27	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	35	23	40	33	26.75	cps
Selenium	82-1	-41	67	45	23	244.12	cps
Silicon	28-1	683017	679423	682326	681589	0.28	cps
Silver	109-1	25	33	42	33	25.01	cps
Silver	107-1	33	25	42	33	25.01	cps
Sodium	23-2	25857	26792	26992	26547	2.28	cps
Strontium	86-1	983	1000	867	950	7.65	cps
Strontium	88-1	133	117	125	125	6.67	cps
Sulfur	34-1	503488	499047	497610	500048	0.61	cps
Terbium	159-1	2660177	2675489	2600311	2645326	1.50	cps
Terbium	159-2	1377723	1388192	1378239	1381385	0.43	cps
Thallium	203-1	317	333	275	308	9.75	cps
Thallium	205-1	825	683	675	728	11.58	cps
Tin	118-1	217	242	283	247	13.62	cps
Titanium	47-1	575	450	367	464	22.61	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	4564634	4507630	4539242	4537169	0.63	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:12:23	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	545619	539160	535615	540132	0.94	cps
Zinc	66-2	86	159	93	113	35.85	cps
Zirconium	90-1	258	208	250	239	11.21	cps
Zirconium	91-1	25	108	50	61	69.98	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:16:03 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1614017	1609039	1595820	1606292	0.59	cps
Antimony	121-1	3901	3317	4101	3773	10.79	cps
Arsenic	75-2	45	51	52	49	7.68	cps
Barium	135-1	833	1025	892	917	10.72	cps
Barium	137-1	1517	1717	1658	1631	6.31	cps
Beryllium	9-1	232	250	256	246	5.08	cps
Bismuth	209-1	1508227	1518600	1513411	1513413	0.34	cps
Bismuth	209-2	999376	990636	993127	994380	0.45	cps
Boron	11-1	9713	9349	8703	9255	5.53	cps
Boron	10-1	2104	2138	1808	2016	9.00	cps
Bromine	81-1	1942	1912	1692	1849	7.39	cps
Cadmium	106-1	967	1058	942	989	6.21	cps
Cadmium	108-1	404	404	529	446	16.19	cps
Cadmium	111-1	994	1066	889	983	9.08	cps
Calcium	43-1	833492	839560	853567	842206	1.22	cps
Calcium	44-1	13170854	13498395	13482705	13383985	1.38	cps
Chromium	52-2	17771	17754	17975	17833	0.69	cps
Cobalt	59-2	1877	1823	1903	1868	2.18	cps
Copper	63-2	10417	10561	10554	10511	0.77	cps
Dysprosium	156-1	33	8	33	25	57.74	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	2587662	2607703	2522155	2572507	1.74	cps
Holmium	165-2	1414639	1419468	1418227	1417445	0.18	cps
Indium	115-1	2367846	2382970	2320637	2357151	1.38	cps
Indium	115-2	408235	406672	411027	408645	0.54	cps
Iron	54-2	3623862	3598080	3640755	3620899	0.59	cps
Iron	56-2	65385113	66320292	66551003	66085469	0.93	cps
Iron	57-2	1663634	1676676	1673362	1671224	0.41	cps
Krypton	83-1	757	690	697	714	5.14	cps
Lead	207-1	7019	6885	6913	6939	1.01	cps
Lead	208-1	31966	32466	31370	31934	1.72	cps
Lead	206-1	8542	8764	8675	8660	1.29	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:16:03	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	853987	839367	837673	843676	1.06	cps
Magnesium	24-2	4957266	4862746	4927531	4915848	0.98	cps
Manganese	55-2	2997	3074	3087	3053	1.59	cps
Molybdenum	94-1	1574910	1596531	1593681	1588374	0.74	cps
Molybdenum	95-1	2753311	2755756	2721499	2743522	0.70	cps
Molybdenum	96-1	2874368	2944626	2920822	2913272	1.23	cps
Molybdenum	97-1	1700763	1747091	1729727	1725860	1.36	cps
Molybdenum	98-1	4326335	4362855	4356484	4348558	0.45	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2377	2204	2417	2332	4.86	cps
Phosphorus	31-2	110049	111207	110713	110656	0.53	cps
Potassium	39-2	3833497	3827229	3816501	3825742	0.22	cps
Rhodium	103-1	2330716	2319108	2330042	2326622	0.28	cps
Rhodium	103-2	1206995	1209771	1225423	1214063	0.82	cps
Scandium	45-1	1717769	1738848	1684120	1713579	1.61	cps
Scandium	45-2	54891	55065	55446	55134	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	35	39	34	16.38	cps
Selenium	82-1	-107	-81	-57	-82	-30.59	cps
Silicon	28-1	765401	770468	773546	769805	0.53	cps
Silver	109-1	167	142	167	158	9.12	cps
Silver	107-1	150	292	300	247	34.10	cps
Sodium	23-2	9749222	9834545	9848449	9810738	0.55	cps
Strontium	86-1	31528	31269	32046	31614	1.25	cps
Strontium	88-1	258428	260278	262550	260419	0.79	cps
Sulfur	34-1	1378340	1366728	1379031	1374700	0.50	cps
Terbium	159-1	2732372	2704677	2696948	2711332	0.69	cps
Terbium	159-2	1417851	1414303	1412516	1414890	0.19	cps
Thallium	203-1	525	967	892	794	29.75	cps
Thallium	205-1	1342	1934	2125	1800	22.69	cps
Tin	118-1	1108	875	1025	1003	11.79	cps
Titanium	47-1	863630	865477	866721	865276	0.18	cps
Uranium	238-1	208	208	142	186	20.68	cps
Vanadium	51-2	107	130	113	117	10.30	cps
Yttrium	89-1	4586617	4649710	4611783	4616037	0.69	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:16:03	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	543236	543599	552376	546404	0.95	cps
Zinc	66-2	2129	2043	2188	2120	3.45	cps
Zirconium	90-1	300	317	258	292	10.30	cps
Zirconium	91-1	67	50	67	61	15.75	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:18:50 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1663096	1633534	1645519	1647383	0.90	cps
Antimony	121-1	68966	68354	68405	68575	0.50	cps
Arsenic	75-2	2465	2384	2360	2403	2.29	cps
Barium	135-1	13691	13641	13040	13457	2.69	cps
Barium	137-1	22895	23329	24055	23426	2.50	cps
Beryllium	9-1	15539	15577	15637	15584	0.32	cps
Bismuth	209-1	1525655	1540610	1535563	1533943	0.50	cps
Bismuth	209-2	999704	998839	1025580	1008041	1.51	cps
Boron	11-1	30363	30744	30996	30701	1.04	cps
Boron	10-1	6490	6554	6460	6501	0.74	cps
Bromine	81-1	2092	2012	2052	2052	1.95	cps
Cadmium	106-1	2784	2517	2884	2728	6.95	cps
Cadmium	108-1	1742	1692	1617	1683	3.74	cps
Cadmium	111-1	15446	15373	15758	15525	1.32	cps
Calcium	43-1	866452	873952	872557	870987	0.46	cps
Calcium	44-1	13797915	14155882	13904316	13952704	1.32	cps
Chromium	52-2	39006	38786	39919	39237	1.53	cps
Cobalt	59-2	35324	34221	34512	34686	1.65	cps
Copper	63-2	36273	35985	37018	36426	1.46	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Holmium	165-1	2572859	2562866	2582476	2572734	0.38	cps
Holmium	165-2	1436875	1434262	1451238	1440792	0.63	cps
Indium	115-1	2372476	2423777	2395414	2397223	1.07	cps
Indium	115-2	417559	416312	423505	419126	0.92	cps
Iron	54-2	3728354	3700480	3711224	3713353	0.38	cps
Iron	56-2	68373803	67720470	68455535	68183269	0.59	cps
Iron	57-2	1698916	1731567	1753526	1728003	1.59	cps
Krypton	83-1	633	697	833	721	14.18	cps
Lead	207-1	35560	36474	36006	36013	1.27	cps
Lead	208-1	167173	165322	167244	166580	0.65	cps
Lead	206-1	42497	43122	43969	43196	1.71	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:18:50	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861370	860402	871152	864308	0.69	cps
Magnesium	24-2	5101792	4976170	5047223	5041728	1.25	cps
Manganese	55-2	10781	11278	11211	11090	2.43	cps
Molybdenum	94-1	1796816	1766154	1752220	1771730	1.29	cps
Molybdenum	95-1	2911204	2951020	2916668	2926297	0.74	cps
Molybdenum	96-1	3109636	3175938	3167592	3151056	1.15	cps
Molybdenum	97-1	1781390	1834123	1826978	1814163	1.58	cps
Molybdenum	98-1	4545392	4666327	4642115	4617945	1.39	cps
Neodymium	150-1	0	20	40	20	100.00	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	12155	12155	12342	12218	0.88	cps
Phosphorus	31-2	112938	113517	114524	113660	0.71	cps
Potassium	39-2	3991056	3935161	4010730	3978982	0.99	cps
Rhodium	103-1	2303795	2374853	2344816	2341155	1.52	cps
Rhodium	103-2	1239648	1232550	1245751	1239317	0.53	cps
Scandium	45-1	1736248	1781147	1733597	1750331	1.53	cps
Scandium	45-2	55992	55597	56280	55956	0.61	cps
Selenium	77-2	30	33	30	31	6.18	cps
Selenium	78-2	128	130	128	129	0.90	cps
Selenium	82-1	988	918	748	885	13.93	cps
Silicon	28-1	891867	848596	901983	880815	3.22	cps
Silver	109-1	68470	67156	67198	67608	1.10	cps
Silver	107-1	68604	71594	71117	70438	2.28	cps
Sodium	23-2	10122331	10049341	10121499	10097724	0.41	cps
Strontium	86-1	82443	81932	83717	82697	1.11	cps
Strontium	88-1	696173	711251	705461	704295	1.08	cps
Sulfur	34-1	1397960	1358184	1380639	1378928	1.45	cps
Terbium	159-1	2756347	2725974	2752771	2745031	0.60	cps
Terbium	159-2	1427315	1426537	1464809	1439554	1.52	cps
Thallium	203-1	43147	42855	42679	42894	0.55	cps
Thallium	205-1	101108	101623	99229	100653	1.25	cps
Tin	118-1	118897	120796	120822	120172	0.92	cps
Titanium	47-1	905168	920108	913914	913063	0.82	cps
Uranium	238-1	335687	340177	339456	338440	0.71	cps
Vanadium	51-2	14017	13990	14344	14117	1.40	cps
Yttrium	89-1	4658282	4718241	4620014	4665512	1.06	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:18:50	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	560670	562046	563105	561940	0.22	cps
Zinc	66-2	5888	5651	5474	5671	3.67	cps
Zirconium	90-1	273441	271074	271618	272044	0.46	cps
Zirconium	91-1	62072	61963	60381	61472	1.54	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P8
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:21:41	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	972855	966832	971644	970443	0.33	cps
Antimony	121-1	1670188	1663143	1684467	1672599	0.65	cps
Arsenic	75-2	61069	61033	61535	61212	0.46	cps
Barium	135-1	1635942	1634257	1633449	1634549	0.08	cps
Barium	137-1	2832096	2836828	2870204	2846376	0.73	cps
Beryllium	9-1	388320	392589	394545	391818	0.81	cps
Bismuth	209-1	1536568	1537416	1540617	1538200	0.14	cps
Bismuth	209-2	1008131	1000143	1016124	1008133	0.79	cps
Boron	11-1	120830	143226	159168	141074	13.65	cps
Boron	10-1	25305	29980	33407	29564	13.76	cps
Bromine	81-1	1792	1642	1792	1742	4.98	cps
Cadmium	106-1	39716	39540	39582	39613	0.23	cps
Cadmium	108-1	27152	26818	27085	27018	0.65	cps
Cadmium	111-1	365316	371035	374434	370262	1.24	cps
Calcium	43-1	2179941	2259066	2220835	2219947	1.78	cps
Calcium	44-1	35334210	36133639	36073299	35847049	1.24	cps
Chromium	52-2	472026	471311	470464	471267	0.17	cps
Cobalt	59-2	812543	830179	831373	824698	1.28	cps
Copper	63-2	6256065	6273509	6320021	6283198	0.53	cps
Dysprosium	156-1	83	125	92	100	22.04	cps
Dysprosium	156-2	50	77	47	58	28.46	cps
Erbium	164-1	33	25	0	19	89.21	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	58	150	50	86	64.44	cps
Gadolinium	160-2	30	77	63	57	42.42	cps
Holmium	165-1	2647176	2669244	2669711	2662044	0.48	cps
Holmium	165-2	1452659	1458821	1469254	1460245	0.57	cps
Indium	115-1	2503745	2540375	2529835	2524652	0.75	cps
Indium	115-2	428768	430895	433215	430959	0.52	cps
Iron	54-2	4768325	4850251	4798782	4805786	0.86	cps
Iron	56-2	87154841	88547174	88440349	88047455	0.88	cps
Iron	57-2	2212363	2265633	2240104	2239367	1.19	cps
Krypton	83-1	650	647	637	644	1.08	cps
Lead	207-1	3986527	4073167	4075707	4045134	1.26	cps
Lead	208-1	17811153	18052723	18245861	18036579	1.21	cps
Lead	206-1	4437644	4466444	4577771	4493953	1.65	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P8
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:21:41	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861018	867099	870525	866214	0.56	cps
Magnesium	24-2	13174240	13383938	13470523	13342900	1.14	cps
Manganese	55-2	2142008	2129854	2115902	2129255	0.61	cps
Molybdenum	94-1	3135561	3128155	3210274	3157997	1.44	cps
Molybdenum	95-1	3803484	3874681	3933240	3870468	1.68	cps
Molybdenum	96-1	4182689	4278833	4365095	4275539	2.13	cps
Molybdenum	97-1	2423812	2425820	2446756	2432129	0.52	cps
Molybdenum	98-1	6029242	6075753	6144401	6083132	0.95	cps
Neodymium	150-1	67	53	87	69	24.36	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	225239	229633	227521	227464	0.97	cps
Phosphorus	31-2	12948	12614	12464	12675	1.95	cps
Potassium	39-2	5163774	5079329	5251500	5164868	1.67	cps
Rhodium	103-1	2336561	2382097	2348472	2355710	1.00	cps
Rhodium	103-2	1232428	1231080	1234950	1232819	0.16	cps
Scandium	45-1	1770589	1770678	1794229	1778499	0.77	cps
Scandium	45-2	56634	56658	57049	56780	0.41	cps
Selenium	77-2	853	830	820	834	2.05	cps
Selenium	78-2	2809	2788	2752	2783	1.04	cps
Selenium	82-1	25216	25440	25398	25351	0.47	cps
Silicon	28-1	1721622	1852172	1963990	1845928	6.57	cps
Silver	109-1	1802972	1784841	1803452	1797088	0.59	cps
Silver	107-1	1904127	1897157	1928903	1910062	0.87	cps
Sodium	23-2	25797580	25920535	26046503	25921539	0.48	cps
Strontium	86-1	481891	482964	486393	483749	0.49	cps
Strontium	88-1	4045046	4117123	4100569	4087580	0.92	cps
Sulfur	34-1	596153	611773	610040	605989	1.41	cps
Terbium	159-1	2765046	2774122	2841411	2793527	1.49	cps
Terbium	159-2	1449971	1467374	1460370	1459238	0.60	cps
Thallium	203-1	1092533	1116624	1119449	1109536	1.33	cps
Thallium	205-1	2595760	2567684	2622979	2595474	1.07	cps
Tin	118-1	1163130	1159795	1150913	1157946	0.55	cps
Titanium	47-1	1189620	1174548	1200226	1188131	1.09	cps
Uranium	238-1	3308045	3323334	3384601	3338660	1.21	cps
Vanadium	51-2	369108	370592	371483	370394	0.32	cps
Yttrium	89-1	4832930	4749852	4843272	4808685	1.07	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P8
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:21:41	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	571527	571512	574781	572607	0.33	cps
Zinc	66-2	830577	832749	838898	834075	0.52	cps
Zirconium	90-1	2591920	2615695	2667338	2624984	1.47	cps
Zirconium	91-1	584256	582530	596126	587638	1.26	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : CCB021 Instrumnet Name : P8
 Client Sample ID : CCB021 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:27:32 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	340	233	282	19.09	cps
Antimony	121-1	117	100	83	100	16.66	cps
Arsenic	75-2	2	2	3	2	24.74	cps
Barium	135-1	17	0	17	11	86.60	cps
Barium	137-1	25	17	8	17	50.01	cps
Beryllium	9-1	48	78	64	63	23.70	cps
Bismuth	209-1	1499496	1524711	1493449	1505885	1.10	cps
Bismuth	209-2	999004	994439	991170	994871	0.40	cps
Boron	11-1	7901	7344	7887	7711	4.11	cps
Boron	10-1	1676	1616	1570	1620	3.28	cps
Bromine	81-1	1892	1762	1912	1855	4.39	cps
Cadmium	106-1	925	1125	1067	1039	9.90	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Cadmium	111-1	656	783	750	730	9.05	cps
Calcium	43-1	367	333	408	369	10.17	cps
Calcium	44-1	23962	24680	24313	24318	1.48	cps
Chromium	52-2	920	867	917	901	3.32	cps
Cobalt	59-2	37	53	43	44	18.87	cps
Copper	63-2	907	820	863	863	5.02	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	2444573	2505648	2458407	2469543	1.30	cps
Holmium	165-2	1392840	1393050	1379822	1388570	0.55	cps
Indium	115-1	2323482	2339049	2365684	2342738	0.91	cps
Indium	115-2	405523	410863	403280	406555	0.96	cps
Iron	54-2	433	422	367	407	8.77	cps
Iron	56-2	3100	3262	3245	3202	2.77	cps
Iron	57-2	167	72	111	117	40.69	cps
Krypton	83-1	580	787	737	701	15.38	cps
Lead	207-1	500	506	472	493	3.63	cps
Lead	208-1	2167	2033	2156	2119	3.49	cps
Lead	206-1	539	506	506	517	3.72	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P8
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:27:32	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	843378	847517	845759	845551	0.25	cps
Magnesium	24-2	250	225	258	244	7.10	cps
Manganese	55-2	53	67	73	64	15.80	cps
Molybdenum	94-1	100	142	125	122	17.16	cps
Molybdenum	95-1	33	33	50	39	24.75	cps
Molybdenum	96-1	92	92	92	92	0.00	cps
Molybdenum	97-1	42	50	17	36	48.03	cps
Molybdenum	98-1	67	58	42	56	22.91	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	100	110	116	16.40	cps
Phosphorus	31-2	258	158	150	189	31.91	cps
Potassium	39-2	17962	17336	17494	17597	1.85	cps
Rhodium	103-1	2284051	2299786	2299971	2294602	0.40	cps
Rhodium	103-2	1225368	1242516	1230538	1232807	0.71	cps
Scandium	45-1	1702724	1700274	1712415	1705137	0.38	cps
Scandium	45-2	54714	53807	55199	54573	1.29	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	25	26	22	24	8.55	cps
Selenium	82-1	89	-83	-37	-10	-875.17	cps
Silicon	28-1	687163	688981	685466	687203	0.26	cps
Silver	109-1	42	67	58	56	22.91	cps
Silver	107-1	75	58	58	64	15.06	cps
Sodium	23-2	30407	30416	30533	30452	0.23	cps
Strontium	86-1	1050	1042	1058	1050	0.79	cps
Strontium	88-1	167	142	67	125	41.63	cps
Sulfur	34-1	492285	491925	488774	490995	0.39	cps
Terbium	159-1	2570386	2648710	2661866	2626988	1.88	cps
Terbium	159-2	1379865	1385406	1369963	1378411	0.57	cps
Thallium	203-1	208	150	158	172	18.32	cps
Thallium	205-1	400	450	458	436	7.23	cps
Tin	118-1	192	192	292	225	25.66	cps
Titanium	47-1	567	492	433	497	13.44	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	17	20	10	16	32.73	cps
Yttrium	89-1	4553432	4572379	4513784	4546531	0.66	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P8
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:27:32	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	538957	542642	544379	541992	0.51	cps
Zinc	66-2	153	163	126	147	12.85	cps
Zirconium	90-1	150	250	167	189	28.36	cps
Zirconium	91-1	50	42	92	61	43.83	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : PB127943BL Instrumnet Name : P8
 Client Sample ID : PBS943 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:30:20 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	260	343	318	15.78	cps
Antimony	121-1	58	100	67	75	29.39	cps
Arsenic	75-2	3	2	12	6	97.19	cps
Barium	135-1	17	67	17	33	86.59	cps
Barium	137-1	42	42	67	50	28.87	cps
Beryllium	9-1	58	54	74	62	17.07	cps
Bismuth	209-1	1509033	1552918	1488395	1516782	2.17	cps
Bismuth	209-2	968866	973165	976275	972769	0.38	cps
Boron	11-1	5866	5884	5614	5788	2.61	cps
Boron	10-1	1208	1318	1186	1237	5.72	cps
Bromine	81-1	1782	2012	1922	1905	6.09	cps
Cadmium	106-1	967	1067	975	1003	5.53	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	675	746	678	700	5.76	cps
Calcium	43-1	425	533	367	442	19.15	cps
Calcium	44-1	24555	23937	23487	23993	2.24	cps
Chromium	52-2	967	1033	840	947	10.37	cps
Cobalt	59-2	40	43	37	40	8.32	cps
Copper	63-2	707	750	610	689	10.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	2468383	2558757	2400777	2475972	3.20	cps
Holmium	165-2	1345911	1347777	1355533	1349740	0.38	cps
Indium	115-1	2346012	2441513	2288701	2358742	3.27	cps
Indium	115-2	398416	401739	401896	400684	0.49	cps
Iron	54-2	311	467	467	415	21.65	cps
Iron	56-2	2806	3250	3423	3160	10.07	cps
Iron	57-2	83	133	72	96	33.81	cps
Krypton	83-1	757	660	710	709	6.82	cps
Lead	207-1	433	378	450	420	9.00	cps
Lead	208-1	1839	1806	1845	1830	1.15	cps
Lead	206-1	422	444	433	433	2.56	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BL	Instrumnet Name :	P8
Client Sample ID :	PBS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:30:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	853560	877634	847123	859439	1.87	cps
Magnesium	24-2	192	225	167	194	15.05	cps
Manganese	55-2	93	37	87	72	42.88	cps
Molybdenum	94-1	133	92	67	97	34.64	cps
Molybdenum	95-1	25	33	42	33	25.01	cps
Molybdenum	96-1	117	150	100	122	20.83	cps
Molybdenum	97-1	17	50	25	31	56.77	cps
Molybdenum	98-1	67	58	67	64	7.54	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	107	113	102	13.58	cps
Phosphorus	31-2	250	225	242	239	5.33	cps
Potassium	39-2	17987	18337	17327	17884	2.87	cps
Rhodium	103-1	2353947	2445995	2317120	2372354	2.80	cps
Rhodium	103-2	1200992	1203166	1218262	1207473	0.78	cps
Scandium	45-1	1706075	1806427	1725020	1745841	3.05	cps
Scandium	45-2	53051	54824	54229	54034	1.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	16	26	32	25	32.77	cps
Selenium	82-1	-97	-3	-11	-37	-140.06	cps
Silicon	28-1	688460	682624	683190	684758	0.47	cps
Silver	109-1	17	50	50	39	49.48	cps
Silver	107-1	83	75	75	78	6.19	cps
Sodium	23-2	28629	29672	29272	29191	1.80	cps
Strontium	86-1	1133	900	1108	1047	12.23	cps
Strontium	88-1	92	133	117	114	18.41	cps
Sulfur	34-1	491384	502308	491212	494968	1.28	cps
Terbium	159-1	2634350	2738752	2662819	2678641	2.01	cps
Terbium	159-2	1347928	1360833	1353583	1354115	0.48	cps
Thallium	203-1	142	175	108	142	23.53	cps
Thallium	205-1	333	342	400	358	10.14	cps
Tin	118-1	233	267	200	233	14.29	cps
Titanium	47-1	433	525	475	478	9.61	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Yttrium	89-1	4629025	4648979	4495194	4591066	1.82	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BL	Instrumnet Name :	P8
Client Sample ID :	PBS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:30:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	531434	529328	534738	531833	0.51	cps
Zinc	66-2	136	149	96	127	21.79	cps
Zirconium	90-1	175	250	158	194	25.11	cps
Zirconium	91-1	17	92	25	44	92.49	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : PB127943BS Instrumnet Name : P8
 Client Sample ID : LCS943 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:33:10 DataFile Name : 020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1007	993	990	997	0.88	cps
Antimony	121-1	13415	12706	12331	12817	4.30	cps
Arsenic	75-2	235	242	211	229	7.09	cps
Barium	135-1	12748	12715	12414	12626	1.46	cps
Barium	137-1	21835	22978	23254	22689	3.32	cps
Beryllium	9-1	1596	1580	1650	1608	2.28	cps
Bismuth	209-1	1520167	1524938	1518083	1521063	0.23	cps
Bismuth	209-2	989348	994928	953978	979418	2.27	cps
Boron	11-1	13492	16009	17273	15591	12.35	cps
Boron	10-1	2760	3412	3790	3320	15.69	cps
Bromine	81-1	1632	1642	1742	1672	3.64	cps
Cadmium	106-1	1125	1150	1092	1122	2.61	cps
Cadmium	108-1	125	100	129	118	13.36	cps
Cadmium	111-1	2050	2235	2153	2146	4.32	cps
Calcium	43-1	9262	9387	9278	9309	0.73	cps
Calcium	44-1	170376	170806	168682	169955	0.66	cps
Chromium	52-2	4921	4804	4377	4701	6.09	cps
Cobalt	59-2	3327	3317	3310	3318	0.25	cps
Copper	63-2	5741	5564	5691	5666	1.61	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	2545534	2530803	2499082	2525139	0.94	cps
Holmium	165-2	1378157	1392581	1322729	1364489	2.70	cps
Indium	115-1	2376257	2371951	2342399	2363535	0.78	cps
Indium	115-2	403472	401341	388969	397927	1.97	cps
Iron	54-2	14107	14235	14574	14306	1.69	cps
Iron	56-2	251115	254616	250020	251917	0.95	cps
Iron	57-2	6218	6496	6185	6300	2.71	cps
Krypton	83-1	667	603	690	653	6.86	cps
Lead	207-1	3478	3350	3423	3417	1.88	cps
Lead	208-1	15582	15354	15393	15443	0.79	cps
Lead	206-1	3873	3662	3906	3814	3.48	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BS	Instrumnet Name :	P8
Client Sample ID :	LCS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:33:10	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	853642	852854	849976	852158	0.23	cps
Magnesium	24-2	56251	54946	53306	54834	2.69	cps
Manganese	55-2	840	930	987	919	8.05	cps
Molybdenum	94-1	12139	12064	13123	12442	4.75	cps
Molybdenum	95-1	15843	16427	15451	15907	3.09	cps
Molybdenum	96-1	17353	16969	17069	17130	1.16	cps
Molybdenum	97-1	9945	9687	9395	9676	2.85	cps
Molybdenum	98-1	24589	24146	24906	24547	1.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1227	1153	1040	1140	8.25	cps
Phosphorus	31-2	425	317	383	375	14.57	cps
Potassium	39-2	59272	59581	58695	59183	0.76	cps
Rhodium	103-1	2359809	2353441	2376201	2363150	0.50	cps
Rhodium	103-2	1223966	1241707	1176181	1213951	2.79	cps
Scandium	45-1	1729754	1734430	1708962	1724382	0.79	cps
Scandium	45-2	54670	55078	52533	54094	2.53	cps
Selenium	77-2	30	23	7	20	60.08	cps
Selenium	78-2	96	73	87	85	13.58	cps
Selenium	82-1	486	540	469	499	7.39	cps
Silicon	28-1	725484	715190	719306	719994	0.72	cps
Silver	109-1	5893	6660	5610	6054	8.98	cps
Silver	107-1	6368	6318	6418	6368	0.79	cps
Sodium	23-2	133852	135618	132641	134037	1.12	cps
Strontium	86-1	3042	3334	2925	3100	6.79	cps
Strontium	88-1	15901	16068	15593	15854	1.52	cps
Sulfur	34-1	500271	501399	501622	501097	0.14	cps
Terbium	159-1	2660878	2673207	2685320	2673135	0.46	cps
Terbium	159-2	1367901	1382152	1315707	1355253	2.58	cps
Thallium	203-1	4117	4201	4509	4276	4.83	cps
Thallium	205-1	10279	9912	10605	10265	3.37	cps
Tin	118-1	23938	22911	23771	23540	2.34	cps
Titanium	47-1	5334	5026	5426	5262	3.98	cps
Uranium	238-1	12265	12381	12273	12306	0.53	cps
Vanadium	51-2	7625	7559	7289	7491	2.38	cps
Yttrium	89-1	4620323	4548967	4589069	4586120	0.78	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	PB127943BS	Instrumnet Name :	P8
Client Sample ID :	LCS943	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:33:10	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	540390	546582	518362	535111	2.77	cps
Zinc	66-2	733	844	874	817	9.04	cps
Zirconium	90-1	9512	9312	10029	9617	3.85	cps
Zirconium	91-1	2250	2225	2367	2281	3.32	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-01	Instrumnet Name :	P8
Client Sample ID :	MC0AR8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:35:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	368123	365552	362767	365481	0.73	cps
Antimony	121-1	5510	5360	5318	5396	1.87	cps
Arsenic	75-2	854	876	800	843	4.64	cps
Barium	135-1	193366	195953	195032	194784	0.67	cps
Barium	137-1	332735	340865	340903	338168	1.39	cps
Beryllium	9-1	1290	1212	1156	1219	5.52	cps
Bismuth	209-1	1570330	1589829	1591762	1583974	0.75	cps
Bismuth	209-2	1014756	1039230	1052360	1035448	1.84	cps
Boron	11-1	8199	8253	8617	8356	2.72	cps
Boron	10-1	1788	1902	1878	1856	3.24	cps
Bromine	81-1	3995	4616	4606	4405	8.07	cps
Cadmium	106-1	1117	1250	1317	1228	8.29	cps
Cadmium	108-1	150	142	142	144	3.33	cps
Cadmium	111-1	1443	1684	1635	1588	8.02	cps
Calcium	43-1	129134	131230	129891	130085	0.82	cps
Calcium	44-1	2061238	2122201	2112027	2098489	1.56	cps
Chromium	52-2	69742	70985	70017	70248	0.93	cps
Cobalt	59-2	44670	44245	44650	44522	0.54	cps
Copper	63-2	124117	122980	122768	123288	0.59	cps
Dysprosium	156-1	17504	18714	18889	18369	4.11	cps
Dysprosium	156-2	10004	9614	10124	9914	2.69	cps
Erbium	164-1	18772	18004	19031	18602	2.87	cps
Erbium	164-2	9897	9870	9727	9831	0.93	cps
Gadolinium	160-1	17754	19390	19340	18828	4.94	cps
Gadolinium	160-2	11492	11912	11892	11765	2.02	cps
Holmium	165-1	2568428	2611022	2566454	2581968	0.98	cps
Holmium	165-2	1384629	1424217	1446665	1418503	2.21	cps
Indium	115-1	2431895	2482739	2443325	2452653	1.09	cps
Indium	115-2	407041	419949	431658	419550	2.93	cps
Iron	54-2	1556063	1569909	1554389	1560120	0.55	cps
Iron	56-2	28378765	28620658	28188552	28395991	0.76	cps
Iron	57-2	710097	703824	699694	704538	0.74	cps
Krypton	83-1	773	673	707	718	7.09	cps
Lead	207-1	169062	173007	170226	170765	1.19	cps
Lead	208-1	784831	797425	795322	792526	0.85	cps
Lead	206-1	203710	209250	207229	206730	1.36	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-01	Instrumnet Name :	P8
Client Sample ID :	MC0AR8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:35:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	896722	914902	905100	905575	1.00	cps
Magnesium	24-2	658286	658420	652642	656449	0.50	cps
Manganese	55-2	151464	150419	150426	150770	0.40	cps
Molybdenum	94-1	5076	4959	4868	4968	2.10	cps
Molybdenum	95-1	2075	1984	2300	2120	7.69	cps
Molybdenum	96-1	3142	2959	2750	2950	6.64	cps
Molybdenum	97-1	1308	1267	1225	1267	3.29	cps
Molybdenum	98-1	3484	3267	2959	3237	8.15	cps
Neodymium	150-1	28163	28945	28905	28671	1.54	cps
Neodymium	150-2	11235	11595	11372	11400	1.60	cps
Nickel	60-2	21647	20815	21022	21161	2.04	cps
Phosphorus	31-2	1292	1450	1325	1356	6.16	cps
Potassium	39-2	268123	268231	269354	268569	0.25	cps
Rhodium	103-1	2446181	2467256	2438684	2450707	0.60	cps
Rhodium	103-2	1227245	1266960	1286022	1260076	2.38	cps
Scandium	45-1	1837621	1846726	1844325	1842891	0.26	cps
Scandium	45-2	55099	57113	57220	56477	2.12	cps
Selenium	77-2	57	40	27	41	36.56	cps
Selenium	78-2	57	66	50	58	13.91	cps
Selenium	82-1	8	127	79	71	83.82	cps
Silicon	28-1	7355983	7349092	7295923	7333666	0.45	cps
Silver	109-1	825	867	983	892	9.20	cps
Silver	107-1	650	833	1075	853	25.00	cps
Sodium	23-2	113137	113406	113364	113302	0.13	cps
Strontium	86-1	52299	51922	52717	52312	0.76	cps
Strontium	88-1	437472	445838	445309	442873	1.06	cps
Sulfur	34-1	584139	573631	571566	576446	1.17	cps
Terbium	159-1	2766646	2770438	2760176	2765753	0.19	cps
Terbium	159-2	1383238	1423402	1450302	1418981	2.38	cps
Thallium	203-1	1275	1208	883	1122	18.67	cps
Thallium	205-1	3142	3059	2692	2964	8.08	cps
Tin	118-1	13741	13107	14008	13618	3.40	cps
Titanium	47-1	968835	976741	988056	977877	0.99	cps
Uranium	238-1	13274	13483	13124	13293	1.36	cps
Vanadium	51-2	68955	70177	68854	69329	1.06	cps
Yttrium	89-1	5105464	5085153	5085218	5091945	0.23	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-01	Instrumnet Name :	P8
Client Sample ID :	MC0AR8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:35:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	578210	599195	607393	594933	2.53	cps
Zinc	66-2	67600	68008	67232	67613	0.57	cps
Zirconium	90-1	10613	11146	11130	10963	2.77	cps
Zirconium	91-1	2534	2559	2567	2553	0.68	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:38:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	805130	810486	797218	804278	0.83	cps
Antimony	121-1	3301	3142	3242	3228	2.48	cps
Arsenic	75-2	1963	1909	1921	1931	1.47	cps
Barium	135-1	384149	390558	390317	388341	0.94	cps
Barium	137-1	660713	682404	679804	674307	1.76	cps
Beryllium	9-1	3768	3794	3768	3776	0.40	cps
Bismuth	209-1	1576716	1585893	1580865	1581158	0.29	cps
Bismuth	209-2	1038301	1051220	1040075	1043198	0.67	cps
Boron	11-1	6052	6478	6840	6457	6.11	cps
Boron	10-1	1360	1430	1300	1363	4.77	cps
Bromine	81-1	6668	6498	6779	6648	2.13	cps
Cadmium	106-1	1350	1683	1342	1458	13.37	cps
Cadmium	108-1	125	129	104	119	11.21	cps
Cadmium	111-1	1878	2021	1929	1943	3.73	cps
Calcium	43-1	83734	84641	84741	84372	0.66	cps
Calcium	44-1	1389837	1410002	1421020	1406953	1.12	cps
Chromium	52-2	137016	137170	137140	137109	0.06	cps
Cobalt	59-2	79604	78260	78850	78905	0.85	cps
Copper	63-2	160640	158137	159265	159348	0.79	cps
Dysprosium	156-1	55181	54704	53809	54565	1.28	cps
Dysprosium	156-2	28858	28617	28667	28714	0.44	cps
Erbium	164-1	55701	56487	56336	56175	0.74	cps
Erbium	164-2	29058	29199	28764	29007	0.76	cps
Gadolinium	160-1	55433	55291	55901	55541	0.57	cps
Gadolinium	160-2	34177	34478	34495	34383	0.52	cps
Holmium	165-1	2609623	2640429	2637612	2629221	0.65	cps
Holmium	165-2	1474463	1470372	1465157	1469997	0.32	cps
Indium	115-1	2473416	2515558	2534512	2507829	1.25	cps
Indium	115-2	431547	430859	428937	430448	0.31	cps
Iron	54-2	3158642	3078935	3144983	3127520	1.36	cps
Iron	56-2	57443387	57462576	56644637	57183534	0.82	cps
Iron	57-2	1459614	1435148	1417677	1437480	1.47	cps
Krypton	83-1	753	820	750	774	5.10	cps
Lead	207-1	304659	312117	309250	308675	1.22	cps
Lead	208-1	1430468	1451423	1436003	1439298	0.75	cps
Lead	206-1	368111	369616	368514	368747	0.21	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:38:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	914330	917438	952345	928038	2.27	cps
Magnesium	24-2	747385	750474	740009	745956	0.72	cps
Manganese	55-2	251923	253910	249490	251775	0.88	cps
Molybdenum	94-1	8620	8486	8336	8481	1.67	cps
Molybdenum	95-1	4818	5001	5159	4993	3.43	cps
Molybdenum	96-1	6418	6710	6518	6549	2.26	cps
Molybdenum	97-1	3392	3284	2950	3209	7.18	cps
Molybdenum	98-1	8319	7944	8453	8239	3.20	cps
Neodymium	150-1	84880	86410	85114	85468	0.96	cps
Neodymium	150-2	33692	33709	32927	33443	1.34	cps
Nickel	60-2	31953	31852	31004	31603	1.65	cps
Phosphorus	31-2	2442	3217	2542	2734	15.42	cps
Potassium	39-2	293277	288857	292854	291663	0.84	cps
Rhodium	103-1	2412185	2461157	2461317	2444886	1.16	cps
Rhodium	103-2	1285385	1288007	1264130	1279174	1.02	cps
Scandium	45-1	1887398	1906712	1897093	1897068	0.51	cps
Scandium	45-2	59215	60125	58964	59434	1.03	cps
Selenium	77-2	147	127	153	142	9.76	cps
Selenium	78-2	101	109	89	100	10.10	cps
Selenium	82-1	194	60	231	162	55.60	cps
Silicon	28-1	8452498	8613591	8606019	8557369	1.06	cps
Silver	109-1	1533	1650	1767	1650	7.07	cps
Silver	107-1	1542	1450	1817	1603	11.91	cps
Sodium	23-2	174578	178306	174349	175744	1.26	cps
Strontium	86-1	49103	48518	51763	49795	3.47	cps
Strontium	88-1	410372	422435	421681	418163	1.62	cps
Sulfur	34-1	624814	619774	621414	622001	0.41	cps
Terbium	159-1	2734835	2849858	2843802	2809498	2.30	cps
Terbium	159-2	1473203	1475061	1440944	1463069	1.31	cps
Thallium	203-1	1500	1517	1333	1450	6.99	cps
Thallium	205-1	3659	3451	3442	3517	3.49	cps
Tin	118-1	17628	18705	18396	18243	3.04	cps
Titanium	47-1	1152483	1160674	1152332	1155163	0.41	cps
Uranium	238-1	33428	33787	32876	33364	1.37	cps
Vanadium	51-2	177547	178494	177071	177704	0.41	cps
Yttrium	89-1	5712096	5795483	5822418	5776666	1.00	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:38:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	693311	685115	686796	688407	0.63	cps
Zinc	66-2	87746	88450	88160	88119	0.40	cps
Zirconium	90-1	14533	15459	15175	15056	3.15	cps
Zirconium	91-1	3217	3317	3367	3300	2.31	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-03	Instrumnet Name :	P8
Client Sample ID :	MC0AS2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:41:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47808	44535	45896	46079	3.57	cps
Antimony	121-1	1759	2125	2392	2092	15.20	cps
Arsenic	75-2	170	193	199	187	8.17	cps
Barium	135-1	26501	26276	25567	26115	1.87	cps
Barium	137-1	44816	45025	45937	45259	1.32	cps
Beryllium	9-1	254	218	234	235	7.66	cps
Bismuth	209-1	1531668	1545275	1547608	1541517	0.56	cps
Bismuth	209-2	1028518	941584	968430	979511	4.54	cps
Boron	11-1	3872	3916	3996	3928	1.60	cps
Boron	10-1	872	810	832	838	3.75	cps
Bromine	81-1	2383	2663	2803	2616	8.18	cps
Cadmium	106-1	1092	875	1075	1014	11.89	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Cadmium	111-1	976	788	928	898	10.86	cps
Calcium	43-1	27051	27335	27494	27293	0.82	cps
Calcium	44-1	456386	463037	470272	463232	1.50	cps
Chromium	52-2	10858	10340	10684	10627	2.48	cps
Cobalt	59-2	5304	4731	5061	5032	5.72	cps
Copper	63-2	19070	17451	17698	18073	4.83	cps
Dysprosium	156-1	3467	3284	3476	3409	3.18	cps
Dysprosium	156-2	2004	1657	1837	1832	9.46	cps
Erbium	164-1	3267	3426	3050	3248	5.80	cps
Erbium	164-2	1790	1680	1653	1708	4.24	cps
Gadolinium	160-1	3767	3801	3542	3703	3.80	cps
Gadolinium	160-2	2127	1944	2100	2057	4.82	cps
Holmium	165-1	2591863	2541174	2522568	2551868	1.41	cps
Holmium	165-2	1409891	1288204	1343469	1347188	4.52	cps
Indium	115-1	2419195	2449132	2452906	2440411	0.76	cps
Indium	115-2	426240	385466	407124	406277	5.02	cps
Iron	54-2	210376	198972	197450	202266	3.49	cps
Iron	56-2	3885681	3670085	3702737	3752834	3.10	cps
Iron	57-2	97464	88713	90451	92209	5.02	cps
Krypton	83-1	730	727	600	686	10.81	cps
Lead	207-1	31388	31934	31789	31704	0.89	cps
Lead	208-1	145799	148645	148616	147687	1.11	cps
Lead	206-1	37075	37716	38112	37634	1.39	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-03	Instrumnet Name :	P8
Client Sample ID :	MC0AS2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:41:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	893978	905351	901829	900386	0.65	cps
Magnesium	24-2	106940	99035	102770	102915	3.84	cps
Manganese	55-2	22691	21042	20969	21568	4.52	cps
Molybdenum	94-1	917	1017	825	920	10.43	cps
Molybdenum	95-1	533	592	717	614	15.26	cps
Molybdenum	96-1	983	642	833	819	20.90	cps
Molybdenum	97-1	450	383	408	414	8.14	cps
Molybdenum	98-1	1342	1067	1000	1136	15.94	cps
Neodymium	150-1	5048	5168	5375	5197	3.18	cps
Neodymium	150-2	2134	1877	2084	2031	6.70	cps
Nickel	60-2	2747	2520	2694	2654	4.47	cps
Phosphorus	31-2	400	408	350	386	8.17	cps
Potassium	39-2	45196	42296	43458	43650	3.34	cps
Rhodium	103-1	2439072	2405901	2378172	2407715	1.27	cps
Rhodium	103-2	1273370	1149235	1189931	1204179	5.26	cps
Scandium	45-1	1787365	1788156	1788929	1788150	0.04	cps
Scandium	45-2	56122	51505	52703	53443	4.48	cps
Selenium	77-2	0	20	7	9	114.55	cps
Selenium	78-2	22	27	19	23	17.83	cps
Selenium	82-1	-40	-62	42	-20	-272.99	cps
Silicon	28-1	2303360	2385395	2333459	2340738	1.77	cps
Silver	109-1	442	558	642	547	18.36	cps
Silver	107-1	558	558	633	583	7.42	cps
Sodium	23-2	47871	48122	47386	47793	0.78	cps
Strontium	86-1	7602	8511	9045	8386	8.70	cps
Strontium	88-1	61670	61771	61611	61684	0.13	cps
Sulfur	34-1	464666	464422	460297	463128	0.53	cps
Terbium	159-1	2685913	2716467	2705629	2702670	0.57	cps
Terbium	159-2	1409724	1289137	1329387	1342749	4.57	cps
Thallium	203-1	183	225	158	189	17.83	cps
Thallium	205-1	483	400	367	417	14.42	cps
Tin	118-1	2109	1875	1909	1964	6.43	cps
Titanium	47-1	103203	101877	104286	103122	1.17	cps
Uranium	238-1	2634	2934	2834	2800	5.46	cps
Vanadium	51-2	12943	12112	12222	12425	3.63	cps
Yttrium	89-1	4759090	4716552	4724167	4733270	0.48	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-03	Instrumnet Name :	P8
Client Sample ID :	MC0AS2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:41:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	563292	507087	534793	535057	5.25	cps
Zinc	66-2	12943	11737	12393	12358	4.88	cps
Zirconium	90-1	1667	1708	1542	1639	5.29	cps
Zirconium	91-1	425	292	358	358	18.60	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-04	Instrumnet Name :	P8
Client Sample ID :	MC0AS3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:44:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467322	463757	464133	465070	0.42	cps
Antimony	121-1	2900	2734	2859	2831	3.07	cps
Arsenic	75-2	1741	1824	1806	1791	2.44	cps
Barium	135-1	243515	246047	252060	247207	1.78	cps
Barium	137-1	429302	442313	438907	436841	1.54	cps
Beryllium	9-1	2348	2376	2336	2353	0.87	cps
Bismuth	209-1	1556014	1493296	1524556	1524622	2.06	cps
Bismuth	209-2	1039844	1029245	1034504	1034531	0.51	cps
Boron	11-1	4056	4508	4670	4411	7.21	cps
Boron	10-1	866	874	1024	921	9.66	cps
Bromine	81-1	5807	5627	5467	5634	3.02	cps
Cadmium	106-1	1450	1367	1225	1347	8.44	cps
Cadmium	108-1	63	25	67	51	44.66	cps
Cadmium	111-1	1746	1802	1515	1688	9.01	cps
Calcium	43-1	47404	47412	49067	47961	2.00	cps
Calcium	44-1	794480	786986	799313	793593	0.78	cps
Chromium	52-2	83860	82918	83341	83373	0.57	cps
Cobalt	59-2	34017	33974	34224	34072	0.39	cps
Copper	63-2	120623	119346	119860	119943	0.54	cps
Dysprosium	156-1	32674	33810	32941	33142	1.79	cps
Dysprosium	156-2	18226	18206	17795	18076	1.34	cps
Erbium	164-1	32515	33927	33626	33356	2.23	cps
Erbium	164-2	17505	17508	17622	17545	0.38	cps
Gadolinium	160-1	34679	34671	34161	34504	0.86	cps
Gadolinium	160-2	21574	21030	21290	21298	1.28	cps
Holmium	165-1	2594749	2487437	2547411	2543199	2.11	cps
Holmium	165-2	1448991	1434353	1440620	1441321	0.51	cps
Indium	115-1	2441781	2345906	2463317	2417001	2.59	cps
Indium	115-2	429617	431084	431978	430893	0.28	cps
Iron	54-2	2488955	2455820	2516845	2487207	1.23	cps
Iron	56-2	45475955	45303055	45300551	45359854	0.22	cps
Iron	57-2	1133579	1121607	1129003	1128063	0.54	cps
Krypton	83-1	763	727	760	750	2.70	cps
Lead	207-1	261631	262082	262164	261959	0.11	cps
Lead	208-1	1218139	1226557	1220991	1221896	0.35	cps
Lead	206-1	313411	317457	316042	315636	0.65	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-04	Instrumnet Name :	P8
Client Sample ID :	MC0AS3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:44:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	948854	874940	904618	909471	4.09	cps
Magnesium	24-2	352721	347712	349012	349815	0.74	cps
Manganese	55-2	226060	225070	226882	226004	0.40	cps
Molybdenum	94-1	6985	7452	7469	7302	3.76	cps
Molybdenum	95-1	4042	4201	4042	4095	2.23	cps
Molybdenum	96-1	5218	5376	4809	5134	5.70	cps
Molybdenum	97-1	2067	2559	2284	2303	10.70	cps
Molybdenum	98-1	6035	6518	6010	6188	4.63	cps
Neodymium	150-1	51726	52081	51847	51885	0.35	cps
Neodymium	150-2	20639	20519	20145	20435	1.26	cps
Nickel	60-2	18649	18289	18472	18470	0.98	cps
Phosphorus	31-2	3942	3667	3584	3731	5.03	cps
Potassium	39-2	147152	143954	146336	145814	1.14	cps
Rhodium	103-1	2380244	2313397	2393540	2362394	1.82	cps
Rhodium	103-2	1267171	1272458	1272207	1270612	0.23	cps
Scandium	45-1	1854096	1780523	1796360	1810326	2.14	cps
Scandium	45-2	59482	58073	59847	59134	1.58	cps
Selenium	77-2	127	93	100	107	16.54	cps
Selenium	78-2	80	76	75	77	3.44	cps
Selenium	82-1	54	94	105	85	32.04	cps
Silicon	28-1	6262426	6378680	6257703	6299603	1.09	cps
Silver	109-1	1175	1458	1458	1364	11.99	cps
Silver	107-1	1175	1600	1550	1442	16.11	cps
Sodium	23-2	160669	161091	162221	161327	0.50	cps
Strontium	86-1	26576	26826	27219	26874	1.21	cps
Strontium	88-1	223798	226179	226734	225570	0.69	cps
Sulfur	34-1	561916	557652	556701	558756	0.50	cps
Terbium	159-1	2756114	2614994	2688340	2686482	2.63	cps
Terbium	159-2	1439647	1436517	1444614	1440259	0.28	cps
Thallium	203-1	742	775	725	747	3.41	cps
Thallium	205-1	1675	1909	1717	1767	7.04	cps
Tin	118-1	12806	12781	12948	12845	0.70	cps
Titanium	47-1	503614	503689	509709	505671	0.69	cps
Uranium	238-1	21677	22930	22880	22495	3.15	cps
Vanadium	51-2	124546	124143	124929	124539	0.32	cps
Yttrium	89-1	5283099	4964862	5228011	5158657	3.30	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-04	Instrumnet Name :	P8
Client Sample ID :	MC0AS3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:44:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	626859	630582	622915	626786	0.61	cps
Zinc	66-2	64474	63547	64351	64124	0.78	cps
Zirconium	90-1	13373	13632	12322	13109	5.29	cps
Zirconium	91-1	2642	3034	3225	2967	10.02	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-05	Instrumnet Name :	P8
Client Sample ID :	MC0AS4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:47:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54763	54502	54990	54751	0.45	cps
Antimony	121-1	2625	2975	2825	2809	6.25	cps
Arsenic	75-2	191	239	274	235	17.76	cps
Barium	135-1	30552	31028	30385	30655	1.09	cps
Barium	137-1	54351	54184	52879	53805	1.50	cps
Beryllium	9-1	292	276	260	276	5.80	cps
Bismuth	209-1	1563273	1546322	1553675	1554423	0.55	cps
Bismuth	209-2	1023117	1026997	1029556	1026557	0.32	cps
Boron	11-1	3370	3428	3484	3427	1.66	cps
Boron	10-1	790	710	750	750	5.33	cps
Bromine	81-1	2993	3094	2773	2953	5.55	cps
Cadmium	106-1	1100	1142	1192	1145	4.01	cps
Cadmium	108-1	38	25	38	33	21.65	cps
Cadmium	111-1	1031	1136	1075	1081	4.86	cps
Calcium	43-1	41427	42647	42221	42098	1.47	cps
Calcium	44-1	718286	714924	703804	712338	1.06	cps
Chromium	52-2	13436	13657	13840	13644	1.48	cps
Cobalt	59-2	5578	5781	5514	5624	2.48	cps
Copper	63-2	25737	25957	25646	25780	0.62	cps
Dysprosium	156-1	3859	4059	3892	3937	2.72	cps
Dysprosium	156-2	2234	2074	2220	2176	4.08	cps
Erbium	164-1	3567	4301	4126	3998	9.58	cps
Erbium	164-2	2130	2260	2137	2176	3.37	cps
Gadolinium	160-1	4017	3817	4251	4028	5.39	cps
Gadolinium	160-2	2410	2514	2590	2505	3.61	cps
Holmium	165-1	2566526	2587159	2568320	2574002	0.44	cps
Holmium	165-2	1422895	1422760	1420474	1422043	0.10	cps
Indium	115-1	2494474	2509716	2474878	2493023	0.70	cps
Indium	115-2	426419	431879	423655	427318	0.98	cps
Iron	54-2	251952	248794	250950	250565	0.64	cps
Iron	56-2	4719536	4590952	4659464	4656651	1.38	cps
Iron	57-2	116662	114769	115855	115762	0.82	cps
Krypton	83-1	777	653	767	732	9.36	cps
Lead	207-1	38396	38351	38045	38264	0.50	cps
Lead	208-1	180626	177829	180265	179573	0.85	cps
Lead	206-1	45954	45892	47314	46387	1.73	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-05	Instrumnet Name :	P8
Client Sample ID :	MC0AS4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:47:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	935229	920378	939702	931769	1.09	cps
Magnesium	24-2	159777	158354	154683	157605	1.67	cps
Manganese	55-2	30813	30953	30643	30803	0.51	cps
Molybdenum	94-1	1150	1300	1167	1206	6.82	cps
Molybdenum	95-1	942	967	983	964	2.18	cps
Molybdenum	96-1	1092	1033	983	1036	5.23	cps
Molybdenum	97-1	558	567	508	544	5.79	cps
Molybdenum	98-1	1292	1158	1267	1239	5.72	cps
Neodymium	150-1	5861	6255	6081	6066	3.25	cps
Neodymium	150-2	2437	2384	2364	2395	1.58	cps
Nickel	60-2	3567	3554	3304	3475	4.27	cps
Phosphorus	31-2	492	492	492	492	0.00	cps
Potassium	39-2	45932	44762	44970	45221	1.38	cps
Rhodium	103-1	2469766	2437741	2433057	2446855	0.82	cps
Rhodium	103-2	1266267	1274627	1263197	1268031	0.47	cps
Scandium	45-1	1822701	1786449	1788430	1799194	1.13	cps
Scandium	45-2	57963	57340	56491	57265	1.29	cps
Selenium	77-2	7	20	3	10	88.20	cps
Selenium	78-2	30	36	38	35	12.01	cps
Selenium	82-1	-83	40	-26	-23	-271.15	cps
Silicon	28-1	2551249	2572781	2586859	2570297	0.70	cps
Silver	109-1	542	700	600	614	13.04	cps
Silver	107-1	767	650	658	692	9.41	cps
Sodium	23-2	55774	55857	54862	55498	1.00	cps
Strontium	86-1	11088	11380	11130	11199	1.41	cps
Strontium	88-1	88110	88815	90107	89011	1.14	cps
Sulfur	34-1	468630	464853	468344	467276	0.45	cps
Terbium	159-1	2772666	2713250	2720546	2735487	1.18	cps
Terbium	159-2	1420885	1419734	1413945	1418188	0.26	cps
Thallium	203-1	142	142	183	156	15.47	cps
Thallium	205-1	383	467	317	389	19.33	cps
Tin	118-1	2575	2525	2900	2667	7.64	cps
Titanium	47-1	117335	116631	117377	117114	0.36	cps
Uranium	238-1	3359	3667	3217	3414	6.74	cps
Vanadium	51-2	15282	15228	15075	15195	0.71	cps
Yttrium	89-1	4859378	4798591	4832427	4830132	0.63	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-05	Instrumnet Name :	P8
Client Sample ID :	MC0AS4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:47:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	568328	564097	567884	566770	0.41	cps
Zinc	66-2	16122	16333	16273	16243	0.67	cps
Zirconium	90-1	1809	2109	2259	2059	11.13	cps
Zirconium	91-1	458	492	408	453	9.26	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-06	Instrumnet Name :	P8
Client Sample ID :	MC0AS5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:50:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5981	5798	5935	5905	1.62	cps
Antimony	121-1	683	775	975	811	18.39	cps
Arsenic	75-2	67	66	60	64	5.88	cps
Barium	135-1	5101	5326	5618	5348	4.85	cps
Barium	137-1	9187	9779	8987	9317	4.42	cps
Beryllium	9-1	88	70	82	80	11.45	cps
Bismuth	209-1	1511242	1507310	1550356	1522969	1.56	cps
Bismuth	209-2	920424	969774	989775	959991	3.72	cps
Boron	11-1	2168	2244	2262	2224	2.24	cps
Boron	10-1	530	478	446	485	8.75	cps
Bromine	81-1	2112	2293	2303	2236	4.79	cps
Cadmium	106-1	1033	1142	1025	1067	6.10	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Cadmium	111-1	760	843	772	792	5.68	cps
Calcium	43-1	6727	6018	6243	6329	5.72	cps
Calcium	44-1	122056	122006	120242	121435	0.85	cps
Chromium	52-2	3921	3864	3777	3854	1.87	cps
Cobalt	59-2	1083	893	940	972	10.18	cps
Copper	63-2	4037	4061	3917	4005	1.92	cps
Dysprosium	156-1	2925	2984	3359	3089	7.61	cps
Dysprosium	156-2	1827	1860	1887	1858	1.62	cps
Erbium	164-1	3025	2867	3384	3092	8.56	cps
Erbium	164-2	1523	1443	1563	1510	4.05	cps
Gadolinium	160-1	3659	3801	3576	3678	3.09	cps
Gadolinium	160-2	2094	2094	2104	2097	0.28	cps
Holmium	165-1	2515839	2542968	2546556	2535121	0.66	cps
Holmium	165-2	1273694	1346331	1389261	1336428	4.37	cps
Indium	115-1	2389127	2392222	2446267	2409206	1.33	cps
Indium	115-2	379530	402054	415894	399160	4.60	cps
Iron	54-2	80849	80760	81140	80917	0.25	cps
Iron	56-2	1513213	1501962	1497451	1504209	0.54	cps
Iron	57-2	36675	36998	36642	36772	0.54	cps
Krypton	83-1	720	697	717	711	1.77	cps
Lead	207-1	10249	10004	10076	10110	1.24	cps
Lead	208-1	46144	45031	47190	46121	2.34	cps
Lead	206-1	11511	11756	12567	11945	4.63	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-06	Instrumnet Name :	P8
Client Sample ID :	MC0AS5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:50:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	902427	905819	923954	910733	1.27	cps
Magnesium	24-2	14349	14007	13306	13887	3.83	cps
Manganese	55-2	16750	17060	17120	16977	1.17	cps
Molybdenum	94-1	767	658	733	719	7.71	cps
Molybdenum	95-1	175	142	167	161	10.77	cps
Molybdenum	96-1	308	300	250	286	11.03	cps
Molybdenum	97-1	117	133	50	100	44.10	cps
Molybdenum	98-1	208	142	333	228	42.72	cps
Neodymium	150-1	4608	4581	4621	4603	0.44	cps
Neodymium	150-2	1927	1967	1897	1930	1.82	cps
Nickel	60-2	463	460	383	436	10.39	cps
Phosphorus	31-2	467	308	300	358	26.21	cps
Potassium	39-2	22468	22676	23177	22774	1.60	cps
Rhodium	103-1	2383664	2403441	2378964	2388690	0.54	cps
Rhodium	103-2	1147839	1210667	1238457	1198988	3.87	cps
Scandium	45-1	1740690	1772660	1803039	1772130	1.76	cps
Scandium	45-2	50761	54272	54938	53324	4.21	cps
Selenium	77-2	7	17	13	12	41.65	cps
Selenium	78-2	32	31	31	31	1.84	cps
Selenium	82-1	-11	-9	-8	-9	-18.11	cps
Silicon	28-1	1036404	1024718	1011618	1024247	1.21	cps
Silver	109-1	425	583	550	519	16.07	cps
Silver	107-1	425	458	517	467	9.94	cps
Sodium	23-2	40757	40632	40991	40794	0.45	cps
Strontium	86-1	3509	3159	3084	3250	6.98	cps
Strontium	88-1	18621	18396	18955	18657	1.51	cps
Sulfur	34-1	446287	447199	441023	444836	0.75	cps
Terbium	159-1	2661705	2682768	2719216	2687896	1.08	cps
Terbium	159-2	1263921	1340902	1379533	1328119	4.43	cps
Thallium	203-1	92	50	108	83	36.06	cps
Thallium	205-1	158	133	83	125	30.55	cps
Tin	118-1	958	1042	800	933	13.15	cps
Titanium	47-1	10988	11463	10654	11035	3.68	cps
Uranium	238-1	1108	1017	967	1031	6.97	cps
Vanadium	51-2	7796	7996	8006	7932	1.49	cps
Yttrium	89-1	4731554	4755518	4834895	4773989	1.13	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-06	Instrumnet Name :	P8
Client Sample ID :	MC0AS5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:50:07	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	507350	539905	550552	532602	4.23	cps
Zinc	66-2	3904	4064	3970	3979	2.02	cps
Zirconium	90-1	1992	1717	1625	1778	10.73	cps
Zirconium	91-1	450	350	400	400	12.50	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : L2090-07 Instrumnet Name : P8
 Client Sample ID : MC0AS6 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 13:52:55 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290823	284772	288836	288144	1.07	cps
Antimony	121-1	5134	5259	4843	5079	4.21	cps
Arsenic	75-2	953	1018	967	979	3.49	cps
Barium	135-1	155451	156008	156346	155935	0.29	cps
Barium	137-1	272071	272802	268381	271085	0.87	cps
Beryllium	9-1	1248	1294	1266	1269	1.83	cps
Bismuth	209-1	1571090	1578515	1582905	1577504	0.38	cps
Bismuth	209-2	1007270	1021308	1038250	1022276	1.52	cps
Boron	11-1	3590	3954	4154	3899	7.33	cps
Boron	10-1	708	788	884	793	11.11	cps
Bromine	81-1	5607	5947	5777	5777	2.95	cps
Cadmium	106-1	1392	1400	1383	1392	0.60	cps
Cadmium	108-1	154	117	154	142	15.28	cps
Cadmium	111-1	2037	2153	2011	2067	3.65	cps
Calcium	43-1	86326	88422	88790	87846	1.51	cps
Calcium	44-1	1440736	1437898	1432601	1437078	0.29	cps
Chromium	52-2	50686	50709	50974	50790	0.31	cps
Cobalt	59-2	26752	26408	26511	26557	0.66	cps
Copper	63-2	137737	136459	136859	137018	0.48	cps
Dysprosium	156-1	19556	19114	19289	19320	1.15	cps
Dysprosium	156-2	10367	10191	10014	10191	1.73	cps
Erbium	164-1	19231	18981	19598	19270	1.61	cps
Erbium	164-2	10030	10191	10094	10105	0.80	cps
Gadolinium	160-1	19840	19782	20416	20013	1.75	cps
Gadolinium	160-2	12062	11972	12096	12043	0.53	cps
Holmium	165-1	2636159	2607272	2638653	2627361	0.66	cps
Holmium	165-2	1415431	1431833	1445659	1430974	1.06	cps
Indium	115-1	2469377	2511382	2487030	2489263	0.85	cps
Indium	115-2	421314	423161	430829	425101	1.19	cps
Iron	54-2	1264441	1247067	1270377	1260628	0.96	cps
Iron	56-2	23538026	23324114	23653853	23505331	0.71	cps
Iron	57-2	577724	574819	576203	576249	0.25	cps
Krypton	83-1	710	760	717	729	3.72	cps
Lead	207-1	189907	189638	190419	189988	0.21	cps
Lead	208-1	880402	880052	879501	879985	0.05	cps
Lead	206-1	224686	225072	225689	225149	0.22	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-07	Instrumnet Name :	P8
Client Sample ID :	MC0AS6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:52:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	952435	940995	969952	954461	1.53	cps
Magnesium	24-2	330691	322554	319839	324362	1.74	cps
Manganese	55-2	145527	143200	146257	144995	1.10	cps
Molybdenum	94-1	4651	4768	4568	4662	2.16	cps
Molybdenum	95-1	3125	3642	3434	3401	7.65	cps
Molybdenum	96-1	4501	3976	4276	4251	6.20	cps
Molybdenum	97-1	2025	2059	1892	1992	4.43	cps
Molybdenum	98-1	5951	5318	5701	5657	5.64	cps
Neodymium	150-1	29493	30394	28871	29586	2.59	cps
Neodymium	150-2	11839	11488	11432	11586	1.90	cps
Nickel	60-2	14574	14905	14985	14821	1.47	cps
Phosphorus	31-2	1333	1817	1367	1506	17.93	cps
Potassium	39-2	108054	106500	106433	106996	0.86	cps
Rhodium	103-1	2458815	2469277	2445844	2457979	0.48	cps
Rhodium	103-2	1254945	1267889	1281674	1268170	1.05	cps
Scandium	45-1	1801064	1840786	1827610	1823153	1.11	cps
Scandium	45-2	56571	57491	58689	57584	1.84	cps
Selenium	77-2	43	30	40	38	18.36	cps
Selenium	78-2	69	66	57	64	9.76	cps
Selenium	82-1	112	10	70	64	79.79	cps
Silicon	28-1	7141111	6661322	6844479	6882304	3.52	cps
Silver	109-1	1283	1192	1275	1250	4.06	cps
Silver	107-1	933	1200	1258	1131	15.33	cps
Sodium	23-2	139556	135567	138856	137993	1.54	cps
Strontium	86-1	38788	40142	39089	39339	1.81	cps
Strontium	88-1	335901	336933	333706	335513	0.49	cps
Sulfur	34-1	594832	599856	595096	596595	0.47	cps
Terbium	159-1	2756635	2773709	2783702	2771349	0.49	cps
Terbium	159-2	1415709	1409010	1435405	1420041	0.97	cps
Thallium	203-1	583	567	442	531	14.59	cps
Thallium	205-1	1042	1325	1250	1206	12.18	cps
Tin	118-1	13490	14274	14133	13966	2.99	cps
Titanium	47-1	395472	397782	395220	396158	0.36	cps
Uranium	238-1	16035	15552	14751	15446	4.20	cps
Vanadium	51-2	72395	71564	72505	72155	0.71	cps
Yttrium	89-1	5092313	5183736	5106081	5127376	0.96	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-07	Instrumnet Name :	P8
Client Sample ID :	MC0AS6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:52:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	593142	596171	601486	596933	0.71	cps
Zinc	66-2	77846	78462	77629	77979	0.55	cps
Zirconium	90-1	7444	7285	7135	7288	2.12	cps
Zirconium	91-1	1458	1692	1825	1658	11.19	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08	Instrumnet Name :	P8
Client Sample ID :	MC0AS7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:55:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6455	6545	6398	6466	1.14	cps
Antimony	121-1	683	775	833	764	9.90	cps
Arsenic	75-2	28	43	26	32	28.74	cps
Barium	135-1	4526	5093	4693	4770	6.11	cps
Barium	137-1	8378	8553	8728	8553	2.05	cps
Beryllium	9-1	60	58	68	62	8.54	cps
Bismuth	209-1	1520052	1454618	1523998	1499556	2.60	cps
Bismuth	209-2	1010148	999930	995688	1001922	0.74	cps
Boron	11-1	1812	1978	1772	1854	5.89	cps
Boron	10-1	448	410	412	423	5.05	cps
Bromine	81-1	2263	2022	2142	2142	5.61	cps
Cadmium	106-1	1117	975	933	1008	9.53	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Cadmium	111-1	835	717	699	750	9.90	cps
Calcium	43-1	4576	4859	4551	4662	3.67	cps
Calcium	44-1	91994	90484	91976	91485	0.95	cps
Chromium	52-2	2484	2474	2534	2497	1.29	cps
Cobalt	59-2	940	1000	997	979	3.44	cps
Copper	63-2	5291	5514	5418	5408	2.07	cps
Dysprosium	156-1	583	667	442	564	20.17	cps
Dysprosium	156-2	357	323	267	316	14.42	cps
Erbium	164-1	508	642	542	564	12.31	cps
Erbium	164-2	320	277	277	291	8.60	cps
Gadolinium	160-1	683	392	633	569	27.39	cps
Gadolinium	160-2	423	393	383	400	5.21	cps
Holmium	165-1	2547166	2416763	2559672	2507867	3.16	cps
Holmium	165-2	1404010	1386306	1381691	1390669	0.85	cps
Indium	115-1	2413756	2292297	2425411	2377155	3.10	cps
Indium	115-2	418046	417737	420581	418788	0.37	cps
Iron	54-2	33840	33718	33128	33562	1.14	cps
Iron	56-2	612397	611691	613499	612529	0.15	cps
Iron	57-2	15253	15892	15025	15390	2.92	cps
Krypton	83-1	710	567	637	638	11.24	cps
Lead	207-1	8136	7447	8308	7964	5.73	cps
Lead	208-1	37572	36972	37260	37268	0.81	cps
Lead	206-1	9615	9570	9593	9593	0.23	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08	Instrumnet Name :	P8
Client Sample ID :	MC0AS7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:55:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	912647	878597	911912	901052	2.16	cps
Magnesium	24-2	5968	5768	5818	5851	1.78	cps
Manganese	55-2	10471	10778	10644	10631	1.45	cps
Molybdenum	94-1	367	317	417	367	13.64	cps
Molybdenum	95-1	125	283	175	194	41.63	cps
Molybdenum	96-1	308	325	225	286	18.73	cps
Molybdenum	97-1	117	125	150	131	13.29	cps
Molybdenum	98-1	200	292	233	242	19.20	cps
Neodymium	150-1	987	947	1100	1011	7.87	cps
Neodymium	150-2	417	420	443	427	3.40	cps
Nickel	60-2	450	537	450	479	10.45	cps
Phosphorus	31-2	250	292	358	300	18.22	cps
Potassium	39-2	22359	21959	22009	22109	0.99	cps
Rhodium	103-1	2392222	2289914	2404789	2362308	2.67	cps
Rhodium	103-2	1247768	1254372	1248637	1250259	0.29	cps
Scandium	45-1	1780016	1666966	1762202	1736394	3.50	cps
Scandium	45-2	55440	56330	55878	55882	0.80	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	32	38	28	33	15.41	cps
Selenium	82-1	-80	98	10	9	974.07	cps
Silicon	28-1	1014877	1021176	1021083	1019045	0.35	cps
Silver	109-1	308	458	333	367	21.92	cps
Silver	107-1	358	417	600	458	27.51	cps
Sodium	23-2	40190	39337	41393	40306	2.56	cps
Strontium	86-1	3017	3576	3100	3231	9.32	cps
Strontium	88-1	18454	19088	19247	18930	2.22	cps
Sulfur	34-1	442737	445222	445539	444500	0.35	cps
Terbium	159-1	2676424	2561760	2692186	2643456	2.69	cps
Terbium	159-2	1400912	1385670	1384719	1390434	0.65	cps
Thallium	203-1	50	50	75	58	24.74	cps
Thallium	205-1	133	175	100	136	27.61	cps
Tin	118-1	792	742	1008	847	16.73	cps
Titanium	47-1	11021	12439	11688	11716	6.05	cps
Uranium	238-1	242	300	267	269	10.86	cps
Vanadium	51-2	1290	1330	1250	1290	3.10	cps
Yttrium	89-1	4609120	4473779	4663559	4582153	2.13	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08	Instrumnet Name :	P8
Client Sample ID :	MC0AS7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:55:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	550970	549736	554231	551646	0.42	cps
Zinc	66-2	3023	3099	3222	3115	3.23	cps
Zirconium	90-1	733	717	775	742	4.05	cps
Zirconium	91-1	142	183	133	153	17.53	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-09	Instrumnet Name :	P8
Client Sample ID :	MC0AS7D	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:58:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6652	6562	6535	6583	0.93	cps
Antimony	121-1	700	833	883	806	11.77	cps
Arsenic	75-2	34	43	36	38	12.55	cps
Barium	135-1	5018	5468	5326	5271	4.37	cps
Barium	137-1	8786	8795	8895	8825	0.68	cps
Beryllium	9-1	54	48	86	63	32.60	cps
Bismuth	209-1	1523496	1503368	1523154	1516672	0.76	cps
Bismuth	209-2	999405	917273	1004339	973672	5.02	cps
Boron	11-1	1644	1644	1748	1678	3.58	cps
Boron	10-1	368	380	288	345	14.48	cps
Bromine	81-1	2192	2032	2102	2109	3.81	cps
Cadmium	106-1	983	1292	1108	1128	13.75	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Cadmium	111-1	710	922	817	816	12.99	cps
Calcium	43-1	4709	4876	4501	4695	4.00	cps
Calcium	44-1	93721	93780	94166	93889	0.26	cps
Chromium	52-2	2570	2450	2544	2521	2.50	cps
Cobalt	59-2	957	877	943	926	4.63	cps
Copper	63-2	5011	5208	5101	5107	1.93	cps
Dysprosium	156-1	617	675	633	642	4.68	cps
Dysprosium	156-2	337	323	287	316	8.21	cps
Erbium	164-1	625	650	558	611	7.75	cps
Erbium	164-2	287	247	307	280	10.91	cps
Gadolinium	160-1	592	483	567	547	10.37	cps
Gadolinium	160-2	327	417	410	384	13.05	cps
Holmium	165-1	2531036	2513040	2519930	2521336	0.36	cps
Holmium	165-2	1387421	1260897	1398285	1348868	5.66	cps
Indium	115-1	2406456	2386284	2448738	2413826	1.32	cps
Indium	115-2	420639	379195	421337	407057	5.93	cps
Iron	54-2	34548	34581	34798	34642	0.39	cps
Iron	56-2	624957	622492	629877	625775	0.60	cps
Iron	57-2	15692	15470	15926	15696	1.45	cps
Krypton	83-1	703	667	657	676	3.64	cps
Lead	207-1	7786	8058	7875	7906	1.76	cps
Lead	208-1	35664	36671	35897	36077	1.46	cps
Lead	206-1	9098	9398	9515	9337	2.30	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-09	Instrumnet Name :	P8
Client Sample ID :	MC0AS7D	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:58:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	936413	930681	925403	930832	0.59	cps
Magnesium	24-2	5785	5543	6101	5810	4.82	cps
Manganese	55-2	11101	10891	11164	11052	1.30	cps
Molybdenum	94-1	375	233	350	319	23.67	cps
Molybdenum	95-1	150	183	167	167	10.00	cps
Molybdenum	96-1	358	242	192	264	32.41	cps
Molybdenum	97-1	183	100	117	133	33.07	cps
Molybdenum	98-1	258	167	217	214	21.46	cps
Neodymium	150-1	1040	920	893	951	8.22	cps
Neodymium	150-2	390	463	383	412	10.77	cps
Nickel	60-2	523	487	430	480	9.80	cps
Phosphorus	31-2	300	283	267	283	5.88	cps
Potassium	39-2	21241	22551	22393	22062	3.24	cps
Rhodium	103-1	2385230	2397562	2372798	2385197	0.52	cps
Rhodium	103-2	1252083	1133941	1247960	1211328	5.54	cps
Scandium	45-1	1752695	1757886	1753477	1754686	0.16	cps
Scandium	45-2	54911	49529	55517	53319	6.18	cps
Selenium	77-2	0	13	13	9	86.60	cps
Selenium	78-2	28	33	18	26	29.00	cps
Selenium	82-1	-28	-54	38	-15	-326.03	cps
Silicon	28-1	1009733	1042793	1019641	1024056	1.66	cps
Silver	109-1	325	350	300	325	7.69	cps
Silver	107-1	517	492	417	475	10.96	cps
Sodium	23-2	40014	39838	40891	40248	1.40	cps
Strontium	86-1	3050	3409	3150	3203	5.77	cps
Strontium	88-1	20123	20340	20315	20260	0.59	cps
Sulfur	34-1	447982	447669	444302	446651	0.46	cps
Terbium	159-1	2702089	2642600	2673944	2672877	1.11	cps
Terbium	159-2	1399755	1261565	1390657	1350659	5.72	cps
Thallium	203-1	67	42	58	56	22.91	cps
Thallium	205-1	150	125	133	136	9.35	cps
Tin	118-1	808	800	892	833	6.08	cps
Titanium	47-1	11914	12406	11755	12025	2.82	cps
Uranium	238-1	425	392	350	389	9.66	cps
Vanadium	51-2	1187	1190	1210	1196	1.06	cps
Yttrium	89-1	4733372	4666481	4582218	4660690	1.63	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-09	Instrumnet Name :	P8
Client Sample ID :	MC0AS7D	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 13:58:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	551185	496771	550921	532959	5.88	cps
Zinc	66-2	3009	3141	2960	3036	3.08	cps
Zirconium	90-1	600	842	767	736	16.80	cps
Zirconium	91-1	142	183	75	133	40.99	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AS7L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-02 14:01:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1597	1407	1483	1496	6.39	cps
Antimony	121-1	150	117	192	153	24.60	cps
Arsenic	75-2	12	18	12	14	24.74	cps
Barium	135-1	975	792	1017	928	12.90	cps
Barium	137-1	1742	1675	1783	1733	3.15	cps
Beryllium	9-1	48	48	36	44	15.75	cps
Bismuth	209-1	1492618	1473550	1482584	1482917	0.64	cps
Bismuth	209-2	944450	943498	977969	955306	2.06	cps
Boron	11-1	1258	1264	1336	1286	3.38	cps
Boron	10-1	278	304	260	281	7.88	cps
Bromine	81-1	1682	1842	2012	1845	8.95	cps
Cadmium	106-1	850	933	942	908	5.58	cps
Cadmium	108-1	17	4	0	7	124.88	cps
Cadmium	111-1	596	675	672	648	6.93	cps
Calcium	43-1	1342	1292	1308	1314	1.94	cps
Calcium	44-1	37591	36464	36430	36828	1.79	cps
Chromium	52-2	1460	1183	1253	1299	11.08	cps
Cobalt	59-2	173	220	217	203	12.80	cps
Copper	63-2	1520	1580	1473	1525	3.51	cps
Dysprosium	156-1	117	133	125	125	6.67	cps
Dysprosium	156-2	50	77	63	63	21.06	cps
Erbium	164-1	92	133	125	117	18.90	cps
Erbium	164-2	57	67	47	57	17.65	cps
Gadolinium	160-1	108	150	192	150	27.78	cps
Gadolinium	160-2	90	67	107	88	22.89	cps
Holmium	165-1	2486325	2469387	2488011	2481241	0.42	cps
Holmium	165-2	1318070	1331894	1372243	1340735	2.10	cps
Indium	115-1	2378928	2330384	2447669	2385661	2.47	cps
Indium	115-2	390461	398561	412438	400487	2.78	cps
Iron	54-2	6913	6657	6757	6776	1.90	cps
Iron	56-2	123777	121552	122739	122689	0.91	cps
Iron	57-2	3417	3100	3184	3234	5.08	cps
Krypton	83-1	627	750	587	654	13.01	cps
Lead	207-1	1756	1795	1745	1765	1.49	cps
Lead	208-1	8329	8551	8273	8385	1.75	cps
Lead	206-1	2150	2272	2178	2200	2.91	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AS7L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-02 14:01:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	887993	880140	891760	886631	0.67	cps
Magnesium	24-2	1383	1258	1283	1308	5.06	cps
Manganese	55-2	2147	2200	2277	2208	2.96	cps
Molybdenum	94-1	92	92	108	97	9.90	cps
Molybdenum	95-1	58	67	50	58	14.29	cps
Molybdenum	96-1	92	108	150	117	25.76	cps
Molybdenum	97-1	25	25	33	28	17.31	cps
Molybdenum	98-1	50	75	142	89	53.31	cps
Neodymium	150-1	153	173	220	182	18.77	cps
Neodymium	150-2	100	77	87	88	13.33	cps
Nickel	60-2	157	163	193	171	11.41	cps
Phosphorus	31-2	258	233	233	242	5.97	cps
Potassium	39-2	18195	17544	18587	18109	2.91	cps
Rhodium	103-1	2348893	2355412	2345709	2350005	0.21	cps
Rhodium	103-2	1183030	1201319	1253125	1212491	3.00	cps
Scandium	45-1	1759464	1730836	1706450	1732250	1.53	cps
Scandium	45-2	54805	53004	55550	54453	2.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	31	24	30	18.56	cps
Selenium	82-1	-25	-65	76	-5	-1563.66	cps
Silicon	28-1	773910	761289	762794	765998	0.90	cps
Silver	109-1	217	133	142	164	28.00	cps
Silver	107-1	233	208	225	222	5.73	cps
Sodium	23-2	30900	29973	30357	30410	1.53	cps
Strontium	86-1	1533	1775	1483	1597	9.77	cps
Strontium	88-1	4009	3551	3967	3842	6.60	cps
Sulfur	34-1	448108	445782	453187	449025	0.84	cps
Terbium	159-1	2671374	2702143	2630055	2667857	1.36	cps
Terbium	159-2	1315169	1349890	1378510	1347856	2.35	cps
Thallium	203-1	33	25	33	31	15.74	cps
Thallium	205-1	125	58	58	81	47.78	cps
Tin	118-1	350	342	392	361	7.42	cps
Titanium	47-1	2667	2959	2684	2770	5.92	cps
Uranium	238-1	67	100	58	75	29.39	cps
Vanadium	51-2	267	227	233	242	8.85	cps
Yttrium	89-1	4612465	4536011	4591602	4580026	0.86	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-08LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AS7L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-02 14:01:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	521488	526541	540346	529458	1.84	cps
Zinc	66-2	757	857	717	777	9.27	cps
Zirconium	90-1	367	267	225	286	25.45	cps
Zirconium	91-1	67	92	67	75	19.24	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:04:12	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13226	12622	12953	12934	2.34	cps
Antimony	121-1	53932	53146	52560	53212	1.29	cps
Arsenic	75-2	916	909	916	914	0.44	cps
Barium	135-1	238423	237443	241049	238971	0.78	cps
Barium	137-1	417920	415139	413085	415381	0.58	cps
Beryllium	9-1	7076	7096	7342	7172	2.07	cps
Bismuth	209-1	1552232	1606190	1526661	1561695	2.60	cps
Bismuth	209-2	1011062	999734	1010002	1006933	0.62	cps
Boron	11-1	1266	1260	1186	1237	3.60	cps
Boron	10-1	282	244	260	262	7.28	cps
Bromine	81-1	2112	2363	2042	2172	7.75	cps
Cadmium	106-1	1650	1408	1442	1500	8.73	cps
Cadmium	108-1	488	504	488	493	1.95	cps
Cadmium	111-1	7466	7289	7803	7519	3.48	cps
Calcium	43-1	4959	4976	4826	4920	1.67	cps
Calcium	44-1	93957	93905	94074	93979	0.09	cps
Chromium	52-2	35384	36694	36259	36112	1.85	cps
Cobalt	59-2	156358	154027	156924	155769	0.99	cps
Copper	63-2	67040	67011	67339	67130	0.27	cps
Dysprosium	156-1	583	683	617	628	8.11	cps
Dysprosium	156-2	323	273	303	300	8.39	cps
Erbium	164-1	525	692	567	594	14.59	cps
Erbium	164-2	313	283	310	302	5.44	cps
Gadolinium	160-1	583	617	483	561	12.37	cps
Gadolinium	160-2	310	383	320	338	11.77	cps
Holmium	165-1	2536921	2672869	2545946	2585245	2.94	cps
Holmium	165-2	1412359	1388034	1393046	1397813	0.92	cps
Indium	115-1	2425007	2527781	2428695	2460495	2.37	cps
Indium	115-2	419431	414454	414485	416123	0.69	cps
Iron	54-2	40312	42580	42285	41726	2.95	cps
Iron	56-2	752223	763661	750495	755460	0.95	cps
Iron	57-2	19024	18690	18351	18688	1.80	cps
Krypton	83-1	657	817	683	719	11.92	cps
Lead	207-1	13657	13663	13546	13622	0.48	cps
Lead	208-1	62081	62815	61046	61981	1.43	cps
Lead	206-1	15554	16233	15064	15617	3.76	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:04:12	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	927735	958411	927674	937940	1.89	cps
Magnesium	24-2	5693	5460	5284	5479	3.74	cps
Manganese	55-2	48365	47643	48449	48152	0.92	cps
Molybdenum	94-1	333	325	308	322	3.95	cps
Molybdenum	95-1	167	242	142	183	28.39	cps
Molybdenum	96-1	308	300	333	314	5.53	cps
Molybdenum	97-1	67	92	142	100	38.19	cps
Molybdenum	98-1	275	217	250	247	11.84	cps
Neodymium	150-1	933	867	993	931	6.81	cps
Neodymium	150-2	433	390	363	396	8.93	cps
Nickel	60-2	43473	43436	43891	43600	0.58	cps
Phosphorus	31-2	350	325	317	331	5.25	cps
Potassium	39-2	21350	21082	21091	21174	0.72	cps
Rhodium	103-1	2420760	2489931	2388027	2432906	2.14	cps
Rhodium	103-2	1254969	1250061	1244599	1249876	0.42	cps
Scandium	45-1	1791534	1849155	1777677	1806122	2.10	cps
Scandium	45-2	55865	55674	55811	55783	0.18	cps
Selenium	77-2	23	40	40	34	27.94	cps
Selenium	78-2	139	146	149	145	3.55	cps
Selenium	82-1	922	761	845	843	9.57	cps
Silicon	28-1	1003084	1010835	1027237	1013719	1.22	cps
Silver	109-1	28380	28572	29365	28772	1.82	cps
Silver	107-1	29924	29925	30460	30103	1.03	cps
Sodium	23-2	37549	38318	38986	38284	1.88	cps
Strontium	86-1	3501	3467	3484	3484	0.48	cps
Strontium	88-1	20156	20006	19915	20026	0.61	cps
Sulfur	34-1	449387	451856	453863	451702	0.50	cps
Terbium	159-1	2719180	2846066	2753598	2772948	2.37	cps
Terbium	159-2	1415810	1391860	1395341	1401004	0.92	cps
Thallium	203-1	20049	19874	19348	19757	1.85	cps
Thallium	205-1	47245	47463	47412	47373	0.24	cps
Tin	118-1	833	608	767	736	15.70	cps
Titanium	47-1	11797	12156	11830	11927	1.66	cps
Uranium	238-1	375	408	317	367	12.65	cps
Vanadium	51-2	68154	67930	68449	68178	0.38	cps
Yttrium	89-1	4728778	4913979	4717396	4786718	2.31	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:04:12	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	552875	548159	545765	548933	0.66	cps
Zinc	66-2	16524	16419	16546	16496	0.41	cps
Zirconium	90-1	633	733	625	664	9.08	cps
Zirconium	91-1	150	125	183	153	19.16	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	2
Date & Time Acquired ::	2020-04-02 14:09:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405204	403026	403534	403921	0.28	cps
Antimony	121-1	1442	1400	1617	1486	7.74	cps
Arsenic	75-2	954	971	1000	975	2.39	cps
Barium	135-1	187841	192519	191025	190462	1.25	cps
Barium	137-1	334415	332709	337330	334818	0.70	cps
Beryllium	9-1	1914	2106	1910	1976	5.67	cps
Bismuth	209-1	1548357	1553585	1546415	1549452	0.24	cps
Bismuth	209-2	1018015	1011476	916519	982003	5.78	cps
Boron	11-1	1710	1958	2112	1926	10.53	cps
Boron	10-1	358	414	502	425	17.09	cps
Bromine	81-1	3955	4055	4225	4078	3.35	cps
Cadmium	106-1	1192	1258	1250	1233	2.95	cps
Cadmium	108-1	71	38	38	49	39.59	cps
Cadmium	111-1	1280	1363	1357	1334	3.45	cps
Calcium	43-1	43416	42430	44060	43302	1.90	cps
Calcium	44-1	723635	722446	726343	724142	0.28	cps
Chromium	52-2	69769	69994	67287	69017	2.18	cps
Cobalt	59-2	40160	40230	39668	40019	0.76	cps
Copper	63-2	78482	81499	79246	79742	1.97	cps
Dysprosium	156-1	26026	27345	26786	26719	2.48	cps
Dysprosium	156-2	14478	14411	14201	14363	1.01	cps
Erbium	164-1	27713	27855	27354	27640	0.93	cps
Erbium	164-2	14605	14381	14655	14547	1.00	cps
Gadolinium	160-1	29040	28331	27888	28420	2.05	cps
Gadolinium	160-2	17288	16817	17118	17074	1.40	cps
Holmium	165-1	2588810	2584952	2571980	2581914	0.34	cps
Holmium	165-2	1429533	1410786	1295598	1378639	5.26	cps
Indium	115-1	2435884	2462269	2437765	2445306	0.60	cps
Indium	115-2	415350	411692	378957	402000	4.98	cps
Iron	54-2	1609207	1594665	1564551	1589474	1.43	cps
Iron	56-2	28739424	28590960	28421124	28583836	0.56	cps
Iron	57-2	703532	701281	704678	703163	0.25	cps
Krypton	83-1	753	843	703	767	9.25	cps
Lead	207-1	152941	153053	155876	153957	1.08	cps
Lead	208-1	711833	713119	720569	715174	0.66	cps
Lead	206-1	182466	184123	185736	184109	0.89	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	2
Date & Time Acquired ::	2020-04-02 14:09:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	955086	957083	971138	961103	0.91	cps
Magnesium	24-2	373714	375610	378695	376007	0.67	cps
Manganese	55-2	126968	124991	125132	125697	0.88	cps
Molybdenum	94-1	4226	4176	4159	4187	0.83	cps
Molybdenum	95-1	2500	2750	2625	2625	4.76	cps
Molybdenum	96-1	3359	3167	3284	3270	2.95	cps
Molybdenum	97-1	1725	1450	1600	1592	8.65	cps
Molybdenum	98-1	4217	4117	4392	4242	3.28	cps
Neodymium	150-1	42186	42240	42226	42218	0.07	cps
Neodymium	150-2	16597	16594	16403	16531	0.67	cps
Nickel	60-2	15776	15655	15629	15687	0.50	cps
Phosphorus	31-2	1483	1558	1633	1558	4.81	cps
Potassium	39-2	152777	153493	151902	152724	0.52	cps
Rhodium	103-1	2439948	2421686	2423674	2428436	0.41	cps
Rhodium	103-2	1266969	1251917	1151267	1223384	5.14	cps
Scandium	45-1	1817705	1816049	1839342	1824365	0.71	cps
Scandium	45-2	57468	57762	52296	55842	5.51	cps
Selenium	77-2	73	83	67	74	11.26	cps
Selenium	78-2	73	68	81	74	8.86	cps
Selenium	82-1	21	-72	119	23	421.25	cps
Silicon	28-1	4635764	4673178	4705347	4671430	0.75	cps
Silver	109-1	892	858	925	892	3.74	cps
Silver	107-1	900	833	933	889	5.73	cps
Sodium	23-2	101929	101561	100981	101490	0.47	cps
Strontium	86-1	24822	25073	25841	25245	2.10	cps
Strontium	88-1	209176	208940	213234	210450	1.15	cps
Sulfur	34-1	534909	529974	528379	531087	0.64	cps
Terbium	159-1	2779173	2761793	2823690	2788219	1.14	cps
Terbium	159-2	1423937	1416704	1294476	1378373	5.28	cps
Thallium	203-1	708	567	750	675	14.24	cps
Thallium	205-1	1508	1775	1675	1653	8.15	cps
Tin	118-1	9270	9295	9437	9334	0.96	cps
Titanium	47-1	584746	577869	581790	581468	0.59	cps
Uranium	238-1	16111	16269	15844	16074	1.34	cps
Vanadium	51-2	89772	89494	88360	89209	0.84	cps
Yttrium	89-1	5246390	5261733	5170131	5226084	0.94	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MC0AS1	Dilution Factor :	2
Date & Time Acquired ::	2020-04-02 14:09:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	613285	614391	565084	597587	4.71	cps
Zinc	66-2	44238	44719	44734	44564	0.63	cps
Zirconium	90-1	7736	7469	8394	7866	6.06	cps
Zirconium	91-1	1742	1592	1767	1700	5.57	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10RE	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:12:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13023	13857	13687	13522	3.26	cps
Antimony	121-1	59906	59203	59965	59692	0.71	cps
Arsenic	75-2	865	988	932	928	6.63	cps
Barium	135-1	244459	249510	250391	248120	1.29	cps
Barium	137-1	426462	431110	437338	431637	1.26	cps
Beryllium	9-1	7721	7578	7300	7533	2.84	cps
Bismuth	209-1	1505654	1530940	1529381	1521992	0.93	cps
Bismuth	209-2	995120	944554	983259	974311	2.71	cps
Boron	11-1	1204	1218	1238	1220	1.40	cps
Boron	10-1	252	296	268	272	8.19	cps
Bromine	81-1	1892	1712	1812	1805	5.00	cps
Cadmium	106-1	1667	1892	1675	1745	7.31	cps
Cadmium	108-1	467	450	517	478	7.26	cps
Cadmium	111-1	8071	8095	7884	8016	1.44	cps
Calcium	43-1	4551	5234	5018	4934	7.08	cps
Calcium	44-1	95373	95440	94351	95055	0.64	cps
Chromium	52-2	36670	36513	36884	36689	0.51	cps
Cobalt	59-2	159270	159621	160021	159638	0.24	cps
Copper	63-2	66849	67285	67761	67298	0.68	cps
Dysprosium	156-1	442	383	467	431	9.93	cps
Dysprosium	156-2	257	220	233	237	7.84	cps
Erbium	164-1	333	358	458	383	17.25	cps
Erbium	164-2	243	250	213	236	8.29	cps
Gadolinium	160-1	467	467	533	489	7.87	cps
Gadolinium	160-2	260	210	303	258	18.12	cps
Holmium	165-1	2544529	2508029	2542178	2531579	0.81	cps
Holmium	165-2	1389943	1308864	1365168	1354658	3.07	cps
Indium	115-1	2409319	2397731	2432433	2413161	0.73	cps
Indium	115-2	415056	388705	408131	403964	3.38	cps
Iron	54-2	51431	50628	51002	51021	0.79	cps
Iron	56-2	906542	905027	894436	902002	0.73	cps
Iron	57-2	22551	21555	22407	22171	2.43	cps
Krypton	83-1	713	720	690	708	2.23	cps
Lead	207-1	16032	16082	15404	15840	2.39	cps
Lead	208-1	70564	71660	71601	71275	0.86	cps
Lead	206-1	17601	18541	17913	18018	2.66	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10RE	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:12:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	955276	965694	940821	953930	1.31	cps
Magnesium	24-2	6402	6593	6393	6463	1.75	cps
Manganese	55-2	51476	50275	50941	50897	1.18	cps
Molybdenum	94-1	408	325	367	367	11.36	cps
Molybdenum	95-1	217	167	167	183	15.75	cps
Molybdenum	96-1	308	325	308	314	3.07	cps
Molybdenum	97-1	142	67	92	100	38.19	cps
Molybdenum	98-1	325	400	208	311	31.05	cps
Neodymium	150-1	567	927	713	736	24.61	cps
Neodymium	150-2	300	240	263	268	11.30	cps
Nickel	60-2	44750	44951	44606	44769	0.39	cps
Phosphorus	31-2	392	292	350	344	14.58	cps
Potassium	39-2	21016	20582	21308	20968	1.74	cps
Rhodium	103-1	2366683	2415756	2386831	2389757	1.03	cps
Rhodium	103-2	1261297	1175124	1217660	1218027	3.54	cps
Scandium	45-1	1773844	1749195	1752724	1758587	0.76	cps
Scandium	45-2	54339	51857	54827	53674	2.97	cps
Selenium	77-2	33	30	10	24	51.62	cps
Selenium	78-2	132	129	115	125	7.24	cps
Selenium	82-1	908	865	948	907	4.58	cps
Silicon	28-1	1126389	1097138	1096398	1106641	1.55	cps
Silver	109-1	31620	31971	32280	31957	1.03	cps
Silver	107-1	33308	32965	35279	33851	3.69	cps
Sodium	23-2	36998	37190	37490	37226	0.67	cps
Strontium	86-1	3317	2842	3042	3067	7.78	cps
Strontium	88-1	18071	18821	18429	18440	2.04	cps
Sulfur	34-1	441423	443840	443523	442929	0.30	cps
Terbium	159-1	2713555	2685859	2688250	2695888	0.57	cps
Terbium	159-2	1387002	1292284	1366094	1348460	3.69	cps
Thallium	203-1	20567	20358	20458	20461	0.51	cps
Thallium	205-1	48015	48868	49705	48863	1.73	cps
Tin	118-1	1008	775	783	856	15.47	cps
Titanium	47-1	13031	13674	13440	13382	2.43	cps
Uranium	238-1	342	383	375	367	6.01	cps
Vanadium	51-2	68630	69317	69524	69157	0.68	cps
Yttrium	89-1	4626298	4697069	4677862	4667076	0.78	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	L2090-10RE	Instrumnet Name :	P8
Client Sample ID :	MC0AS7S	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:12:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	547906	512517	536239	532221	3.39	cps
Zinc	66-2	18213	18338	18235	18262	0.37	cps
Zirconium	90-1	575	783	1000	786	27.03	cps
Zirconium	91-1	167	242	292	233	26.96	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:16:33	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946578	953027	940107	946571	0.68	cps
Antimony	121-1	1640955	1600066	1658938	1633320	1.85	cps
Arsenic	75-2	59412	58850	58910	59057	0.52	cps
Barium	135-1	1596157	1605815	1630245	1610739	1.09	cps
Barium	137-1	2759640	2827663	2835557	2807620	1.49	cps
Beryllium	9-1	386976	396349	395614	392980	1.33	cps
Bismuth	209-1	1477998	1492397	1505206	1491867	0.91	cps
Bismuth	209-2	972481	960901	971272	968218	0.66	cps
Boron	11-1	115385	141784	154384	137184	14.51	cps
Boron	10-1	24121	29692	32195	28669	14.42	cps
Bromine	81-1	1602	1672	1562	1612	3.46	cps
Cadmium	106-1	37853	38830	38337	38340	1.27	cps
Cadmium	108-1	26171	26718	26826	26571	1.32	cps
Cadmium	111-1	358890	365063	365000	362984	0.98	cps
Calcium	43-1	2215948	2261359	2259629	2245645	1.15	cps
Calcium	44-1	35096855	36094947	35911187	35700996	1.49	cps
Chromium	52-2	462669	460135	460348	461051	0.30	cps
Cobalt	59-2	809570	812345	803079	808331	0.59	cps
Copper	63-2	6270306	6215735	6172409	6219484	0.79	cps
Dysprosium	156-1	108	92	125	108	15.38	cps
Dysprosium	156-2	40	87	37	54	51.35	cps
Erbium	164-1	0	33	50	28	91.65	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	67	92	117	92	27.27	cps
Gadolinium	160-2	70	53	70	64	14.93	cps
Holmium	165-1	2562040	2583499	2550378	2565306	0.65	cps
Holmium	165-2	1390131	1384223	1395883	1390079	0.42	cps
Indium	115-1	2485579	2415055	2490206	2463613	1.71	cps
Indium	115-2	412412	404571	406361	407781	1.01	cps
Iron	54-2	4710977	4668809	4762288	4714025	0.99	cps
Iron	56-2	86379969	86746838	85820916	86315907	0.54	cps
Iron	57-2	2176850	2187331	2167539	2177240	0.45	cps
Krypton	83-1	650	693	740	694	6.48	cps
Lead	207-1	3922322	3941538	4068688	3977516	2.00	cps
Lead	208-1	17511703	17647914	17846492	17668703	0.95	cps
Lead	206-1	4366522	4481963	4372294	4406926	1.48	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:16:33	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	871939	881695	872948	875527	0.61	cps
Magnesium	24-2	13269499	13013518	13138513	13140510	0.97	cps
Manganese	55-2	2107274	2084007	2069878	2087053	0.90	cps
Molybdenum	94-1	3073013	3112343	3122192	3102516	0.84	cps
Molybdenum	95-1	3806600	3824064	3876119	3835594	0.94	cps
Molybdenum	96-1	4199364	4194110	4198403	4197292	0.07	cps
Molybdenum	97-1	2395004	2366614	2402491	2388036	0.79	cps
Molybdenum	98-1	5886073	6158157	6014473	6019567	2.26	cps
Neodymium	150-1	73	53	100	76	30.99	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	224029	224986	225020	224678	0.25	cps
Phosphorus	31-2	12622	11755	11955	12111	3.75	cps
Potassium	39-2	5053990	5064367	5035733	5051363	0.29	cps
Rhodium	103-1	2287134	2268637	2283529	2279766	0.43	cps
Rhodium	103-2	1196010	1183705	1172563	1184092	0.99	cps
Scandium	45-1	1723369	1777025	1775793	1758729	1.74	cps
Scandium	45-2	55215	54944	55098	55086	0.25	cps
Selenium	77-2	790	877	817	828	5.36	cps
Selenium	78-2	2760	2574	2539	2624	4.51	cps
Selenium	82-1	24752	24783	25004	24846	0.55	cps
Silicon	28-1	1649189	1807137	1869908	1775411	6.41	cps
Silver	109-1	1797135	1792147	1754820	1781368	1.30	cps
Silver	107-1	1852831	1842636	1865054	1853507	0.61	cps
Sodium	23-2	25634354	25583685	25630896	25616312	0.11	cps
Strontium	86-1	470949	484339	477643	477644	1.40	cps
Strontium	88-1	4056899	4112830	4092292	4087340	0.69	cps
Sulfur	34-1	623400	634355	637530	631762	1.17	cps
Terbium	159-1	2694756	2754137	2761865	2736919	1.34	cps
Terbium	159-2	1387334	1374442	1398370	1386715	0.86	cps
Thallium	203-1	1061116	1091144	1067698	1073319	1.47	cps
Thallium	205-1	2533898	2584459	2548920	2555759	1.02	cps
Tin	118-1	1129266	1133479	1138764	1133836	0.42	cps
Titanium	47-1	1155645	1193624	1184681	1177984	1.69	cps
Uranium	238-1	3221342	3284291	3305929	3270521	1.34	cps
Vanadium	51-2	357880	357691	359936	358502	0.35	cps
Yttrium	89-1	4684178	4778849	4732902	4731976	1.00	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P8
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:16:33	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	547034	539949	538916	541966	0.82	cps
Zinc	66-2	812398	811363	812444	812068	0.08	cps
Zirconium	90-1	2569389	2659087	2601493	2609990	1.74	cps
Zirconium	91-1	575249	581929	580867	579348	0.62	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : CCB022 Instrumnet Name : P8
 Client Sample ID : CCB022 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 14:21:18 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	320	273	309	10.20	cps
Antimony	121-1	150	58	125	111	42.65	cps
Arsenic	75-2	2	4	3	3	33.33	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	33	42	58	44	28.65	cps
Beryllium	9-1	64	50	52	55	13.69	cps
Bismuth	209-1	1486615	1479496	1487584	1484565	0.30	cps
Bismuth	209-2	965715	974226	892473	944138	4.76	cps
Boron	11-1	7801	7434	7328	7521	3.29	cps
Boron	10-1	1634	1620	1616	1623	0.58	cps
Bromine	81-1	1732	1572	1802	1702	6.94	cps
Cadmium	106-1	892	1058	983	978	8.54	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Cadmium	111-1	624	740	702	689	8.60	cps
Calcium	43-1	417	483	358	419	14.91	cps
Calcium	44-1	22744	22852	23036	22877	0.65	cps
Chromium	52-2	1023	883	900	936	8.17	cps
Cobalt	59-2	60	47	30	46	32.99	cps
Copper	63-2	897	863	880	880	1.89	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	2454083	2423559	2430507	2436050	0.66	cps
Holmium	165-2	1343839	1356473	1232125	1310812	5.22	cps
Indium	115-1	2293952	2291104	2307520	2297526	0.38	cps
Indium	115-2	389242	390597	362753	380864	4.12	cps
Iron	54-2	389	444	528	454	15.41	cps
Iron	56-2	4056	3745	4023	3941	4.34	cps
Iron	57-2	106	111	100	106	5.26	cps
Krypton	83-1	690	753	750	731	4.88	cps
Lead	207-1	400	428	400	409	3.92	cps
Lead	208-1	1950	1989	2078	2006	3.27	cps
Lead	206-1	567	506	522	532	5.94	cps

LB Number : LB108553 Operator : Jaswal
 Lab Sample ID : CCB022 Instrumnet Name : P8
 Client Sample ID : CCB022 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-02 14:21:18 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	850161	857180	859879	855740	0.59	cps
Magnesium	24-2	392	350	375	372	5.63	cps
Manganese	55-2	80	120	103	101	19.87	cps
Molybdenum	94-1	58	125	133	106	38.94	cps
Molybdenum	95-1	83	75	100	86	14.78	cps
Molybdenum	96-1	158	117	117	131	18.43	cps
Molybdenum	97-1	67	33	92	64	45.81	cps
Molybdenum	98-1	50	92	92	78	30.93	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	107	100	83	97	12.44	cps
Phosphorus	31-2	225	208	208	214	4.50	cps
Potassium	39-2	16844	17010	16785	16880	0.69	cps
Rhodium	103-1	2316059	2319405	2328458	2321307	0.28	cps
Rhodium	103-2	1196247	1191694	1106190	1164710	4.36	cps
Scandium	45-1	1691243	1658059	1695041	1681448	1.21	cps
Scandium	45-2	52813	52683	49857	51784	3.23	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	30	32	21	28	21.18	cps
Selenium	82-1	-1	-134	-92	-76	-89.66	cps
Silicon	28-1	677136	677344	675167	676549	0.18	cps
Silver	109-1	150	117	75	114	33.00	cps
Silver	107-1	75	142	150	122	33.63	cps
Sodium	23-2	27268	27793	26984	27348	1.50	cps
Strontium	86-1	1058	1108	975	1047	6.43	cps
Strontium	88-1	158	133	150	147	8.65	cps
Sulfur	34-1	507824	499019	503936	503593	0.88	cps
Terbium	159-1	2634297	2583452	2624519	2614089	1.03	cps
Terbium	159-2	1344475	1336417	1232456	1304450	4.79	cps
Thallium	203-1	175	267	167	203	27.36	cps
Thallium	205-1	475	392	458	442	9.98	cps
Tin	118-1	233	225	208	222	5.73	cps
Titanium	47-1	600	533	575	569	5.91	cps
Uranium	238-1	33	33	17	28	34.63	cps
Vanadium	51-2	20	23	27	23	14.29	cps
Yttrium	89-1	4479981	4429342	4429715	4446346	0.66	cps

LB Number :	LB108553	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P8
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired ::	2020-04-02 14:21:18	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	519902	517117	480040	505686	4.40	cps
Zinc	66-2	162	146	123	144	13.82	cps
Zirconium	90-1	117	250	267	211	38.94	cps
Zirconium	91-1	8	58	58	42	69.29	cps