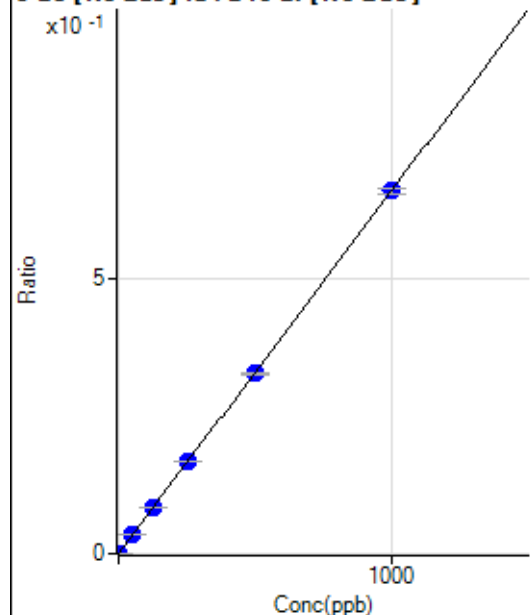


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8061720 MS.b\
Analysis File: P8061720 MS.batch.bin
DA Date-Time: 2020-06-17 17:22:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-06-17 12:21:12
2	006CALS.d	S01	2020-06-17 12:24:22
3	007CALS.d	S02	2020-06-17 12:27:28
4	008CALS.d	S03	2020-06-17 12:30:37
5	009CALS.d	S04	2020-06-17 12:33:43
6	010CALS.d	S05	2020-06-17 12:36:49
7	011CALS.d	S06	2020-06-17 12:39:48
8	012CALS.d	S07	2020-06-17 12:42:48
9	013CALS.d	S08	2020-06-17 12:45:46

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	46.66	0.0001	P	23.0
2	☐	0.100	0.070	85.98	0.0001	P	13.2
3	☐	1.000	0.951	572.56	0.0007	P	4.3
4	☐	50.000	50.920	28521.14	0.0336	P	0.9
5	☐	125.000	128.721	71900.04	0.0848	P	0.4
6	☐	250.000	254.452	143941.12	0.1676	P	0.5
7	☐	500.000	496.756	286839.18	0.3271	P	0.8
8	☐	1000.000	999.998	595162.51	0.6585	P	1.3
9	☐			225.96	0.0003	P	5.2

$$y = 6.5841\text{E-}004 * x + 5.5603\text{E-}005$$

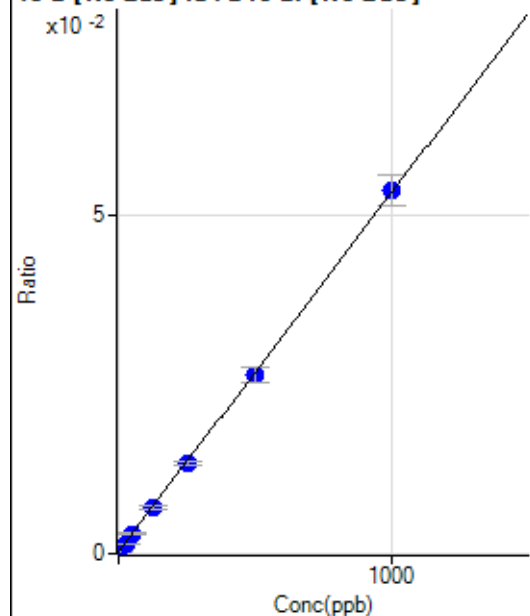
$$R = 1.0000$$

$$DL = 0.05839$$

$$BEC = 0.08445$$

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	262.62	0.0003	P	7.0
2	☐	2.500	1.029	310.61	0.0004	P	1.8
3	☐	25.000	20.047	1155.82	0.0014	P	8.7
4	☐	50.000	48.016	2429.73	0.0029	P	9.9
5	☐	125.000	123.928	5840.69	0.0069	P	8.2
6	☐	250.000	245.779	11469.54	0.0134	P	6.2
7	☐	500.000	492.775	23197.00	0.0265	P	8.1
8	☐	1000.000	1005.028	48457.16	0.0536	P	8.4
9	☐			7883.26	0.0096	P	13.7

$$y = 5.3064\text{E-}005 * x + 3.1337\text{E-}004$$

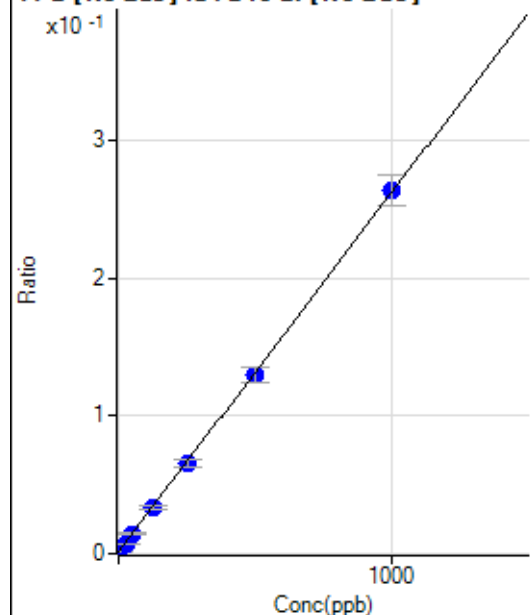
$$R = 1.0000$$

$$DL = 1.245$$

$$BEC = 5.906$$

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	1159.82	0.0014	P	3.6
2	☐	2.500	1.894	1585.11	0.0019	P	7.8
3	☐	25.000	21.723	5921.37	0.0071	P	6.0
4	☐	50.000	49.237	12090.60	0.0142	P	8.0
5	☐	125.000	124.552	28747.03	0.0339	P	7.9
6	☐	250.000	246.439	56452.07	0.0657	P	8.6
7	☐	500.000	492.084	113857.99	0.1299	P	8.0
8	☐	1000.000	1005.026	238313.46	0.2638	P	8.6
9	☐			38277.55	0.0465	P	11.0

$$y = 2.6113E-004 * x + 0.0014$$

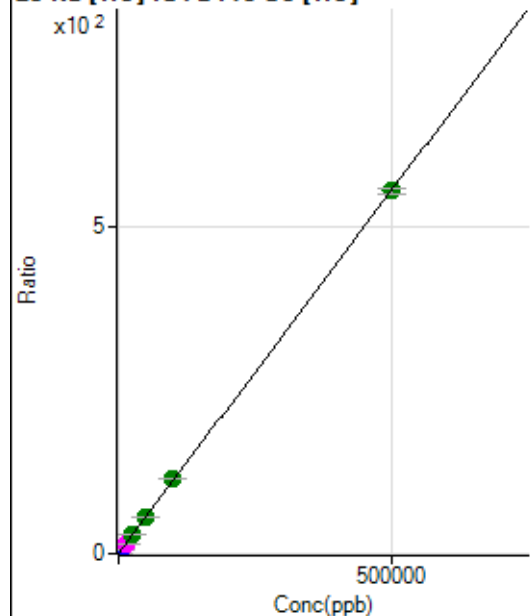
$$R = 0.9999$$

$$DL = 0.5667$$

$$BEC = 5.299$$

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	21786.20	0.3215	P	2.8
2	☐	50.000	34.682	24821.63	0.3600	P	1.7
3	☐	500.000	492.079	60542.73	0.8682	P	0.9
4	☐	5000.000	5152.717	428992.99	6.0466	P	0.8
5	☐	12500.000	13147.793	1035131.64	14.9299	M	2.2
6	☐	25000.000	26052.746	2004647.22	29.2684	A	1.5
7	☐	50000.000	50287.012	3920914.24	56.1948	A	0.7
8	☐	100000.00	102351.73	8017641.41	114.0434	A	1.0
9	☐	500000.00	499430.60	35951643.51	555.2332	A	1.7

$$y = 0.0011 * x + 0.3215$$

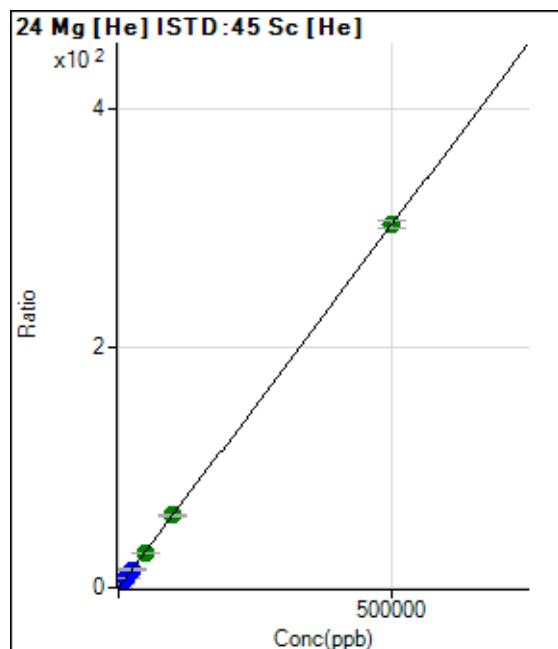
$$R = 1.0000$$

$$DL = 24.06$$

$$BEC = 289.4$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	386.13	0.0057	P	10.4
2	☐	50.000	46.375	2328.03	0.0338	P	5.5
3	☐	500.000	475.776	20470.47	0.2936	P	1.8
4	☐	5000.000	4947.571	212785.52	2.9992	P	0.5
5	☐	12500.000	12640.655	530688.62	7.6538	P	1.8
6	☐	25000.000	25151.619	1042635.77	15.2234	P	0.4
7	☐	50000.000	48706.017	2056566.58	29.4747	A	0.0
8	☐	100000.00	99644.023	4238888.07	60.2941	A	0.9
9	☐	500000.00	500190.04	19595455.30	302.6394	A	1.9

$$y = 6.0504\text{E-}004 * x + 0.0057$$

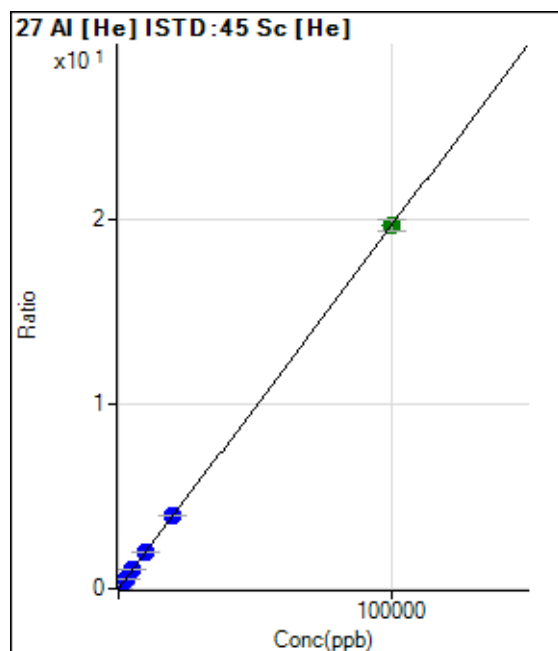
$$R = 1.0000$$

$$DL = 2.945$$

$$BEC = 9.42$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	347.94	0.0051	P	3.5
2	☒	2.000					
3	☐	20.000	21.007	645.89	0.0093	P	3.2
4	☐	1000.000	1002.785	14354.25	0.2023	P	1.7
5	☐	2500.000	2622.928	36114.76	0.5209	P	2.9
6	☐	5000.000	5167.698	69947.27	1.0213	P	1.6
7	☐	10000.000	9990.379	137433.59	1.9697	P	0.5
8	☐	20000.000	20157.714	279037.69	3.9691	P	0.2
9	☐	100000.00	99957.933	1272935.70	19.6616	A	3.3

$$y = 1.9665\text{E-}004 * x + 0.0051$$

$$R = 1.0000$$

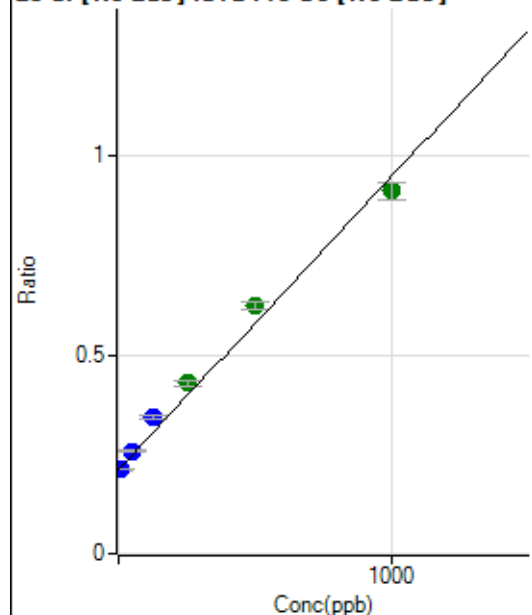
$$DL = 2.764$$

$$BEC = 26.1$$

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	447247.85	0.2116	P	0.9
2	☐	1.000	-0.798	448391.95	0.2111	P	0.6
3	☐	10.000	1.516	462352.00	0.2128	P	1.6
4	☐	50.000	63.949	560356.26	0.2588	P	1.3
5	☐	125.000	179.050	745294.93	0.3438	P	2.9
6	☐	250.000	293.651	921331.89	0.4283	A	3.6
7	☐	500.000	562.398	1390832.42	0.6266	A	3.1
8	☐	1000.000	950.521	2058344.75	0.9130	A	4.6
9	☐			502483.49	0.2457	P	1.0

$$y = 7.3784\text{E-}004 * x + 0.2116$$

$$R = 0.9945$$

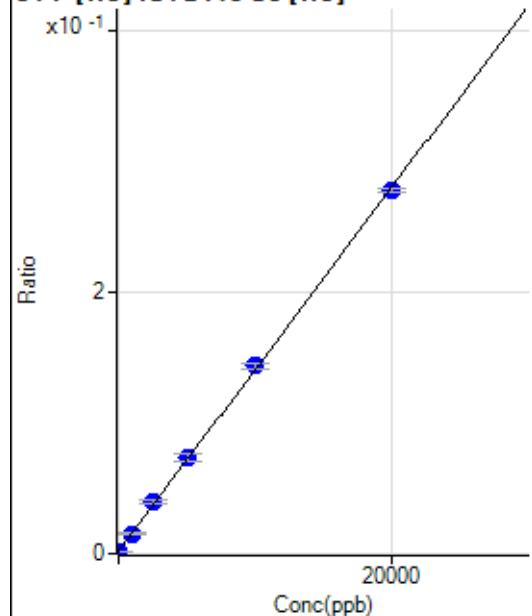
$$DL = 8.151$$

$$BEC = 286.8$$

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	8.787	130.56	0.0019	P	9.2
2	☐	0.000	-22.357	102.78	0.0015	P	25.3
3	☐	0.000	13.570	138.89	0.0020	P	9.4
4	☐	1000.000	968.104	1083.41	0.0153	P	14.6
5	☐	2500.000	2716.896	2747.56	0.0396	P	8.4
6	☐	5000.000	5153.428	5031.56	0.0735	P	6.3
7	☐	10000.000	10220.640	10042.66	0.1440	P	3.2
8	☐	20000.000	19825.806	19510.84	0.2775	P	1.1
9	☐			94.45	0.0015	P	31.7

$$y = 1.3908\text{E-}005 * x + 0.0018$$

$$R = 0.9998$$

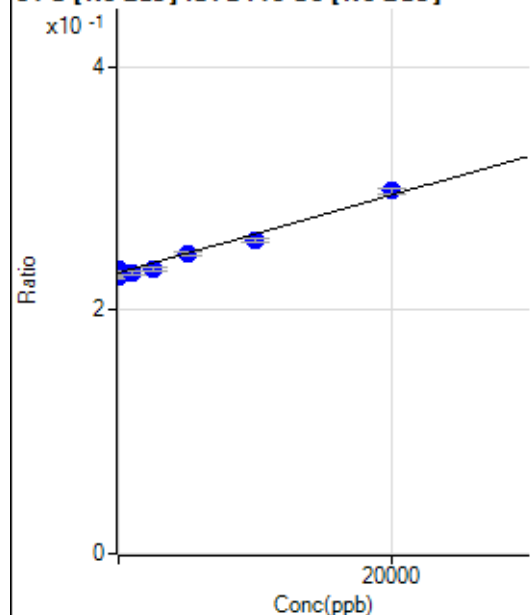
$$DL = 53.22$$

$$BEC = 129.7$$

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	836.527	492924.43	0.2333	P	1.6
2	☐	0.000	445.652	492953.57	0.2320	P	0.4
3	☐	0.000	-1282.179	492246.97	0.2265	P	1.2
4	☐	1000.000	86.478	499844.12	0.2309	P	1.2
5	☐	2500.000	939.891	506509.36	0.2336	P	1.3
6	☐	5000.000	4784.544	528982.43	0.2459	P	1.4
7	☐	10000.000	8503.435	572130.10	0.2578	P	1.2
8	☐	20000.000	21042.836	671601.30	0.2978	P	1.5
9	☐			458449.62	0.2241	P	0.6

$$y = 3.1924\text{E-}006 * x + 0.2306$$

$$R = 0.9905$$

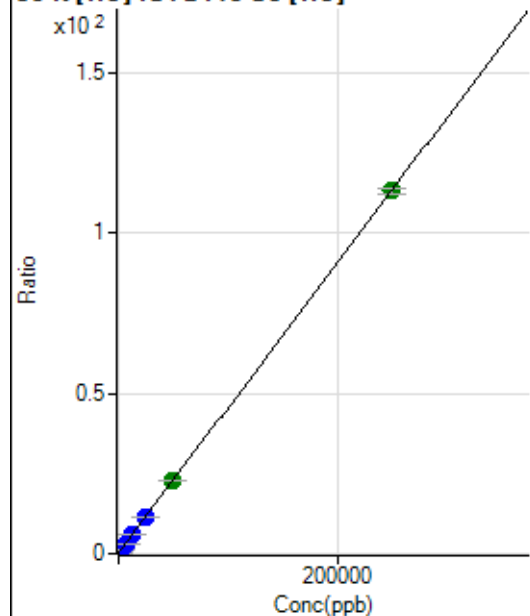
$$DL = 2314$$

$$BEC = 7.224\text{E}+04$$

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	18807.18	0.2775	P	1.9
2	☐	50.000	17.476	19669.41	0.2854	P	2.7
3	☐	500.000	444.931	33350.21	0.4783	P	1.8
4	☐	2500.000	2514.979	100227.83	1.4126	P	0.6
5	☐	6250.000	6501.879	222732.59	3.2121	P	1.4
6	☐	12500.000	12893.516	417572.84	6.0970	P	0.4
7	☐	25000.000	25101.087	809856.94	11.6070	P	0.3
8	☐	50000.000	50048.417	1607718.58	22.8671	A	1.4
9	☐	250000.00	249954.20	7322969.61	113.0957	A	1.4

$$y = 4.5136\text{E-}004 * x + 0.2775$$

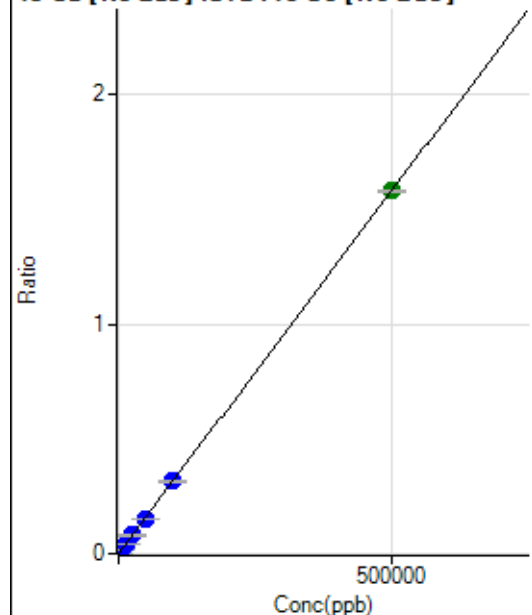
$$R = 1.0000$$

$$DL = 34.53$$

$$BEC = 614.7$$

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	347.23	0.0002	P	29.9
2	☐	50.000	52.513	702.82	0.0003	P	19.6
3	☐	500.000	496.671	3767.26	0.0017	P	4.1
4	☐	5000.000	4870.672	33673.45	0.0156	P	0.8
5	☐	12500.000	12796.335	88019.05	0.0406	P	0.5
6	☐	25000.000	25221.872	171812.86	0.0798	P	1.0
7	☐	50000.000	48856.805	343018.77	0.1545	P	0.5
8	☐	100000.00	99813.369	711555.17	0.3155	P	1.9
9	☐	500000.00	500134.44	3232329.09	1.5803	A	0.5

$$y = 3.1594\text{E-}006 * x + 1.6480\text{E-}004$$

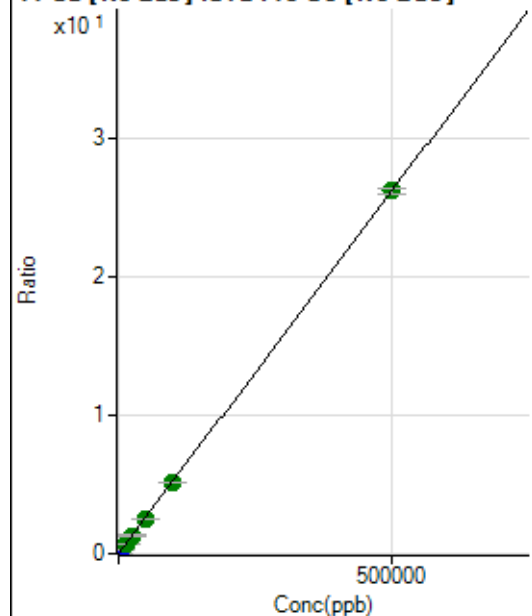
$$R = 1.0000$$

$$DL = 46.72$$

$$BEC = 52.16$$

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	31128.75	0.0147	P	3.3
2	☐	50.000	37.362	35452.82	0.0167	P	1.0
3	☐	500.000	452.292	83413.54	0.0384	P	1.3
4	☐	5000.000	4913.881	588167.11	0.2717	P	1.2
5	☐	12500.000	12623.093	1463190.45	0.6748	A	1.4
6	☐	25000.000	24834.263	2825553.04	1.3133	A	1.1
7	☐	50000.000	47921.157	5594999.82	2.5205	A	1.3
8	☐	100000.00	97376.960	11517521.35	5.1065	A	1.1
9	☐	500000.00	500738.61	53589878.63	26.1981	A	1.2

$$y = 5.2289\text{E-}005 * x + 0.0147$$

$$R = 1.0000$$

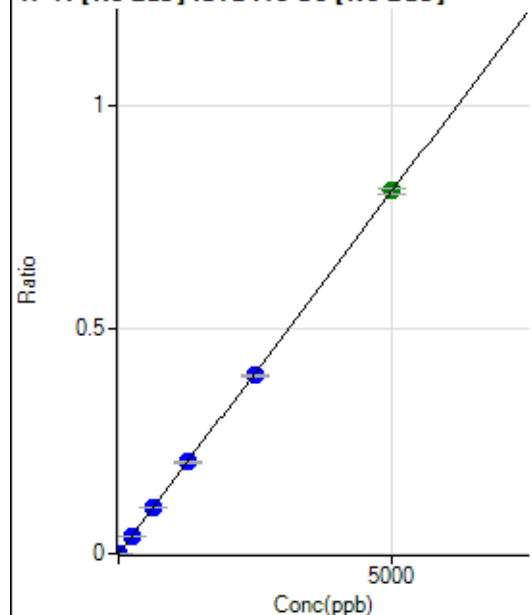
$$DL = 28.21$$

$$BEC = 281.8$$

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	441.69	0.0002	P	15.8
2	☐	0.500	0.445	597.25	0.0003	P	10.8
3	☐	5.000	4.303	1964.08	0.0009	P	2.4
4	☐	250.000	249.710	87709.99	0.0405	P	0.8
5	☐	625.000	633.071	222015.82	0.1024	P	0.2
6	☐	1250.000	1263.245	439112.71	0.2041	P	0.8
7	☐	2500.000	2461.384	882268.35	0.3975	P	1.3
8	☐	5000.000	5015.003	1825981.53	0.8096	A	1.6
9	☐			811.16	0.0004	P	13.7

$$y = 1.6140\text{E-}004 * x + 2.0934\text{E-}004$$

$$R = 1.0000$$

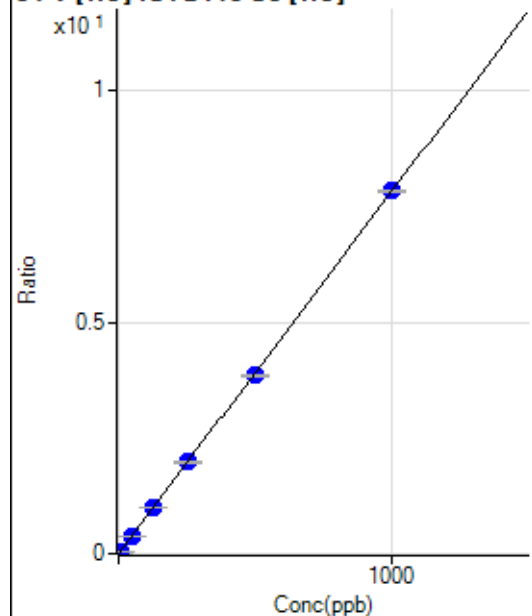
$$DL = 0.6137$$

$$BEC = 1.297$$

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	25.55	0.0004	P	25.8
2	☐	0.500	0.460	273.34	0.0040	P	6.4
3	☐	5.000	4.711	2591.38	0.0372	P	4.6
4	☐	50.000	49.454	27425.30	0.3865	P	1.4
5	☐	125.000	128.064	69353.58	1.0003	P	2.3
6	☐	250.000	253.718	135708.87	1.9814	P	1.2
7	☐	500.000	491.887	268005.46	3.8411	P	0.9
8	☐	1000.000	1002.773	550472.20	7.8302	P	0.9
9	☐			162.23	0.0025	P	7.0

$$y = 0.0078 * x + 3.7615\text{E-}004$$

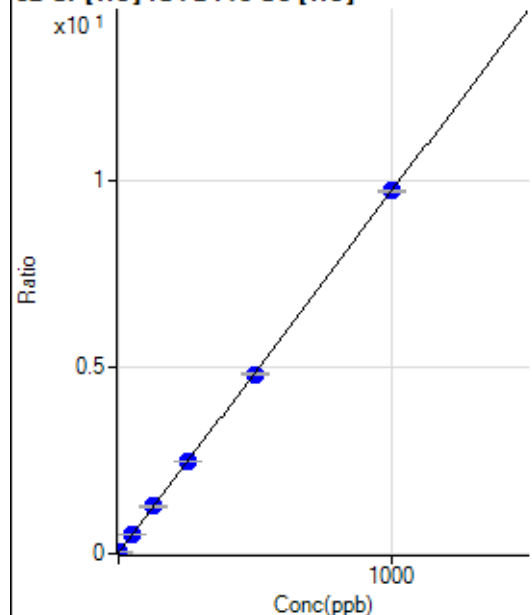
$$R = 0.9999$$

$$DL = 0.03723$$

$$BEC = 0.04817$$

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	812.25	0.0120	P	8.6
2	☐	0.200	0.197	957.82	0.0139	P	3.9
3	☐	2.000	1.903	2124.62	0.0305	P	2.0
4	☐	50.000	49.999	35325.80	0.4979	P	0.8
5	☐	125.000	129.123	87836.29	1.2669	P	2.2
6	☐	250.000	253.088	169280.91	2.4717	P	0.6
7	☐	500.000	495.360	336738.65	4.8262	P	0.9
8	☐	1000.000	1001.033	684803.33	9.7407	P	0.2
9	☐			11709.31	0.1808	P	2.5

$$y = 0.0097 * x + 0.0120$$

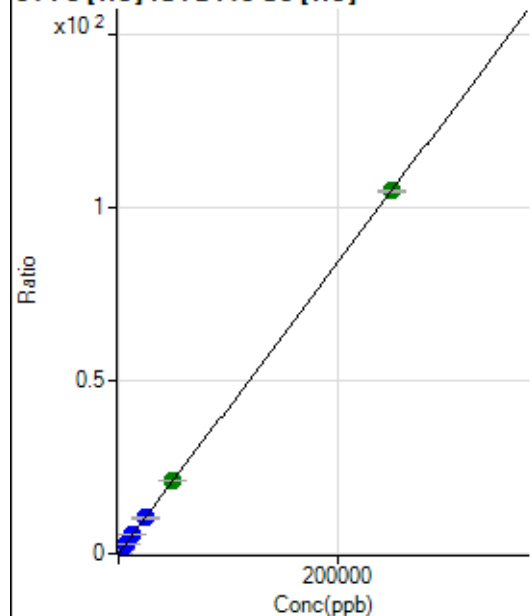
$$R = 1.0000$$

$$DL = 0.3196$$

$$BEC = 1.232$$

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	403.72	0.0060	P	21.0
2	☐	5.000	4.078	529.65	0.0077	P	12.7
3	☐	50.000	45.705	1751.99	0.0251	P	4.9
4	☐	2500.000	2486.267	74366.90	1.0482	P	0.4
5	☐	6250.000	6423.481	187105.52	2.6986	P	2.4
6	☐	12500.000	12616.812	362629.63	5.2948	P	0.5
7	☐	25000.000	24592.906	719705.88	10.3151	P	1.3
8	☐	50000.000	50184.912	1479349.73	21.0430	A	1.0
9	☐	250000.00	249993.68	6786297.95	104.8008	A	0.8

$$y = 4.1919E-004 * x + 0.0060$$

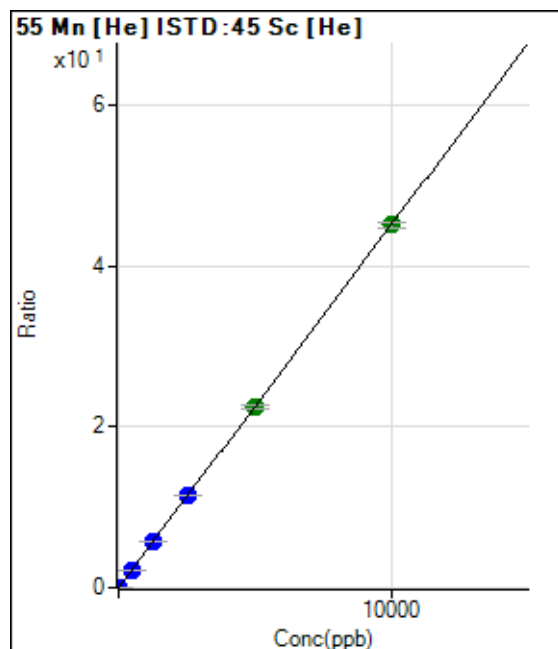
$$R = 1.0000$$

$$DL = 8.973$$

$$BEC = 14.23$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	91.11	0.0013	P	23.5
2	☐	0.100	0.110	126.67	0.0018	P	16.8
3	☐	1.000	0.921	383.34	0.0055	P	7.8
4	☐	500.000	498.638	159725.02	2.2513	P	0.6
5	☐	1250.000	1284.168	401871.27	5.7958	P	1.8
6	☐	2500.000	2554.596	789565.36	11.5282	P	0.9
7	☐	5000.000	4983.701	1569052.96	22.4889	A	1.8
8	☐	10000.000	9990.297	3169193.63	45.0797	A	1.3
9	☐			2784.75	0.0430	P	3.0

$$y = 0.0045 * x + 0.0013$$

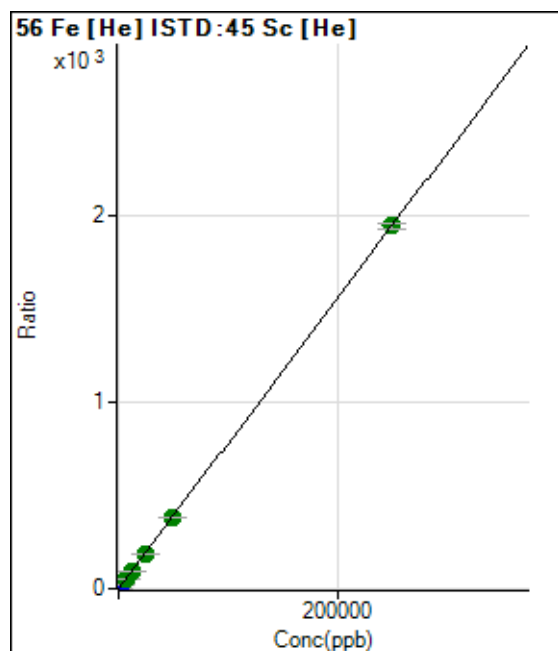
$$R = 1.0000$$

$$DL = 0.2098$$

$$BEC = 0.2973$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2737.35	0.0404	P	2.7
2	☐	5.000	4.237	5050.98	0.0733	P	3.3
3	☐	50.000	47.526	28538.00	0.4093	P	0.3
4	☐	2500.000	2428.634	1340251.03	18.8906	P	0.8
5	☐	6250.000	6371.469	3431945.53	49.4936	A	1.2
6	☐	12500.000	12379.834	6583688.69	96.1285	A	1.0
7	☐	25000.000	24089.408	13047959.44	187.0142	A	1.6
8	☐	50000.000	48919.849	26696307.08	379.7397	A	0.7
9	☐	250000.00	250310.77	125806362.0	1,942.868	A	1.8

$$y = 0.0078 * x + 0.0404$$

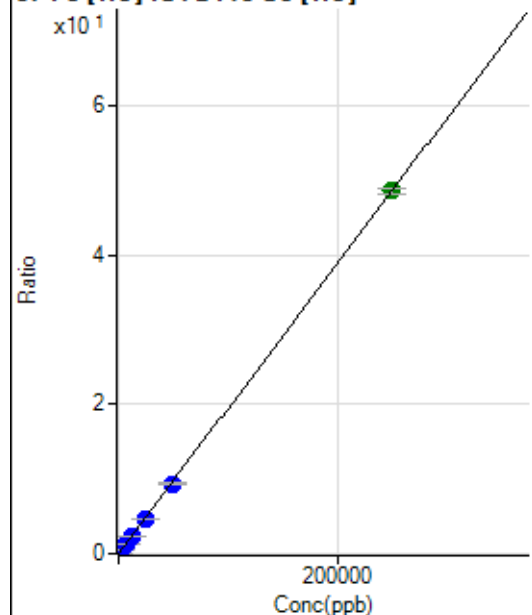
$$R = 1.0000$$

$$DL = 0.414$$

$$BEC = 5.204$$

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	105.56	0.0016	P	42.0
2	☐	5.000	6.780	198.16	0.0029	P	30.2
3	☐	50.000	45.352	722.25	0.0104	P	16.5
4	☐	2500.000	2434.086	33638.05	0.4741	P	3.0
5	☐	6250.000	6210.122	83686.68	1.2071	P	3.2
6	☐	12500.000	12269.548	163237.62	2.3834	P	0.3
7	☐	25000.000	23889.532	323676.40	4.6392	P	1.3
8	☐	50000.000	48402.265	660673.81	9.3977	P	0.6
9	☐	250000.00	250443.77	3148079.79	48.6194	A	1.7

$$y = 1.9413\text{E-}004 * x + 0.0016$$

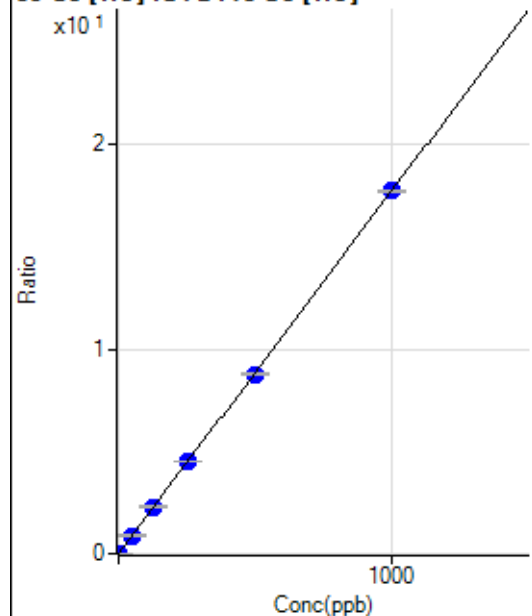
$$R = 1.0000$$

$$DL = 10.11$$

$$BEC = 8.024$$

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	65.56	0.0010	P	38.9
2	☐	0.100	0.073	155.56	0.0023	P	28.4
3	☐	1.000	1.045	1357.86	0.0195	P	0.7
4	☐	50.000	50.131	63059.94	0.8888	P	1.0
5	☐	125.000	129.376	158960.05	2.2923	P	1.0
6	☐	250.000	254.266	308477.98	4.5042	P	0.8
7	☐	500.000	495.415	612260.60	8.7750	P	0.4
8	☐	1000.000	1000.672	1245969.89	17.7234	P	0.9
9	☐			1977.93	0.0305	P	4.0

$$y = 0.0177 * x + 9.6592\text{E-}004$$

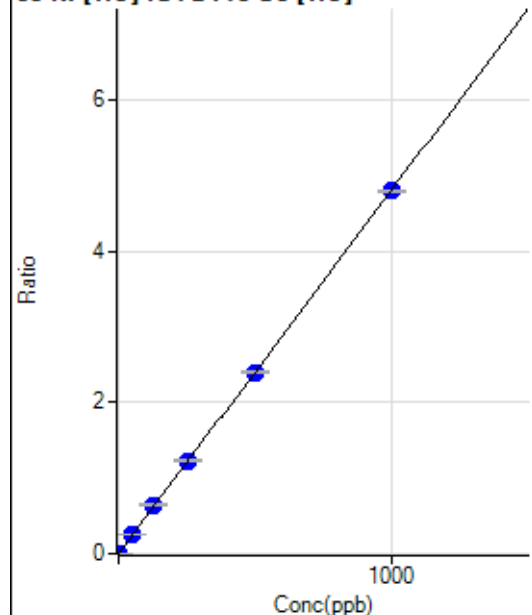
$$R = 1.0000$$

$$DL = 0.0637$$

$$BEC = 0.05454$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	74.44	0.0011	P	33.9
2	☒	0.100					
3	☐	1.000	1.096	444.45	0.0064	P	4.4
4	☐	50.000	50.636	17368.45	0.2448	P	2.2
5	☐	125.000	133.532	44643.06	0.6438	P	2.9
6	☐	250.000	255.820	84410.72	1.2325	P	1.5
7	☐	500.000	498.831	167598.00	2.4021	P	1.4
8	☐	1000.000	998.031	337800.96	4.8050	P	0.3
9	☐			3692.74	0.0570	P	0.3

$$y = 0.0048 * x + 0.0011$$

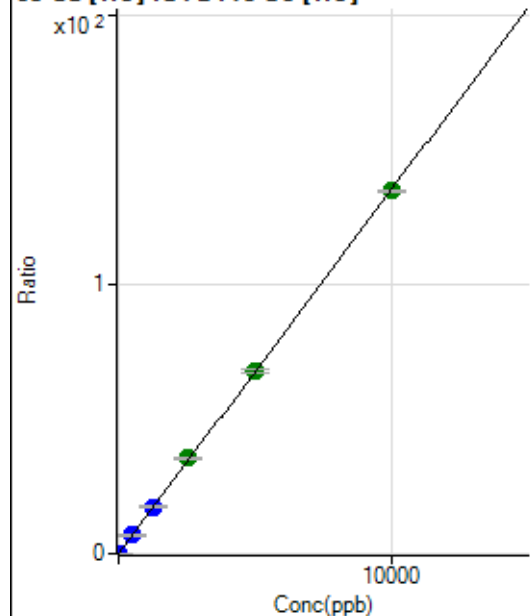
$$R = 1.0000$$

$$DL = 0.2319$$

$$BEC = 0.2283$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	287.45	0.0042	P	11.3
2	☐	0.200	0.225	502.68	0.0073	P	10.2
3	☐	2.000	2.042	2225.55	0.0319	P	3.6
4	☐	500.000	502.561	483416.51	6.8140	P	1.6
5	☐	1250.000	1288.711	1211031.97	17.4665	P	2.1
6	☐	2500.000	2619.270	2431064.53	35.4959	A	1.0
7	☐	5000.000	5007.426	4734377.26	67.8558	A	1.5
8	☐	10000.000	9961.503	9489604.16	134.9846	A	0.6
9	☐			4859.11	0.0751	P	4.7

$$y = 0.0136 * x + 0.0042$$

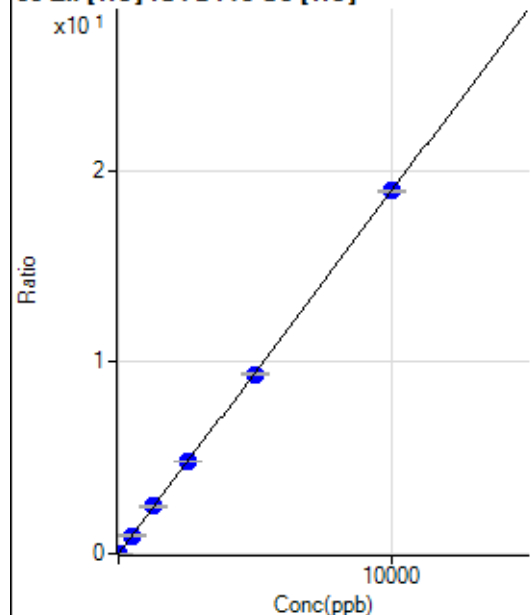
$$R = 0.9999$$

$$DL = 0.1064$$

$$BEC = 0.3128$$

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	161.97	0.0024	P	14.6
2	☐	0.200	0.174	187.27	0.0027	P	8.7
3	☐	2.000	1.818	406.32	0.0058	P	22.2
4	☐	500.000	501.570	67556.96	0.9522	P	1.3
5	☐	1250.000	1304.548	171470.55	2.4729	P	1.6
6	☐	2500.000	2559.468	332136.65	4.8494	P	0.5
7	☐	5000.000	4952.272	654521.62	9.3808	P	0.9
8	☐	10000.000	10002.100	1331801.16	18.9440	P	0.4
9	☐			12074.72	0.1865	P	1.0

$$y = 0.0019 * x + 0.0024$$

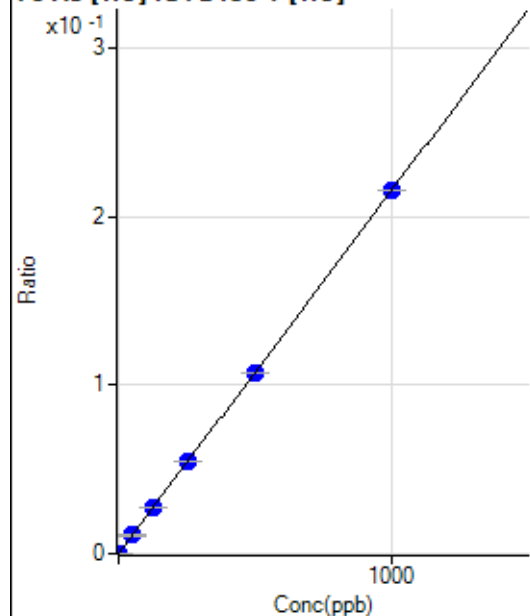
$$R = 1.0000$$

$$DL = 0.5521$$

$$BEC = 1.261$$

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	7.33	0.0000	P	9.4
2	☒	0.100					
3	☐	1.000	0.923	96.68	0.0002	P	9.1
4	☐	50.000	50.705	4920.03	0.0109	P	1.8
5	☐	125.000	128.562	12382.66	0.0277	P	1.1
6	☐	250.000	253.602	24125.91	0.0547	P	0.9
7	☐	500.000	498.323	48346.93	0.1074	P	0.4
8	☐	1000.000	999.458	98977.69	0.2153	P	0.1
9	☐			45.34	0.0001	P	12.2

$$y = 2.1545E-004 * x + 1.6808E-005$$

$$R = 1.0000$$

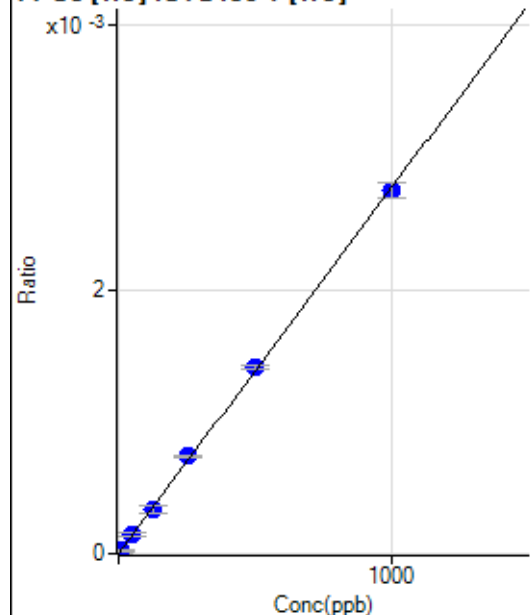
$$DL = 0.02198$$

$$BEC = 0.07801$$

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	0.00	0.0000	P	
2	☐	0.500	1.805	2.22	0.0000	P	86.6
3	☐	5.000	8.059	10.00	0.0000	P	33.3
4	☐	50.000	52.644	65.55	0.0001	P	16.4
5	☐	125.000	121.184	150.01	0.0003	P	16.4
6	☐	250.000	267.202	326.67	0.0007	P	2.1
7	☐	500.000	508.844	634.46	0.0014	P	2.0
8	☐	1000.000	991.606	1262.29	0.0027	P	4.3
9	☐			1.11	0.0000	P	173.2

$$y = 2.7693\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

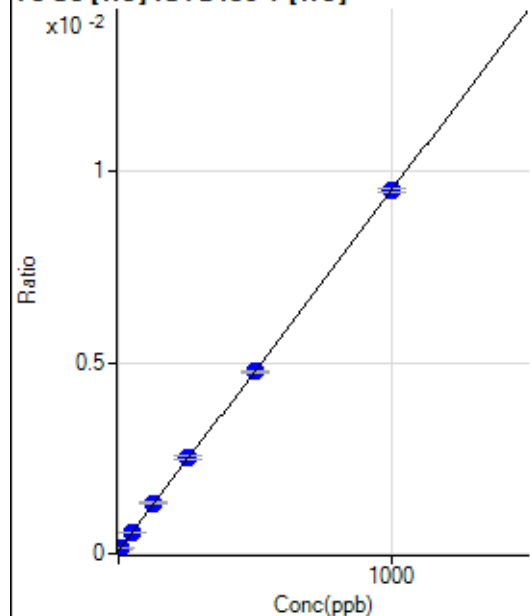
$$DL = 0$$

$$BEC = 0$$

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	34.33	0.0001	P	2.7
2	☐	0.500	1.786	42.33	0.0001	P	10.9
3	☐	5.000	7.055	65.01	0.0001	P	6.6
4	☐	50.000	51.234	252.70	0.0006	P	4.9
5	☐	125.000	131.882	591.07	0.0013	P	3.7
6	☐	250.000	258.685	1111.83	0.0025	P	4.6
7	☐	500.000	496.169	2143.05	0.0048	P	1.1
8	☐	1000.000	998.811	4367.46	0.0095	P	1.1
9	☐			34.00	0.0001	P	24.7

$$y = 9.4346\text{E-}006 * x + 7.8593\text{E-}005$$

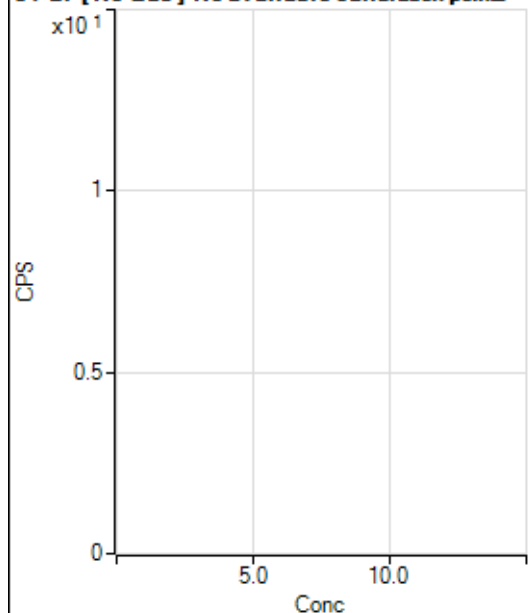
$$R = 0.9999$$

$$DL = 0.6727$$

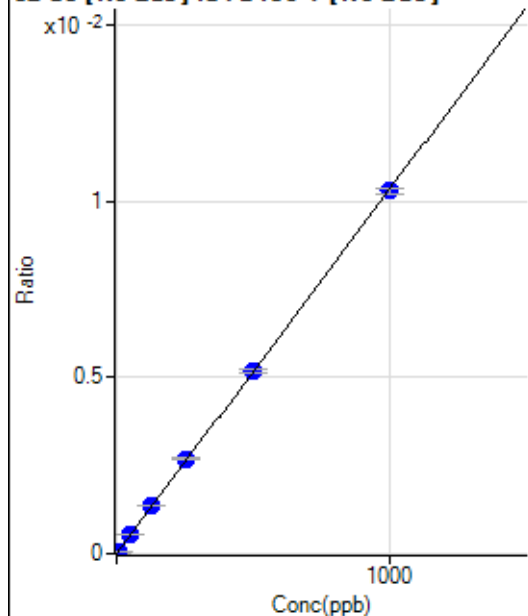
$$BEC = 8.33$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2396.01		P	5.5
2	☐			2255.84		P	4.6
3	☐			2352.64		P	7.2
4	☐			2339.29		P	7.9
5	☐			2199.10		P	2.5
6	☐			2466.11		P	2.9
7	☐			2132.37		P	9.1
8	☐			2215.80		P	10.3
9	☐			2412.70		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-16.79	0.0000	P	-313.
2	☒	0.500					
3	☐	5.000	4.937	182.81	0.0000	P	32.6
4	☐	50.000	51.636	2081.09	0.0005	P	5.0
5	☐	125.000	132.164	5315.62	0.0014	P	0.7
6	☐	250.000	260.824	10600.57	0.0027	P	1.4
7	☐	500.000	500.112	21116.66	0.0052	P	1.9
8	☐	1000.000	996.261	43726.37	0.0103	P	1.5
9	☐			2.43	0.0000	P	1714.

$$y = 1.0332E-005 * x - 4.4956E-006$$

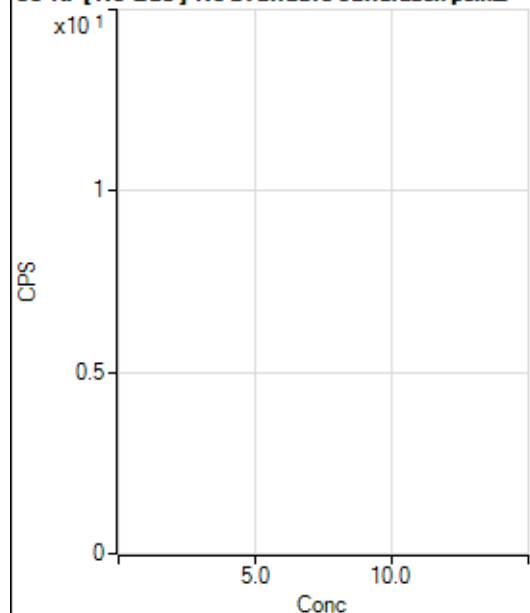
$$R = 0.9999$$

$$DL = 4.085$$

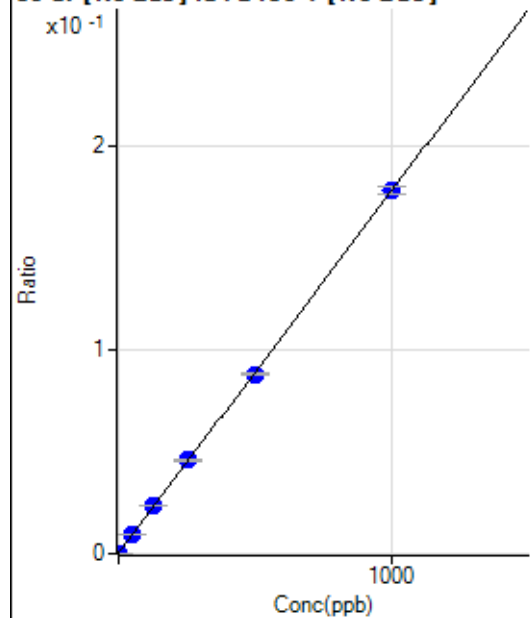
$$BEC = -0.4351$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			460.01		P	7.0
2	☐			436.68		P	8.0
3	☐			460.01		P	10.5
4	☐			472.23		P	7.1
5	☐			441.12		P	11.7
6	☐			425.57		P	4.0
7	☐			413.35		P	13.3
8	☐			414.46		P	7.2
9	☐			436.68		P	9.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	641.70	0.0002	P	10.0
2	☐	0.100	0.178	766.71	0.0002	P	11.0
3	☐	1.000	1.012	1358.43	0.0003	P	2.9
4	☐	50.000	51.549	36751.87	0.0093	P	2.9
5	☐	125.000	130.586	91387.21	0.0234	P	2.2
6	☐	250.000	257.189	180980.28	0.0459	P	1.0
7	☐	500.000	494.475	360580.71	0.0882	P	1.7
8	☐	1000.000	1000.190	757080.13	0.1781	P	2.0
9	☐			4645.34	0.0012	P	4.4

$$y = 1.7795E-004 * x + 1.6544E-004$$

$$R = 0.9999$$

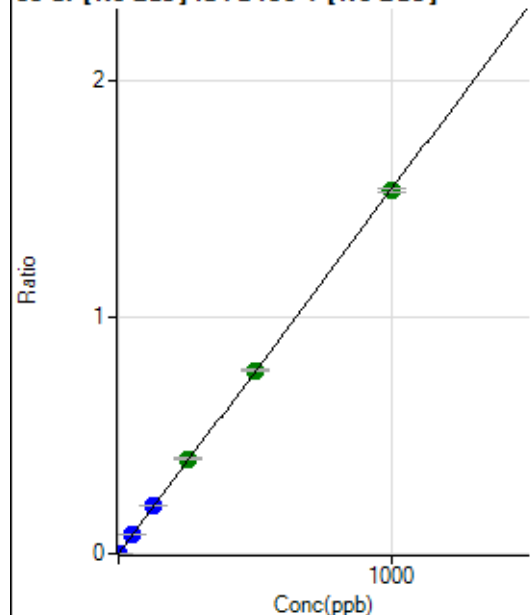
$$DL = 0.2789$$

$$BEC = 0.9297$$

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	283.35	0.0001	P	13.9
2	☐	0.100	0.083	780.60	0.0002	P	5.5
3	☐	1.000	0.983	6240.44	0.0016	P	1.9
4	☐	50.000	51.205	310551.67	0.0789	P	1.9
5	☐	125.000	131.145	788762.54	0.2020	P	1.2
6	☐	250.000	260.456	1580272.36	0.4011	A	0.6
7	☐	500.000	502.240	3163610.95	0.7733	A	0.8
8	☐	1000.000	995.438	6513820.33	1.5326	A	1.0
9	☐			34351.21	0.0090	P	0.6

$$y = 0.0015 * x + 7.3040E-005$$

$$R = 0.9999$$

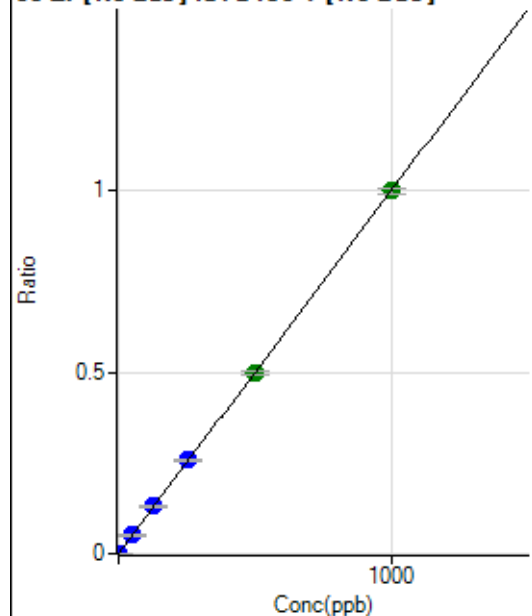
$$DL = 0.01979$$

$$BEC = 0.04744$$

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	194.45	0.0001	P	14.0
2	☐	0.100	0.105	605.59	0.0002	P	1.0
3	☐	1.000	1.029	4247.98	0.0011	P	4.9
4	☐	50.000	50.491	199003.36	0.0506	P	1.7
5	☐	125.000	130.105	508496.77	0.1302	P	0.8
6	☐	250.000	257.136	1013758.36	0.2573	P	1.2
7	☐	500.000	497.956	2037780.69	0.4982	A	1.6
8	☐	1000.000	998.575	4245408.95	0.9990	A	1.9
9	☐			1397.33	0.0004	P	4.9

$$y = 0.0010 * x + 5.0277E-005$$

$$R = 1.0000$$

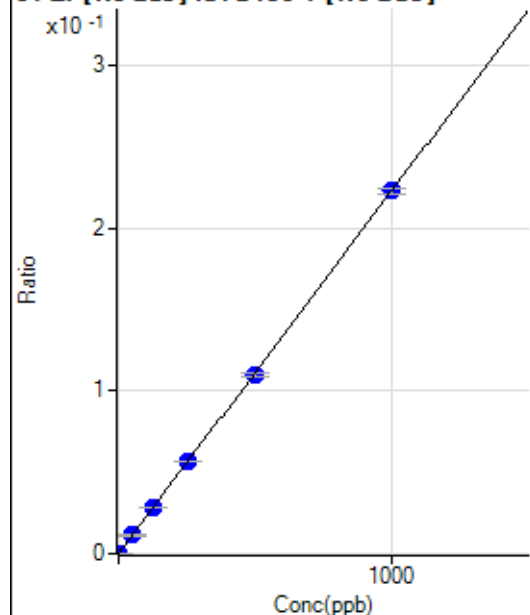
$$DL = 0.02106$$

$$BEC = 0.05026$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	84.7
2	☐	0.100	0.105	138.90	0.0000	P	31.1
3	☐	1.000	1.032	952.83	0.0002	P	8.9
4	☐	50.000	50.713	44491.02	0.0113	P	3.8
5	☐	125.000	128.989	112247.33	0.0287	P	1.2
6	☐	250.000	256.807	225427.36	0.0572	P	0.1
7	☐	500.000	494.406	450442.22	0.1101	P	2.0
8	☐	1000.000	1000.561	947105.17	0.2229	P	1.6
9	☐			327.79	0.0001	P	25.1

$$y = 2.2273\text{E-}004 * x + 1.2306\text{E-}005$$

$$R = 1.0000$$

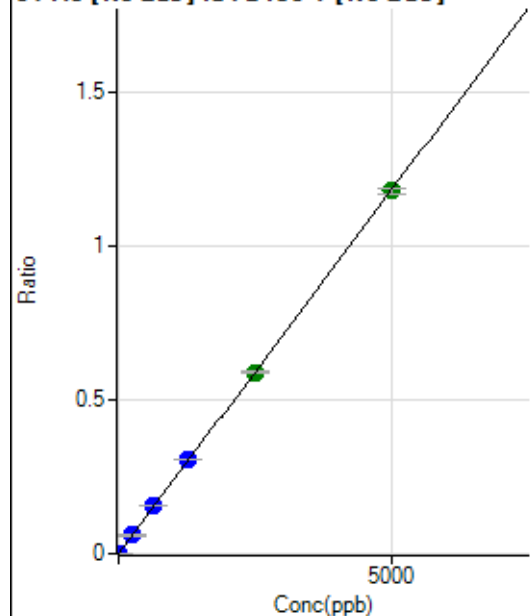
$$DL = 0.1404$$

$$BEC = 0.05525$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.8
2	☐	0.500	0.474	527.80	0.0001	P	26.7
3	☐	5.000	4.800	4553.65	0.0012	P	2.9
4	☐	250.000	254.217	236477.62	0.0601	P	3.4
5	☐	625.000	652.899	602606.29	0.1543	P	1.4
6	☐	1250.000	1297.097	1207872.48	0.3065	P	0.6
7	☐	2500.000	2492.825	2409850.96	0.5891	A	1.4
8	☐	5000.000	4988.115	5009450.72	1.1788	A	1.8
9	☐			2658.66	0.0007	P	3.4

$$y = 2.3631\text{E-}004 * x + 2.3681\text{E-}005$$

$$R = 0.9999$$

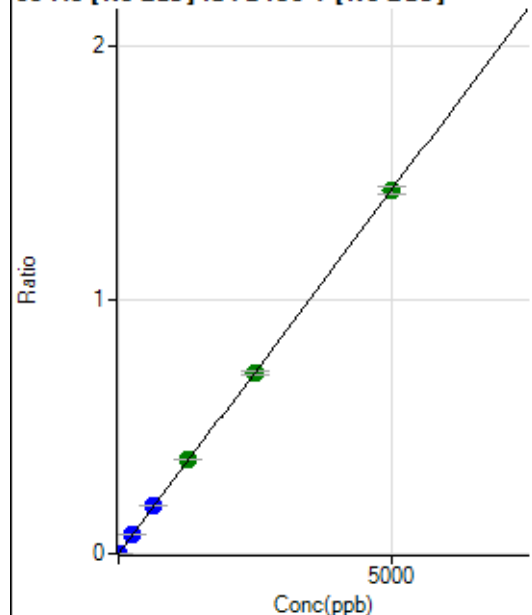
$$DL = 0.09562$$

$$BEC = 0.1002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	57.0
2	☐	0.500	0.419	497.25	0.0001	P	18.3
3	☐	5.000	5.012	5681.87	0.0014	P	6.2
4	☐	250.000	255.769	288558.85	0.0733	P	2.9
5	☐	625.000	656.099	734552.53	0.1881	P	0.7
6	☐	1250.000	1293.864	1461550.38	0.3709	A	0.2
7	☐	2500.000	2489.868	2919707.07	0.7138	A	1.5
8	☐	5000.000	4989.924	6078932.60	1.4305	A	2.1
9	☐			3772.85	0.0010	P	2.1

$$y = 2.8667E-004 * x + 7.8834E-006$$

$$R = 0.9999$$

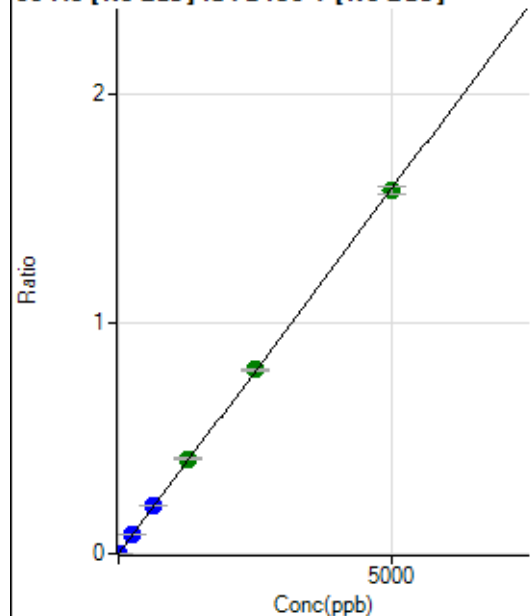
$$DL = 0.047$$

$$BEC = 0.0275$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	100.00	0.0000	P	35.0
2	☐	0.500	0.554	783.38	0.0002	P	9.0
3	☐	5.000	4.828	6118.17	0.0016	P	0.9
4	☐	250.000	255.022	318254.90	0.0809	P	1.4
5	☐	625.000	657.456	813844.47	0.2084	P	1.2
6	☐	1250.000	1299.241	1622592.38	0.4118	A	1.4
7	☐	2500.000	2519.741	3266986.73	0.7986	A	1.7
8	☐	5000.000	4973.511	6698504.92	1.5764	A	2.2
9	☐			4617.59	0.0012	P	2.8

$$y = 3.1694E-004 * x + 2.5926E-005$$

$$R = 0.9999$$

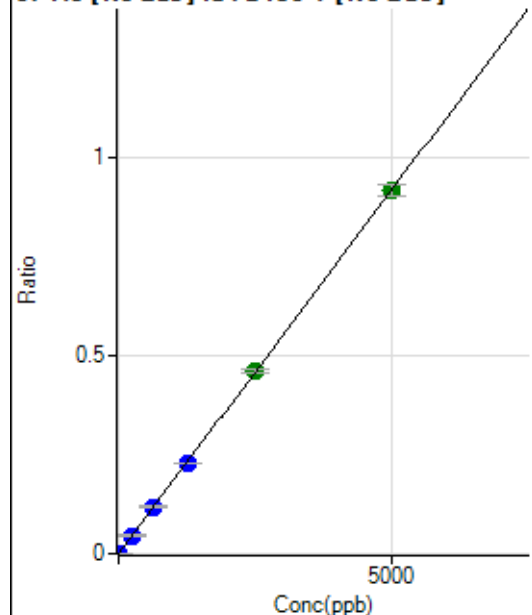
$$DL = 0.08585$$

$$BEC = 0.0818$$

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	11.11	0.0000	P	86.6
2	☐	0.500	0.366	272.23	0.0001	P	10.1
3	☐	5.000	4.771	3450.53	0.0009	P	5.7
4	☐	250.000	248.491	179320.11	0.0456	P	3.0
5	☐	625.000	644.046	461206.69	0.1181	P	1.6
6	☐	1250.000	1251.496	904290.03	0.2295	P	0.4
7	☐	2500.000	2512.982	1884884.81	0.4608	A	2.2
8	☐	5000.000	4990.830	3888534.07	0.9152	A	3.3
9	☐			2394.71	0.0006	P	10.9

$$y = 1.8338\text{E-}004 * x + 2.8653\text{E-}006$$

$$R = 1.0000$$

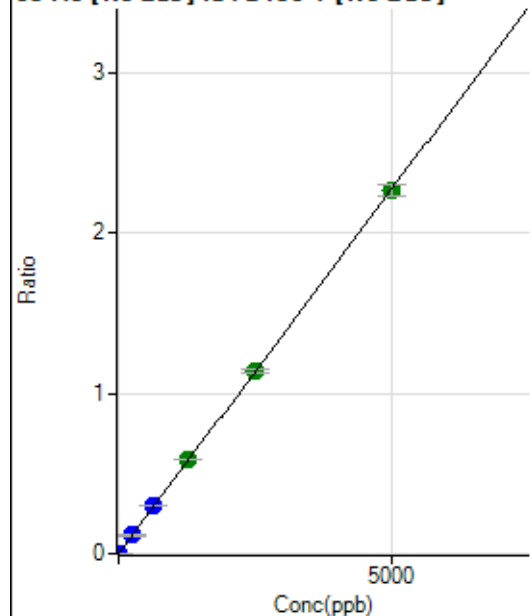
$$DL = 0.04062$$

$$BEC = 0.01563$$

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	22.22	0.0000	P	44.9
2	☐	0.500	0.424	772.27	0.0002	P	7.0
3	☐	5.000	4.788	8577.86	0.0022	P	4.0
4	☐	250.000	251.752	450339.17	0.1144	P	2.7
5	☐	625.000	654.535	1161821.67	0.2975	P	1.6
6	☐	1250.000	1296.336	2321827.18	0.5892	A	0.4
7	☐	2500.000	2508.270	4663552.45	1.1401	A	1.5
8	☐	5000.000	4980.502	9619065.14	2.2638	A	3.1
9	☐			6065.37	0.0016	P	5.7

$$y = 4.5454\text{E-}004 * x + 5.7623\text{E-}006$$

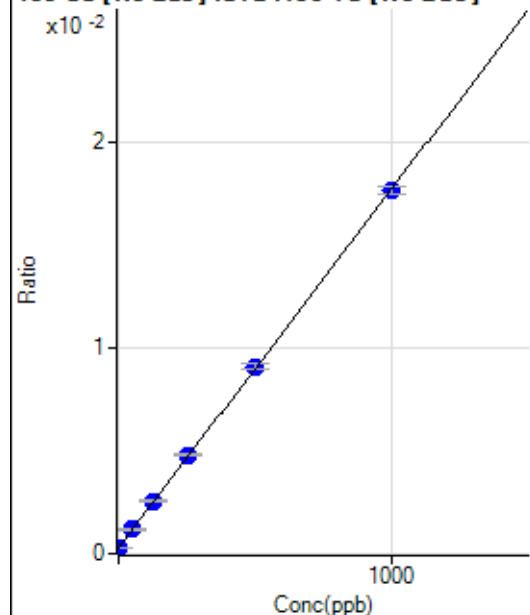
$$R = 0.9999$$

$$DL = 0.01709$$

$$BEC = 0.01268$$

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	900.05	0.0003	P	5.7
2	☐	0.100	-0.573	858.38	0.0003	P	8.3
3	☐	1.000	0.366	941.73	0.0003	P	19.2
4	☐	50.000	51.112	3856.20	0.0012	P	4.4
5	☐	125.000	129.279	8413.94	0.0025	P	3.7
6	☐	250.000	258.173	15979.05	0.0048	P	2.2
7	☐	500.000	504.434	31739.88	0.0091	P	3.0
8	☐	1000.000	995.150	64040.56	0.0176	P	2.1
9	☐			877.83	0.0003	P	2.1

$$y = 1.7407\text{E-}005 * x + 2.7671\text{E-}004$$

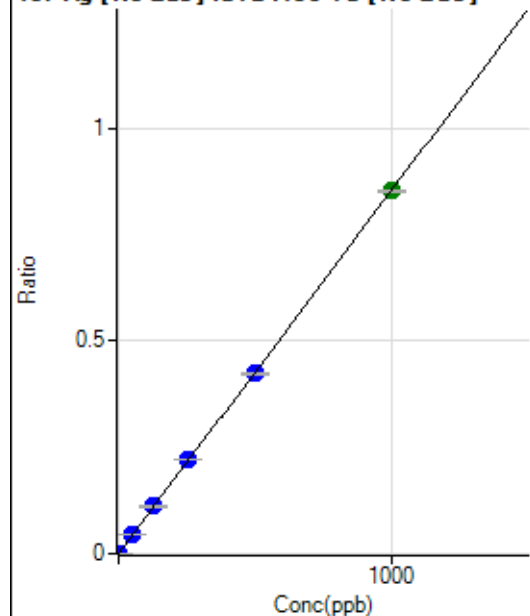
$$R = 0.9999$$

$$DL = 2.705$$

$$BEC = 15.9$$

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	27.78	0.0000	P	86.6
2	☐	0.100	0.101	305.57	0.0001	P	18.8
3	☐	1.000	0.997	2861.49	0.0009	P	2.3
4	☐	50.000	51.939	146540.17	0.0443	P	2.1
5	☐	125.000	130.123	369970.66	0.1111	P	1.7
6	☐	250.000	259.297	741532.04	0.2214	P	0.8
7	☐	500.000	496.170	1484447.26	0.4236	P	0.6
8	☐	1000.000	998.853	3103480.67	0.8527	A	0.5
9	☐			966.73	0.0003	P	9.9

$$y = 8.5372\text{E-}004 * x + 8.6202\text{E-}006$$

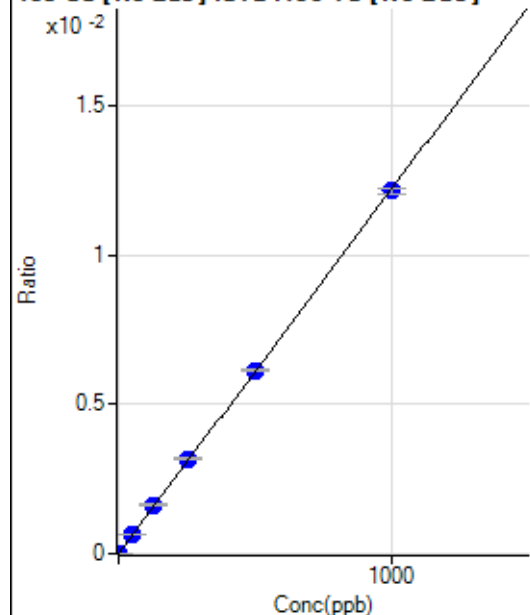
$$R = 0.9999$$

$$DL = 0.02623$$

$$BEC = 0.0101$$

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	4.17	0.0000	P	100.9
2	☐	0.100	0.107	8.34	0.0000	P	86.1
3	☐	1.000	1.233	54.17	0.0000	P	29.3
4	☐	50.000	51.547	2082.13	0.0006	P	1.0
5	☐	125.000	133.960	5445.58	0.0016	P	1.0
6	☐	250.000	260.261	10636.13	0.0032	P	2.7
7	☐	500.000	501.872	21455.65	0.0061	P	1.0
8	☐	1000.000	995.301	44180.31	0.0121	P	1.9
9	☐			70.83	0.0000	P	23.9

$$y = 1.2197\text{E-}005 * x + 1.2847\text{E-}006$$

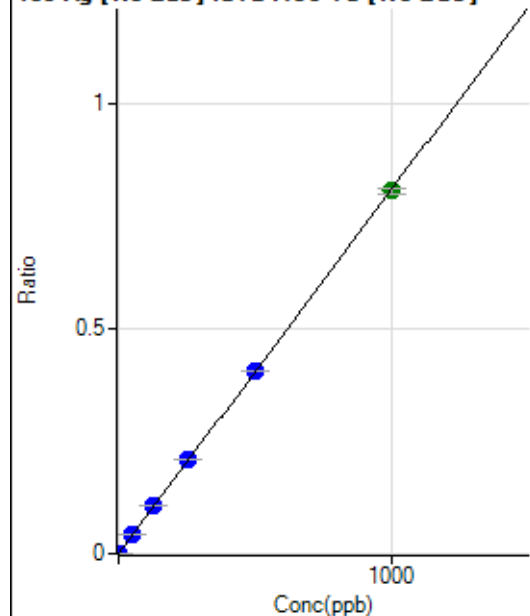
$$R = 0.9999$$

$$DL = 0.319$$

$$BEC = 0.1053$$

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	27.78	0.0000	P	44.3
2	☐	0.100	0.102	294.45	0.0001	P	10.0
3	☐	1.000	0.987	2686.46	0.0008	P	3.0
4	☐	50.000	51.474	137848.85	0.0417	P	0.5
5	☐	125.000	131.562	354988.48	0.1066	P	1.1
6	☐	250.000	259.164	703375.02	0.2100	P	0.3
7	☐	500.000	500.786	1421842.89	0.4057	P	0.5
8	☐	1000.000	996.422	2937620.38	0.8073	A	1.8
9	☐			875.06	0.0003	P	15.2

$$y = 8.1018\text{E-}004 * x + 8.5072\text{E-}006$$

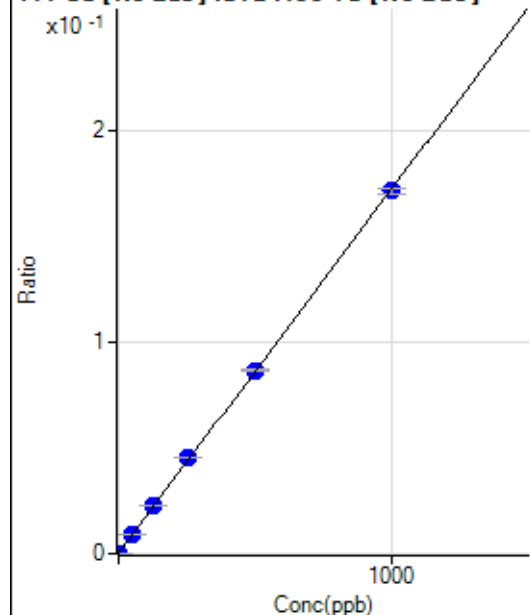
$$R = 0.9999$$

$$DL = 0.01394$$

$$BEC = 0.0105$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	656.29	0.0002	P	6.0
2	☒	0.100					
3	☐	1.000	0.865	1165.76	0.0004	P	11.6
4	☐	50.000	51.807	30097.12	0.0091	P	0.5
5	☐	125.000	131.755	76089.33	0.0228	P	1.4
6	☐	250.000	262.347	151726.47	0.0453	P	1.5
7	☐	500.000	500.849	302408.39	0.0863	P	1.1
8	☐	1000.000	995.554	623445.98	0.1713	P	1.6
9	☐			874.63	0.0003	P	6.0

$$y = 1.7189\text{E-}004 * x + 2.0176\text{E-}004$$

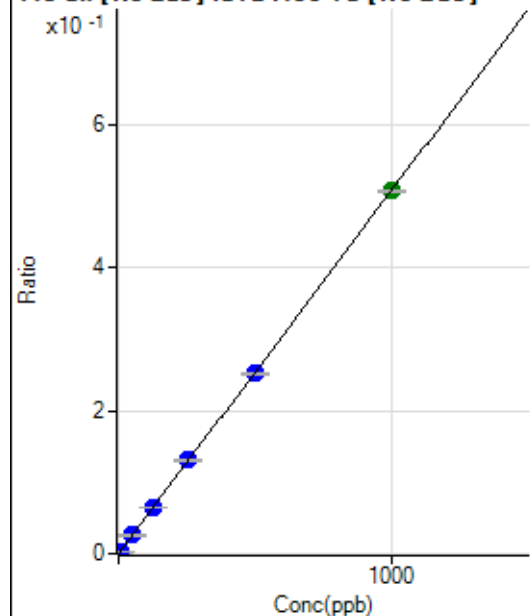
$$R = 0.9999$$

$$DL = 0.2112$$

$$BEC = 1.174$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	197.23	0.0001	P	14.9
2	☐	0.500	0.402	852.83	0.0003	P	2.3
3	☐	5.000	4.988	8636.26	0.0026	P	3.2
4	☐	50.000	50.544	85125.32	0.0258	P	2.5
5	☐	125.000	128.406	217654.66	0.0654	P	0.9
6	☐	250.000	257.804	439333.39	0.1312	P	1.3
7	☐	500.000	496.900	885703.34	0.2527	P	1.0
8	☐	1000.000	999.146	1849299.35	0.5082	A	0.7
9	☐			2073.42	0.0006	P	26.8

$$y = 5.0853\text{E-}004 * x + 6.0756\text{E-}005$$

$$R = 1.0000$$

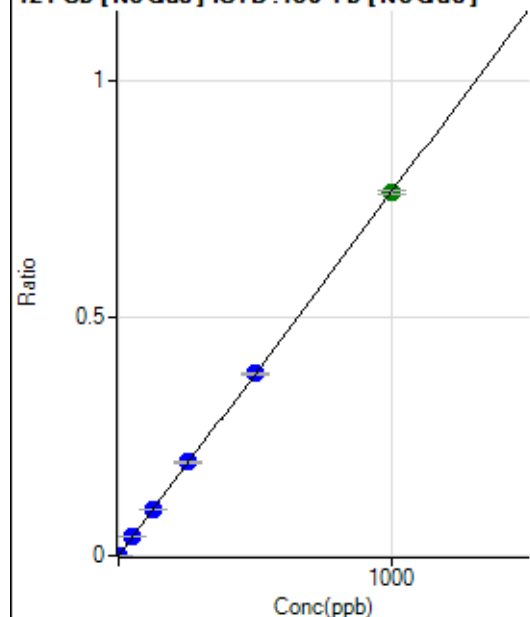
$$DL = 0.05332$$

$$BEC = 0.1195$$

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	22.22	0.0000	P	41.6
2	☐	0.200	0.208	533.36	0.0002	P	8.0
3	☐	2.000	1.927	4928.81	0.0015	P	4.0
4	☐	50.000	50.967	128900.79	0.0390	P	1.4
5	☐	125.000	128.102	326463.64	0.0980	P	1.2
6	☐	250.000	257.432	659892.26	0.1970	P	1.0
7	☐	500.000	499.922	1340658.77	0.3826	P	0.7
8	☐	1000.000	997.745	2778572.48	0.7635	A	1.1
9	☐			2564.20	0.0008	P	12.3

$$y = 7.6523\text{E-}004 * x + 6.8078\text{E-}006$$

$$R = 1.0000$$

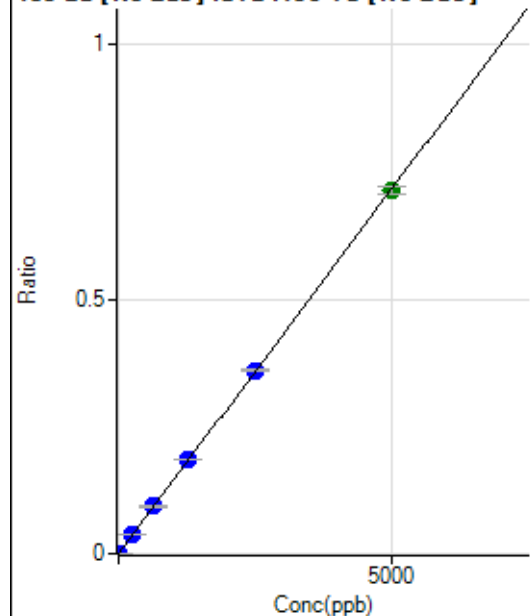
$$DL = 0.0111$$

$$BEC = 0.008896$$

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	44.45	0.0000	P	39.9
2	☐	1.000	0.833	427.80	0.0001	P	12.0
3	☐	10.000	9.805	4714.83	0.0014	P	4.1
4	☐	250.000	254.929	120627.65	0.0365	P	1.9
5	☐	625.000	647.764	308835.71	0.0927	P	1.5
6	☐	1250.000	1296.358	621631.75	0.1856	P	1.1
7	☐	2500.000	2513.681	1261016.60	0.3598	P	0.6
8	☐	5000.000	4978.479	2593226.06	0.7127	A	2.3
9	☐			4556.45	0.0014	P	8.3

$$y = 1.4315\text{E-}004 * x + 1.3723\text{E-}005$$

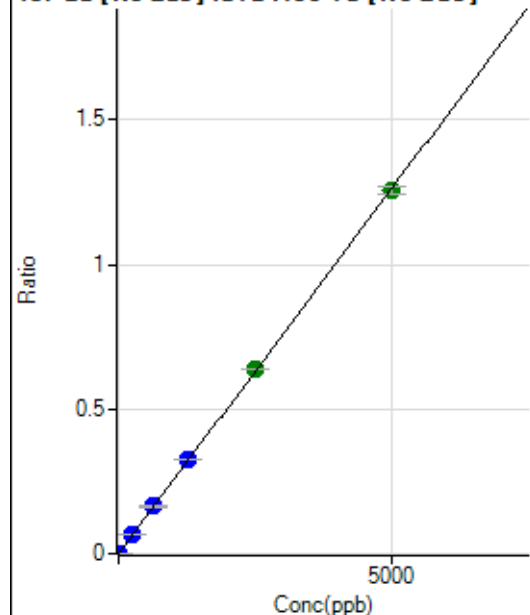
$$R = 0.9999$$

$$DL = 0.1148$$

$$BEC = 0.09587$$

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	33.33	0.0000	P	50.7
2	☐	1.000	0.955	808.38	0.0003	P	10.2
3	☐	10.000	9.793	8244.37	0.0025	P	3.8
4	☐	250.000	253.855	211549.99	0.0640	P	1.1
5	☐	625.000	647.079	543291.22	0.1632	P	2.6
6	☐	1250.000	1288.158	1087932.37	0.3248	P	0.8
7	☐	2500.000	2527.956	2233638.05	0.6374	A	0.7
8	☐	5000.000	4973.531	4563008.31	1.2540	A	2.1
9	☐			8172.15	0.0025	P	4.0

$$y = 2.5213\text{E-}004 * x + 1.0266\text{E-}005$$

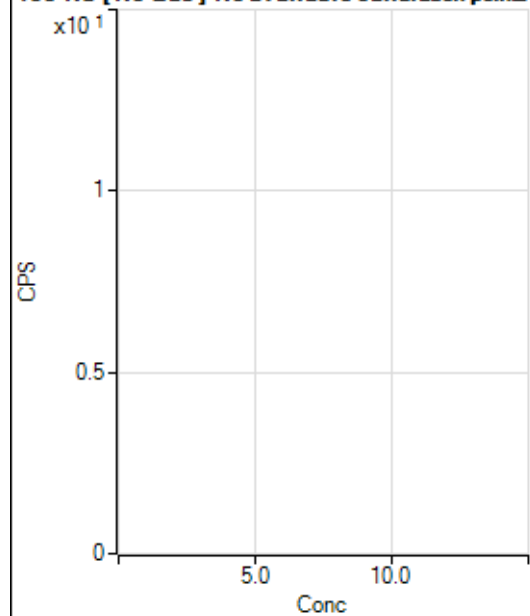
$$R = 0.9999$$

$$DL = 0.06196$$

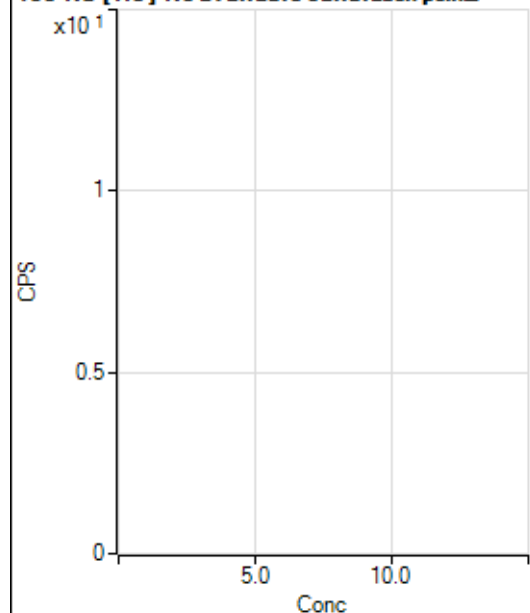
$$BEC = 0.04072$$

Weight: <None>

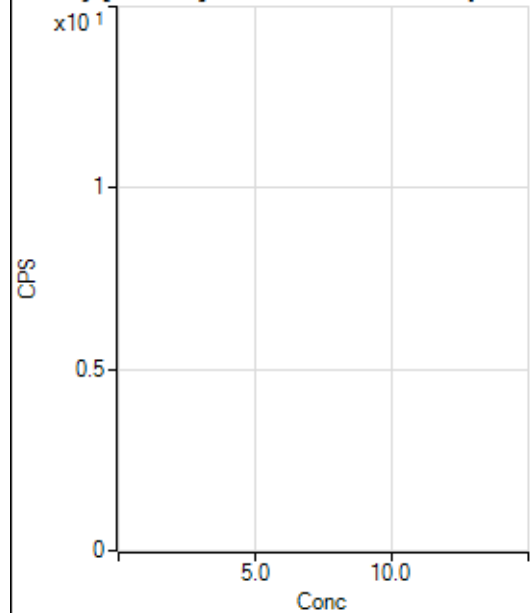
Min Conc: 0

150 Nd [No Gas] No available calibration points

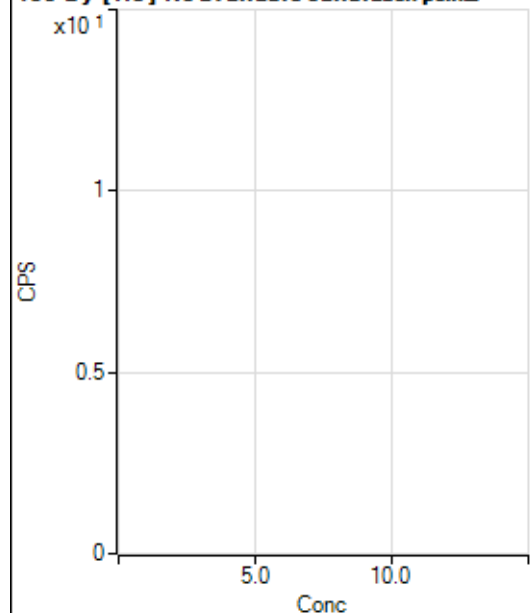
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	NaN
2	☐			2.22		P	173.2
3	☐			4.44		P	173.2
4	☐			24.44		P	78.7
5	☐			26.67		P	50.0
6	☐			28.89		P	35.2
7	☐			46.67		P	24.7
8	☐			91.12		P	47.6
9	☐			6.67		P	100.0

150 Nd [He] No available calibration points

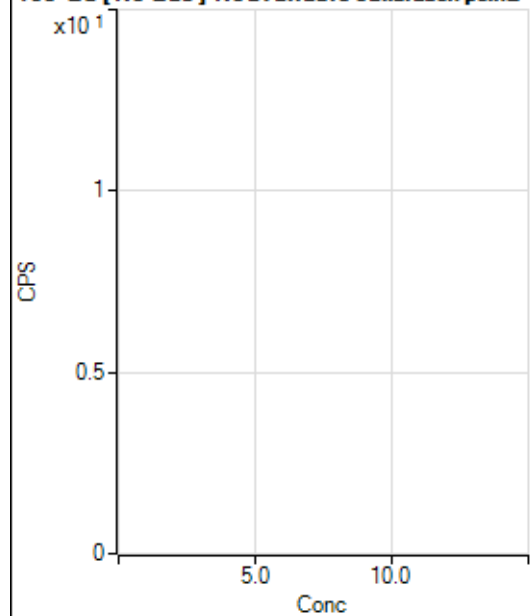
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			4.45		P	86.6
5	☐			3.33		P	100.1
6	☐			6.67		P	132.3
7	☐			5.55		P	124.9
8	☐			8.89		P	43.3
9	☐			5.55		P	69.3

156 Dy [No Gas] No available calibration points

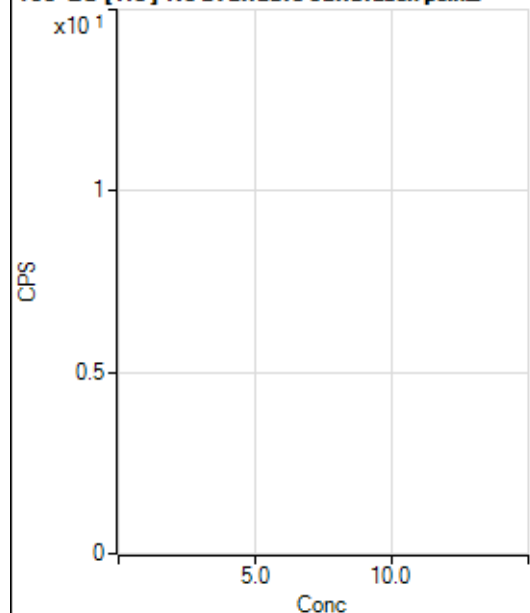
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	91.6
2	☐			8.33		P	0.0
3	☐			5.55		P	86.6
4	☐			11.11		P	114.6
5	☐			30.55		P	15.7
6	☐			19.44		P	49.5
7	☐			30.56		P	56.8
8	☐			63.89		P	30.1
9	☐			133.34		P	10.8

156 Dy [He] No available calibration points

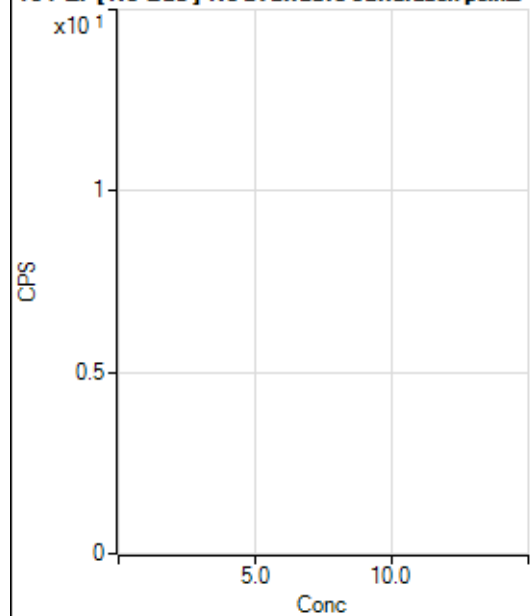
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐			1.11		P	173.2
3	☐			3.33		P	100.1
4	☐			0.00		P	
5	☐			8.89		P	21.6
6	☐			7.78		P	24.7
7	☐			15.56		P	32.7
8	☐			27.78		P	30.2
9	☐			76.67		P	0.0

160 Gd [No Gas] Noavailable calibration poin_

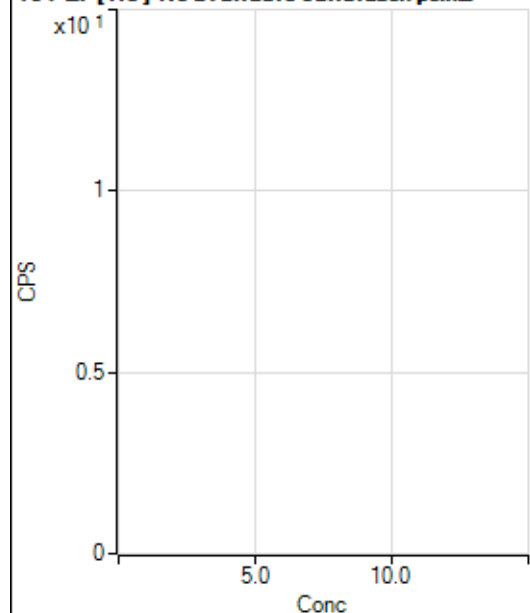
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	45.8
2	☐			13.89		P	34.7
3	☐			38.89		P	32.7
4	☐			36.11		P	26.7
5	☐			41.67		P	20.0
6	☐			47.22		P	71.3
7	☐			52.78		P	48.2
8	☐			61.11		P	20.8
9	☐			172.23		P	40.3

160 Gd [He] No available calibration points

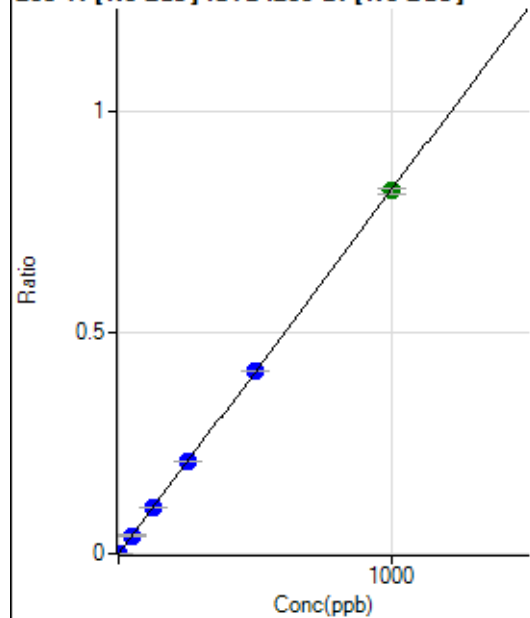
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	21.6
2	☐			12.22		P	63.0
3	☐			6.66		P	86.6
4	☐			12.22		P	56.8
5	☐			8.89		P	57.3
6	☐			21.11		P	39.7
7	☐			23.34		P	24.7
8	☐			32.22		P	23.9
9	☐			96.67		P	17.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22.22		P	21.6
2	☐			5.55		P	86.6
3	☐			2.78		P	173.2
4	☐			19.45		P	24.7
5	☐			25.00		P	33.3
6	☐			16.67		P	50.0
7	☐			30.56		P	41.7
8	☐			38.89		P	65.5
9	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	132.3
2	☐			5.56		P	91.6
3	☐			7.78		P	24.7
4	☐			10.00		P	0.0
5	☐			11.11		P	34.6
6	☐			7.78		P	49.5
7	☐			6.67		P	100.0
8	☐			13.33		P	50.0
9	☐			10.00		P	57.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0001	P	35.6
2	☐	0.100	0.059	194.45	0.0001	P	18.5
3	☐	1.000	0.893	1516.81	0.0008	P	4.0
4	☐	50.000	50.052	79392.65	0.0412	P	1.5
5	☐	125.000	128.424	204962.63	0.1057	P	1.2
6	☐	250.000	254.192	410569.15	0.2092	P	1.2
7	☐	500.000	502.594	827907.02	0.4136	P	0.5
8	☐	1000.000	997.225	1730173.87	0.8207	A	1.8
9	☐			947.29	0.0005	P	14.5

$$y = 8.2292E-004 * x + 5.4600E-005$$

$$R = 1.0000$$

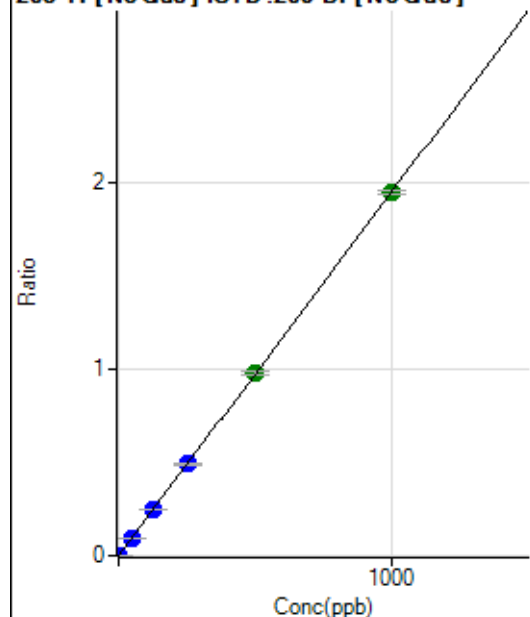
$$DL = 0.07091$$

$$BEC = 0.06635$$

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	161.12	0.0001	P	14.6
2	☐	0.100	0.100	530.58	0.0003	P	12.8
3	☐	1.000	0.948	3708.97	0.0019	P	4.6
4	☐	50.000	49.872	187287.53	0.0973	P	0.5
5	☐	125.000	126.847	479398.44	0.2473	P	1.5
6	☐	250.000	252.050	964163.22	0.4913	P	1.2
7	☐	500.000	502.338	1959784.29	0.9792	A	1.6
8	☐	1000.000	998.094	4101442.93	1.9454	A	1.1
9	☐			2214.16	0.0012	P	13.8

$$y = 0.0019 * x + 8.5713E-005$$

$$R = 1.0000$$

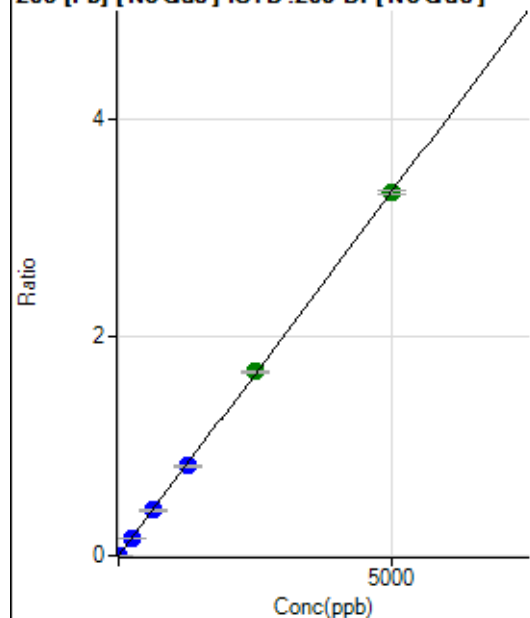
$$DL = 0.01928$$

$$BEC = 0.04398$$

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	192.60	0.0001	P	11.4
2	☐	0.100	0.064	274.08	0.0001	P	3.5
3	☐	1.000	1.065	1557.53	0.0008	P	1.3
4	☐	250.000	244.247	313014.39	0.1626	P	1.3
5	☐	625.000	622.364	802857.90	0.4142	P	0.9
6	☐	1250.000	1231.748	1608279.84	0.8196	P	1.2
7	☐	2500.000	2530.967	3370503.06	1.6840	A	0.5
8	☐	5000.000	4989.697	6998895.18	3.3199	A	1.2
9	☐			5832.88	0.0032	P	2.3

$$y = 6.6532E-004 * x + 1.0259E-004$$

$$R = 1.0000$$

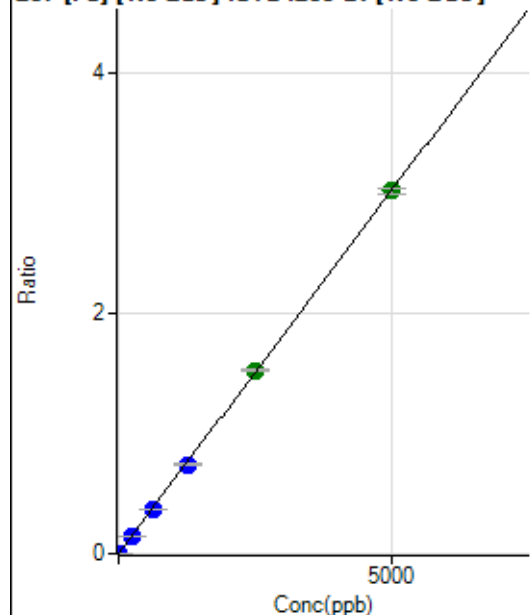
$$DL = 0.05292$$

$$BEC = 0.1542$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	168.52	0.0001	P	23.5
2	☐	0.100	0.065	244.45	0.0001	P	9.3
3	☐	1.000	0.936	1257.50	0.0007	P	14.1
4	☐	250.000	242.199	282085.83	0.1465	P	0.2
5	☐	625.000	620.067	726953.89	0.3750	P	0.2
6	☐	1250.000	1228.141	1457310.23	0.7427	P	0.9
7	☐	2500.000	2518.747	3048285.48	1.5230	A	0.9
8	☐	5000.000	4997.098	6369997.36	3.0215	A	1.6
9	☐			5165.91	0.0028	P	2.2

$$y = 6.0464E-004 * x + 8.9960E-005$$

$$R = 1.0000$$

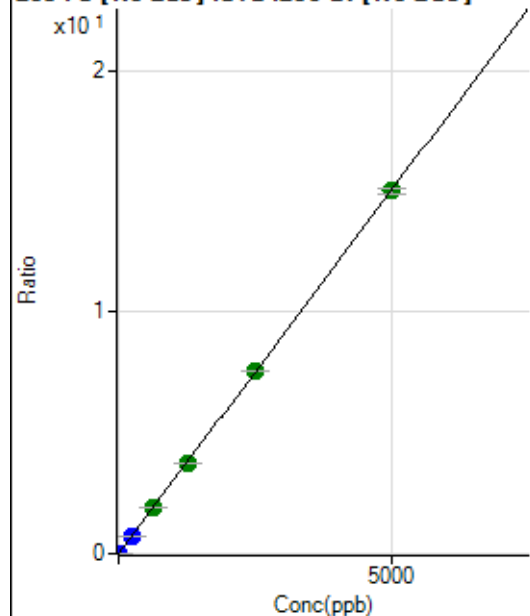
$$DL = 0.1048$$

$$BEC = 0.1488$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	854.65	0.0005	P	9.7
2	☒	0.100					
3	☐	1.000	0.972	6483.08	0.0034	P	5.9
4	☐	250.000	244.553	1416181.46	0.7357	P	0.5
5	☐	625.000	633.392	3692201.21	1.9046	A	0.3
6	☐	1250.000	1251.894	7386159.13	3.7640	A	0.4
7	☐	2500.000	2515.460	15136573.05	7.5627	A	0.5
8	☐	5000.000	4991.020	31633361.12	15.0050	A	1.3
9	☐			26227.01	0.0144	P	0.7

$$y = 0.0030 * x + 4.5537E-004$$

$$R = 1.0000$$

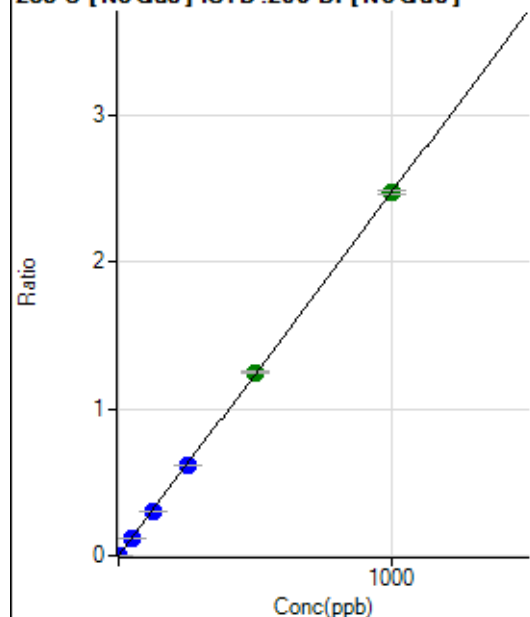
$$DL = 0.04415$$

$$BEC = 0.1515$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.0
2	☐	0.100	0.083	433.35	0.0002	P	6.3
3	☐	1.000	0.917	4403.66	0.0023	P	1.9
4	☐	50.000	48.671	231772.86	0.1204	P	1.1
5	☐	125.000	123.669	592944.60	0.3059	P	1.1
6	☐	250.000	247.403	1200741.82	0.6119	P	0.8
7	☐	500.000	503.589	2492874.21	1.2455	A	1.1
8	☐	1000.000	999.088	5209426.81	2.4710	A	1.1
9	☐			763.93	0.0004	P	4.5

$$y = 0.0025 * x + 2.5169E-005$$

$$R = 1.0000$$

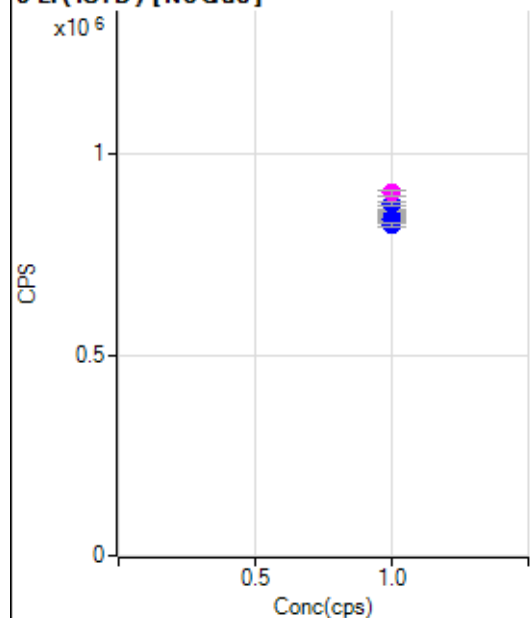
$$DL = 0.008257$$

$$BEC = 0.01018$$

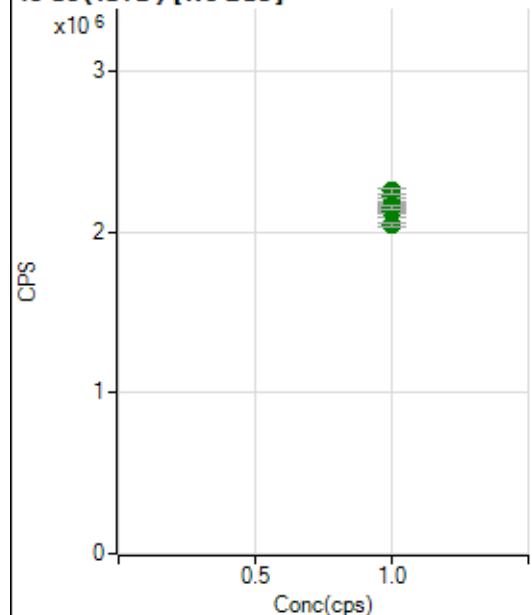
Weight: <None>

Min Conc: 0

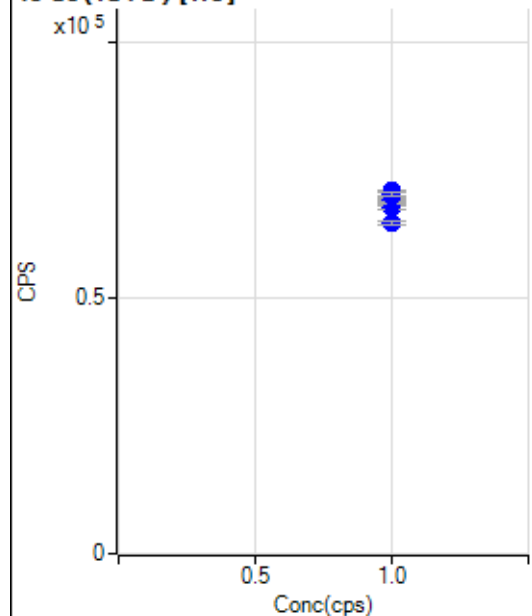
6 Li (ISTD) [No Gas]



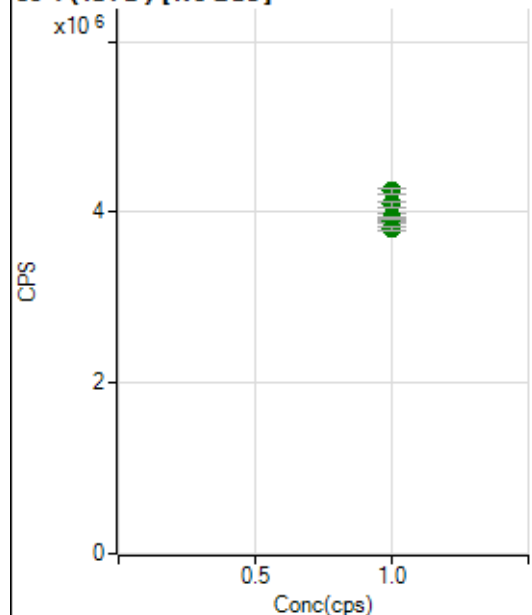
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		838217.22		P	0.7
2	☐	1.000		844002.17		P	1.1
3	☐	1.000		839230.59		P	1.1
4	☐	1.000		849351.39		P	1.1
5	☐	1.000		847810.01		P	0.4
6	☐	1.000		858894.22		P	0.3
7	☐	1.000		876870.38		P	0.6
8	☐	1.000		903963.75		M	1.4
9	☐	1.000		823293.55		P	1.1

45 Sc (ISTD) [No Gas]

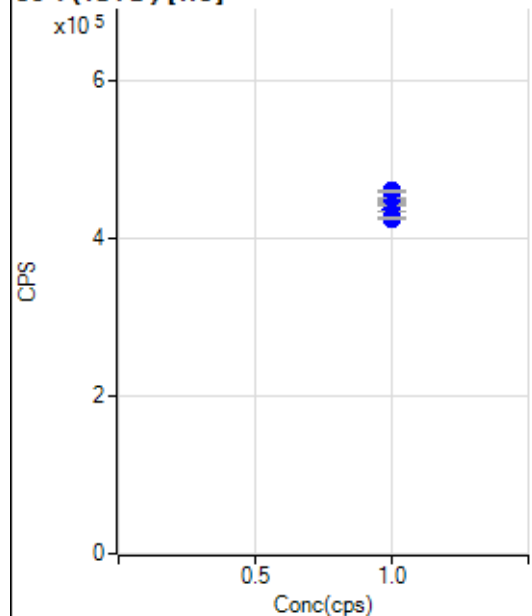
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2113413.65		A	1.6
2	☐	1.000		2124611.62		A	1.1
3	☐	1.000		2173356.74		A	1.2
4	☐	1.000		2165052.02		A	0.7
5	☐	1.000		2168398.89		A	0.9
6	☐	1.000		2151641.34		A	1.2
7	☐	1.000		2219856.72		A	1.0
8	☐	1.000		2255742.01		A	1.8
9	☐	1.000		2045471.39		A	0.7

45 Sc (ISTD) [He]

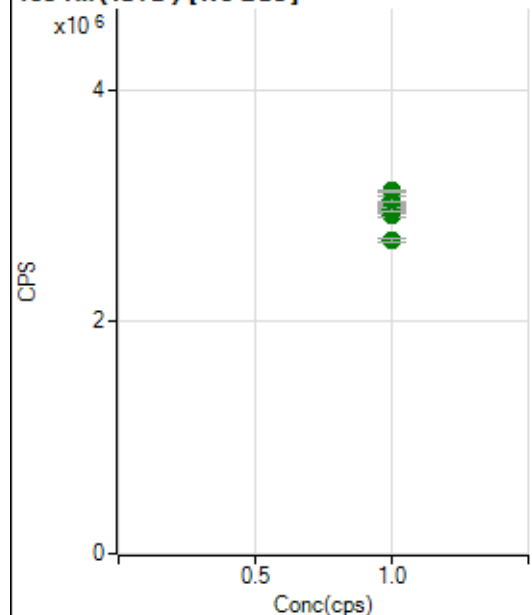
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		67781.13		P	1.3
2	☐	1.000		68942.13		P	1.0
3	☐	1.000		69729.23		P	0.3
4	☐	1.000		70949.86		P	0.8
5	☐	1.000		69351.99		P	1.9
6	☐	1.000		68488.98		P	0.6
7	☐	1.000		69774.01		P	0.6
8	☐	1.000		70303.19		P	0.7
9	☐	1.000		64756.17		P	1.0

89 Y (ISTD) [No Gas]

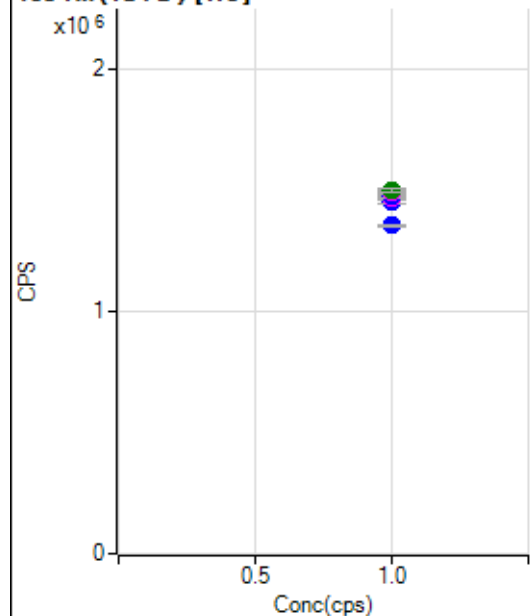
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3873964.38		A	1.9
2	☐	1.000		3890248.66		A	0.7
3	☐	1.000		3931571.22		A	0.9
4	☐	1.000		3936974.07		A	2.5
5	☐	1.000		3905471.88		A	1.1
6	☐	1.000		3940314.24		A	0.6
7	☐	1.000		4090776.47		A	1.3
8	☐	1.000		4250539.34		A	1.9
9	☐	1.000		3811344.39		A	0.9

89 Y (ISTD) [He]

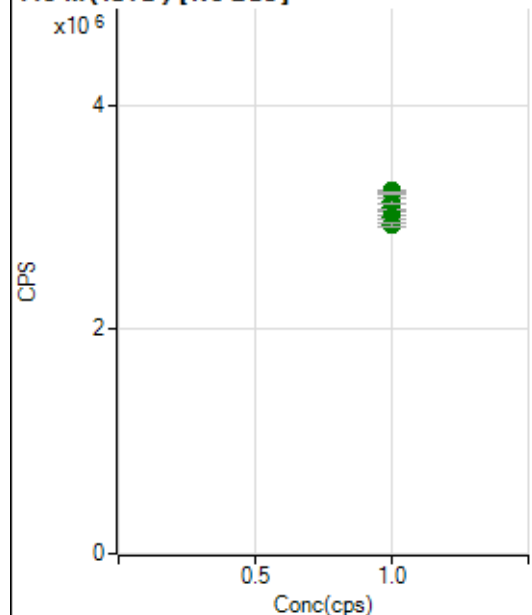
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		436711.26		P	1.8
2	☐	1.000		443629.08		P	0.2
3	☐	1.000		447863.93		P	1.1
4	☐	1.000		449678.90		P	0.1
5	☐	1.000		446784.50		P	0.4
6	☐	1.000		441430.64		P	0.7
7	☐	1.000		450247.90		P	0.2
8	☐	1.000		459618.85		P	0.6
9	☐	1.000		424604.27		P	0.9

103 Rh (ISTD) [No Gas]

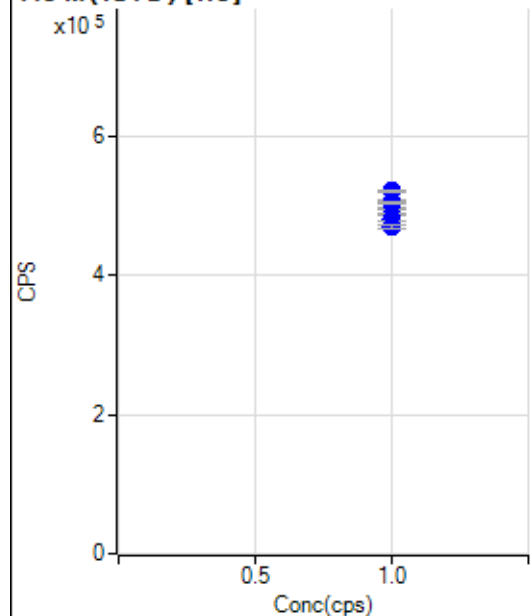
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2922988.13		A	0.9
2	☐	1.000		2965163.39		A	1.6
3	☐	1.000		2983214.41		A	1.6
4	☐	1.000		2991520.14		A	1.8
5	☐	1.000		2949181.77		A	1.2
6	☐	1.000		2969212.24		A	0.7
7	☐	1.000		3056998.66		A	1.9
8	☐	1.000		3128392.93		A	0.8
9	☐	1.000		2701269.89		A	1.5

103 Rh (ISTD) [He]

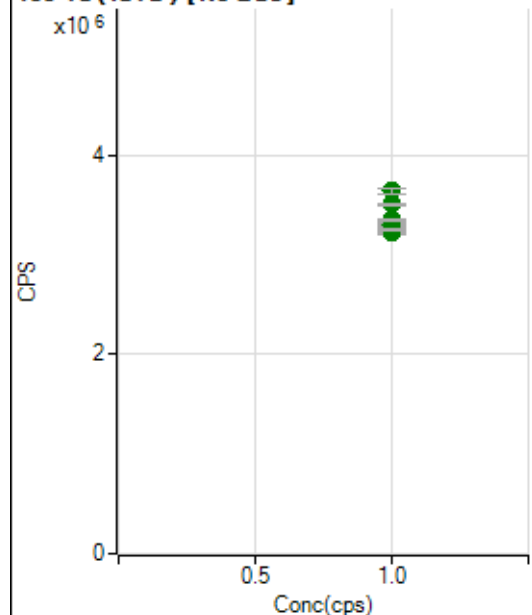
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1455600.20		P	1.1
2	☐	1.000		1465053.07		M	0.6
3	☐	1.000		1480231.33		M	0.7
4	☐	1.000		1491982.32		M	0.8
5	☐	1.000		1482586.19		M	0.5
6	☐	1.000		1475346.75		P	1.4
7	☐	1.000		1488357.41		M	0.9
8	☐	1.000		1497416.70		A	0.9
9	☐	1.000		1355633.46		P	0.7

115 In (ISTD) [No Gas]

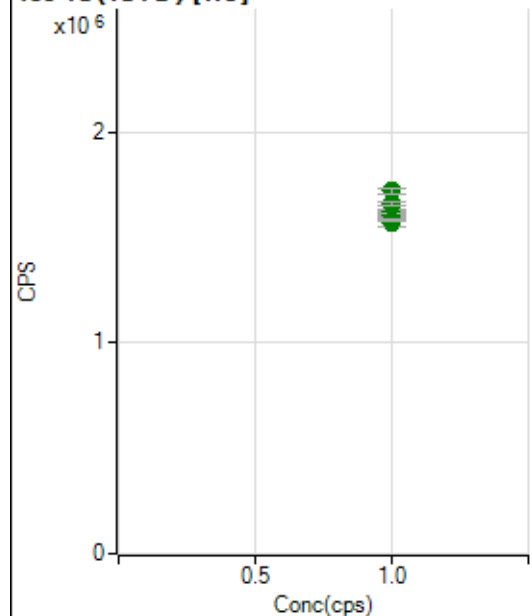
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2931765.90		A	1.1
2	☐	1.000		3004695.19		A	0.9
3	☐	1.000		2988776.85		A	0.1
4	☐	1.000		3065472.40		A	0.7
5	☐	1.000		3098196.62		A	1.9
6	☐	1.000		3147309.86		A	1.9
7	☐	1.000		3238697.18		A	0.6
8	☐	1.000		3221339.12		A	0.6
9	☐	1.000		2938842.81		A	1.2

115 In (ISTD) [He]

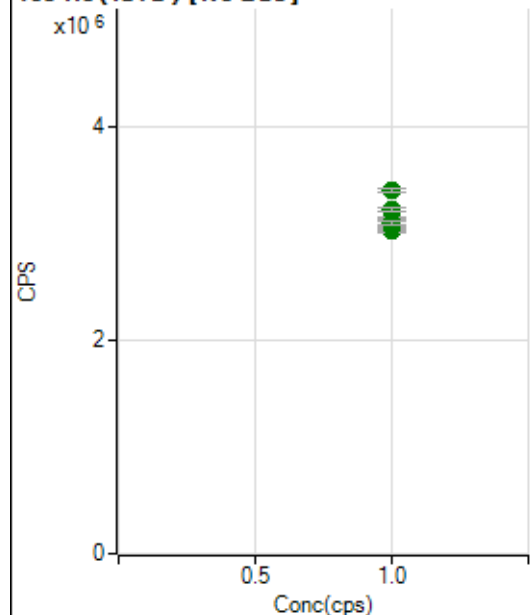
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		481148.42		P	1.8
2	☐	1.000		489604.35		P	0.2
3	☐	1.000		495871.29		P	0.4
4	☐	1.000		503744.91		P	0.6
5	☐	1.000		505091.29		P	1.0
6	☐	1.000		503301.70		P	0.6
7	☐	1.000		521191.90		P	0.4
8	☐	1.000		502933.90		P	0.5
9	☐	1.000		470690.49		P	1.2

159 Tb (ISTD) [No Gas]

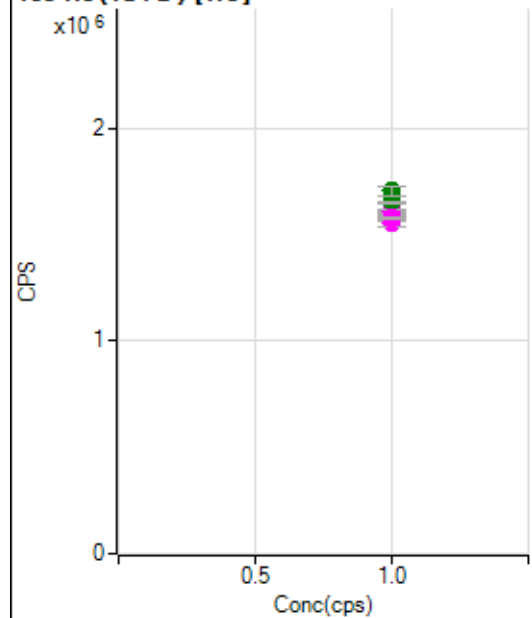
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3250871.83		A	1.5
2	☐	1.000		3217144.78		A	0.8
3	☐	1.000		3326614.05		A	1.8
4	☐	1.000		3304933.29		A	1.6
5	☐	1.000		3330378.14		A	1.1
6	☐	1.000		3349772.97		A	0.8
7	☐	1.000		3504363.28		A	0.3
8	☐	1.000		3639432.97		A	1.3
9	☐	1.000		3250243.49		A	0.4

159 Tb (ISTD) [He]

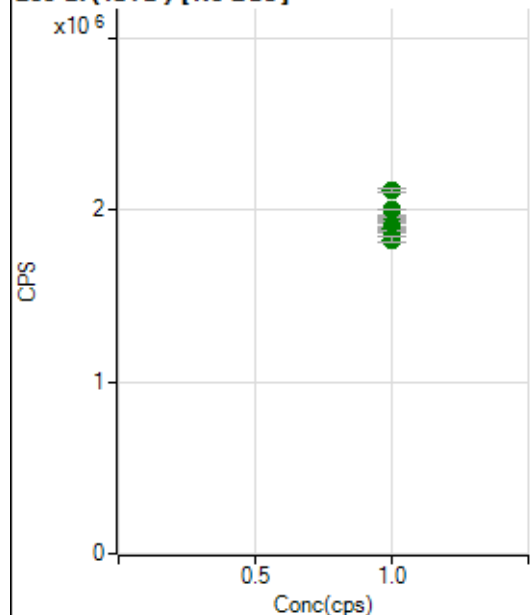
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1565282.27		A	1.6
2	☐	1.000		1599574.71		M	0.8
3	☐	1.000		1600267.28		A	1.0
4	☐	1.000		1617663.36		A	0.2
5	☐	1.000		1617506.80		A	2.0
6	☐	1.000		1605545.69		A	1.1
7	☐	1.000		1657880.86		A	1.2
8	☐	1.000		1719222.18		A	1.6
9	☐	1.000		1579684.96		A	0.6

165 Ho (ISTD) [No Gas]

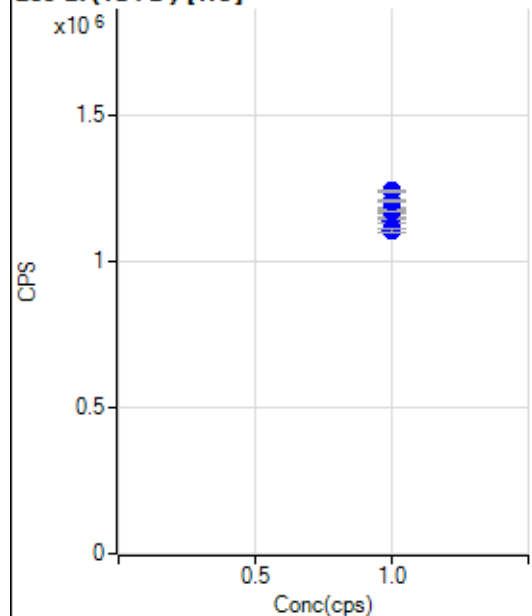
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3035183.73		A	0.3
2	☐	1.000		3027356.08		A	0.7
3	☐	1.000		3070805.99		A	1.1
4	☐	1.000		3076815.78		A	0.7
5	☐	1.000		3137553.54		A	1.0
6	☐	1.000		3148395.08		A	0.5
7	☐	1.000		3223173.62		A	1.0
8	☐	1.000		3404047.39		A	1.2
9	☐	1.000		3100245.01		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1557939.71		M	2.3
2	☐	1.000		1576716.96		M	1.2
3	☐	1.000		1584563.87		A	0.6
4	☐	1.000		1614695.37		A	0.5
5	☐	1.000		1605144.59		A	1.4
6	☐	1.000		1610229.04		M	1.1
7	☐	1.000		1649966.97		A	0.4
8	☐	1.000		1705582.28		A	2.4
9	☐	1.000		1577901.76		M	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1877356.55		A	1.4
2	☐	1.000		1887770.79		A	1.4
3	☐	1.000		1920020.34		A	1.5
4	☐	1.000		1925093.38		A	0.6
5	☐	1.000		1938512.97		A	0.6
6	☐	1.000		1962296.44		A	0.3
7	☐	1.000		2001468.37		A	0.1
8	☐	1.000		2108387.64		A	1.2
9	☐	1.000		1827143.51		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1137122.43		P	1.4
2	☐	1.000		1149345.09		P	0.3
3	☐	1.000		1168296.16		P	0.5
4	☐	1.000		1184165.11		P	0.3
5	☐	1.000		1184265.66		P	0.5
6	☐	1.000		1173572.02		P	0.8
7	☐	1.000		1206457.45		P	0.7
8	☐	1.000		1241297.91		P	0.7
9	☐	1.000		1105401.61		P	1.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8061720 MS.b
Acq. Date-Time 2020-06-17 11:28:35
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		2805	28052.27			0.960	5.000
24		22075	220749.56			0.601	5.000
25		3180	31796.37			0.638	5.000
26		3672	36720.96			1.155	5.000
59		18237	182369.51			1.036	5.000
113		2816	28163.62			0.491	5.000
115		8544	85439.01			3.742	5.000
206		2818	28179.50			1.819	5.000
207		2365	23646.79			1.838	5.000
208		5829	58290.74			1.818	5.000
220		1	6.70			8.509	

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

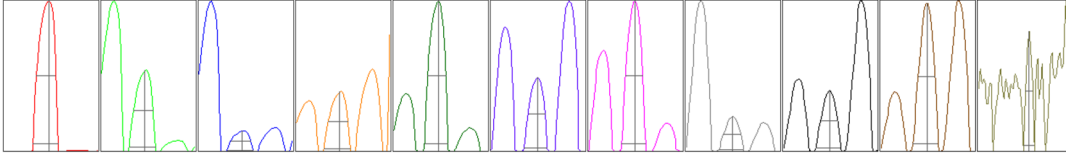
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2769	2807	2790	2839	2820
24	21961	21973	22002	22229	22209
25	3162	3157	3184	3188	3207
26	3654	3656	3622	3696	3732
59	18100	18126	18073	18430	18455
113	2800	2810	2813	2823	2837
115	9047	8670	8371	8368	8263
206	2770	2764	2816	2865	2874
207	2303	2351	2360	2420	2389
208	5769	5709	5801	5980	5886

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4890.00	8.95	8.90 - 9.10	
24	39027.24	23.90	23.90 - 24.10	
25	5174.40	24.90	24.90 - 25.10	
26	6092.00	25.90	25.90 - 26.10	
59	33065.03	58.95	58.90 - 59.10	
113	5478.38	113.00	112.90 - 113.10	
115	16642.58	115.00	114.90 - 115.10	
206	5374.74	206.00	205.90 - 206.10	
207	4499.89	207.00	206.90 - 207.10	
208	11204.92	208.00	207.90 - 208.10	
220	1.15	220.15	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.787	0.900	
24	0.63	0.831	0.900	
25	0.64	0.824	0.900	
26	0.63	0.831	0.900	
59	0.59	0.740	0.900	
113	0.53	0.733	0.900	
115	0.54	0.765	0.900	
206	0.54	0.781	0.900	
207	0.53	0.788	0.900	
208	0.54	0.806	0.900	
220	0.24	0.340		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.49 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.1 V	Deflect	14.6 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	170 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9997	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.07		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	0.0 mm

EM

Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1232 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4369	43693.67			0.321	
89		6901	69005.83			0.886	
205		8382	83815.02			0.680	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4374	4350	4367	4368	4389
89	6888	6815	6897	6919	6985
205	8352	8313	8465	8376	8401

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.49 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.1 V	Deflect	4.6 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	124	Axis Gain	0.9997	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.07		
Hardware Settings					
Torch					
Torch H	0.5 mm	Torch V	0.0 mm		
EM					
Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1232 V

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:21:12	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	-1.05	0.67	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.04	0.01	0.03	0.00	N/A	ppb
Barium	137-1	0.00	0.02	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.02	0.20	-0.18	0.00	N/A	ppb
Boron	10-1	0.04	0.39	-0.43	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	1.04	-0.55	-0.50	0.00	N/A	ppb
Cadmium	108-1	0.00	0.11	-0.11	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.05	-0.03	0.00	N/A	ppb
Calcium	43-1	-17.78	11.21	6.57	0.00	N/A	ppb
Calcium	44-1	-7.30	10.61	-3.31	0.00	N/A	ppb
Chromium	52-2	0.11	-0.02	-0.10	0.00	N/A	ppb
Cobalt	59-2	0.02	0.01	-0.02	0.00	N/A	ppb
Copper	63-2	0.03	0.01	-0.04	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	-3.44	1.99	1.45	0.00	N/A	ppb
Iron	56-2	-0.15	0.04	0.11	0.00	N/A	ppb
Iron	57-2	1.13	2.66	-3.79	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:21:12	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.20	1.07	-0.86	0.00	N/A	ppb
Manganese	55-2	0.08	-0.05	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Molybdenum	95-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	96-1	-0.03	0.03	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	0.09	0.00	N/A	ppb
Phosphorus	31-2	18.49	13.46	-5.59	8.79	144.56	ppb
Potassium	39-2	6.01	7.26	-13.27	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.25	-0.19	-0.06	0.00	N/A	ppb
Selenium	82-1	1.11	-1.52	0.41	0.00	N/A	ppb
Silicon	28-1	-2.30	3.00	-0.70	0.00	N/A	ppb
Silver	109-1	0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	-8.46	7.49	0.97	0.00	N/A	ppb
Strontium	86-1	0.10	-0.08	-0.02	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	-286.70	2050.62	745.66	836.53	140.02	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	0.02	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.22	0.19	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:21:12	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.20	-0.03	-0.17	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.04	0.05	-0.02	0.00	N/A	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:24:22	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	Rejected	Rejected	Rejected			ppb
Antimony	121-1	0.19	0.21	0.22	0.21	8.31	ppb
Arsenic	75-2	Rejected	Rejected	Rejected			ppb
Barium	135-1	0.73	0.82	0.95	0.83	13.39	ppb
Barium	137-1	0.84	0.99	1.03	0.96	10.60	ppb
Beryllium	9-1	0.08	0.09	0.05	0.07	28.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	11-1	1.24	2.25	2.18	1.89	29.80	ppb
Boron	10-1	1.17	0.92	1.00	1.03	12.07	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.63	-0.93	0.84	-0.57		ppb
Cadmium	108-1	0.00	0.00	0.32	0.11	171.23	ppb
Cadmium	111-1	Rejected	Rejected	Rejected			ppb
Calcium	43-1	36.97	75.71	44.86	52.51	38.99	ppb
Calcium	44-1	40.90	34.99	36.19	37.36	8.36	ppb
Chromium	52-2	0.25	0.14	0.20	0.20	28.45	ppb
Cobalt	59-2	0.11	0.08	0.03	0.07	49.57	ppb
Copper	63-2	0.16	0.25	0.26	0.23	24.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	4.23	1.68	6.33	4.08	57.05	ppb
Iron	56-2	4.24	4.55	3.93	4.24	7.30	ppb
Iron	57-2	11.91	3.71	4.72	6.78	65.93	ppb
Krypton	83-1						cps
Lead	207-1	0.07	0.04	0.08	0.07	30.60	ppb
Lead	208-1	Rejected	Rejected	Rejected			ppb
Lead	206-1	0.06	0.07	0.07	0.06	11.85	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:24:22	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	48.34	42.82	47.96	46.38	6.64	ppb
Manganese	55-2	0.17	0.04	0.12	0.11	62.36	ppb
Molybdenum	94-1	0.31	0.61	0.50	0.47	32.41	ppb
Molybdenum	95-1	0.42	0.34	0.50	0.42	19.45	ppb
Molybdenum	96-1	0.59	0.49	0.58	0.55	10.28	ppb
Molybdenum	97-1	0.37	0.40	0.33	0.37	10.53	ppb
Molybdenum	98-1	0.44	0.39	0.45	0.42	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	Rejected	Rejected	Rejected			ppb
Phosphorus	31-2	0.74	-15.60	-52.21	-22.36		ppb
Potassium	39-2	15.77	35.16	1.50	17.48	96.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	2.71	2.70	0.00	1.81	86.60	ppb
Selenium	78-2	1.72	0.72	2.92	1.79	61.57	ppb
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Silicon	28-1	1.07	-1.45	-2.01	-0.80		ppb
Silver	109-1	0.09	0.11	0.11	0.10	11.00	ppb
Silver	107-1	0.11	0.12	0.08	0.10	20.65	ppb
Sodium	23-2	28.35	37.68	38.02	34.68	15.82	ppb
Strontium	86-1	0.09	0.12	0.32	0.18	68.48	ppb
Strontium	88-1	0.08	0.08	0.09	0.08	8.72	ppb
Sulfur	34-1	756.39	427.22	153.34	445.65	67.75	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.04	0.08	0.06	39.43	ppb
Thallium	205-1	0.12	0.08	0.10	0.10	18.47	ppb
Tin	118-1	0.39	0.41	0.40	0.40	2.94	ppb
Titanium	47-1	0.60	0.23	0.51	0.44	42.28	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	7.08	ppb
Vanadium	51-2	0.50	0.44	0.44	0.46	7.04	ppb
Yttrium	89-1				100		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:24:22	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.27	0.21	0.03	0.17	71.89	ppb
Zirconium	90-1	0.10	0.11	0.10	0.11	1.51	ppb
Zirconium	91-1	0.15	0.05	0.12	0.11	47.49	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:27:28	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.63	20.70	19.68	21.01	7.13	ppb
Antimony	121-1	2.01	1.91	1.86	1.93	4.03	ppb
Arsenic	75-2	0.95	1.00	0.82	0.92	9.88	ppb
Barium	135-1	9.34	10.08	10.00	9.80	4.13	ppb
Barium	137-1	10.05	9.37	9.96	9.79	3.80	ppb
Beryllium	9-1	0.93	1.00	0.93	0.95	4.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	20.13	21.67	23.36	21.72	7.44	ppb
Boron	10-1	17.49	20.89	21.76	20.05	11.25	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.23	2.19	2.14	0.37	850.60	ppb
Cadmium	108-1	0.92	1.10	1.67	1.23	31.77	ppb
Cadmium	111-1	0.59	0.99	1.01	0.87	27.42	ppb
Calcium	43-1	490.46	478.12	521.43	496.67	4.49	ppb
Calcium	44-1	450.13	443.97	462.77	452.29	2.12	ppb
Chromium	52-2	1.97	1.85	1.89	1.90	3.24	ppb
Cobalt	59-2	1.05	1.04	1.04	1.05	0.75	ppb
Copper	63-2	1.96	2.13	2.04	2.04	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	44.32	43.74	49.05	45.70	6.37	ppb
Iron	56-2	47.69	47.55	47.33	47.53	0.38	ppb
Iron	57-2	55.40	39.02	41.63	45.35	19.41	ppb
Krypton	83-1						cps
Lead	207-1	0.85	0.85	1.11	0.94	16.33	ppb
Lead	208-1	0.93	0.94	1.05	0.97	6.77	ppb
Lead	206-1	1.08	1.05	1.06	1.07	1.44	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:27:28	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	471.99	485.70	469.64	475.78	1.82	ppb
Manganese	55-2	1.01	0.82	0.93	0.92	10.27	ppb
Molybdenum	94-1	4.64	4.90	4.86	4.80	2.98	ppb
Molybdenum	95-1	4.79	5.37	4.88	5.01	6.19	ppb
Molybdenum	96-1	4.81	4.79	4.88	4.83	0.96	ppb
Molybdenum	97-1	5.05	4.76	4.50	4.77	5.74	ppb
Molybdenum	98-1	4.87	4.57	4.93	4.79	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.11	1.03	1.10	5.30	ppb
Phosphorus	31-2	16.92	-1.20	24.99	13.57	98.83	ppb
Potassium	39-2	439.74	428.65	466.41	444.93	4.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	10.79	7.96	5.42	8.06	33.32	ppb
Selenium	78-2	5.93	7.33	7.91	7.05	14.39	ppb
Selenium	82-1	5.96	5.59	3.26	4.94	29.70	ppb
Silicon	28-1	-1.95	-0.31	6.80	1.52	306.90	ppb
Silver	109-1	0.98	0.96	1.02	0.99	3.04	ppb
Silver	107-1	1.02	1.00	0.97	1.00	2.33	ppb
Sodium	23-2	484.30	494.26	497.68	492.08	1.41	ppb
Strontium	86-1	0.98	1.08	0.98	1.01	5.60	ppb
Strontium	88-1	0.98	1.00	0.97	0.98	2.00	ppb
Sulfur	34-1	-1199.25	-2160.82	-486.47	-1282.18		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.90	0.93	0.85	0.89	4.30	ppb
Thallium	205-1	0.97	0.90	0.98	0.95	4.79	ppb
Tin	118-1	5.04	4.81	5.12	4.99	3.25	ppb
Titanium	47-1	4.21	4.23	4.46	4.30	3.19	ppb
Uranium	238-1	0.90	0.92	0.93	0.92	1.90	ppb
Vanadium	51-2	4.46	4.86	4.81	4.71	4.62	ppb
Yttrium	89-1				101		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:27:28	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2.61	1.46	1.39	1.82	37.62	ppb
Zirconium	90-1	0.97	1.07	1.05	1.03	5.11	ppb
Zirconium	91-1	0.92	1.11	1.06	1.03	9.42	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:30:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.67	982.27	1013.41	1002.78	1.77	ppb
Antimony	121-1	50.48	50.62	51.81	50.97	1.43	ppb
Arsenic	75-2	51.69	49.84	50.58	50.71	1.83	ppb
Barium	135-1	251.19	253.12	260.48	254.93	1.92	ppb
Barium	137-1	250.50	255.42	255.64	253.85	1.15	ppb
Beryllium	9-1	50.66	50.64	51.46	50.92	0.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	11-1	45.02	49.00	53.69	49.24	8.81	ppb
Boron	10-1	41.86	50.93	51.26	48.02	11.11	ppb
Bromine	81-1						cps
Cadmium	106-1	54.36	50.40	48.58	51.11	5.78	ppb
Cadmium	108-1	51.15	52.12	51.38	51.55	0.98	ppb
Cadmium	111-1	51.49	52.05	51.88	51.81	0.55	ppb
Calcium	43-1	4839.40	4916.17	4856.44	4870.67	0.83	ppb
Calcium	44-1	4857.71	4898.95	4984.99	4913.88	1.32	ppb
Chromium	52-2	50.09	50.34	49.56	50.00	0.80	ppb
Cobalt	59-2	50.40	50.42	49.57	50.13	0.96	ppb
Copper	63-2	511.16	500.88	495.63	502.56	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	2497.01	2476.10	2485.68	2486.27	0.42	ppb
Iron	56-2	2444.39	2435.94	2405.57	2428.63	0.84	ppb
Iron	57-2	2411.38	2516.89	2373.99	2434.09	3.04	ppb
Krypton	83-1						cps
Lead	207-1	241.74	242.14	242.72	242.20	0.20	ppb
Lead	208-1	243.18	244.63	245.85	244.55	0.55	ppb
Lead	206-1	242.60	242.32	247.81	244.25	1.27	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:30:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	4968.48	4923.45	4950.78	4947.57	0.46	ppb
Manganese	55-2	501.72	497.89	496.30	498.64	0.56	ppb
Molybdenum	94-1	248.19	250.48	263.97	254.22	3.35	ppb
Molybdenum	95-1	250.72	252.37	264.22	255.77	2.88	ppb
Molybdenum	96-1	251.23	255.50	258.34	255.02	1.40	ppb
Molybdenum	97-1	242.62	245.85	257.01	248.49	3.04	ppb
Molybdenum	98-1	247.76	247.93	259.57	251.75	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.80	49.62	50.49	50.64	2.16	ppb
Phosphorus	31-2	910.81	844.27	1149.24	968.10	16.56	ppb
Potassium	39-2	2497.43	2537.14	2510.36	2514.98	0.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	42.79	56.28	58.86	52.64	16.40	ppb
Selenium	78-2	48.20	53.98	51.52	51.23	5.67	ppb
Selenium	82-1	50.45	49.90	54.55	51.64	4.92	ppb
Silicon	28-1	58.72	65.68	67.45	63.95	7.22	ppb
Silver	109-1	51.46	51.24	51.72	51.47	0.47	ppb
Silver	107-1	51.36	51.26	53.19	51.94	2.09	ppb
Sodium	23-2	5193.81	5160.30	5104.05	5152.72	0.88	ppb
Strontium	86-1	51.55	50.01	53.09	51.55	2.98	ppb
Strontium	88-1	50.44	50.85	52.33	51.20	1.94	ppb
Sulfur	34-1	-100.36	-642.39	1002.18	86.48	969.09	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	49.47	49.81	50.88	50.05	1.47	ppb
Thallium	205-1	49.57	50.05	50.00	49.87	0.53	ppb
Tin	118-1	49.72	49.89	52.02	50.54	2.54	ppb
Titanium	47-1	247.30	250.91	250.93	249.71	0.84	ppb
Uranium	238-1	48.23	48.52	49.26	48.67	1.10	ppb
Vanadium	51-2	48.81	49.40	50.15	49.45	1.37	ppb
Yttrium	89-1				102		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:30:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	508.63	499.54	496.55	501.57	1.25	ppb
Zirconium	90-1	50.00	49.97	51.50	50.49	1.73	ppb
Zirconium	91-1	48.81	50.61	52.71	50.71	3.85	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:33:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2536.64	2685.68	2646.46	2622.93	2.95	ppb
Antimony	121-1	128.42	129.43	126.45	128.10	1.18	ppb
Arsenic	75-2	127.07	129.82	128.80	128.56	1.08	ppb
Barium	135-1	658.59	645.61	639.09	647.76	1.53	ppb
Barium	137-1	664.14	646.88	630.21	647.08	2.62	ppb
Beryllium	9-1	129.19	128.20	128.77	128.72	0.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	11-1	114.04	124.97	134.65	124.55	8.28	ppb
Boron	10-1	113.57	123.40	134.81	123.93	8.58	ppb
Bromine	81-1						cps
Cadmium	106-1	132.96	131.77	123.11	129.28	4.16	ppb
Cadmium	108-1	135.49	132.86	133.53	133.96	1.02	ppb
Cadmium	111-1	131.33	133.80	130.13	131.75	1.42	ppb
Calcium	43-1	12802.20	12731.54	12855.26	12796.33	0.49	ppb
Calcium	44-1	12819.53	12477.15	12572.59	12623.09	1.40	ppb
Chromium	52-2	125.79	130.65	130.93	129.12	2.24	ppb
Cobalt	59-2	128.11	130.73	129.28	129.38	1.01	ppb
Copper	63-2	1257.91	1309.54	1298.69	1288.71	2.11	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				103		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	6257.71	6559.49	6453.24	6423.48	2.38	ppb
Iron	56-2	6284.28	6402.93	6427.20	6371.47	1.20	ppb
Iron	57-2	6000.56	6389.55	6240.25	6210.12	3.16	ppb
Krypton	83-1						cps
Lead	207-1	621.69	618.64	619.88	620.07	0.25	ppb
Lead	208-1	634.96	634.23	630.99	633.39	0.33	ppb
Lead	206-1	621.38	617.56	628.15	622.36	0.86	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:33:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	12380.45	12820.48	12721.03	12640.65	1.83	ppb
Manganese	55-2	1259.84	1304.39	1288.27	1284.17	1.76	ppb
Molybdenum	94-1	660.04	642.41	656.25	652.90	1.42	ppb
Molybdenum	95-1	660.83	651.55	655.92	656.10	0.71	ppb
Molybdenum	96-1	664.28	648.91	659.18	657.46	1.19	ppb
Molybdenum	97-1	653.53	632.65	645.96	644.05	1.64	ppb
Molybdenum	98-1	663.89	643.16	656.55	654.54	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.65	137.88	132.06	133.53	2.87	ppb
Phosphorus	31-2	2854.78	2856.39	2439.51	2716.90	8.84	ppb
Potassium	39-2	6393.09	6594.86	6517.69	6501.88	1.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	139.74	123.60	100.20	121.18	16.41	ppb
Selenium	78-2	137.46	130.81	127.37	131.88	3.89	ppb
Selenium	82-1	132.90	132.42	131.17	132.16	0.68	ppb
Silicon	28-1	167.18	176.05	193.93	179.05	7.61	ppb
Silver	109-1	130.94	133.28	130.46	131.56	1.15	ppb
Silver	107-1	132.62	129.16	128.58	130.12	1.68	ppb
Sodium	23-2	12803.13	13367.50	13272.75	13147.79	2.30	ppb
Strontium	86-1	133.77	127.94	130.05	130.59	2.26	ppb
Strontium	88-1	132.74	129.64	131.05	131.15	1.18	ppb
Sulfur	34-1	870.15	54.56	1894.96	939.89	98.12	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	126.90	128.29	130.08	128.42	1.24	ppb
Thallium	205-1	125.67	125.77	129.10	126.85	1.54	ppb
Tin	118-1	129.04	129.15	127.03	128.41	0.93	ppb
Titanium	47-1	631.51	634.26	633.45	633.07	0.22	ppb
Uranium	238-1	122.40	123.54	125.08	123.67	1.09	ppb
Vanadium	51-2	124.62	129.57	130.00	128.06	2.33	ppb
Yttrium	89-1				101		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:33:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	1282.31	1324.01	1307.32	1304.55	1.61	ppb
Zirconium	90-1	130.61	128.92	130.78	130.11	0.79	ppb
Zirconium	91-1	128.04	128.15	130.78	128.99	1.20	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 12:36:49 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5133.29	5105.80	5264.00	5167.70	1.64	ppb
Antimony	121-1	254.55	257.98	259.77	257.43	1.03	ppb
Arsenic	75-2	255.46	254.37	250.98	253.60	0.92	ppb
Barium	135-1	1292.63	1284.89	1311.55	1296.36	1.06	ppb
Barium	137-1	1280.72	1283.53	1300.22	1288.16	0.82	ppb
Beryllium	9-1	253.60	256.03	253.72	254.45	0.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	222.30	252.76	264.25	246.44	8.80	ppb
Boron	10-1	228.71	249.25	259.38	245.78	6.36	ppb
Bromine	81-1						cps
Cadmium	106-1	256.22	253.37	264.92	258.17	2.33	ppb
Cadmium	108-1	263.51	252.06	265.21	260.26	2.75	ppb
Cadmium	111-1	258.17	262.88	265.98	262.35	1.50	ppb
Calcium	43-1	25068.53	25498.68	25098.40	25221.87	0.95	ppb
Calcium	44-1	24553.83	24869.27	25079.69	24834.26	1.07	ppb
Chromium	52-2	253.45	251.34	254.47	253.09	0.63	ppb
Cobalt	59-2	253.36	252.90	256.54	254.27	0.78	ppb
Copper	63-2	2632.39	2590.29	2635.13	2619.27	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	12579.17	12585.38	12685.88	12616.81	0.47	ppb
Iron	56-2	12431.72	12241.93	12465.85	12379.83	0.97	ppb
Iron	57-2	12254.89	12316.09	12237.66	12269.55	0.34	ppb
Krypton	83-1						cps
Lead	207-1	1215.72	1233.21	1235.49	1228.14	0.88	ppb
Lead	208-1	1251.38	1256.83	1247.48	1251.89	0.38	ppb
Lead	206-1	1214.48	1236.98	1243.78	1231.75	1.24	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:36:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	25230.47	25041.57	25182.82	25151.62	0.39	ppb
Manganese	55-2	2574.70	2531.28	2557.81	2554.60	0.86	ppb
Molybdenum	94-1	1289.40	1297.27	1304.62	1297.10	0.59	ppb
Molybdenum	95-1	1295.70	1294.91	1290.98	1293.86	0.20	ppb
Molybdenum	96-1	1286.97	1290.68	1320.08	1299.24	1.40	ppb
Molybdenum	97-1	1245.83	1253.95	1254.71	1251.50	0.39	ppb
Molybdenum	98-1	1292.29	1302.17	1294.55	1296.34	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.31	251.60	256.55	255.82	1.53	ppb
Phosphorus	31-2	4786.60	5441.63	5232.06	5153.43	6.49	ppb
Potassium	39-2	12862.13	12855.46	12962.95	12893.52	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	271.72	261.08	268.81	267.20	2.06	ppb
Selenium	78-2	257.53	271.47	247.06	258.68	4.73	ppb
Selenium	82-1	258.41	259.16	264.90	260.82	1.36	ppb
Silicon	28-1	271.85	295.38	313.73	293.65	7.15	ppb
Silver	109-1	259.79	258.42	259.28	259.16	0.27	ppb
Silver	107-1	257.48	259.06	261.35	259.30	0.75	ppb
Sodium	23-2	26499.80	25756.99	25901.45	26052.75	1.51	ppb
Strontium	86-1	257.34	254.62	259.61	257.19	0.97	ppb
Strontium	88-1	260.92	258.66	261.79	260.46	0.62	ppb
Sulfur	34-1	4030.73	4312.59	6010.31	4784.54	22.38	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	250.66	255.32	256.60	254.19	1.23	ppb
Thallium	205-1	251.50	255.27	249.38	252.05	1.19	ppb
Tin	118-1	254.83	256.96	261.61	257.80	1.34	ppb
Titanium	47-1	1255.99	1258.77	1274.98	1263.24	0.81	ppb
Uranium	238-1	245.33	249.14	247.75	247.40	0.78	ppb
Vanadium	51-2	256.32	250.45	254.39	253.72	1.18	ppb
Yttrium	89-1				102		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:36:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2575.40	2548.99	2554.01	2559.47	0.55	ppb
Zirconium	90-1	254.69	256.04	260.68	257.14	1.22	ppb
Zirconium	91-1	256.89	257.08	256.46	256.81	0.12	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:39:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10006.14	10030.75	9934.24	9990.38	0.50	ppb
Antimony	121-1	504.06	498.00	497.70	499.92	0.72	ppb
Arsenic	75-2	499.70	499.45	495.81	498.32	0.44	ppb
Barium	135-1	2521.35	2495.10	2524.59	2513.68	0.64	ppb
Barium	137-1	2548.65	2518.28	2516.95	2527.96	0.71	ppb
Beryllium	9-1	492.65	496.91	500.71	496.76	0.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	453.09	490.21	532.95	492.08	8.12	ppb
Boron	10-1	452.32	492.48	533.53	492.78	8.24	ppb
Bromine	81-1						cps
Cadmium	106-1	489.28	520.93	503.09	504.43	3.15	ppb
Cadmium	108-1	504.47	505.22	495.92	501.87	1.03	ppb
Cadmium	111-1	506.12	501.09	495.34	500.85	1.08	ppb
Calcium	43-1	48983.52	48988.60	48598.29	48856.81	0.46	ppb
Calcium	44-1	47488.44	47650.92	48624.12	47921.16	1.28	ppb
Chromium	52-2	495.32	499.66	491.09	495.36	0.87	ppb
Cobalt	59-2	494.50	497.82	493.93	495.41	0.42	ppb
Copper	63-2	5004.34	5085.77	4932.16	5007.43	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	24679.23	24868.08	24231.41	24592.91	1.33	ppb
Iron	56-2	23912.11	24539.93	23816.19	24089.41	1.63	ppb
Iron	57-2	23714.94	24249.20	23704.46	23889.53	1.30	ppb
Krypton	83-1						cps
Lead	207-1	2543.54	2511.96	2500.74	2518.75	0.88	ppb
Lead	208-1	2529.04	2510.05	2507.29	2515.46	0.47	ppb
Lead	206-1	2543.71	2529.65	2519.54	2530.97	0.48	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:39:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	48722.77	48703.20	48692.08	48706.02	0.03	ppb
Manganese	55-2	4969.13	5080.77	4901.21	4983.70	1.82	ppb
Molybdenum	94-1	2472.56	2532.88	2473.04	2492.82	1.39	ppb
Molybdenum	95-1	2459.58	2530.80	2479.22	2489.87	1.48	ppb
Molybdenum	96-1	2500.44	2567.94	2490.85	2519.74	1.67	ppb
Molybdenum	97-1	2459.28	2567.90	2511.77	2512.98	2.16	ppb
Molybdenum	98-1	2471.63	2547.54	2505.64	2508.27	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.36	505.92	498.21	498.83	1.36	ppb
Phosphorus	31-2	9943.32	10594.38	10124.22	10220.64	3.29	ppb
Potassium	39-2	25032.80	25173.65	25096.81	25101.09	0.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	514.38	496.95	515.20	508.84	2.03	ppb
Selenium	78-2	499.67	489.58	499.26	496.17	1.15	ppb
Selenium	82-1	489.44	504.21	506.68	500.11	1.86	ppb
Silicon	28-1	547.62	546.93	592.65	562.40	4.66	ppb
Silver	109-1	498.45	503.25	500.66	500.79	0.48	ppb
Silver	107-1	496.05	499.12	493.34	496.17	0.58	ppb
Sodium	23-2	50477.02	50512.77	49871.25	50287.01	0.72	ppb
Strontium	86-1	484.68	500.07	498.67	494.47	1.72	ppb
Strontium	88-1	506.77	500.27	499.68	502.24	0.78	ppb
Sulfur	34-1	9385.04	7481.03	8644.24	8503.44	11.29	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	505.74	501.40	500.64	502.59	0.55	ppb
Thallium	205-1	507.84	493.21	505.97	502.34	1.59	ppb
Tin	118-1	494.65	493.48	502.56	496.90	0.99	ppb
Titanium	47-1	2468.35	2425.59	2490.22	2461.38	1.34	ppb
Uranium	238-1	504.62	497.36	508.80	503.59	1.15	ppb
Vanadium	51-2	493.40	495.23	487.03	491.89	0.88	ppb
Yttrium	89-1				106		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:39:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	4949.75	4997.26	4909.81	4952.27	0.88	ppb
Zirconium	90-1	488.88	501.59	503.40	497.96	1.59	ppb
Zirconium	91-1	482.86	500.36	500.00	494.41	2.02	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 12:42:48 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20196.45	20101.71	20174.99	20157.71	0.25	ppb
Antimony	121-1	1000.76	985.42	1007.06	997.75	1.12	ppb
Arsenic	75-2	1000.58	999.98	997.81	999.46	0.15	ppb
Barium	135-1	4922.14	4905.68	5107.62	4978.48	2.25	ppb
Barium	137-1	4953.64	4881.36	5085.59	4973.53	2.08	ppb
Beryllium	9-1	991.78	992.88	1015.34	1000.00	1.33	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	11-1	913.77	1014.97	1086.34	1005.03	8.63	ppb
Boron	10-1	914.83	1017.80	1082.46	1005.03	8.41	ppb
Bromine	81-1						cps
Cadmium	106-1	983.84	982.19	1019.42	995.15	2.11	ppb
Cadmium	108-1	973.10	1005.08	1007.72	995.30	1.94	ppb
Cadmium	111-1	984.93	987.50	1014.22	995.55	1.63	ppb
Calcium	43-1	98381.01	99070.14	101988.96	99813.37	1.92	ppb
Calcium	44-1	96291.71	97381.10	98458.07	97376.96	1.11	ppb
Chromium	52-2	998.59	1001.75	1002.75	1001.03	0.22	ppb
Cobalt	59-2	1003.51	990.92	1007.59	1000.67	0.87	ppb
Copper	63-2	9942.56	9914.99	10026.95	9961.50	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	50599.16	49644.36	50311.22	50184.91	0.98	ppb
Iron	56-2	49163.36	48521.56	49074.62	48919.85	0.71	ppb
Iron	57-2	48315.10	48172.89	48718.81	48402.26	0.59	ppb
Krypton	83-1						cps
Lead	207-1	4931.05	4976.29	5083.95	4997.10	1.57	ppb
Lead	208-1	4919.40	5005.21	5048.46	4991.02	1.32	ppb
Lead	206-1	4921.77	5017.34	5029.98	4989.70	1.19	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:42:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	100665.54	99165.28	99101.25	99644.02	0.89	ppb
Manganese	55-2	10131.95	9867.04	9971.90	9990.30	1.34	ppb
Molybdenum	94-1	4980.06	4904.83	5079.45	4988.12	1.76	ppb
Molybdenum	95-1	5010.74	4876.99	5082.05	4989.92	2.09	ppb
Molybdenum	96-1	4932.30	4889.39	5098.84	4973.51	2.22	ppb
Molybdenum	97-1	4931.93	4864.86	5175.70	4990.83	3.28	ppb
Molybdenum	98-1	4963.98	4836.30	5141.23	4980.50	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.99	996.06	1001.04	998.03	0.27	ppb
Phosphorus	31-2	19879.47	19578.21	20019.74	19825.81	1.14	ppb
Potassium	39-2	50525.63	50397.62	49222.00	50048.42	1.44	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	1006.50	1024.79	943.53	991.61	4.30	ppb
Selenium	78-2	991.33	1011.10	994.00	998.81	1.07	ppb
Selenium	82-1	986.99	987.98	1013.82	996.26	1.53	ppb
Silicon	28-1	890.44	956.88	1004.24	950.52	6.01	ppb
Silver	109-1	986.85	984.89	1017.53	996.42	1.84	ppb
Silver	107-1	993.10	1003.79	999.68	998.85	0.54	ppb
Sodium	23-2	103557.41	101723.99	101773.80	102351.73	1.02	ppb
Strontium	86-1	980.41	1000.17	1019.99	1000.19	1.98	ppb
Strontium	88-1	984.56	996.83	1004.92	995.44	1.03	ppb
Sulfur	34-1	19525.24	21250.76	22352.51	21042.84	6.77	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	985.39	1017.56	988.73	997.22	1.77	ppb
Thallium	205-1	988.69	1010.23	995.36	998.09	1.10	ppb
Tin	118-1	992.06	999.83	1005.54	999.15	0.68	ppb
Titanium	47-1	4952.47	4988.80	5103.74	5015.00	1.57	ppb
Uranium	238-1	986.58	1003.54	1007.15	999.09	1.10	ppb
Vanadium	51-2	1009.12	993.03	1006.16	1002.77	0.85	ppb
Yttrium	89-1				110		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:42:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	10013.28	9956.45	10036.57	10002.10	0.41	ppb
Zirconium	90-1	994.51	981.71	1019.51	998.58	1.93	ppb
Zirconium	91-1	991.21	991.26	1019.21	1000.56	1.61	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:45:46	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101256.99	96220.91	102395.90	99957.93	3.29	ppb
Antimony	121-1	0.98	0.93	1.17	1.02	12.40	ppb
Arsenic	75-2	0.40	0.37	0.49	0.42	14.43	ppb
Barium	135-1	9.37	10.62	9.10	9.70	8.41	ppb
Barium	137-1	10.38	9.80	9.61	9.93	4.03	ppb
Beryllium	9-1	0.35	0.34	0.31	0.33	6.51	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	11-1	192.78	172.34	153.48	172.87	11.37	ppb
Boron	10-1	201.54	170.04	152.56	174.71	14.21	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.63	0.00	-0.51	-0.38		ppb
Cadmium	108-1	1.26	1.68	2.11	1.68	25.42	ppb
Cadmium	111-1	0.48	0.40	0.29	0.39	23.86	ppb
Calcium	43-1	502438.32	500024.84	497940.16	500134.44	0.45	ppb
Calcium	44-1	493749.31	502722.36	505744.17	500738.61	1.25	ppb
Chromium	52-2	17.78	16.86	17.49	17.38	2.71	ppb
Cobalt	59-2	1.74	1.66	1.61	1.67	4.08	ppb
Copper	63-2	5.38	4.93	5.37	5.23	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	252224.70	248610.63	249145.73	249993.69	0.78	ppb
Iron	56-2	255543.27	247838.01	247551.04	250310.78	1.81	ppb
Iron	57-2	253756.21	245807.60	251767.51	250443.77	1.65	ppb
Krypton	83-1						cps
Lead	207-1	4.41	4.56	4.61	4.53	2.29	ppb
Lead	208-1	4.65	4.59	4.63	4.62	0.73	ppb
Lead	206-1	4.76	4.62	4.55	4.64	2.35	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:45:46	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	508761.19	489598.43	502210.52	500190.05	1.95	ppb
Manganese	55-2	9.31	8.92	9.47	9.24	3.08	ppb
Molybdenum	94-1	2.89	2.93	2.74	2.85	3.55	ppb
Molybdenum	95-1	3.51	3.38	3.38	3.43	2.11	ppb
Molybdenum	96-1	3.85	3.73	3.64	3.74	2.87	ppb
Molybdenum	97-1	3.29	3.83	3.11	3.41	10.96	ppb
Molybdenum	98-1	3.35	3.72	3.41	3.49	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.61	11.60	11.65	11.62	0.26	ppb
Phosphorus	31-2	-27.36	-56.47	9.99	-24.61		ppb
Potassium	39-2	252175.96	245859.17	251827.48	249954.20	1.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	2.86	0.00	0.00	0.95	173.21	ppb
Selenium	78-2	2.49	-1.58	-0.42	0.16	1275.00	ppb
Selenium	82-1	0.86	1.46	-0.81	0.50	233.24	ppb
Silicon	28-1	47.53	48.56	42.25	46.11	7.35	ppb
Silver	109-1	0.26	0.36	0.35	0.32	15.70	ppb
Silver	107-1	0.30	0.34	0.37	0.34	10.18	ppb
Sodium	23-2	508729.97	491430.84	498131.00	499430.60	1.75	ppb
Strontium	86-1	6.15	6.04	5.58	5.92	5.15	ppb
Strontium	88-1	5.78	5.80	5.85	5.81	0.64	ppb
Sulfur	34-1	-2056.36	-1578.47	-2446.43	-2027.09		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.64	0.59	0.46	0.56	16.19	ppb
Thallium	205-1	0.67	0.55	0.51	0.58	14.85	ppb
Tin	118-1	0.92	0.97	1.52	1.14	29.63	ppb
Titanium	47-1	1.54	1.03	0.91	1.16	29.07	ppb
Uranium	238-1	0.15	0.16	0.17	0.16	4.79	ppb
Vanadium	51-2	0.30	0.25	0.27	0.27	8.24	ppb
Yttrium	89-1				98		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:45:46	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	97.29	96.17	98.17	97.21	1.03	ppb
Zirconium	90-1	0.33	0.30	0.32	0.32	5.68	ppb
Zirconium	91-1	0.44	0.25	0.30	0.33	29.23	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:06:42	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.86	499.73	506.34	497.31	2.10	ppb
Antimony	121-1	200.34	206.91	204.77	204.01	1.64	ppb
Arsenic	75-2	212.58	212.39	209.22	211.40	0.89	ppb
Barium	135-1	102.75	105.74	105.20	104.56	1.53	ppb
Barium	137-1	103.82	104.48	105.92	104.74	1.03	ppb
Beryllium	9-1	101.63	101.44	100.92	101.33	0.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	384.20	464.32	510.71	453.08	14.13	ppb
Boron	10-1	385.26	463.93	511.92	453.70	14.09	ppb
Bromine	81-1						cps
Cadmium	106-1	159.56	153.00	157.38	156.65	2.13	ppb
Cadmium	108-1	136.96	139.22	145.30	140.49	3.07	ppb
Cadmium	111-1	105.86	107.50	108.13	107.16	1.09	ppb
Calcium	43-1	2234.72	2239.29	2162.91	2212.31	1.94	ppb
Calcium	44-1	2055.77	2120.18	2127.32	2101.09	1.88	ppb
Chromium	52-2	103.98	101.23	101.42	102.21	1.50	ppb
Cobalt	59-2	105.11	104.53	103.58	104.40	0.74	ppb
Copper	63-2	98.80	99.49	101.23	99.84	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	2037.95	2059.16	2037.06	2044.73	0.61	ppb
Iron	56-2	1940.92	1961.49	1913.68	1938.70	1.24	ppb
Iron	57-2	1916.95	1934.23	1944.76	1931.98	0.73	ppb
Krypton	83-1						cps
Lead	207-1	200.37	203.39	201.72	201.83	0.75	ppb
Lead	208-1	209.77	212.25	211.60	211.21	0.61	ppb
Lead	206-1	218.73	220.87	220.64	220.08	0.53	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:06:42	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1173.14	1165.10	1134.40	1157.55	1.77	ppb
Manganese	55-2	105.19	106.00	104.20	105.13	0.86	ppb
Molybdenum	94-1	2657.86	2698.72	2734.89	2697.16	1.43	ppb
Molybdenum	95-1	2614.21	2642.34	2673.94	2643.50	1.13	ppb
Molybdenum	96-1	2610.77	2688.65	2631.76	2643.73	1.52	ppb
Molybdenum	97-1	2562.45	2614.24	2645.46	2607.39	1.61	ppb
Molybdenum	98-1	2580.59	2648.49	2639.35	2622.81	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.31	105.90	102.93	104.38	1.42	ppb
Phosphorus	31-2	-39.26	-19.98	44.60	-4.88		ppb
Potassium	39-2	1970.16	1990.74	1981.96	1980.95	0.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	244.67	175.40	219.52	213.19	16.45	ppb
Selenium	78-2	187.91	202.10	207.12	199.04	5.01	ppb
Selenium	82-1	211.70	208.43	211.07	210.40	0.82	ppb
Silicon	28-1	420.19	432.11	449.82	434.04	3.43	ppb
Silver	109-1	50.21	51.97	50.67	50.95	1.78	ppb
Silver	107-1	50.11	51.65	50.26	50.67	1.67	ppb
Sodium	23-2	2110.52	2073.51	2090.85	2091.63	0.89	ppb
Strontium	86-1	593.94	598.86	593.01	595.27	0.53	ppb
Strontium	88-1	585.99	600.94	605.85	597.59	1.73	ppb
Sulfur	34-1	-648.44	427.05	147.60	-24.60		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	218.01	224.45	223.98	222.14	1.62	ppb
Thallium	205-1	219.90	224.55	221.40	221.95	1.07	ppb
Tin	118-1	589.41	598.79	592.00	593.40	0.82	ppb
Titanium	47-1	2513.28	2594.29	2616.14	2574.57	2.10	ppb
Uranium	238-1	581.19	576.92	573.43	577.18	0.67	ppb
Vanadium	51-2	98.85	100.21	99.37	99.48	0.69	ppb
Yttrium	89-1				99		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:06:42	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	207.14	212.26	211.70	210.37	1.33	ppb
Zirconium	90-1	579.64	584.02	589.23	584.30	0.82	ppb
Zirconium	91-1	573.31	571.43	585.85	576.86	1.36	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:23:44	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.86	24.13	23.54	23.84	1.25	ppb
Antimony	121-1	1.94	1.87	2.00	1.94	3.30	ppb
Arsenic	75-2	0.90	1.02	0.96	0.96	6.27	ppb
Barium	135-1	10.26	9.28	10.16	9.90	5.43	ppb
Barium	137-1	9.73	9.88	10.33	9.98	3.10	ppb
Beryllium	9-1	0.97	1.07	0.93	0.99	7.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	25.32	28.00	31.47	28.26	10.91	ppb
Boron	10-1	27.58	28.72	30.33	28.88	4.79	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.66	-2.66	1.65	-0.89		ppb
Cadmium	108-1	1.05	0.61	0.74	0.80	27.95	ppb
Cadmium	111-1	0.68	0.78	1.06	0.84	23.16	ppb
Calcium	43-1	527.85	507.92	415.87	483.88	12.35	ppb
Calcium	44-1	476.11	439.63	440.74	452.16	4.59	ppb
Chromium	52-2	1.65	2.01	1.91	1.86	9.95	ppb
Cobalt	59-2	1.01	1.00	0.99	1.00	1.04	ppb
Copper	63-2	2.10	2.30	2.25	2.22	4.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	45.21	48.44	50.87	48.17	5.89	ppb
Iron	56-2	45.63	47.19	47.70	46.84	2.31	ppb
Iron	57-2	38.84	48.01	36.20	41.02	15.10	ppb
Krypton	83-1						cps
Lead	207-1	1.18	1.12	1.14	1.15	2.39	ppb
Lead	208-1	1.15	1.13	1.15	1.14	1.34	ppb
Lead	206-1	1.13	1.01	1.16	1.10	7.39	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:23:44	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	485.32	475.86	485.34	482.17	1.13	ppb
Manganese	55-2	0.91	0.88	0.86	0.88	3.22	ppb
Molybdenum	94-1	4.55	5.06	4.88	4.83	5.33	ppb
Molybdenum	95-1	4.92	4.80	5.23	4.98	4.50	ppb
Molybdenum	96-1	4.99	5.10	4.83	4.98	2.74	ppb
Molybdenum	97-1	5.05	4.98	4.73	4.92	3.43	ppb
Molybdenum	98-1	4.69	4.90	5.13	4.91	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.11	1.00	1.07	5.33	ppb
Phosphorus	31-2	-58.95	5.68	-37.98	-30.42		ppb
Potassium	39-2	432.14	461.40	462.82	452.12	3.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	2.83	5.61	17.05	8.50	88.74	ppb
Selenium	78-2	4.88	6.98	3.18	5.01	37.95	ppb
Selenium	82-1	4.84	5.95	1.95	4.25	48.63	ppb
Silicon	28-1	15.63	3.14	-2.93	5.28	179.27	ppb
Silver	109-1	0.96	0.91	1.07	0.98	8.58	ppb
Silver	107-1	1.06	0.94	0.98	0.99	5.86	ppb
Sodium	23-2	511.43	501.76	525.04	512.74	2.28	ppb
Strontium	86-1	1.29	1.01	0.97	1.09	16.11	ppb
Strontium	88-1	0.98	1.03	1.03	1.01	2.64	ppb
Sulfur	34-1	3066.35	125.47	-1638.48	517.78	459.04	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.92	0.87	0.90	2.64	ppb
Thallium	205-1	0.94	0.93	0.88	0.92	3.54	ppb
Tin	118-1	4.99	4.94	5.26	5.06	3.34	ppb
Titanium	47-1	5.02	4.86	4.95	4.94	1.64	ppb
Uranium	238-1	0.92	0.92	0.94	0.92	1.28	ppb
Vanadium	51-2	4.70	4.90	4.73	4.78	2.26	ppb
Yttrium	89-1				99		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:23:44	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1.50	1.85	1.99	1.78	14.03	ppb
Zirconium	90-1	0.95	0.94	0.93	0.94	0.65	ppb
Zirconium	91-1	0.99	0.96	0.95	0.97	1.81	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 13:27:35 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.95	3.55	-1.88	1.87	173.93	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	61.63	ppb
Arsenic	75-2	-0.05	-0.02	-0.01	-0.03		ppb
Barium	135-1	0.01	-0.08	-0.04	-0.04		ppb
Barium	137-1	0.01	0.01	0.03	0.02	78.31	ppb
Beryllium	9-1	0.02	-0.01	0.01	0.00	300.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	10.77	9.97	9.99	10.24	4.44	ppb
Boron	10-1	9.33	10.68	10.45	10.16	7.14	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.66	-3.52	-4.45	-3.54		ppb
Cadmium	108-1	0.10	0.00	0.00	0.03	177.77	ppb
Cadmium	111-1	-0.22	-0.29	-0.32	-0.28		ppb
Calcium	43-1	-3.97	9.75	4.14	3.31	208.42	ppb
Calcium	44-1	-24.82	-34.12	-25.10	-28.01		ppb
Chromium	52-2	-0.09	-0.02	0.01	-0.03		ppb
Cobalt	59-2	0.00	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.14	0.20	0.17	0.17	16.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	-1.98	-3.08	-2.92	-2.66		ppb
Iron	56-2	0.22	-0.07	-0.26	-0.04		ppb
Iron	57-2	2.39	-0.71	-1.59	0.03	7725.82	ppb
Krypton	83-1						cps
Lead	207-1	0.18	0.25	0.10	0.17	44.25	ppb
Lead	208-1	0.18	0.19	0.14	0.17	17.67	ppb
Lead	206-1	0.15	0.22	0.17	0.18	20.54	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:27:35	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	-2.74	0.52	-1.58	-1.27		ppb
Manganese	55-2	0.04	-0.04	0.00	0.00		ppb
Molybdenum	94-1	-0.05	-0.01	-0.04	-0.04		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.01	-0.02	-0.03	-0.02		ppb
Molybdenum	97-1	0.01	0.00	0.01	0.00	169.82	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	296.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.01	-0.03		ppb
Phosphorus	31-2	-2.54	14.44	-13.00	-0.36		ppb
Potassium	39-2	-15.84	-51.01	-22.32	-29.72		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	0.97	-0.72	0.45	224.10	ppb
Selenium	82-1	-0.33	-1.42	2.45	0.24	848.89	ppb
Silicon	28-1	-11.06	-8.73	-12.97	-10.92		ppb
Silver	109-1	0.00	0.00	0.00	0.00	38.08	ppb
Silver	107-1	0.01	0.00	0.00	0.00	161.81	ppb
Sodium	23-2	3.67	3.65	3.27	3.53	6.40	ppb
Strontium	86-1	0.00	0.04	0.17	0.07	129.72	ppb
Strontium	88-1	-0.02	0.00	-0.01	-0.01		ppb
Sulfur	34-1	1401.25	1052.67	-260.48	731.15	119.85	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	-0.05	-0.05	-0.04		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.08	-0.01	-0.03	-0.04		ppb
Titanium	47-1	0.22	-0.18	0.17	0.07	320.51	ppb
Uranium	238-1	0.00	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.04	-0.02	-0.02		ppb
Yttrium	89-1				99		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:27:35	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.19	-0.12	-0.13	-0.15		ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	200.18	ppb
Zirconium	91-1	-0.02	0.03	-0.01	0.00	855.69	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:30:26	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94834.06	88815.50	92727.23	92125.60	3.32	ppb
Antimony	121-1	1.02	1.15	1.17	1.12	7.40	ppb
Arsenic	75-2	0.20	0.27	0.25	0.24	15.13	ppb
Barium	135-1	1.44	1.23	2.17	1.61	30.45	ppb
Barium	137-1	1.19	1.57	1.84	1.53	21.20	ppb
Beryllium	9-1	0.26	0.28	0.36	0.30	17.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	12.35	11.62	11.80	11.92	3.19	ppb
Boron	10-1	10.71	13.42	11.72	11.95	11.44	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.52	-4.30	-2.37	-3.06		ppb
Cadmium	108-1	8.72	8.27	8.14	8.38	3.63	ppb
Cadmium	111-1	0.00	-0.09	0.25	0.05	323.26	ppb
Calcium	43-1	92445.15	94376.38	94189.44	93670.32	1.14	ppb
Calcium	44-1	89453.33	92304.22	92428.65	91395.40	1.84	ppb
Chromium	52-2	18.72	19.05	19.50	19.09	2.06	ppb
Cobalt	59-2	1.14	1.04	1.10	1.09	4.51	ppb
Copper	63-2	8.03	7.75	7.85	7.88	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	95264.06	94336.18	93544.12	94381.45	0.91	ppb
Iron	56-2	94717.52	92720.77	92830.18	93422.82	1.20	ppb
Iron	57-2	92323.77	91634.49	91429.18	91795.81	0.51	ppb
Krypton	83-1						cps
Lead	207-1	4.25	4.33	4.93	4.50	8.26	ppb
Lead	208-1	4.47	4.74	5.18	4.80	7.41	ppb
Lead	206-1	5.03	5.40	5.52	5.32	4.85	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:30:26	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	93225.38	91914.63	91742.83	92294.28	0.88	ppb
Manganese	55-2	7.05	7.03	7.36	7.15	2.58	ppb
Molybdenum	94-1	1303.34	1300.61	1362.84	1322.26	2.66	ppb
Molybdenum	95-1	1844.09	1884.87	1942.30	1890.42	2.61	ppb
Molybdenum	96-1	1804.29	1809.13	1889.93	1834.45	2.62	ppb
Molybdenum	97-1	1837.07	1844.32	1895.33	1858.91	1.71	ppb
Molybdenum	98-1	1873.02	1914.91	1947.84	1911.92	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.53	5.57	5.48	2.22	ppb
Phosphorus	31-2	96290.50	94138.98	94130.95	94853.47	1.31	ppb
Potassium	39-2	94745.03	94974.00	96785.98	95501.67	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	2.81	0.94	173.21	ppb
Selenium	78-2	0.49	-0.32	-0.66	-0.16		ppb
Selenium	82-1	1.10	0.60	0.63	0.78	35.68	ppb
Silicon	28-1	31.90	35.11	28.59	31.86	10.22	ppb
Silver	109-1	0.03	0.01	0.06	0.03	73.42	ppb
Silver	107-1	0.01	0.02	0.05	0.03	75.91	ppb
Sodium	23-2	98676.28	98454.89	96941.84	98024.34	0.96	ppb
Strontium	86-1	33.47	31.90	34.31	33.23	3.67	ppb
Strontium	88-1	33.22	33.43	34.77	33.81	2.48	ppb
Sulfur	34-1	93263.54	94630.93	92002.87	93299.12	1.41	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.01	-0.03	0.05	0.01	412.57	ppb
Thallium	205-1	-0.01	0.01	0.09	0.03	199.42	ppb
Tin	118-1	0.21	0.17	0.26	0.21	21.44	ppb
Titanium	47-1	1890.68	1936.75	1933.88	1920.44	1.34	ppb
Uranium	238-1	0.01	0.02	0.06	0.03	81.83	ppb
Vanadium	51-2	0.09	0.15	0.12	0.12	24.70	ppb
Yttrium	89-1				100		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:30:26	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	12.25	12.61	14.58	13.15	9.53	ppb
Zirconium	90-1	0.03	-0.01	0.07	0.03	149.20	ppb
Zirconium	91-1	0.07	0.04	0.00	0.04	88.22	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:33:14	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94839.43	92264.02	89338.25	92147.23	2.99	ppb
Antimony	121-1	20.46	20.71	20.93	20.70	1.13	ppb
Arsenic	75-2	20.41	20.38	20.35	20.38	0.14	ppb
Barium	135-1	20.76	21.08	21.41	21.08	1.55	ppb
Barium	137-1	20.29	20.98	21.78	21.02	3.55	ppb
Beryllium	9-1	19.54	20.12	19.83	19.83	1.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	64.38	70.35	73.98	69.57	6.96	ppb
Boron	10-1	60.72	70.92	72.26	67.96	9.29	ppb
Bromine	81-1						cps
Cadmium	106-1	20.92	17.63	18.83	19.13	8.70	ppb
Cadmium	108-1	30.12	27.32	26.72	28.06	6.47	ppb
Cadmium	111-1	19.06	20.01	19.77	19.61	2.53	ppb
Calcium	43-1	94517.29	93987.85	96196.74	94900.63	1.22	ppb
Calcium	44-1	91093.92	91401.93	94049.82	92181.89	1.76	ppb
Chromium	52-2	39.91	39.13	38.97	39.34	1.28	ppb
Cobalt	59-2	21.00	21.20	20.94	21.05	0.64	ppb
Copper	63-2	27.71	26.94	26.58	27.08	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	97635.62	95797.67	94601.33	96011.54	1.59	ppb
Iron	56-2	95981.59	95655.06	93777.06	95137.91	1.25	ppb
Iron	57-2	95236.47	93456.26	93324.86	94005.86	1.14	ppb
Krypton	83-1						cps
Lead	207-1	22.42	22.78	23.37	22.86	2.11	ppb
Lead	208-1	23.22	23.93	23.88	23.68	1.67	ppb
Lead	206-1	24.52	25.80	25.01	25.11	2.58	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:33:14	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	93871.60	90650.81	93036.58	92519.66	1.81	ppb
Manganese	55-2	25.30	26.31	26.60	26.07	2.61	ppb
Molybdenum	94-1	1479.77	1485.67	1529.72	1498.39	1.82	ppb
Molybdenum	95-1	1975.17	1987.01	2066.02	2009.40	2.46	ppb
Molybdenum	96-1	1923.84	1901.70	2008.44	1944.66	2.90	ppb
Molybdenum	97-1	1911.87	1934.21	1993.16	1946.41	2.16	ppb
Molybdenum	98-1	1981.58	1991.84	2041.43	2004.95	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.28	25.47	25.43	25.39	0.40	ppb
Phosphorus	31-2	95307.37	96749.02	97149.29	96401.89	1.00	ppb
Potassium	39-2	97607.86	96905.85	96826.27	97113.33	0.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	11.20	13.97	19.60	14.92	28.68	ppb
Selenium	78-2	23.97	17.26	19.78	20.34	16.67	ppb
Selenium	82-1	19.33	19.91	19.62	19.62	1.46	ppb
Silicon	28-1	88.46	82.81	93.23	88.17	5.92	ppb
Silver	109-1	18.29	18.46	19.31	18.68	2.93	ppb
Silver	107-1	18.25	18.91	19.20	18.79	2.59	ppb
Sodium	23-2	99249.70	96529.69	97375.98	97718.46	1.42	ppb
Strontium	86-1	95.20	95.23	95.92	95.45	0.43	ppb
Strontium	88-1	94.06	96.34	96.42	95.61	1.40	ppb
Sulfur	34-1	91894.56	92002.98	94975.76	92957.76	1.88	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	19.95	20.04	20.30	20.10	0.90	ppb
Thallium	205-1	19.65	19.73	20.26	19.88	1.66	ppb
Tin	118-1	59.68	58.55	60.67	59.63	1.77	ppb
Titanium	47-1	1962.48	1962.76	2015.22	1980.15	1.53	ppb
Uranium	238-1	57.12	59.20	59.68	58.66	2.32	ppb
Vanadium	51-2	20.05	19.03	19.11	19.40	2.91	ppb
Yttrium	89-1				100		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:33:14	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	35.20	33.84	35.27	34.77	2.32	ppb
Zirconium	90-1	59.73	58.75	60.52	59.67	1.48	ppb
Zirconium	91-1	59.24	59.41	59.68	59.44	0.38	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:36:20	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49076.45	50327.32	49843.87	49749.22	1.27	ppb
Antimony	121-1	502.03	492.59	490.80	495.14	1.22	ppb
Arsenic	75-2	486.16	501.79	497.09	495.01	1.62	ppb
Barium	135-1	2549.84	2520.81	2495.61	2522.08	1.08	ppb
Barium	137-1	2500.47	2536.91	2508.15	2515.18	0.76	ppb
Beryllium	9-1	500.82	500.85	504.21	501.96	0.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	440.13	498.64	531.47	490.08	9.44	ppb
Boron	10-1	440.18	503.46	531.02	491.55	9.48	ppb
Bromine	81-1						cps
Cadmium	106-1	486.79	478.64	497.49	487.64	1.94	ppb
Cadmium	108-1	502.37	506.56	493.74	500.89	1.31	ppb
Cadmium	111-1	497.45	484.29	486.50	489.41	1.44	ppb
Calcium	43-1	233144.84	241270.15	237221.85	237212.28	1.71	ppb
Calcium	44-1	229945.82	235110.63	229456.28	231504.24	1.35	ppb
Chromium	52-2	490.16	504.36	501.80	498.77	1.52	ppb
Cobalt	59-2	488.84	497.16	493.60	493.20	0.85	ppb
Copper	63-2	4909.44	4984.35	4891.07	4928.29	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	118088.70	121828.51	120283.26	120066.82	1.57	ppb
Iron	56-2	118045.72	119801.09	118271.91	118706.24	0.80	ppb
Iron	57-2	116797.03	119176.76	116466.19	117479.99	1.26	ppb
Krypton	83-1						cps
Lead	207-1	2520.20	2588.18	2510.85	2539.75	1.66	ppb
Lead	208-1	2528.91	2586.10	2526.02	2547.01	1.33	ppb
Lead	206-1	2539.30	2596.60	2574.61	2570.17	1.12	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:36:20	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	230445.06	240905.65	233203.17	234851.29	2.31	ppb
Manganese	55-2	4922.74	4975.48	4957.46	4951.90	0.54	ppb
Molybdenum	94-1	2483.58	2515.54	2509.84	2502.99	0.68	ppb
Molybdenum	95-1	2494.89	2541.46	2528.81	2521.72	0.96	ppb
Molybdenum	96-1	2459.61	2586.67	2519.71	2521.99	2.52	ppb
Molybdenum	97-1	2516.84	2574.04	2498.15	2529.68	1.56	ppb
Molybdenum	98-1	2481.03	2568.84	2531.23	2527.03	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.62	491.58	490.66	491.62	0.20	ppb
Phosphorus	31-2	9378.05	9813.19	9355.27	9515.50	2.71	ppb
Potassium	39-2	121090.57	122046.31	122808.33	121981.74	0.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	440.43	582.01	460.10	494.18	15.52	ppb
Selenium	78-2	490.79	483.41	494.86	489.69	1.18	ppb
Selenium	82-1	487.10	509.53	492.99	496.54	2.34	ppb
Silicon	28-1	378.79	408.68	396.99	394.82	3.82	ppb
Silver	109-1	492.24	485.23	488.20	488.55	0.72	ppb
Silver	107-1	492.34	479.57	489.39	487.10	1.37	ppb
Sodium	23-2	238759.62	244953.78	241148.51	241620.64	1.29	ppb
Strontium	86-1	493.78	512.24	505.63	503.88	1.86	ppb
Strontium	88-1	495.67	514.29	513.38	507.78	2.07	ppb
Sulfur	34-1	2356.92	5052.02	4005.86	3804.93	35.71	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	503.11	515.51	509.32	509.31	1.22	ppb
Thallium	205-1	507.93	519.66	505.51	511.03	1.48	ppb
Tin	118-1	504.80	481.09	493.60	493.16	2.40	ppb
Titanium	47-1	2463.35	2530.62	2469.36	2487.78	1.50	ppb
Uranium	238-1	518.51	524.47	514.70	519.23	0.95	ppb
Vanadium	51-2	490.98	501.83	496.67	496.49	1.09	ppb
Yttrium	89-1				105		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:36:20	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	4871.35	4929.46	4844.30	4881.70	0.89	ppb
Zirconium	90-1	498.47	516.35	501.01	505.28	1.91	ppb
Zirconium	91-1	490.91	510.45	494.69	498.68	2.08	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:53:44	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.59	20.67	23.28	23.85	14.65	ppb
Antimony	121-1	1.96	2.03	2.05	2.01	2.50	ppb
Arsenic	75-2	1.02	0.85	1.21	1.03	17.41	ppb
Barium	135-1	9.58	9.70	9.08	9.45	3.48	ppb
Barium	137-1	9.59	9.74	10.59	9.97	5.44	ppb
Beryllium	9-1	1.04	0.90	0.99	0.98	7.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	22.49	23.98	27.48	24.65	10.38	ppb
Boron	10-1	20.48	25.59	27.87	24.65	15.35	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.19	-3.13	-1.13	-1.49		ppb
Cadmium	108-1	2.01	1.46	1.15	1.54	28.31	ppb
Cadmium	111-1	0.95	0.63	0.85	0.81	20.01	ppb
Calcium	43-1	474.63	464.36	473.21	470.73	1.18	ppb
Calcium	44-1	469.05	437.23	454.92	453.73	3.51	ppb
Chromium	52-2	1.88	1.95	2.05	1.96	4.39	ppb
Cobalt	59-2	1.02	0.92	1.01	0.98	5.65	ppb
Copper	63-2	2.19	2.29	2.40	2.29	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	48.44	46.73	46.67	47.28	2.13	ppb
Iron	56-2	49.08	45.68	47.95	47.57	3.65	ppb
Iron	57-2	58.55	51.30	48.27	52.71	10.02	ppb
Krypton	83-1						cps
Lead	207-1	1.25	1.12	1.04	1.14	9.51	ppb
Lead	208-1	1.21	1.19	1.20	1.20	0.95	ppb
Lead	206-1	1.09	1.17	1.21	1.16	5.10	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:53:44	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	502.72	474.79	487.68	488.40	2.86	ppb
Manganese	55-2	1.25	0.82	0.86	0.98	24.36	ppb
Molybdenum	94-1	4.94	4.93	5.03	4.97	1.19	ppb
Molybdenum	95-1	5.24	5.22	4.85	5.10	4.30	ppb
Molybdenum	96-1	5.20	5.09	4.61	4.97	6.34	ppb
Molybdenum	97-1	4.67	4.71	4.78	4.72	1.22	ppb
Molybdenum	98-1	4.83	4.94	4.96	4.91	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.03	1.09	1.05	3.09	ppb
Phosphorus	31-2	-28.80	60.71	-37.59	-1.89		ppb
Potassium	39-2	481.09	417.99	447.55	448.88	7.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	5.62	2.80	2.85	3.76	43.04	ppb
Selenium	78-2	4.79	4.50	5.48	4.92	10.18	ppb
Selenium	82-1	5.78	3.83	6.04	5.22	23.13	ppb
Silicon	28-1	9.94	-2.73	-5.32	0.63	1295.46	ppb
Silver	109-1	0.90	1.13	0.99	1.01	11.72	ppb
Silver	107-1	0.97	1.02	0.97	0.99	2.65	ppb
Sodium	23-2	537.03	509.54	525.67	524.08	2.64	ppb
Strontium	86-1	1.35	0.99	0.91	1.08	21.86	ppb
Strontium	88-1	0.98	0.96	0.96	0.97	1.14	ppb
Sulfur	34-1	-1556.20	-2882.47	-3394.52	-2611.06		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.11	0.87	0.94	0.97	12.76	ppb
Thallium	205-1	1.03	1.07	0.98	1.03	4.68	ppb
Tin	118-1	5.13	4.65	4.78	4.85	5.08	ppb
Titanium	47-1	4.58	5.63	5.30	5.17	10.34	ppb
Uranium	238-1	0.90	0.91	0.85	0.88	3.77	ppb
Vanadium	51-2	5.25	5.01	5.10	5.12	2.39	ppb
Yttrium	89-1				100		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:53:44	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	2.13	1.89	1.83	1.95	8.25	ppb
Zirconium	90-1	1.07	0.93	0.99	1.00	6.82	ppb
Zirconium	91-1	1.11	0.85	0.97	0.98	13.43	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:56:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	2.67	2.66	3.24	30.99	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	54.73	ppb
Arsenic	75-2	-0.02	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.01	-0.08	-0.03	-0.04		ppb
Barium	137-1	0.03	-0.02	0.02	0.01	289.72	ppb
Beryllium	9-1	-0.02	-0.04	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	9.80	9.29	9.08	9.39	3.95	ppb
Boron	10-1	9.64	8.49	7.19	8.44	14.50	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.72	-2.40	-3.88	-3.00		ppb
Cadmium	108-1	0.10	0.21	0.10	0.14	45.02	ppb
Cadmium	111-1	-0.24	-0.20	-0.30	-0.24		ppb
Calcium	43-1	-8.45	11.84	2.07	1.82	557.19	ppb
Calcium	44-1	-26.92	-24.34	-21.43	-24.23		ppb
Chromium	52-2	0.10	0.02	-0.14	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.16	0.24	0.25	0.22	21.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	-2.05	0.33	-1.34	-1.02		ppb
Iron	56-2	0.35	0.18	-0.39	0.05	824.42	ppb
Iron	57-2	-1.55	-1.13	1.55	-0.38		ppb
Krypton	83-1						cps
Lead	207-1	0.24	0.25	0.19	0.23	13.83	ppb
Lead	208-1	0.21	0.24	0.21	0.22	8.44	ppb
Lead	206-1	0.21	0.31	0.22	0.25	22.56	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:56:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	0.75	0.74	3.77	1.75	99.60	ppb
Manganese	55-2	-0.05	-0.05	-0.01	-0.04		ppb
Molybdenum	94-1	-0.03	-0.03	0.04	0.00		ppb
Molybdenum	95-1	0.02	0.06	0.01	0.03	95.10	ppb
Molybdenum	96-1	0.01	-0.01	0.03	0.01	246.14	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	153.54	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	73.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.04	0.06	0.07	48.81	ppb
Phosphorus	31-2	5.81	-30.47	52.52	9.29	448.04	ppb
Potassium	39-2	-25.18	-45.04	-22.10	-30.77		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	2.81	0.00	0.94	173.21	ppb
Selenium	78-2	0.24	-0.16	0.39	0.16	182.77	ppb
Selenium	82-1	0.20	-1.17	-1.03	-0.67		ppb
Silicon	28-1	-7.19	-9.83	-6.90	-7.97		ppb
Silver	109-1	0.01	-0.01	0.01	0.00	434.54	ppb
Silver	107-1	0.00	0.00	0.00	0.00	127.20	ppb
Sodium	23-2	18.75	14.29	10.19	14.41	29.70	ppb
Strontium	86-1	-0.09	0.06	0.03	0.00	2724.60	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-2338.76	-1525.33	-1529.57	-1797.89		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	0.01	0.03	0.01	0.02	68.85	ppb
Tin	118-1	0.02	-0.04	-0.07	-0.03		ppb
Titanium	47-1	0.07	-0.04	-0.41	-0.13		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.03	-0.01	-0.01		ppb
Yttrium	89-1				99		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:56:32	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.33	-0.41	0.02	-0.24		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.02	0.03	0.00	871.19	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:59:23	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.40	17.14	23.91	19.48	19.69	ppb
Antimony	121-1	1.79	1.90	1.79	1.82	3.43	ppb
Arsenic	75-2	1.04	0.96	0.91	0.97	6.57	ppb
Barium	135-1	10.04	9.32	9.03	9.46	5.51	ppb
Barium	137-1	9.45	9.78	9.35	9.53	2.35	ppb
Beryllium	9-1	0.87	0.86	0.89	0.87	1.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	21.35	24.34	26.60	24.10	10.91	ppb
Boron	10-1	20.78	23.95	27.13	23.95	13.25	ppb
Bromine	81-1						cps
Cadmium	106-1	1.49	-0.49	-0.83	0.06	2265.56	ppb
Cadmium	108-1	1.02	1.22	0.50	0.91	40.39	ppb
Cadmium	111-1	1.17	0.70	0.78	0.88	28.55	ppb
Calcium	43-1	413.08	453.40	438.55	435.01	4.69	ppb
Calcium	44-1	436.35	445.31	425.46	435.71	2.28	ppb
Chromium	52-2	1.82	2.07	2.03	1.97	6.95	ppb
Cobalt	59-2	1.00	0.90	0.95	0.95	5.34	ppb
Copper	63-2	2.47	2.13	2.05	2.21	10.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	50.45	43.92	41.38	45.25	10.34	ppb
Iron	56-2	45.59	45.67	46.31	45.86	0.86	ppb
Iron	57-2	42.41	47.21	53.52	47.71	11.68	ppb
Krypton	83-1						cps
Lead	207-1	1.06	1.03	1.23	1.11	9.58	ppb
Lead	208-1	1.12	1.10	1.18	1.13	3.91	ppb
Lead	206-1	1.13	1.01	1.25	1.13	10.61	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:59:23	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	464.93	457.30	455.89	459.37	1.06	ppb
Manganese	55-2	0.84	0.81	1.00	0.88	11.99	ppb
Molybdenum	94-1	4.83	4.35	5.04	4.74	7.54	ppb
Molybdenum	95-1	4.77	4.74	5.00	4.84	2.96	ppb
Molybdenum	96-1	4.91	4.74	5.02	4.89	2.83	ppb
Molybdenum	97-1	4.25	4.90	4.53	4.56	7.14	ppb
Molybdenum	98-1	4.79	5.04	4.81	4.88	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.07	0.95	1.03	6.88	ppb
Phosphorus	31-2	-30.39	-21.26	-12.52	-21.39		ppb
Potassium	39-2	440.66	436.43	422.61	433.23	2.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	2.79	5.57	16.79	8.38	88.41	ppb
Selenium	78-2	7.16	3.93	2.02	4.37	59.44	ppb
Selenium	82-1	5.52	6.60	2.22	4.78	47.73	ppb
Silicon	28-1	0.48	2.62	-1.67	0.48	450.71	ppb
Silver	109-1	0.99	0.97	0.90	0.95	4.95	ppb
Silver	107-1	0.97	1.00	0.95	0.97	2.81	ppb
Sodium	23-2	511.85	509.48	492.48	504.60	2.09	ppb
Strontium	86-1	1.05	1.22	0.91	1.06	14.38	ppb
Strontium	88-1	0.94	1.00	0.95	0.96	3.65	ppb
Sulfur	34-1	-2334.96	-1894.73	-2382.23	-2203.97		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.98	0.87	0.93	0.93	5.91	ppb
Thallium	205-1	0.92	1.02	0.89	0.94	7.15	ppb
Tin	118-1	4.57	4.94	4.62	4.71	4.27	ppb
Titanium	47-1	4.51	4.97	4.40	4.63	6.61	ppb
Uranium	238-1	0.84	0.90	0.91	0.88	4.70	ppb
Vanadium	51-2	5.06	4.62	4.70	4.79	4.96	ppb
Yttrium	89-1				101		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:59:23	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2.21	2.16	1.77	2.05	11.70	ppb
Zirconium	90-1	0.93	0.94	1.03	0.97	5.97	ppb
Zirconium	91-1	1.17	0.92	0.80	0.96	19.46	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : PB129599BL Instrumnet Name : P8
 Client Sample ID : PB129599BL Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:02:11 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.57	4.07	2.39	3.68	30.98	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	158.31	ppb
Arsenic	75-2	-0.08	0.01	0.01	-0.02		ppb
Barium	135-1	-0.10	-0.03	-0.04	-0.06		ppb
Barium	137-1	0.04	-0.02	0.02	0.01	253.07	ppb
Beryllium	9-1	-0.01	0.02	-0.03	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	9.46	8.22	7.62	8.43	11.13	ppb
Boron	10-1	9.94	8.63	6.62	8.40	19.96	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.16	-2.62	0.01	-1.26		ppb
Cadmium	108-1	0.00	0.20	0.10	0.10	104.24	ppb
Cadmium	111-1	-0.13	-0.23	-0.04	-0.13		ppb
Calcium	43-1	-8.98	-6.71	-14.43	-10.04		ppb
Calcium	44-1	-9.22	-39.23	-31.10	-26.52		ppb
Chromium	52-2	-0.08	0.00	-0.12	-0.07		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.15	0.15	0.12	0.14	14.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	-2.44	1.21	-3.62	-1.62		ppb
Iron	56-2	-0.34	0.19	-0.12	-0.09		ppb
Iron	57-2	-2.85	-1.53	0.04	-1.44		ppb
Krypton	83-1						cps
Lead	207-1	0.18	0.17	0.08	0.14	37.67	ppb
Lead	208-1	0.17	0.18	0.12	0.16	21.41	ppb
Lead	206-1	0.16	0.20	0.16	0.17	13.53	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BL	Instrumnet Name :	P8
Client Sample ID :	PB129599BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:02:11	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	-0.70	1.00	-2.07	-0.59		ppb
Manganese	55-2	-0.04	-0.07	0.01	-0.04		ppb
Molybdenum	94-1	-0.06	0.06	0.02	0.00	2077.25	ppb
Molybdenum	95-1	-0.01	0.03	-0.02	0.00	22869.23	ppb
Molybdenum	96-1	-0.01	0.05	0.02	0.02	178.20	ppb
Molybdenum	97-1	0.04	0.02	0.00	0.02	119.56	ppb
Molybdenum	98-1	-0.01	0.00	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.00	0.06	0.04	82.07	ppb
Phosphorus	31-2	-12.20	-29.90	21.35	-6.92		ppb
Potassium	39-2	-42.25	-35.60	-49.15	-42.33		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.91	2.48	-0.17	1.07	124.75	ppb
Selenium	82-1	-0.53	0.45	-0.63	-0.24		ppb
Silicon	28-1	-8.53	-17.88	-16.71	-14.37		ppb
Silver	109-1	0.01	-0.01	0.00	0.00	335.86	ppb
Silver	107-1	0.01	0.01	0.00	0.01	63.21	ppb
Sodium	23-2	17.73	17.30	9.77	14.93	29.96	ppb
Strontium	86-1	0.09	0.08	-0.04	0.04	174.35	ppb
Strontium	88-1	-0.01	-0.02	-0.01	-0.01		ppb
Sulfur	34-1	-1028.79	-2787.12	-3417.77	-2411.23		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.03	-0.05	-0.03		ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.03	0.00	-0.06	-0.03		ppb
Titanium	47-1	0.17	0.12	0.37	0.22	59.89	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.03	-0.03	-0.02		ppb
Yttrium	89-1				100		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BL	Instrumnet Name :	P8
Client Sample ID :	PB129599BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:02:11	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.31	-0.49	-0.37	-0.39		ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BS	Instrumnet Name :	P8
Client Sample ID :	PB129599BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:05:02	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10259.01	10284.97	9901.99	10148.66	2.11	ppb
Antimony	121-1	499.04	495.37	495.75	496.72	0.41	ppb
Arsenic	75-2	502.85	496.01	502.58	500.48	0.77	ppb
Barium	135-1	2508.76	2491.38	2448.01	2482.71	1.26	ppb
Barium	137-1	2535.63	2487.19	2447.96	2490.26	1.76	ppb
Beryllium	9-1	491.98	494.38	488.46	491.61	0.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	364.75	429.28	458.65	417.56	11.50	ppb
Boron	10-1	367.56	414.27	460.33	414.05	11.20	ppb
Bromine	81-1						cps
Cadmium	106-1	510.95	496.85	519.41	509.07	2.24	ppb
Cadmium	108-1	491.28	499.18	494.24	494.90	0.81	ppb
Cadmium	111-1	504.46	497.89	497.10	499.82	0.81	ppb
Calcium	43-1	49329.57	47976.11	49584.35	48963.34	1.77	ppb
Calcium	44-1	48270.02	46023.50	47984.75	47426.09	2.58	ppb
Chromium	52-2	503.99	498.09	493.23	498.44	1.08	ppb
Cobalt	59-2	500.25	499.61	497.24	499.03	0.32	ppb
Copper	63-2	5116.39	5015.28	5018.62	5050.10	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	54-2	24748.51	24761.45	24691.63	24733.86	0.15	ppb
Iron	56-2	24711.95	24562.52	24378.58	24551.02	0.68	ppb
Iron	57-2	24340.10	24033.79	24238.27	24204.06	0.64	ppb
Krypton	83-1						cps
Lead	207-1	2542.93	2581.11	2512.42	2545.49	1.35	ppb
Lead	208-1	2527.44	2544.51	2498.94	2523.63	0.91	ppb
Lead	206-1	2540.68	2540.25	2541.09	2540.67	0.02	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BS	Instrumnet Name :	P8
Client Sample ID :	PB129599BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:05:02	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	51250.55	49034.20	49400.41	49895.05	2.38	ppb
Manganese	55-2	5065.15	5007.32	4979.32	5017.26	0.87	ppb
Molybdenum	94-1	2569.96	2509.67	2531.00	2536.88	1.21	ppb
Molybdenum	95-1	2589.26	2532.64	2548.15	2556.68	1.14	ppb
Molybdenum	96-1	2534.83	2487.43	2545.85	2522.70	1.23	ppb
Molybdenum	97-1	2513.57	2474.80	2600.46	2529.61	2.54	ppb
Molybdenum	98-1	2491.53	2515.79	2535.34	2514.22	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.21	503.77	504.17	507.05	1.05	ppb
Phosphorus	31-2	10023.19	9845.50	9748.58	9872.43	1.41	ppb
Potassium	39-2	25148.93	25272.29	24838.54	25086.59	0.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	467.65	505.97	494.01	489.21	4.01	ppb
Selenium	78-2	495.97	501.14	496.89	498.00	0.55	ppb
Selenium	82-1	492.94	488.50	500.46	493.97	1.22	ppb
Silicon	28-1	582.68	660.29	751.74	664.90	12.73	ppb
Silver	109-1	498.61	496.83	493.78	496.41	0.49	ppb
Silver	107-1	493.40	497.57	494.87	495.28	0.43	ppb
Sodium	23-2	50946.36	51300.84	51245.73	51164.31	0.37	ppb
Strontium	86-1	501.58	491.84	498.44	497.28	1.00	ppb
Strontium	88-1	504.60	502.85	500.33	502.60	0.43	ppb
Sulfur	34-1	11382.82	9118.11	10119.44	10206.79	11.12	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	500.79	512.34	496.12	503.08	1.66	ppb
Thallium	205-1	491.41	502.89	499.46	497.92	1.18	ppb
Tin	118-1	503.60	499.58	496.89	500.02	0.68	ppb
Titanium	47-1	2463.24	2427.87	2455.00	2448.70	0.76	ppb
Uranium	238-1	497.06	502.86	497.81	499.24	0.63	ppb
Vanadium	51-2	501.45	498.04	494.64	498.05	0.68	ppb
Yttrium	89-1				105		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BS	Instrumnet Name :	P8
Client Sample ID :	PB129599BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:05:02	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	5038.25	4989.30	4973.88	5000.47	0.67	ppb
Zirconium	90-1	494.81	507.11	501.96	501.29	1.23	ppb
Zirconium	91-1	492.81	501.15	500.84	498.26	0.95	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:07:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.40	5.79	11.49	10.23	38.71	ppb
Antimony	121-1	0.15	0.13	0.14	0.14	4.52	ppb
Arsenic	75-2	0.40	0.55	0.54	0.50	17.38	ppb
Barium	135-1	50.19	48.42	50.79	49.80	2.48	ppb
Barium	137-1	48.66	48.46	50.25	49.12	2.00	ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	23.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	986.48	1119.89	1194.61	1100.33	9.58	ppb
Boron	10-1	943.85	1074.30	1165.38	1061.18	10.49	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.91	-1.59	-1.98	-1.49		ppb
Cadmium	108-1	-0.11	0.28	0.09	0.09	214.90	ppb
Cadmium	111-1	-0.10	-0.12	-0.17	-0.13		ppb
Calcium	43-1	151266.91	152587.35	154730.71	152861.65	1.14	ppb
Calcium	44-1	145639.16	150029.44	151697.69	149122.10	2.10	ppb
Chromium	52-2	31.42	31.78	31.62	31.61	0.57	ppb
Cobalt	59-2	0.33	0.30	0.28	0.30	9.68	ppb
Copper	63-2	1.62	1.66	1.72	1.67	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	768.23	731.22	723.89	741.12	3.21	ppb
Iron	56-2	712.80	703.80	713.13	709.91	0.75	ppb
Iron	57-2	696.25	693.32	751.59	713.72	4.60	ppb
Krypton	83-1						cps
Lead	207-1	0.44	0.44	0.42	0.43	2.26	ppb
Lead	208-1	0.47	0.45	0.48	0.47	2.67	ppb
Lead	206-1	0.49	0.50	0.42	0.47	8.81	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:07:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	14561.45	14453.42	14614.28	14543.05	0.56	ppb
Manganese	55-2	29.55	29.04	29.16	29.25	0.90	ppb
Molybdenum	94-1	0.79	0.82	0.79	0.80	2.47	ppb
Molybdenum	95-1	0.85	1.01	1.11	0.99	13.24	ppb
Molybdenum	96-1	1.15	0.89	0.96	1.00	13.52	ppb
Molybdenum	97-1	0.99	1.01	0.81	0.94	11.60	ppb
Molybdenum	98-1	1.07	0.86	1.01	0.98	10.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.81	43.16	43.67	43.55	0.79	ppb
Phosphorus	31-2	-7.63	-60.71	-50.88	-39.74		ppb
Potassium	39-2	1453.28	1521.94	1531.01	1502.08	2.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.00	2.68	0.00	0.89	173.21	ppb
Selenium	78-2	-3.03	-0.52	1.09	-0.82		ppb
Selenium	82-1	-0.33	1.62	0.86	0.72	137.71	ppb
Silicon	28-1	12875.26	12729.60	13024.95	12876.60	1.15	ppb
Silver	109-1	0.02	0.04	0.01	0.02	56.61	ppb
Silver	107-1	0.02	0.03	0.04	0.03	19.30	ppb
Sodium	23-2	254899.85	253436.49	259421.83	255919.39	1.22	ppb
Strontium	86-1	794.55	800.97	812.17	802.56	1.11	ppb
Strontium	88-1	797.06	789.07	804.80	796.98	0.99	ppb
Sulfur	34-1	62594.63	62334.64	64921.16	63283.47	2.25	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.10	0.20	0.16	30.95	ppb
Thallium	205-1	0.23	0.23	0.19	0.22	9.73	ppb
Tin	118-1	0.01	0.04	0.03	0.03	50.85	ppb
Titanium	47-1	0.70	0.25	0.24	0.39	67.39	ppb
Uranium	238-1	3.53	3.84	3.86	3.74	4.98	ppb
Vanadium	51-2	8.15	7.91	7.96	8.00	1.58	ppb
Yttrium	89-1				106		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:07:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4.83	4.26	5.38	4.82	11.59	ppb
Zirconium	90-1	0.09	0.07	0.05	0.07	27.59	ppb
Zirconium	91-1	0.03	0.09	0.06	0.06	52.57	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-09DUP Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610DL Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:10:41 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.54	6.00	5.71	7.75	42.35	ppb
Antimony	121-1	0.10	0.10	0.05	0.08	36.94	ppb
Arsenic	75-2	0.40	0.42	0.40	0.41	3.53	ppb
Barium	135-1	49.53	50.35	49.69	49.86	0.87	ppb
Barium	137-1	49.14	49.66	50.85	49.88	1.76	ppb
Beryllium	9-1	0.06	0.02	0.04	0.04	46.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	1063.55	1197.10	1274.16	1178.27	9.04	ppb
Boron	10-1	1028.29	1155.21	1225.88	1136.46	8.81	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.85	-0.71	-1.74	-1.44		ppb
Cadmium	108-1	0.09	0.09	0.09	0.09	3.60	ppb
Cadmium	111-1	-0.17	-0.07	-0.14	-0.13		ppb
Calcium	43-1	148323.52	153705.07	153320.26	151782.95	1.98	ppb
Calcium	44-1	145548.61	149685.73	148674.90	147969.75	1.46	ppb
Chromium	52-2	30.74	32.11	31.18	31.34	2.23	ppb
Cobalt	59-2	0.32	0.37	0.26	0.32	18.36	ppb
Copper	63-2	1.54	1.54	1.17	1.42	15.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	759.03	715.52	730.58	735.05	3.01	ppb
Iron	56-2	707.56	710.96	710.27	709.60	0.25	ppb
Iron	57-2	709.40	703.17	711.79	708.12	0.63	ppb
Krypton	83-1						cps
Lead	207-1	0.36	0.28	0.36	0.33	13.90	ppb
Lead	208-1	0.40	0.38	0.39	0.39	2.68	ppb
Lead	206-1	0.36	0.46	0.38	0.40	13.88	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09DUP	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610DL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:10:41	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	14407.17	14397.77	14441.48	14415.47	0.16	ppb
Manganese	55-2	29.16	27.88	30.05	29.03	3.76	ppb
Molybdenum	94-1	0.67	0.78	0.69	0.72	8.24	ppb
Molybdenum	95-1	0.89	1.03	0.90	0.94	8.18	ppb
Molybdenum	96-1	0.89	0.99	0.94	0.94	5.41	ppb
Molybdenum	97-1	0.69	0.86	0.86	0.80	12.58	ppb
Molybdenum	98-1	0.84	0.96	0.78	0.86	10.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.92	42.97	43.94	43.27	1.34	ppb
Phosphorus	31-2	-2.71	-53.34	-9.28	-21.78		ppb
Potassium	39-2	1486.82	1484.82	1492.32	1487.99	0.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.00	5.31	0.00	1.77	173.21	ppb
Selenium	78-2	1.11	2.19	-0.19	1.04	114.94	ppb
Selenium	82-1	1.47	1.78	1.61	1.62	9.72	ppb
Silicon	28-1	12467.99	12901.52	12950.89	12773.47	2.08	ppb
Silver	109-1	0.02	0.01	0.01	0.01	62.36	ppb
Silver	107-1	0.02	0.02	0.03	0.03	14.53	ppb
Sodium	23-2	248757.21	249718.94	254151.11	250875.75	1.15	ppb
Strontium	86-1	795.37	802.46	801.23	799.69	0.47	ppb
Strontium	88-1	797.37	807.67	800.80	801.95	0.65	ppb
Sulfur	34-1	58355.14	62461.89	62880.46	61232.50	4.08	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.00	0.00	0.01	254.31	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	36.67	ppb
Tin	118-1	0.00	0.02	-0.01	0.01	316.06	ppb
Titanium	47-1	0.51	0.47	0.73	0.57	24.22	ppb
Uranium	238-1	3.48	3.66	3.74	3.63	3.72	ppb
Vanadium	51-2	7.68	7.80	8.48	7.99	5.43	ppb
Yttrium	89-1				105		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09DUP	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610DL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:10:41	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	5.06	4.10	5.01	4.72	11.46	ppb
Zirconium	90-1	0.05	0.07	0.07	0.06	21.05	ppb
Zirconium	91-1	0.00	0.05	0.03	0.03	100.82	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09LX5	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:13:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	5.16	1.74	2.32	111.87	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	11.65	ppb
Arsenic	75-2	0.03	0.06	0.03	0.04	46.77	ppb
Barium	135-1	9.27	9.69	9.67	9.54	2.50	ppb
Barium	137-1	9.50	9.96	10.79	10.09	6.48	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	341.08	352.27	363.03	352.13	3.12	ppb
Boron	10-1	324.83	335.97	351.24	337.35	3.93	ppb
Bromine	81-1						cps
Cadmium	106-1	0.77	-2.79	0.84	-0.39		ppb
Cadmium	108-1	-0.11	0.10	-0.11	-0.04		ppb
Cadmium	111-1	0.04	-0.24	0.06	-0.05		ppb
Calcium	43-1	30430.21	30479.16	30254.27	30387.88	0.39	ppb
Calcium	44-1	30150.14	30289.29	29639.80	30026.41	1.14	ppb
Chromium	52-2	6.15	6.05	6.37	6.19	2.59	ppb
Cobalt	59-2	0.05	0.03	0.03	0.03	41.32	ppb
Copper	63-2	0.67	0.75	0.82	0.75	9.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	134.59	127.98	138.56	133.71	4.00	ppb
Iron	56-2	141.18	142.19	145.19	142.85	1.46	ppb
Iron	57-2	137.58	138.60	142.74	139.64	1.96	ppb
Krypton	83-1						cps
Lead	207-1	0.37	0.22	0.31	0.30	25.08	ppb
Lead	208-1	0.33	0.30	0.30	0.31	4.92	ppb
Lead	206-1	0.28	0.28	0.29	0.28	2.09	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09LX5	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:13:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2913.08	2910.59	2902.54	2908.73	0.19	ppb
Manganese	55-2	6.64	5.57	5.91	6.04	8.98	ppb
Molybdenum	94-1	0.02	0.08	0.12	0.07	65.69	ppb
Molybdenum	95-1	0.18	0.17	0.26	0.21	24.74	ppb
Molybdenum	96-1	0.11	0.10	0.19	0.13	35.60	ppb
Molybdenum	97-1	0.24	0.22	0.13	0.20	28.66	ppb
Molybdenum	98-1	0.21	0.19	0.19	0.20	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.13	8.70	8.94	8.92	2.39	ppb
Phosphorus	31-2	-15.79	-6.88	21.06	-0.54		ppb
Potassium	39-2	257.93	255.76	248.27	253.99	1.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	2.72	2.69	0.00	1.80	86.60	ppb
Selenium	78-2	-0.91	-1.21	-0.39	-0.83		ppb
Selenium	82-1	2.64	-0.05	-0.85	0.58	315.59	ppb
Silicon	28-1	2571.23	2548.17	2553.80	2557.73	0.47	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.38	ppb
Silver	107-1	0.02	0.00	0.02	0.02	65.70	ppb
Sodium	23-2	51521.95	51286.58	50990.74	51266.42	0.52	ppb
Strontium	86-1	157.51	164.37	159.73	160.54	2.18	ppb
Strontium	88-1	159.85	159.11	161.90	160.29	0.90	ppb
Sulfur	34-1	9178.21	6995.73	7851.34	8008.43	13.73	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.04	-0.04	-0.03		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	111.44	ppb
Tin	118-1	0.01	-0.04	0.00	-0.01		ppb
Titanium	47-1	0.28	-0.04	-0.04	0.07	271.19	ppb
Uranium	238-1	0.76	0.72	0.64	0.70	8.40	ppb
Vanadium	51-2	1.51	1.55	1.27	1.45	10.47	ppb
Yttrium	89-1				103		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09LX5	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:13:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.97	0.91	1.63	1.17	34.03	ppb
Zirconium	90-1	-0.01	0.01	0.04	0.01	185.20	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.01	196.24	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-10	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:16:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9032.62	9112.61	9233.44	9126.22	1.11	ppb
Antimony	121-1	496.31	519.81	515.37	510.50	2.45	ppb
Arsenic	75-2	518.15	526.70	525.06	523.30	0.87	ppb
Barium	135-1	2495.03	2564.66	2532.94	2530.88	1.38	ppb
Barium	137-1	2512.73	2559.73	2518.92	2530.46	1.01	ppb
Beryllium	9-1	508.04	510.43	507.89	508.79	0.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	1449.31	1612.23	1747.78	1603.11	9.32	ppb
Boron	10-1	1424.53	1578.34	1668.41	1557.10	7.92	ppb
Bromine	81-1						cps
Cadmium	106-1	512.84	516.62	491.99	507.15	2.62	ppb
Cadmium	108-1	492.16	507.34	508.16	502.56	1.79	ppb
Cadmium	111-1	506.35	508.88	508.13	507.79	0.26	ppb
Calcium	43-1	202672.22	210683.69	205203.44	206186.45	1.99	ppb
Calcium	44-1	201413.26	205576.64	203249.29	203413.07	1.03	ppb
Chromium	52-2	524.66	525.50	533.79	527.99	0.96	ppb
Cobalt	59-2	496.07	493.84	508.47	499.46	1.58	ppb
Copper	63-2	895.45	897.15	919.72	904.11	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	24050.97	24193.36	24607.97	24284.10	1.19	ppb
Iron	56-2	23998.43	23702.78	24445.42	24048.88	1.55	ppb
Iron	57-2	23455.68	23644.17	23981.65	23693.84	1.12	ppb
Krypton	83-1						cps
Lead	207-1	517.90	523.71	519.12	520.24	0.59	ppb
Lead	208-1	518.57	527.60	523.83	523.33	0.87	ppb
Lead	206-1	514.81	533.21	522.03	523.35	1.77	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-10	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:16:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	60833.28	61403.68	61308.47	61181.81	0.50	ppb
Manganese	55-2	975.47	974.99	1001.86	984.11	1.56	ppb
Molybdenum	94-1	2508.87	2561.48	2565.58	2545.31	1.24	ppb
Molybdenum	95-1	2499.43	2559.83	2548.22	2535.83	1.26	ppb
Molybdenum	96-1	2526.04	2553.31	2540.72	2540.02	0.54	ppb
Molybdenum	97-1	2497.12	2486.13	2510.94	2498.06	0.50	ppb
Molybdenum	98-1	2485.08	2488.33	2522.24	2498.55	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.78	538.69	553.03	546.17	1.32	ppb
Phosphorus	31-2	-27.91	5.47	9.23	-4.40		ppb
Potassium	39-2	25280.09	25420.61	26036.75	25579.15	1.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	497.89	541.09	473.54	504.17	6.79	ppb
Selenium	78-2	494.07	508.13	495.90	499.37	1.53	ppb
Selenium	82-1	495.10	508.36	504.77	502.74	1.36	ppb
Silicon	28-1	13218.17	13303.11	13050.98	13190.76	0.97	ppb
Silver	109-1	24.83	24.48	24.60	24.64	0.71	ppb
Silver	107-1	230.68	98.22	24.54	117.81	88.66	ppb
Sodium	23-2	295213.04	292418.25	300850.88	296160.72	1.45	ppb
Strontium	86-1	1309.69	1327.98	1309.93	1315.86	0.80	ppb
Strontium	88-1	1302.08	1331.39	1307.72	1313.73	1.18	ppb
Sulfur	34-1	61835.19	62801.23	61572.16	62069.53	1.04	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	503.54	517.97	520.71	514.07	1.79	ppb
Thallium	205-1	510.70	518.00	512.75	513.82	0.73	ppb
Tin	118-1	469.43	474.08	463.25	468.92	1.16	ppb
Titanium	47-1	2354.37	2405.98	2429.71	2396.69	1.61	ppb
Uranium	238-1	516.46	529.51	519.23	521.73	1.32	ppb
Vanadium	51-2	505.78	506.58	524.05	512.14	2.02	ppb
Yttrium	89-1				104		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-10	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:16:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	935.39	930.21	948.25	937.95	0.99	ppb
Zirconium	90-1	502.48	505.28	516.53	508.10	1.46	ppb
Zirconium	91-1	498.58	499.75	506.70	501.68	0.87	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-11 Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610M Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:19:08 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8986.13	8990.18	8931.38	8969.23	0.37	ppb
Antimony	121-1	501.63	498.77	495.83	498.75	0.58	ppb
Arsenic	75-2	519.39	512.21	519.76	517.12	0.82	ppb
Barium	135-1	2436.37	2492.15	2438.97	2455.83	1.28	ppb
Barium	137-1	2428.83	2485.11	2499.57	2471.17	1.51	ppb
Beryllium	9-1	495.61	501.44	502.81	499.95	0.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	1572.72	1732.82	1844.43	1716.66	7.96	ppb
Boron	10-1	1517.72	1676.53	1791.37	1661.87	8.27	ppb
Bromine	81-1						cps
Cadmium	106-1	488.11	499.38	473.58	487.02	2.66	ppb
Cadmium	108-1	499.38	491.31	505.94	498.88	1.47	ppb
Cadmium	111-1	491.17	503.26	491.44	495.29	1.39	ppb
Calcium	43-1	199213.68	204529.78	203127.32	202290.26	1.36	ppb
Calcium	44-1	196694.76	201991.23	200717.49	199801.16	1.38	ppb
Chromium	52-2	522.73	520.70	522.30	521.91	0.21	ppb
Cobalt	59-2	492.16	492.35	490.33	491.61	0.23	ppb
Copper	63-2	883.94	896.18	887.22	889.11	0.71	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				108		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	23952.36	23909.48	23778.84	23880.23	0.38	ppb
Iron	56-2	23535.68	23583.32	23483.45	23534.15	0.21	ppb
Iron	57-2	23251.97	23306.97	23245.91	23268.29	0.14	ppb
Krypton	83-1						cps
Lead	207-1	508.19	507.39	510.70	508.76	0.34	ppb
Lead	208-1	511.76	510.46	514.66	512.29	0.42	ppb
Lead	206-1	511.80	510.14	514.27	512.07	0.41	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-11 Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610M Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:19:08 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	61284.34	61235.18	60606.61	61042.04	0.62	ppb
Manganese	55-2	970.03	969.38	966.56	968.66	0.19	ppb
Molybdenum	94-1	2417.45	2522.28	2489.01	2476.25	2.16	ppb
Molybdenum	95-1	2444.17	2477.28	2507.72	2476.39	1.28	ppb
Molybdenum	96-1	2458.58	2476.47	2499.83	2478.29	0.83	ppb
Molybdenum	97-1	2484.38	2458.00	2521.05	2487.81	1.27	ppb
Molybdenum	98-1	2448.19	2478.70	2533.13	2486.67	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.61	541.10	541.65	543.46	0.66	ppb
Phosphorus	31-2	15.25	49.48	-19.53	15.07	229.00	ppb
Potassium	39-2	25314.64	25260.56	25085.89	25220.37	0.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	509.83	473.97	462.70	482.17	5.10	ppb
Selenium	78-2	496.69	499.01	491.82	495.84	0.74	ppb
Selenium	82-1	501.12	493.22	502.44	498.93	1.00	ppb
Silicon	28-1	13055.44	13211.97	13247.59	13171.67	0.78	ppb
Silver	109-1	59.97	74.15	25.51	53.21	47.01	ppb
Silver	107-1	65.22	91.91	55.06	70.73	26.91	ppb
Sodium	23-2	296664.69	293154.03	293081.28	294300.00	0.70	ppb
Strontium	86-1	1297.25	1281.18	1320.83	1299.76	1.53	ppb
Strontium	88-1	1276.41	1300.57	1315.01	1297.33	1.50	ppb
Sulfur	34-1	61582.72	63093.00	62146.42	62274.05	1.23	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	503.99	497.92	501.32	501.08	0.61	ppb
Thallium	205-1	494.41	497.71	503.37	498.50	0.91	ppb
Tin	118-1	468.52	478.20	462.09	469.60	1.73	ppb
Titanium	47-1	2337.29	2407.04	2396.17	2380.17	1.58	ppb
Uranium	238-1	509.71	505.06	516.06	510.28	1.08	ppb
Vanadium	51-2	505.03	510.12	506.26	507.14	0.52	ppb
Yttrium	89-1				106		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-11	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:19:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	932.71	946.53	915.58	931.61	1.66	ppb
Zirconium	90-1	497.60	495.86	503.99	499.15	0.86	ppb
Zirconium	91-1	483.40	501.96	505.24	496.87	2.37	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-09A Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610A Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:21:59 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9110.61	9034.34	9102.24	9082.39	0.46	ppb
Antimony	121-1	497.49	509.90	496.86	501.42	1.47	ppb
Arsenic	75-2	517.97	516.31	515.37	516.55	0.25	ppb
Barium	135-1	2470.11	2504.46	2459.21	2477.92	0.95	ppb
Barium	137-1	2475.56	2502.06	2414.39	2464.00	1.82	ppb
Beryllium	9-1	501.71	501.95	507.74	503.80	0.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	1617.33	1782.90	1900.10	1766.78	8.04	ppb
Boron	10-1	1582.50	1735.39	1818.47	1712.12	6.99	ppb
Bromine	81-1						cps
Cadmium	106-1	489.34	512.63	491.83	497.93	2.57	ppb
Cadmium	108-1	502.16	500.17	491.83	498.05	1.10	ppb
Cadmium	111-1	500.39	502.54	492.85	498.59	1.02	ppb
Calcium	43-1	199156.67	207213.81	206402.74	204257.74	2.17	ppb
Calcium	44-1	198529.14	199418.62	200810.42	199586.06	0.58	ppb
Chromium	52-2	534.61	523.34	527.75	528.57	1.07	ppb
Cobalt	59-2	507.48	492.21	495.98	498.56	1.60	ppb
Copper	63-2	917.54	888.85	898.75	901.71	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	24407.35	24044.28	23905.02	24118.88	1.08	ppb
Iron	56-2	24477.35	23713.73	24040.31	24077.13	1.59	ppb
Iron	57-2	23979.09	23498.26	23397.48	23624.94	1.32	ppb
Krypton	83-1						cps
Lead	207-1	503.41	518.64	524.45	515.50	2.11	ppb
Lead	208-1	510.68	516.98	527.76	518.47	1.67	ppb
Lead	206-1	505.55	520.60	526.01	517.38	2.05	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09A	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:21:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	61874.05	60978.87	61218.18	61357.03	0.76	ppb
Manganese	55-2	991.98	966.52	973.06	977.19	1.35	ppb
Molybdenum	94-1	2521.27	2528.82	2445.26	2498.45	1.85	ppb
Molybdenum	95-1	2451.71	2514.20	2477.41	2481.11	1.27	ppb
Molybdenum	96-1	2464.97	2539.61	2458.41	2487.66	1.81	ppb
Molybdenum	97-1	2477.43	2537.59	2494.56	2503.19	1.24	ppb
Molybdenum	98-1	2492.32	2519.99	2436.85	2483.06	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.19	546.41	539.92	546.50	1.21	ppb
Phosphorus	31-2	-17.29	-10.65	7.94	-6.67		ppb
Potassium	39-2	25722.66	25256.81	25506.23	25495.24	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	527.26	528.29	561.88	539.14	3.65	ppb
Selenium	78-2	492.81	488.74	485.58	489.04	0.74	ppb
Selenium	82-1	502.69	502.17	489.62	498.16	1.48	ppb
Silicon	28-1	13143.15	13382.10	13022.56	13182.61	1.39	ppb
Silver	109-1	111.59	23.42	24.74	53.25	94.88	ppb
Silver	107-1	23.63	23.94	303.96	117.18	138.05	ppb
Sodium	23-2	299472.20	289675.65	298581.82	295909.89	1.83	ppb
Strontium	86-1	1287.37	1306.31	1284.15	1292.61	0.93	ppb
Strontium	88-1	1298.52	1315.19	1288.23	1300.64	1.05	ppb
Sulfur	34-1	60620.98	62472.38	61728.87	61607.41	1.51	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	494.08	501.61	512.46	502.72	1.84	ppb
Thallium	205-1	495.74	498.05	510.87	501.56	1.63	ppb
Tin	118-1	463.28	478.86	497.14	479.76	3.53	ppb
Titanium	47-1	2331.28	2396.43	2379.63	2369.11	1.43	ppb
Uranium	238-1	514.16	519.35	533.74	522.42	1.94	ppb
Vanadium	51-2	517.11	501.72	509.65	509.49	1.51	ppb
Yttrium	89-1				107		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09A	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:21:59	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	939.34	923.43	938.11	933.62	0.95	ppb
Zirconium	90-1	499.42	504.44	501.64	501.84	0.50	ppb
Zirconium	91-1	495.69	495.83	491.37	494.30	0.51	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L3005-04DLX5 Instrumnet Name : P8
 Client Sample ID : LF017MW001-200611DL Dilution Factor : 5
 Date & Time Acquired :: 2020-06-17 14:24:47 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	371.12	372.77	379.91	374.60	1.25	ppb
Antimony	121-1	0.08	0.13	0.11	0.11	22.30	ppb
Arsenic	75-2	0.90	0.98	0.92	0.93	4.15	ppb
Barium	135-1	52.53	53.30	52.73	52.85	0.75	ppb
Barium	137-1	51.73	51.42	51.13	51.42	0.58	ppb
Beryllium	9-1	0.21	0.20	0.16	0.19	13.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	520.07	526.26	529.47	525.27	0.91	ppb
Boron	10-1	508.42	515.41	512.65	512.16	0.69	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.00	-1.47	-2.25	-1.91		ppb
Cadmium	108-1	0.40	-0.11	0.50	0.26	122.53	ppb
Cadmium	111-1	-0.04	-0.03	-0.10	-0.06		ppb
Calcium	43-1	55563.29	54052.66	54433.95	54683.30	1.44	ppb
Calcium	44-1	53223.07	52868.67	53377.99	53156.58	0.49	ppb
Chromium	52-2	137.65	138.97	139.60	138.74	0.72	ppb
Cobalt	59-2	15.13	15.91	16.00	15.68	3.05	ppb
Copper	63-2	5.75	6.09	6.05	5.96	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	5350.53	5357.84	5393.12	5367.17	0.42	ppb
Iron	56-2	5284.70	5400.00	5418.14	5367.61	1.35	ppb
Iron	57-2	5194.05	5232.84	5253.76	5226.88	0.58	ppb
Krypton	83-1						cps
Lead	207-1	1.43	1.41	1.34	1.39	3.07	ppb
Lead	208-1	1.50	1.47	1.44	1.47	2.00	ppb
Lead	206-1	1.65	1.50	1.52	1.55	5.26	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:24:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	9322.42	9407.95	9352.03	9360.80	0.46	ppb
Manganese	55-2	489.73	502.47	507.46	499.89	1.83	ppb
Molybdenum	94-1	3.52	3.74	3.45	3.57	4.25	ppb
Molybdenum	95-1	4.35	4.12	4.23	4.23	2.75	ppb
Molybdenum	96-1	4.33	4.13	4.18	4.21	2.40	ppb
Molybdenum	97-1	4.50	4.03	4.23	4.25	5.54	ppb
Molybdenum	98-1	4.68	4.42	4.23	4.44	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	689.23	686.17	688.32	687.91	0.23	ppb
Phosphorus	31-2	-25.62	1.76	-25.07	-16.31		ppb
Potassium	39-2	1012.00	1031.84	1027.19	1023.68	1.01	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	2.67	0.00	2.69	1.79	86.60	ppb
Selenium	78-2	-0.09	-2.14	-0.03	-0.75		ppb
Selenium	82-1	0.51	1.97	1.36	1.28	57.35	ppb
Silicon	28-1	2365.92	2355.04	2484.17	2401.71	2.98	ppb
Silver	109-1	0.15	0.15	0.18	0.16	10.27	ppb
Silver	107-1	0.15	0.12	0.16	0.15	14.77	ppb
Sodium	23-2	87163.29	87637.04	87827.08	87542.47	0.39	ppb
Strontium	86-1	503.89	488.27	481.16	491.10	2.37	ppb
Strontium	88-1	501.05	488.76	491.10	493.64	1.32	ppb
Sulfur	34-1	6928.84	3053.91	4593.18	4858.64	40.16	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	-0.01	0.04	101.82	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	19.73	ppb
Tin	118-1	0.09	0.16	0.10	0.12	31.40	ppb
Titanium	47-1	2.86	2.76	2.92	2.85	2.87	ppb
Uranium	238-1	0.48	0.45	0.45	0.46	3.95	ppb
Vanadium	51-2	1.59	1.44	1.68	1.57	7.76	ppb
Yttrium	89-1				104		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:24:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	45.80	42.98	44.03	44.27	3.22	ppb
Zirconium	90-1	0.38	0.38	0.35	0.37	4.64	ppb
Zirconium	91-1	0.43	0.26	0.36	0.35	25.54	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:27:38	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50084.27	51223.79	50684.95	50664.34	1.13	ppb
Antimony	121-1	498.54	500.51	502.12	500.39	0.36	ppb
Arsenic	75-2	511.09	504.79	503.72	506.53	0.79	ppb
Barium	135-1	2549.87	2532.02	2527.61	2536.50	0.46	ppb
Barium	137-1	2594.67	2558.31	2550.62	2567.87	0.92	ppb
Beryllium	9-1	505.95	513.44	510.43	509.94	0.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	618.62	664.24	693.60	658.82	5.73	ppb
Boron	10-1	617.63	660.36	695.93	657.97	5.96	ppb
Bromine	81-1						cps
Cadmium	106-1	500.84	475.11	507.16	494.37	3.43	ppb
Cadmium	108-1	503.51	499.22	489.27	497.33	1.47	ppb
Cadmium	111-1	502.70	500.78	498.96	500.82	0.37	ppb
Calcium	43-1	237945.92	235451.14	235918.18	236438.41	0.56	ppb
Calcium	44-1	233373.63	231083.27	234165.06	232873.98	0.69	ppb
Chromium	52-2	498.41	514.85	511.43	508.23	1.71	ppb
Cobalt	59-2	493.65	506.08	500.23	499.99	1.24	ppb
Copper	63-2	5022.24	5020.12	5034.37	5025.58	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				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	121977.64	124093.81	123074.84	123048.76	0.86	ppb
Iron	56-2	119351.68	121520.86	122368.59	121080.38	1.29	ppb
Iron	57-2	120384.24	123362.39	121837.16	121861.26	1.22	ppb
Krypton	83-1						cps
Lead	207-1	2616.73	2547.04	2530.40	2564.72	1.79	ppb
Lead	208-1	2600.59	2542.30	2530.53	2557.80	1.47	ppb
Lead	206-1	2617.41	2557.02	2559.13	2577.85	1.33	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:27:38	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	235502.81	240735.77	242326.02	239521.53	1.49	ppb
Manganese	55-2	5064.08	5100.13	5161.05	5108.42	0.96	ppb
Molybdenum	94-1	2538.09	2528.24	2569.17	2545.17	0.84	ppb
Molybdenum	95-1	2512.31	2537.93	2588.01	2546.08	1.51	ppb
Molybdenum	96-1	2545.23	2517.84	2564.03	2542.37	0.91	ppb
Molybdenum	97-1	2520.78	2586.64	2537.56	2548.32	1.34	ppb
Molybdenum	98-1	2505.68	2550.39	2548.31	2534.79	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.25	506.41	500.06	499.91	1.32	ppb
Phosphorus	31-2	10171.65	10086.90	10268.67	10175.74	0.89	ppb
Potassium	39-2	123287.54	125940.48	127371.37	125533.13	1.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	482.20	602.37	467.93	517.50	14.27	ppb
Selenium	78-2	508.80	490.16	496.69	498.55	1.90	ppb
Selenium	82-1	502.54	508.58	505.54	505.55	0.60	ppb
Silicon	28-1	421.43	434.01	439.00	431.48	2.10	ppb
Silver	109-1	498.08	495.88	492.09	495.35	0.61	ppb
Silver	107-1	497.31	498.42	490.75	495.50	0.84	ppb
Sodium	23-2	240337.32	248217.47	245454.23	244669.67	1.63	ppb
Strontium	86-1	500.44	509.86	513.44	507.92	1.32	ppb
Strontium	88-1	513.54	511.31	522.43	515.76	1.14	ppb
Sulfur	34-1	6467.13	6516.58	5914.44	6299.38	5.31	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	515.68	498.76	511.31	508.59	1.73	ppb
Thallium	205-1	520.29	499.74	510.71	510.24	2.02	ppb
Tin	118-1	504.94	504.38	506.65	505.32	0.23	ppb
Titanium	47-1	2488.80	2496.58	2464.74	2483.37	0.67	ppb
Uranium	238-1	513.97	506.34	516.67	512.33	1.05	ppb
Vanadium	51-2	505.98	512.30	506.54	508.27	0.69	ppb
Yttrium	89-1				107		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:27:38	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4960.06	5097.06	5027.75	5028.29	1.36	ppb
Zirconium	90-1	504.44	508.20	514.78	509.14	1.03	ppb
Zirconium	91-1	498.43	503.77	506.68	502.96	0.83	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:45:17	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	2.82	2.97	2.38	37.45	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	18.47	ppb
Arsenic	75-2	0.04	-0.01	0.00	0.01	333.47	ppb
Barium	135-1	-0.03	-0.04	-0.06	-0.04		ppb
Barium	137-1	0.02	0.00	-0.01	0.00	691.00	ppb
Beryllium	9-1	0.06	0.02	0.05	0.04	39.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	39.70	38.30	39.56	39.19	1.97	ppb
Boron	10-1	38.69	36.45	38.44	37.86	3.24	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.46	-3.47	-0.04	-1.99		ppb
Cadmium	108-1	0.10	0.20	0.20	0.17	34.42	ppb
Cadmium	111-1	-0.22	-0.31	-0.06	-0.19		ppb
Calcium	43-1	11.03	-3.60	5.73	4.38	168.99	ppb
Calcium	44-1	-29.08	-28.16	-36.49	-31.24		ppb
Chromium	52-2	0.02	0.06	-0.04	0.01	374.58	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.32	0.29	0.27	0.29	7.85	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				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	-3.58	-2.08	-4.51	-3.39		ppb
Iron	56-2	0.17	0.20	-0.19	0.06	357.72	ppb
Iron	57-2	-1.51	0.73	2.26	0.49	387.00	ppb
Krypton	83-1						cps
Lead	207-1	0.26	0.31	0.26	0.28	11.33	ppb
Lead	208-1	0.32	0.30	0.36	0.32	9.39	ppb
Lead	206-1	0.37	0.22	0.42	0.34	30.54	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:45:17	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.23	1.32	-1.38	-0.10		ppb
Manganese	55-2	-0.02	-0.04	-0.09	-0.05		ppb
Molybdenum	94-1	-0.04	0.01	0.01	-0.01		ppb
Molybdenum	95-1	0.02	0.02	0.00	0.01	77.05	ppb
Molybdenum	96-1	0.03	0.03	0.01	0.02	64.55	ppb
Molybdenum	97-1	0.00	0.04	0.00	0.01	233.00	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	57.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	-0.06	-0.03		ppb
Phosphorus	31-2	33.92	-28.90	103.50	36.17	183.09	ppb
Potassium	39-2	-21.53	-34.59	-56.21	-37.44		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.80	-1.47	0.40	0.24	674.23	ppb
Selenium	82-1	-1.31	0.67	-0.32	-0.32		ppb
Silicon	28-1	-5.65	-13.20	-13.58	-10.81		ppb
Silver	109-1	0.64	0.73	0.78	0.72	10.07	ppb
Silver	107-1	0.65	0.72	0.70	0.69	4.96	ppb
Sodium	23-2	51.65	49.43	47.37	49.48	4.33	ppb
Strontium	86-1	-0.03	-0.11	-0.05	-0.07		ppb
Strontium	88-1	-0.01	0.00	-0.03	-0.01		ppb
Sulfur	34-1	-777.19	-1412.71	-3186.03	-1791.98		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	-0.03	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.06	-0.04	-0.02	-0.04		ppb
Titanium	47-1	0.09	0.09	0.17	0.12	40.77	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.04	-0.02	-0.02	-0.03		ppb
Yttrium	89-1				101		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:45:17	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.29	-0.29	0.00	0.00		ppb
Zirconium	90-1	-0.02	-0.01	0.02	0.00	7038.80	ppb
Zirconium	91-1	-0.02	0.02	0.02	0.01	255.75	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:48:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	7.35	1.85	4.22	67.09	ppb
Antimony	121-1	0.06	0.05	0.08	0.07	21.98	ppb
Arsenic	75-2	0.70	0.67	0.67	0.68	2.35	ppb
Barium	135-1	45.93	45.25	46.80	45.99	1.69	ppb
Barium	137-1	45.85	44.63	45.40	45.29	1.36	ppb
Beryllium	9-1	0.01	-0.01	0.02	0.01	207.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	259.50	303.86	332.79	298.72	12.36	ppb
Boron	10-1	248.72	296.18	316.59	287.16	12.13	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.27	-3.83	-4.97	-3.69		ppb
Cadmium	108-1	0.40	-0.01	0.10	0.16	128.58	ppb
Cadmium	111-1	-0.14	-0.25	-0.34	-0.25		ppb
Calcium	43-1	53340.22	53253.95	53412.78	53335.65	0.15	ppb
Calcium	44-1	52085.17	52405.84	52232.58	52241.20	0.31	ppb
Chromium	52-2	0.48	0.39	0.49	0.45	12.36	ppb
Cobalt	59-2	11.48	10.99	11.34	11.27	2.25	ppb
Copper	63-2	0.63	0.53	0.64	0.60	10.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	3078.36	2960.56	2980.65	3006.52	2.10	ppb
Iron	56-2	3171.37	3017.77	2977.45	3055.53	3.35	ppb
Iron	57-2	3066.54	2893.62	2896.98	2952.38	3.35	ppb
Krypton	83-1						cps
Lead	207-1	0.34	0.25	0.43	0.34	26.21	ppb
Lead	208-1	0.34	0.30	0.41	0.35	15.33	ppb
Lead	206-1	0.35	0.27	0.38	0.33	17.93	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L3005-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF017MW001-200611DL Dilution Factor : 5
 Date & Time Acquired :: 2020-06-17 14:48:06 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	9752.59	9506.68	9553.73	9604.33	1.36	ppb
Manganese	55-2	482.59	468.82	474.65	475.36	1.45	ppb
Molybdenum	94-1	1.85	1.79	1.77	1.80	2.15	ppb
Molybdenum	95-1	2.32	2.24	2.37	2.31	2.81	ppb
Molybdenum	96-1	2.26	2.54	2.46	2.42	6.05	ppb
Molybdenum	97-1	2.69	2.29	2.35	2.45	8.74	ppb
Molybdenum	98-1	2.30	2.43	2.34	2.35	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.71	473.48	475.60	480.60	2.19	ppb
Phosphorus	31-2	-31.44	63.05	-7.03	8.19	598.80	ppb
Potassium	39-2	1037.09	994.60	979.44	1003.71	2.98	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	2.80	0.00	2.74	1.85	86.61	ppb
Selenium	78-2	0.05	2.48	2.31	1.61	84.24	ppb
Selenium	82-1	0.40	1.75	-0.56	0.53	217.79	ppb
Silicon	28-1	1685.73	1658.10	1658.29	1667.37	0.95	ppb
Silver	109-1	0.08	0.04	0.05	0.06	40.62	ppb
Silver	107-1	0.04	0.05	0.08	0.06	36.87	ppb
Sodium	23-2	91600.85	87953.49	88801.82	89452.05	2.13	ppb
Strontium	86-1	502.66	506.61	503.73	504.34	0.40	ppb
Strontium	88-1	520.21	515.17	513.74	516.37	0.66	ppb
Sulfur	34-1	9345.14	8463.63	9357.27	9055.35	5.66	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	-0.03	0.00		ppb
Thallium	205-1	0.02	0.01	0.00	0.01	132.91	ppb
Tin	118-1	0.04	-0.02	0.04	0.02	191.18	ppb
Titanium	47-1	0.14	0.38	0.24	0.25	47.75	ppb
Uranium	238-1	0.45	0.45	0.44	0.44	1.48	ppb
Vanadium	51-2	0.09	0.15	0.18	0.14	34.10	ppb
Yttrium	89-1				103		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:48:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	3.51	3.60	3.21	3.44	5.91	ppb
Zirconium	90-1	0.10	0.09	0.11	0.10	8.51	ppb
Zirconium	91-1	0.05	0.07	0.07	0.06	20.35	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:53:21	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51094.11	51153.01	51537.82	51261.65	0.47	ppb
Antimony	121-1	495.68	508.48	507.83	504.00	1.43	ppb
Arsenic	75-2	505.88	504.61	506.16	505.55	0.16	ppb
Barium	135-1	2505.08	2556.44	2569.88	2543.80	1.34	ppb
Barium	137-1	2487.76	2527.40	2622.48	2545.88	2.72	ppb
Beryllium	9-1	511.10	516.24	525.37	517.57	1.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	476.56	532.63	585.51	531.57	10.25	ppb
Boron	10-1	476.77	539.79	579.99	532.19	9.78	ppb
Bromine	81-1						cps
Cadmium	106-1	486.83	501.95	507.34	498.71	2.13	ppb
Cadmium	108-1	497.25	505.24	517.90	506.80	2.05	ppb
Cadmium	111-1	492.13	506.17	506.26	501.52	1.62	ppb
Calcium	43-1	235269.47	234653.51	238848.21	236257.06	0.96	ppb
Calcium	44-1	232287.39	230944.65	239320.26	234184.10	1.92	ppb
Chromium	52-2	510.93	508.78	511.30	510.34	0.27	ppb
Cobalt	59-2	507.12	499.19	502.66	502.99	0.79	ppb
Copper	63-2	5095.01	5033.94	5113.30	5080.75	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	124701.07	122584.73	124806.58	124030.80	1.01	ppb
Iron	56-2	122623.04	121190.03	122369.36	122060.81	0.63	ppb
Iron	57-2	122858.30	121712.88	123513.16	122694.78	0.74	ppb
Krypton	83-1						cps
Lead	207-1	2540.06	2521.55	2573.26	2544.96	1.03	ppb
Lead	208-1	2518.72	2508.18	2578.98	2535.29	1.51	ppb
Lead	206-1	2550.26	2532.67	2602.91	2561.95	1.43	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:53:21	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	240177.98	242572.69	242043.77	241598.15	0.52	ppb
Manganese	55-2	5154.41	5095.58	5171.59	5140.53	0.78	ppb
Molybdenum	94-1	2486.53	2527.39	2588.94	2534.29	2.03	ppb
Molybdenum	95-1	2532.21	2532.70	2599.99	2554.97	1.53	ppb
Molybdenum	96-1	2523.25	2531.68	2594.63	2549.86	1.53	ppb
Molybdenum	97-1	2520.72	2548.53	2593.33	2554.19	1.43	ppb
Molybdenum	98-1	2495.02	2565.23	2547.70	2535.98	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.69	507.88	512.45	508.67	0.68	ppb
Phosphorus	31-2	9660.21	9743.16	9680.55	9694.64	0.45	ppb
Potassium	39-2	125116.48	125358.42	127714.88	126063.26	1.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	531.73	520.82	518.39	523.65	1.36	ppb
Selenium	78-2	530.22	506.35	515.87	517.48	2.32	ppb
Selenium	82-1	496.24	498.18	515.24	503.22	2.08	ppb
Silicon	28-1	379.22	383.75	408.37	390.45	4.02	ppb
Silver	109-1	490.55	503.57	505.12	499.75	1.60	ppb
Silver	107-1	486.91	501.86	502.10	496.96	1.75	ppb
Sodium	23-2	248276.93	248269.94	250978.75	249175.21	0.63	ppb
Strontium	86-1	491.12	512.54	519.94	507.87	2.95	ppb
Strontium	88-1	500.17	515.25	513.16	509.52	1.60	ppb
Sulfur	34-1	9829.08	7811.18	10226.05	9288.77	13.94	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	506.41	504.61	510.33	507.12	0.58	ppb
Thallium	205-1	503.70	502.23	509.24	505.06	0.73	ppb
Tin	118-1	494.60	496.54	514.23	501.79	2.16	ppb
Titanium	47-1	2475.85	2483.61	2518.30	2492.59	0.91	ppb
Uranium	238-1	513.80	510.47	520.37	514.88	0.98	ppb
Vanadium	51-2	510.84	511.32	513.86	512.01	0.32	ppb
Yttrium	89-1				106		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:53:21	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	5040.21	4979.22	5056.60	5025.34	0.81	ppb
Zirconium	90-1	496.68	506.48	519.32	507.49	2.24	ppb
Zirconium	91-1	485.71	501.24	513.63	500.19	2.80	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 15:07:56 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.62	4.20	0.07	2.97	84.91	ppb
Antimony	121-1	0.02	0.01	0.06	0.03	88.23	ppb
Arsenic	75-2	-0.03	-0.05	0.03	-0.02		ppb
Barium	135-1	-0.03	-0.03	-0.03	-0.03		ppb
Barium	137-1	0.00	0.02	0.04	0.02	106.77	ppb
Beryllium	9-1	-0.01	-0.02	0.02	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	25.19	25.34	24.65	25.06	1.46	ppb
Boron	10-1	24.56	25.60	26.53	25.56	3.87	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.95	-0.86	-1.59	-1.14		ppb
Cadmium	108-1	0.00	0.10	0.20	0.10	103.49	ppb
Cadmium	111-1	-0.08	-0.11	-0.16	-0.12		ppb
Calcium	43-1	7.35	9.95	8.81	8.70	14.98	ppb
Calcium	44-1	-44.74	-37.53	-34.97	-39.08		ppb
Chromium	52-2	-0.09	0.01	-0.01	-0.03		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.22	0.30	0.19	0.23	25.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	-3.22	0.18	-1.27	-1.44		ppb
Iron	56-2	0.19	-0.07	-0.10	0.01	2387.78	ppb
Iron	57-2	2.35	-1.63	2.31	1.01	225.92	ppb
Krypton	83-1						cps
Lead	207-1	0.32	0.32	0.31	0.31	2.62	ppb
Lead	208-1	0.35	0.34	0.33	0.34	3.52	ppb
Lead	206-1	0.40	0.35	0.33	0.36	9.32	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:07:56	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	0.78	1.66	-0.71	0.57	209.03	ppb
Manganese	55-2	-0.02	-0.04	0.08	0.01	1082.33	ppb
Molybdenum	94-1	0.08	0.03	-0.03	0.03	204.31	ppb
Molybdenum	95-1	0.02	0.03	0.00	0.01	128.59	ppb
Molybdenum	96-1	0.10	0.03	0.03	0.05	73.56	ppb
Molybdenum	97-1	0.05	0.01	0.00	0.02	158.37	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	38.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.17	0.28	0.19	47.28	ppb
Phosphorus	31-2	-21.05	39.96	-3.43	5.16	608.57	ppb
Potassium	39-2	-46.79	-44.67	-37.87	-43.11		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.61	-1.10	-0.01	-0.91		ppb
Selenium	82-1	-2.10	0.44	0.14	-0.51		ppb
Silicon	28-1	-17.42	-15.11	-13.82	-15.45		ppb
Silver	109-1	0.27	0.31	0.38	0.32	17.37	ppb
Silver	107-1	0.31	0.36	0.39	0.35	11.08	ppb
Sodium	23-2	41.66	30.07	41.96	37.90	17.89	ppb
Strontium	86-1	0.00	0.01	-0.09	-0.03		ppb
Strontium	88-1	-0.01	0.00	-0.02	-0.01		ppb
Sulfur	34-1	-3179.54	-1517.81	-1478.23	-2058.53		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	-0.03	0.01	-0.02		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.04	0.00	-0.02	-0.02		ppb
Titanium	47-1	0.03	-0.15	-0.08	-0.07		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.03	-0.02	-0.02		ppb
Yttrium	89-1				101		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:07:56	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.17	0.08	-0.12	0.04	357.35	ppb
Zirconium	90-1	0.01	0.02	-0.01	0.01	177.32	ppb
Zirconium	91-1	0.03	-0.01	0.00	0.01	225.91	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BL	Instrumnet Name :	P8
Client Sample ID :	PB129569BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:55:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	5.22	4.36	3.56	60.82	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.04	-0.05	-0.07	-0.05		ppb
Barium	135-1	-0.03	0.01	-0.03	-0.01		ppb
Barium	137-1	0.01	-0.03	0.02	0.00		ppb
Beryllium	9-1	-0.02	-0.05	-0.02	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	4.97	5.53	5.15	5.22	5.40	ppb
Boron	10-1	4.84	5.12	3.65	4.54	17.17	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.04	-4.99	-2.36	-3.80		ppb
Cadmium	108-1	0.00	0.00	-0.11	-0.04		ppb
Cadmium	111-1	-0.32	-0.40	-0.21	-0.31		ppb
Calcium	43-1	4.95	-8.61	-0.06	-1.24		ppb
Calcium	44-1	-37.17	-41.13	-41.40	-39.90		ppb
Chromium	52-2	-0.02	0.08	-0.05	0.00	1572.77	ppb
Cobalt	59-2	-0.04	-0.02	-0.01	-0.03		ppb
Copper	63-2	0.04	0.05	0.13	0.07	66.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-3.49	-1.37	1.53	-1.11		ppb
Iron	56-2	-0.07	0.54	0.26	0.24	125.87	ppb
Iron	57-2	-0.15	-0.21	-1.13	-0.50		ppb
Krypton	83-1						cps
Lead	207-1	0.15	0.09	0.10	0.11	28.56	ppb
Lead	208-1	0.12	0.10	0.09	0.11	13.59	ppb
Lead	206-1	0.06	0.07	0.11	0.08	31.54	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BL	Instrumnet Name :	P8
Client Sample ID :	PB129569BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:55:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	-1.42	-0.43	2.81	0.32	689.79	ppb
Manganese	55-2	0.00	-0.01	-0.04	-0.02		ppb
Molybdenum	94-1	-0.04	-0.04	0.03	-0.02		ppb
Molybdenum	95-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.02	0.04	0.03	56.41	ppb
Molybdenum	97-1	0.00	0.00	0.04	0.01	228.87	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	14324.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.06	0.02	0.03	94.49	ppb
Phosphorus	31-2	-1.41	-47.86	-21.43	-23.56		ppb
Potassium	39-2	-48.95	-28.95	-25.95	-34.62		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	2.87	0.96	173.21	ppb
Selenium	78-2	-2.00	1.47	-0.48	-0.34		ppb
Selenium	82-1	1.26	0.58	0.03	0.63	98.10	ppb
Silicon	28-1	-7.26	-9.55	-11.09	-9.30		ppb
Silver	109-1	0.04	0.02	0.02	0.03	37.83	ppb
Silver	107-1	0.05	0.06	0.05	0.05	11.04	ppb
Sodium	23-2	9.61	18.00	12.58	13.40	31.76	ppb
Strontium	86-1	0.23	0.16	-0.10	0.10	182.41	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	2112.80	926.10	529.53	1189.47	69.26	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.02	-0.03	-0.04	-0.03		ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.17	-0.08	0.06	0.05	244.96	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	0.00	-0.02	-0.01		ppb
Yttrium	89-1				99		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BL	Instrumnet Name :	P8
Client Sample ID :	PB129569BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:55:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.08	-0.35	-0.20	-0.21		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.03	-0.03	0.01	-0.01		ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BS	Instrumnet Name :	P8
Client Sample ID :	PB129569BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:58:34	DataFile Name :	038LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10074.23	10179.42	10240.12	10164.59	0.83	ppb
Antimony	121-1	497.11	487.50	494.86	493.15	1.02	ppb
Arsenic	75-2	508.85	492.53	504.55	501.98	1.69	ppb
Barium	135-1	2499.27	2474.56	2514.61	2496.15	0.81	ppb
Barium	137-1	2506.99	2456.96	2500.05	2488.00	1.09	ppb
Beryllium	9-1	495.74	497.79	499.17	497.57	0.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	11-1	354.82	411.88	455.60	407.44	12.40	ppb
Boron	10-1	355.33	409.30	454.72	406.45	12.24	ppb
Bromine	81-1						cps
Cadmium	106-1	485.20	485.73	487.99	486.31	0.31	ppb
Cadmium	108-1	498.32	497.06	490.30	495.23	0.87	ppb
Cadmium	111-1	491.64	485.92	499.90	492.49	1.43	ppb
Calcium	43-1	49036.96	47394.97	49952.38	48794.77	2.66	ppb
Calcium	44-1	47915.49	46607.04	47545.18	47355.90	1.42	ppb
Chromium	52-2	502.62	493.61	503.54	499.92	1.10	ppb
Cobalt	59-2	496.35	498.36	509.53	501.41	1.42	ppb
Copper	63-2	4997.62	5060.62	5077.49	5045.24	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				118		%
Indium	115-2				111		%
Iron	54-2	24533.06	24562.64	25123.84	24739.84	1.35	ppb
Iron	56-2	24823.03	24417.37	24857.32	24699.24	0.99	ppb
Iron	57-2	23909.04	23881.10	24143.85	23978.00	0.60	ppb
Krypton	83-1						cps
Lead	207-1	2497.92	2487.61	2574.01	2519.85	1.87	ppb
Lead	208-1	2488.28	2491.09	2550.16	2509.84	1.39	ppb
Lead	206-1	2475.81	2529.90	2561.79	2522.50	1.72	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BS	Instrumnet Name :	P8
Client Sample ID :	PB129569BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:58:34	DataFile Name :	038LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	49915.47	51058.68	51541.43	50838.52	1.64	ppb
Manganese	55-2	5078.56	4941.74	5014.28	5011.52	1.37	ppb
Molybdenum	94-1	2490.98	2491.14	2501.16	2494.43	0.23	ppb
Molybdenum	95-1	2575.35	2465.59	2509.61	2516.85	2.19	ppb
Molybdenum	96-1	2504.05	2478.76	2494.16	2492.32	0.51	ppb
Molybdenum	97-1	2498.52	2468.03	2491.67	2486.07	0.64	ppb
Molybdenum	98-1	2528.89	2504.35	2508.93	2514.06	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.40	499.88	511.70	507.32	1.28	ppb
Phosphorus	31-2	9915.29	10231.67	10091.39	10079.45	1.57	ppb
Potassium	39-2	25032.00	24980.78	25309.45	25107.41	0.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	504.34	457.35	598.06	519.91	13.78	ppb
Selenium	78-2	520.07	489.17	526.01	511.75	3.87	ppb
Selenium	82-1	500.32	489.85	494.75	494.97	1.06	ppb
Silicon	28-1	527.37	593.86	657.08	592.77	10.94	ppb
Silver	109-1	491.72	484.35	497.99	491.36	1.39	ppb
Silver	107-1	489.04	483.00	494.62	488.89	1.19	ppb
Sodium	23-2	51789.25	51579.96	52635.86	52001.69	1.08	ppb
Strontium	86-1	495.01	488.39	490.64	491.35	0.69	ppb
Strontium	88-1	506.14	499.16	493.90	499.73	1.23	ppb
Sulfur	34-1	11349.22	9837.96	11829.93	11005.71	9.44	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	484.84	492.42	501.99	493.08	1.74	ppb
Thallium	205-1	488.80	503.14	508.84	500.26	2.06	ppb
Tin	118-1	498.06	485.27	492.51	491.95	1.30	ppb
Titanium	47-1	2434.83	2418.49	2457.48	2436.94	0.80	ppb
Uranium	238-1	497.76	495.10	504.50	499.12	0.97	ppb
Vanadium	51-2	497.31	494.26	506.53	499.37	1.28	ppb
Yttrium	89-1				104		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BS	Instrumnet Name :	P8
Client Sample ID :	PB129569BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:58:34	DataFile Name :	038LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	4934.55	4942.51	5014.17	4963.74	0.88	ppb
Zirconium	90-1	508.40	498.72	496.04	501.05	1.30	ppb
Zirconium	91-1	499.44	489.22	490.16	492.94	1.15	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01	Instrumnet Name :	P8
Client Sample ID :	SG1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:02:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83635.14	84617.61	80205.95	82819.57	2.80	ppb
Antimony	121-1	0.04	0.07	0.07	0.06	25.04	ppb
Arsenic	75-2	39.09	38.68	39.13	38.97	0.63	ppb
Barium	135-1	613.72	614.62	612.04	613.46	0.21	ppb
Barium	137-1	608.82	607.79	599.40	605.33	0.85	ppb
Beryllium	9-1	6.72	6.42	6.55	6.56	2.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	11-1	72.80	72.44	77.02	74.09	3.44	ppb
Boron	10-1	73.18	73.62	74.31	73.71	0.77	ppb
Bromine	81-1						cps
Cadmium	106-1	18.48	19.23	17.05	18.25	6.07	ppb
Cadmium	108-1	7.95	8.41	8.32	8.22	2.95	ppb
Cadmium	111-1	2.93	2.78	2.71	2.81	3.84	ppb
Calcium	43-1	1887120.25	1872629.00	1932535.71	1897428.32	1.65	ppb
Calcium	44-1	1903189.21	1895678.23	1937471.36	1912112.93	1.17	ppb
Chromium	52-2	182.26	177.36	181.14	180.25	1.43	ppb
Cobalt	59-2	41.30	40.82	41.30	41.14	0.67	ppb
Copper	63-2	45.10	44.82	45.75	45.22	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	114523.51	112424.60	110777.50	112575.20	1.67	ppb
Iron	56-2	112421.25	110372.82	112685.13	111826.40	1.13	ppb
Iron	57-2	114049.65	110462.16	113870.09	112793.97	1.79	ppb
Krypton	83-1						cps
Lead	207-1	81.33	81.93	83.14	82.13	1.12	ppb
Lead	208-1	85.68	85.68	87.15	86.17	0.98	ppb
Lead	206-1	91.23	90.59	91.87	91.23	0.70	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01	Instrumnet Name :	P8
Client Sample ID :	SG1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:02:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	34734.51	34080.00	34635.50	34483.34	1.02	ppb
Manganese	55-2	2899.88	2869.26	2889.69	2886.28	0.54	ppb
Molybdenum	94-1	105.08	105.87	109.82	106.92	2.37	ppb
Molybdenum	95-1	0.89	0.79	0.78	0.82	7.38	ppb
Molybdenum	96-1	13.42	14.29	13.70	13.80	3.21	ppb
Molybdenum	97-1	0.95	0.77	0.80	0.84	11.78	ppb
Molybdenum	98-1	0.90	0.90	0.87	0.89	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.36	100.73	100.22	100.77	0.57	ppb
Phosphorus	31-2	19771.40	19654.74	19369.41	19598.51	1.06	ppb
Potassium	39-2	24972.06	24655.04	24780.63	24802.58	0.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	77-2	180.28	151.26	180.75	170.76	9.89	ppb
Selenium	78-2	18.82	18.63	17.99	18.48	2.35	ppb
Selenium	82-1	4.05	4.13	6.52	4.90	28.73	ppb
Silicon	28-1	220.18	216.12	222.17	219.49	1.41	ppb
Silver	109-1	0.21	0.24	0.21	0.22	7.91	ppb
Silver	107-1	0.34	0.26	0.27	0.29	14.02	ppb
Sodium	23-2	1630.19	1610.60	1631.28	1624.03	0.72	ppb
Strontium	86-1	1327.03	1337.02	1353.46	1339.17	1.00	ppb
Strontium	88-1	1349.09	1339.34	1335.82	1341.42	0.51	ppb
Sulfur	34-1	-5211.03	-6724.94	-4318.85	-5418.28		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	1.18	1.25	1.17	1.20	3.51	ppb
Thallium	205-1	1.07	1.23	1.21	1.17	7.71	ppb
Tin	118-1	0.50	0.52	0.52	0.51	2.86	ppb
Titanium	47-1	26.08	24.10	28.09	26.09	7.64	ppb
Uranium	238-1	16.92	16.39	16.78	16.70	1.65	ppb
Vanadium	51-2	182.19	177.86	179.02	179.69	1.25	ppb
Yttrium	89-1				157		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01	Instrumnet Name :	P8
Client Sample ID :	SG1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:02:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				153		%
Zinc	66-2	316.25	308.34	314.38	312.99	1.32	ppb
Zirconium	90-1	69.68	68.40	70.47	69.52	1.50	ppb
Zirconium	91-1	68.43	68.10	69.80	68.78	1.31	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LX5	Instrumnet Name :	P8
Client Sample ID :	SG1L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:05:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17108.63	17292.73	17044.14	17148.50	0.75	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	31.45	ppb
Arsenic	75-2	10.91	10.87	10.59	10.79	1.60	ppb
Barium	135-1	128.10	122.06	125.31	125.16	2.42	ppb
Barium	137-1	124.23	121.78	125.18	123.73	1.42	ppb
Beryllium	9-1	1.32	1.33	1.31	1.32	0.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	25.70	26.16	24.70	25.52	2.91	ppb
Boron	10-1	26.64	25.61	24.38	25.54	4.41	ppb
Bromine	81-1						cps
Cadmium	106-1	0.00	1.74	0.70	0.81	107.85	ppb
Cadmium	108-1	1.57	1.82	1.06	1.48	26.04	ppb
Cadmium	111-1	0.29	0.32	0.29	0.30	6.26	ppb
Calcium	43-1	407705.10	411109.34	406422.65	408412.36	0.59	ppb
Calcium	44-1	400870.22	407083.44	405316.43	404423.36	0.79	ppb
Chromium	52-2	39.20	39.39	38.15	38.92	1.72	ppb
Cobalt	59-2	9.19	9.21	8.93	9.11	1.69	ppb
Copper	63-2	10.28	10.51	10.15	10.31	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	23709.14	23998.24	23861.18	23856.19	0.61	ppb
Iron	56-2	23913.92	23930.76	23970.66	23938.45	0.12	ppb
Iron	57-2	23682.84	23560.32	23431.02	23558.06	0.53	ppb
Krypton	83-1						cps
Lead	207-1	16.69	16.19	16.99	16.63	2.44	ppb
Lead	208-1	17.33	17.58	17.84	17.58	1.47	ppb
Lead	206-1	18.77	19.01	19.02	18.93	0.76	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LX5	Instrumnet Name :	P8
Client Sample ID :	SG1L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:05:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	7231.13	7360.87	7285.45	7292.48	0.89	ppb
Manganese	55-2	622.99	617.75	613.66	618.13	0.76	ppb
Molybdenum	94-1	28.40	29.52	29.34	29.08	2.08	ppb
Molybdenum	95-1	0.29	0.22	0.23	0.25	13.42	ppb
Molybdenum	96-1	3.82	4.01	4.16	4.00	4.27	ppb
Molybdenum	97-1	0.17	0.21	0.31	0.23	32.47	ppb
Molybdenum	98-1	0.30	0.30	0.20	0.27	21.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.28	21.75	21.08	21.70	2.78	ppb
Phosphorus	31-2	4477.08	4603.67	3818.22	4299.66	9.81	ppb
Potassium	39-2	5288.60	5268.29	5281.74	5279.54	0.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	32.65	53.02	58.05	47.91	28.08	ppb
Selenium	78-2	3.39	4.34	7.23	4.99	40.03	ppb
Selenium	82-1	3.16	1.50	-0.17	1.50	111.02	ppb
Silicon	28-1	34.97	18.88	23.87	25.91	31.79	ppb
Silver	109-1	0.08	0.05	0.10	0.08	30.44	ppb
Silver	107-1	0.09	0.08	0.10	0.09	11.30	ppb
Sodium	23-2	339.35	343.56	349.02	343.98	1.41	ppb
Strontium	86-1	363.90	363.33	361.85	363.03	0.29	ppb
Strontium	88-1	373.02	365.39	367.35	368.59	1.08	ppb
Sulfur	34-1	340.82	-3303.73	-2799.88	-1920.93		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.16	0.23	0.20	16.02	ppb
Thallium	205-1	0.21	0.23	0.25	0.23	9.26	ppb
Tin	118-1	0.09	0.12	0.12	0.11	15.17	ppb
Titanium	47-1	5.40	4.97	6.48	5.62	13.90	ppb
Uranium	238-1	3.15	3.27	3.27	3.23	2.09	ppb
Vanadium	51-2	37.79	38.78	37.44	38.00	1.83	ppb
Yttrium	89-1				112		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LX5	Instrumnet Name :	P8
Client Sample ID :	SG1L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:05:56	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	69.64	66.39	67.84	67.96	2.40	ppb
Zirconium	90-1	18.89	18.20	18.48	18.53	1.86	ppb
Zirconium	91-1	19.10	19.17	18.38	18.88	2.30	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MS	Instrumnet Name :	P8
Client Sample ID :	SG1MS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:08:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128701.95	128974.06	129619.03	129098.35	0.36	ppb
Antimony	121-1	6.02	5.83	6.09	5.98	2.19	ppb
Arsenic	75-2	369.35	361.68	364.00	365.01	1.08	ppb
Barium	135-1	1899.00	1898.58	1874.19	1890.59	0.75	ppb
Barium	137-1	1909.27	1903.71	1877.28	1896.75	0.90	ppb
Beryllium	9-1	519.28	515.73	516.27	517.10	0.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	11-1	269.81	305.58	323.30	299.56	9.10	ppb
Boron	10-1	268.22	299.65	318.41	295.43	8.58	ppb
Bromine	81-1						cps
Cadmium	106-1	492.01	492.95	479.02	487.99	1.60	ppb
Cadmium	108-1	469.34	479.22	475.82	474.79	1.06	ppb
Cadmium	111-1	478.88	479.32	470.64	476.28	1.03	ppb
Calcium	43-1	2031296.57	2101629.84	2081046.90	2071324.44	1.75	ppb
Calcium	44-1	2018539.97	2091013.27	2098608.94	2069387.39	2.14	ppb
Chromium	52-2	716.97	730.91	727.98	725.28	1.01	ppb
Cobalt	59-2	505.25	511.38	509.83	508.82	0.63	ppb
Copper	63-2	443.38	452.75	448.12	448.08	1.05	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				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	151593.88	154740.56	152038.26	152790.90	1.11	ppb
Iron	56-2	151344.41	154518.43	152084.51	152649.12	1.09	ppb
Iron	57-2	154140.06	153038.94	151900.47	153026.49	0.73	ppb
Krypton	83-1						cps
Lead	207-1	615.64	631.16	623.31	623.37	1.25	ppb
Lead	208-1	629.62	646.20	635.68	637.16	1.32	ppb
Lead	206-1	618.18	648.05	631.67	632.63	2.36	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MS	Instrumnet Name :	P8
Client Sample ID :	SG1MS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:08:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	88455.14	87644.56	87984.29	88027.99	0.46	ppb
Manganese	55-2	3641.31	3702.11	3654.22	3665.88	0.87	ppb
Molybdenum	94-1	809.84	812.66	812.52	811.67	0.20	ppb
Molybdenum	95-1	456.16	454.60	453.08	454.61	0.34	ppb
Molybdenum	96-1	496.85	499.69	497.73	498.09	0.29	ppb
Molybdenum	97-1	436.98	429.64	439.46	435.36	1.17	ppb
Molybdenum	98-1	449.42	450.90	449.71	450.01	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	582.25	584.05	585.95	584.08	0.32	ppb
Phosphorus	31-2	22483.61	22901.42	21988.09	22457.71	2.04	ppb
Potassium	39-2	45945.00	45510.09	45169.14	45541.41	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	470.33	494.89	486.98	484.06	2.59	ppb
Selenium	78-2	314.73	322.66	313.17	316.85	1.61	ppb
Selenium	82-1	295.37	306.70	306.55	302.87	2.15	ppb
Silicon	28-1	308.31	379.52	342.89	343.58	10.37	ppb
Silver	109-1	428.38	430.88	426.14	428.46	0.55	ppb
Silver	107-1	429.44	427.32	419.07	425.28	1.29	ppb
Sodium	23-2	49174.55	49177.90	49661.84	49338.09	0.57	ppb
Strontium	86-1	1684.98	1719.24	1740.18	1714.80	1.63	ppb
Strontium	88-1	1716.82	1737.85	1726.12	1726.93	0.61	ppb
Sulfur	34-1	-4496.22	-2909.41	-3605.49	-3670.37		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	500.04	511.43	496.83	502.77	1.53	ppb
Thallium	205-1	502.47	507.86	502.93	504.42	0.59	ppb
Tin	118-1	44.41	44.35	43.72	44.16	0.87	ppb
Titanium	47-1	207.26	212.00	213.17	210.81	1.49	ppb
Uranium	238-1	548.24	565.63	559.50	557.79	1.58	ppb
Vanadium	51-2	688.44	694.80	687.84	690.36	0.56	ppb
Yttrium	89-1				158		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MS	Instrumnet Name :	P8
Client Sample ID :	SG1MS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:08:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				152		%
Zinc	66-2	823.77	821.93	827.20	824.30	0.32	ppb
Zirconium	90-1	327.63	330.14	327.99	328.59	0.41	ppb
Zirconium	91-1	323.47	321.23	326.00	323.57	0.74	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSD	Instrumnet Name :	P8
Client Sample ID :	SG1MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:11:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134122.85	132839.40	131052.57	132671.61	1.16	ppb
Antimony	121-1	13.84	14.99	14.55	14.46	4.01	ppb
Arsenic	75-2	352.66	351.80	349.45	351.30	0.47	ppb
Barium	135-1	2607.39	2716.49	2640.55	2654.81	2.11	ppb
Barium	137-1	2611.52	2756.30	2683.65	2683.83	2.70	ppb
Beryllium	9-1	493.82	498.95	497.69	496.82	0.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	478.94	542.30	571.19	530.81	8.89	ppb
Boron	10-1	478.99	545.84	580.46	535.09	9.64	ppb
Bromine	81-1						cps
Cadmium	106-1	455.64	477.59	465.16	466.13	2.36	ppb
Cadmium	108-1	443.75	466.66	460.41	456.94	2.59	ppb
Cadmium	111-1	446.03	473.02	460.28	459.78	2.94	ppb
Calcium	43-1	1962621.99	2021012.31	1992014.37	1991882.89	1.47	ppb
Calcium	44-1	1972734.51	2014051.40	1991977.80	1992921.24	1.04	ppb
Chromium	52-2	714.24	707.74	692.51	704.83	1.58	ppb
Cobalt	59-2	499.12	492.40	484.24	491.92	1.51	ppb
Copper	63-2	752.10	739.08	725.38	738.85	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	159035.08	158311.05	154925.44	157423.86	1.39	ppb
Iron	56-2	157608.92	156155.13	153371.72	155711.93	1.38	ppb
Iron	57-2	161492.45	155861.11	154271.47	157208.34	2.41	ppb
Krypton	83-1						cps
Lead	207-1	578.37	608.52	600.09	595.66	2.61	ppb
Lead	208-1	586.59	614.25	606.18	602.34	2.36	ppb
Lead	206-1	602.26	621.21	616.25	613.24	1.60	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSD	Instrumnet Name :	P8
Client Sample ID :	SG1MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:11:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	85876.96	85363.93	83762.68	85001.19	1.30	ppb
Manganese	55-2	3767.63	3717.29	3664.28	3716.40	1.39	ppb
Molybdenum	94-1	1155.36	1189.39	1165.26	1170.00	1.50	ppb
Molybdenum	95-1	943.47	970.33	950.64	954.81	1.46	ppb
Molybdenum	96-1	975.62	1010.70	981.60	989.31	1.90	ppb
Molybdenum	97-1	921.49	938.01	928.37	929.29	0.89	ppb
Molybdenum	98-1	956.57	969.12	961.21	962.30	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.44	560.69	549.33	561.49	2.24	ppb
Phosphorus	31-2	22803.54	22242.19	22882.48	22642.73	1.54	ppb
Potassium	39-2	54483.03	54110.96	53083.64	53892.54	1.34	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	455.76	433.06	444.92	444.58	2.55	ppb
Selenium	78-2	323.10	302.69	318.52	314.77	3.40	ppb
Selenium	82-1	282.17	291.56	296.95	290.23	2.58	ppb
Silicon	28-1	459.50	554.92	473.68	496.03	10.38	ppb
Silver	109-1	414.83	438.83	425.73	426.46	2.82	ppb
Silver	107-1	412.56	433.86	427.96	424.79	2.59	ppb
Sodium	23-2	46841.70	46940.91	46087.82	46623.48	1.00	ppb
Strontium	86-1	1642.87	1698.05	1714.00	1684.97	2.22	ppb
Strontium	88-1	1652.60	1662.90	1674.13	1663.21	0.65	ppb
Sulfur	34-1	-5258.20	-4101.01	-5777.19	-5045.47		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	486.25	500.07	495.36	493.89	1.42	ppb
Thallium	205-1	494.45	495.88	496.65	495.66	0.22	ppb
Tin	118-1	98.83	103.53	102.82	101.73	2.49	ppb
Titanium	47-1	713.30	729.07	722.10	721.49	1.10	ppb
Uranium	238-1	514.55	541.02	541.72	532.43	2.91	ppb
Vanadium	51-2	692.93	694.83	675.92	687.89	1.51	ppb
Yttrium	89-1				157		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSD	Instrumnet Name :	P8
Client Sample ID :	SG1MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:11:36	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				152		%
Zinc	66-2	1084.35	1062.93	1049.56	1065.61	1.65	ppb
Zirconium	90-1	331.15	333.32	330.61	331.69	0.43	ppb
Zirconium	91-1	322.77	332.94	328.98	328.23	1.56	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01A	Instrumnet Name :	P8
Client Sample ID :	SG1A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:14:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	126499.55	126168.41	127223.95	126630.64	0.43	ppb
Antimony	121-1	7.77	7.67	7.83	7.76	1.01	ppb
Arsenic	75-2	357.64	363.54	357.90	359.69	0.93	ppb
Barium	135-1	2055.79	2042.49	2108.07	2068.78	1.68	ppb
Barium	137-1	2052.54	2034.56	2071.12	2052.74	0.89	ppb
Beryllium	9-1	507.96	517.17	496.06	507.06	2.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	363.40	400.87	401.36	388.54	5.60	ppb
Boron	10-1	367.17	396.74	398.62	387.51	4.55	ppb
Bromine	81-1						cps
Cadmium	106-1	478.31	483.38	484.46	482.05	0.68	ppb
Cadmium	108-1	469.22	455.31	481.31	468.62	2.78	ppb
Cadmium	111-1	474.64	473.73	481.50	476.62	0.89	ppb
Calcium	43-1	2026014.58	2088096.13	2057495.43	2057202.05	1.51	ppb
Calcium	44-1	2018742.06	2067790.45	2064744.92	2050425.81	1.34	ppb
Chromium	52-2	716.61	709.06	708.79	711.49	0.62	ppb
Cobalt	59-2	508.84	503.61	500.31	504.25	0.85	ppb
Copper	63-2	508.06	496.93	499.74	501.58	1.15	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				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	153829.03	152672.14	152093.12	152864.77	0.58	ppb
Iron	56-2	152681.68	151917.28	151414.79	152004.58	0.42	ppb
Iron	57-2	154497.87	154314.49	150525.60	153112.65	1.46	ppb
Krypton	83-1						cps
Lead	207-1	618.67	612.81	606.36	612.61	1.01	ppb
Lead	208-1	631.73	637.23	632.65	633.87	0.46	ppb
Lead	206-1	627.24	624.71	623.74	625.23	0.29	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01A	Instrumnet Name :	P8
Client Sample ID :	SG1A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:14:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	86638.84	86833.96	86846.24	86773.01	0.13	ppb
Manganese	55-2	3644.45	3606.76	3615.32	3622.18	0.55	ppb
Molybdenum	94-1	877.81	873.85	882.04	877.90	0.47	ppb
Molybdenum	95-1	553.02	551.57	548.21	550.94	0.45	ppb
Molybdenum	96-1	590.30	587.15	597.99	591.81	0.94	ppb
Molybdenum	97-1	529.96	532.45	541.22	534.54	1.11	ppb
Molybdenum	98-1	561.23	545.04	563.66	556.64	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.93	570.78	567.80	572.50	1.01	ppb
Phosphorus	31-2	22919.50	22583.69	23058.12	22853.77	1.07	ppb
Potassium	39-2	46072.85	47062.90	46287.89	46474.55	1.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	450.56	474.19	423.97	449.58	5.59	ppb
Selenium	78-2	306.31	331.96	328.99	322.42	4.35	ppb
Selenium	82-1	299.17	296.85	298.80	298.27	0.42	ppb
Silicon	28-1	371.08	406.57	587.90	455.18	25.55	ppb
Silver	109-1	435.50	439.48	444.00	439.66	0.97	ppb
Silver	107-1	438.63	435.26	437.05	436.98	0.39	ppb
Sodium	23-2	46842.80	48404.11	48038.99	47761.97	1.71	ppb
Strontium	86-1	1687.87	1756.35	1730.45	1724.89	2.00	ppb
Strontium	88-1	1694.82	1720.55	1728.00	1714.46	1.02	ppb
Sulfur	34-1	-4951.27	-3468.21	-5135.93	-4518.47		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	506.84	499.73	498.59	501.72	0.89	ppb
Thallium	205-1	501.82	501.78	500.40	501.33	0.16	ppb
Tin	118-1	55.65	57.18	56.20	56.34	1.38	ppb
Titanium	47-1	310.35	313.68	313.40	312.48	0.59	ppb
Uranium	238-1	546.68	549.75	554.11	550.18	0.68	ppb
Vanadium	51-2	680.72	681.78	677.28	679.93	0.35	ppb
Yttrium	89-1				160		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01A	Instrumnet Name :	P8
Client Sample ID :	SG1A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:14:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				154		%
Zinc	66-2	831.45	829.41	825.20	828.69	0.38	ppb
Zirconium	90-1	329.06	331.59	328.77	329.80	0.47	ppb
Zirconium	91-1	327.41	323.12	324.22	324.92	0.69	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUP	Instrumnet Name :	P8
Client Sample ID :	SG1DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:17:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85005.77	85345.82	85596.64	85316.07	0.35	ppb
Antimony	121-1	0.04	0.03	0.06	0.04	34.42	ppb
Arsenic	75-2	39.68	39.38	39.83	39.63	0.58	ppb
Barium	135-1	626.57	633.30	619.06	626.31	1.14	ppb
Barium	137-1	615.52	618.61	618.35	617.49	0.28	ppb
Beryllium	9-1	6.77	6.94	6.54	6.75	2.92	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	11-1	90.51	90.81	87.78	89.70	1.86	ppb
Boron	10-1	92.26	86.92	86.00	88.39	3.82	ppb
Bromine	81-1						cps
Cadmium	106-1	19.96	18.18	18.61	18.92	4.92	ppb
Cadmium	108-1	8.73	8.24	6.85	7.94	12.29	ppb
Cadmium	111-1	3.01	2.98	3.03	3.01	0.81	ppb
Calcium	43-1	1892486.10	1954619.31	1952706.83	1933270.75	1.83	ppb
Calcium	44-1	1903677.14	1963647.20	1955929.96	1941084.77	1.68	ppb
Chromium	52-2	185.03	186.18	186.94	186.05	0.51	ppb
Cobalt	59-2	41.04	41.72	41.63	41.46	0.90	ppb
Copper	63-2	46.70	46.02	45.72	46.15	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	116471.65	114998.11	115192.29	115554.01	0.69	ppb
Iron	56-2	113879.28	113422.78	114879.97	114060.68	0.65	ppb
Iron	57-2	114504.06	112162.62	114977.70	113881.46	1.32	ppb
Krypton	83-1						cps
Lead	207-1	82.26	83.20	83.08	82.84	0.61	ppb
Lead	208-1	87.65	87.61	87.36	87.54	0.18	ppb
Lead	206-1	92.44	93.14	92.06	92.54	0.59	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUP	Instrumnet Name :	P8
Client Sample ID :	SG1DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:17:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	34636.50	35117.25	34990.51	34914.75	0.71	ppb
Manganese	55-2	2926.57	2910.42	2919.35	2918.78	0.28	ppb
Molybdenum	94-1	106.87	109.00	108.93	108.27	1.12	ppb
Molybdenum	95-1	0.98	0.82	0.92	0.91	8.56	ppb
Molybdenum	96-1	13.87	14.11	13.93	13.97	0.90	ppb
Molybdenum	97-1	0.80	0.97	0.89	0.89	10.07	ppb
Molybdenum	98-1	0.81	0.87	0.85	0.84	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.39	102.98	100.47	101.95	1.29	ppb
Phosphorus	31-2	19956.74	19328.11	19216.98	19500.61	2.05	ppb
Potassium	39-2	24982.63	25155.47	25309.64	25149.25	0.65	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	77-2	151.44	125.83	162.39	146.55	12.80	ppb
Selenium	78-2	18.03	17.95	21.20	19.06	9.74	ppb
Selenium	82-1	5.65	4.11	4.85	4.87	15.82	ppb
Silicon	28-1	194.67	224.73	236.06	218.49	9.79	ppb
Silver	109-1	0.22	0.24	0.25	0.23	5.76	ppb
Silver	107-1	0.28	0.32	0.33	0.31	8.48	ppb
Sodium	23-2	1616.97	1640.44	1663.12	1640.18	1.41	ppb
Strontium	86-1	1336.31	1366.73	1375.50	1359.52	1.51	ppb
Strontium	88-1	1345.96	1353.06	1358.90	1352.64	0.48	ppb
Sulfur	34-1	-8775.86	-6405.57	-6711.27	-7297.57		ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	1.50	1.37	1.28	1.38	7.96	ppb
Thallium	205-1	1.47	1.30	1.31	1.36	6.74	ppb
Tin	118-1	0.46	0.51	0.48	0.48	4.94	ppb
Titanium	47-1	25.61	26.70	24.61	25.64	4.08	ppb
Uranium	238-1	16.44	16.33	16.27	16.35	0.53	ppb
Vanadium	51-2	183.03	183.17	183.00	183.07	0.05	ppb
Yttrium	89-1				162		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUP	Instrumnet Name :	P8
Client Sample ID :	SG1DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:17:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				155		%
Zinc	66-2	300.24	300.92	302.88	301.35	0.45	ppb
Zirconium	90-1	69.54	71.04	71.20	70.59	1.30	ppb
Zirconium	91-1	68.93	70.33	70.74	70.00	1.36	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:20:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16940.85	16759.53	17033.50	16911.29	0.82	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	44.81	ppb
Arsenic	75-2	10.24	10.71	10.93	10.63	3.31	ppb
Barium	135-1	128.96	123.18	125.81	125.99	2.30	ppb
Barium	137-1	125.23	124.15	125.11	124.83	0.48	ppb
Beryllium	9-1	1.46	1.37	1.45	1.43	3.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	35.10	34.71	32.63	34.15	3.89	ppb
Boron	10-1	34.70	33.29	32.19	33.40	3.77	ppb
Bromine	81-1						cps
Cadmium	106-1	1.19	0.72	2.41	1.44	60.60	ppb
Cadmium	108-1	1.65	1.42	1.35	1.47	10.74	ppb
Cadmium	111-1	0.43	0.28	0.48	0.40	25.89	ppb
Calcium	43-1	411434.72	402205.53	405950.99	406530.41	1.14	ppb
Calcium	44-1	403292.53	400413.66	404460.69	402722.30	0.52	ppb
Chromium	52-2	39.45	38.78	38.36	38.86	1.42	ppb
Cobalt	59-2	9.08	8.54	8.78	8.80	3.07	ppb
Copper	63-2	9.71	10.23	10.22	10.05	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	23457.08	23716.70	23782.52	23652.10	0.73	ppb
Iron	56-2	23671.98	23600.61	23734.41	23669.00	0.28	ppb
Iron	57-2	23268.36	23195.65	23280.02	23248.01	0.20	ppb
Krypton	83-1						cps
Lead	207-1	16.68	17.17	16.84	16.90	1.46	ppb
Lead	208-1	17.66	17.69	17.96	17.77	0.94	ppb
Lead	206-1	18.71	18.66	19.39	18.92	2.16	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:20:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	7145.26	7115.58	7140.43	7133.76	0.22	ppb
Manganese	55-2	612.58	610.77	614.71	612.68	0.32	ppb
Molybdenum	94-1	28.22	29.01	29.25	28.83	1.87	ppb
Molybdenum	95-1	0.30	0.30	0.21	0.27	19.74	ppb
Molybdenum	96-1	3.79	3.97	3.76	3.84	2.92	ppb
Molybdenum	97-1	0.22	0.22	0.26	0.23	10.60	ppb
Molybdenum	98-1	0.28	0.19	0.23	0.23	19.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.75	22.24	21.85	21.94	1.18	ppb
Phosphorus	31-2	3975.72	4123.42	4234.08	4111.08	3.15	ppb
Potassium	39-2	5149.60	5171.43	5217.99	5179.67	0.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	34.59	54.44	32.32	40.45	30.08	ppb
Selenium	78-2	4.29	5.40	7.00	5.56	24.48	ppb
Selenium	82-1	3.06	2.00	1.85	2.30	28.60	ppb
Silicon	28-1	27.93	47.51	13.51	29.65	57.54	ppb
Silver	109-1	0.07	0.08	0.04	0.06	25.73	ppb
Silver	107-1	0.10	0.10	0.08	0.09	16.18	ppb
Sodium	23-2	348.34	347.05	352.27	349.22	0.78	ppb
Strontium	86-1	361.54	364.82	353.97	360.11	1.55	ppb
Strontium	88-1	366.69	368.16	366.65	367.17	0.23	ppb
Sulfur	34-1	-3316.87	-4877.93	-4928.93	-4374.58		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.23	0.16	0.25	0.21	22.48	ppb
Thallium	205-1	0.26	0.26	0.26	0.26	0.34	ppb
Tin	118-1	0.11	0.11	0.07	0.10	23.73	ppb
Titanium	47-1	5.43	5.54	5.71	5.56	2.55	ppb
Uranium	238-1	3.24	3.13	3.39	3.25	3.86	ppb
Vanadium	51-2	38.15	37.69	37.46	37.77	0.93	ppb
Yttrium	89-1				115		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:20:05	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	70.06	67.86	68.52	68.81	1.64	ppb
Zirconium	90-1	18.51	18.96	18.59	18.69	1.30	ppb
Zirconium	91-1	18.82	18.34	18.37	18.51	1.47	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:22:53	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16875.28	17152.87	16998.88	17009.01	0.82	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	50.59	ppb
Arsenic	75-2	10.78	10.56	10.49	10.61	1.42	ppb
Barium	135-1	126.45	127.12	130.33	127.97	1.62	ppb
Barium	137-1	127.66	123.94	126.15	125.92	1.49	ppb
Beryllium	9-1	1.33	1.37	1.38	1.36	1.81	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	11-1	24.21	23.80	25.48	24.49	3.58	ppb
Boron	10-1	24.95	24.01	26.50	25.15	5.00	ppb
Bromine	81-1						cps
Cadmium	106-1	3.07	-0.82	0.42	0.89	223.32	ppb
Cadmium	108-1	1.98	1.93	2.20	2.04	7.10	ppb
Cadmium	111-1	0.50	0.18	0.39	0.36	46.75	ppb
Calcium	43-1	410907.46	403711.80	416121.99	410247.08	1.52	ppb
Calcium	44-1	401548.65	405357.58	417732.19	408212.81	2.07	ppb
Chromium	52-2	38.37	39.29	38.58	38.74	1.24	ppb
Cobalt	59-2	8.59	8.87	8.60	8.69	1.85	ppb
Copper	63-2	10.33	10.51	9.92	10.25	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	23755.20	24498.89	23707.23	23987.11	1.85	ppb
Iron	56-2	23759.32	24639.03	23802.12	24066.82	2.06	ppb
Iron	57-2	23150.88	24092.48	23269.91	23504.42	2.18	ppb
Krypton	83-1						cps
Lead	207-1	16.87	16.55	16.76	16.73	0.98	ppb
Lead	208-1	17.47	17.45	17.48	17.47	0.07	ppb
Lead	206-1	18.75	18.83	18.36	18.65	1.32	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:22:53	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	7293.28	7475.77	7201.07	7323.37	1.91	ppb
Manganese	55-2	607.16	634.28	604.90	615.45	2.66	ppb
Molybdenum	94-1	29.89	28.26	28.90	29.02	2.82	ppb
Molybdenum	95-1	0.27	0.30	0.22	0.26	16.46	ppb
Molybdenum	96-1	3.58	3.56	3.41	3.52	2.55	ppb
Molybdenum	97-1	0.20	0.17	0.28	0.22	27.21	ppb
Molybdenum	98-1	0.24	0.25	0.21	0.23	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.09	22.57	22.01	21.89	3.40	ppb
Phosphorus	31-2	4408.95	3863.17	4223.55	4165.22	6.66	ppb
Potassium	39-2	5155.05	5339.33	5244.81	5246.40	1.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	47.25	58.86	53.59	53.23	10.92	ppb
Selenium	78-2	5.03	7.65	5.19	5.96	24.70	ppb
Selenium	82-1	0.78	0.83	0.07	0.56	75.68	ppb
Silicon	28-1	9.49	3.49	16.12	9.70	65.16	ppb
Silver	109-1	0.06	0.06	0.04	0.06	18.53	ppb
Silver	107-1	0.08	0.07	0.09	0.08	9.67	ppb
Sodium	23-2	330.75	364.65	325.48	340.29	6.25	ppb
Strontium	86-1	358.74	361.62	357.86	359.40	0.55	ppb
Strontium	88-1	371.20	370.51	372.31	371.34	0.25	ppb
Sulfur	34-1	-5581.36	-6525.40	-3889.92	-5332.23		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.27	0.21	0.19	0.22	19.71	ppb
Thallium	205-1	0.21	0.24	0.23	0.23	6.32	ppb
Tin	118-1	0.11	0.08	0.11	0.10	19.63	ppb
Titanium	47-1	5.91	4.79	5.86	5.52	11.48	ppb
Uranium	238-1	3.33	3.17	3.16	3.22	3.01	ppb
Vanadium	51-2	38.21	39.25	36.83	38.10	3.18	ppb
Yttrium	89-1				119		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:22:53	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	65.46	68.22	67.79	67.15	2.21	ppb
Zirconium	90-1	18.74	18.53	18.67	18.65	0.59	ppb
Zirconium	91-1	18.17	18.62	18.84	18.54	1.86	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:27:57	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51324.43	50394.81	50267.94	50662.39	1.14	ppb
Antimony	121-1	487.98	495.96	485.66	489.87	1.10	ppb
Arsenic	75-2	504.03	502.09	502.21	502.78	0.22	ppb
Barium	135-1	2504.80	2522.05	2466.52	2497.79	1.14	ppb
Barium	137-1	2505.75	2606.80	2492.01	2534.85	2.47	ppb
Beryllium	9-1	516.57	519.26	519.05	518.29	0.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	11-1	443.38	507.75	538.36	496.50	9.76	ppb
Boron	10-1	449.85	509.58	533.31	497.58	8.64	ppb
Bromine	81-1						cps
Cadmium	106-1	491.88	492.55	467.96	484.13	2.89	ppb
Cadmium	108-1	488.53	514.81	481.60	494.98	3.54	ppb
Cadmium	111-1	485.49	496.41	477.54	486.48	1.95	ppb
Calcium	43-1	241265.87	234321.97	232760.24	236116.03	1.92	ppb
Calcium	44-1	236373.25	233357.60	228359.05	232696.63	1.74	ppb
Chromium	52-2	512.00	502.46	502.54	505.67	1.08	ppb
Cobalt	59-2	503.36	494.58	495.58	497.84	0.97	ppb
Copper	63-2	5131.94	4992.08	4966.80	5030.27	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	124273.93	123408.42	119436.61	122372.98	2.11	ppb
Iron	56-2	123169.35	119867.85	119501.12	120846.11	1.67	ppb
Iron	57-2	126650.75	122734.17	118692.03	122692.31	3.24	ppb
Krypton	83-1						cps
Lead	207-1	2605.76	2579.46	2579.04	2588.09	0.59	ppb
Lead	208-1	2571.78	2594.36	2561.98	2576.04	0.64	ppb
Lead	206-1	2581.64	2593.19	2553.73	2576.19	0.79	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:27:57	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	245084.96	241904.21	240970.35	242653.17	0.89	ppb
Manganese	55-2	5243.28	5073.59	5064.02	5126.96	1.97	ppb
Molybdenum	94-1	2526.82	2544.37	2526.82	2532.67	0.40	ppb
Molybdenum	95-1	2497.15	2551.66	2560.59	2536.46	1.35	ppb
Molybdenum	96-1	2490.62	2532.92	2586.89	2536.81	1.90	ppb
Molybdenum	97-1	2528.12	2573.52	2589.33	2563.66	1.24	ppb
Molybdenum	98-1	2549.18	2548.75	2555.38	2551.10	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.44	491.13	495.59	497.05	1.36	ppb
Phosphorus	31-2	10692.95	9658.97	10163.63	10171.85	5.08	ppb
Potassium	39-2	127426.07	125596.70	124848.72	125957.16	1.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	490.04	468.63	527.72	495.46	6.04	ppb
Selenium	78-2	502.33	508.30	498.94	503.19	0.94	ppb
Selenium	82-1	487.32	494.58	497.25	493.05	1.04	ppb
Silicon	28-1	433.99	470.82	470.57	458.46	4.62	ppb
Silver	109-1	485.68	500.22	483.43	489.78	1.86	ppb
Silver	107-1	480.19	491.64	481.75	484.53	1.28	ppb
Sodium	23-2	251301.23	249574.90	246874.76	249250.29	0.90	ppb
Strontium	86-1	497.17	503.98	503.33	501.50	0.75	ppb
Strontium	88-1	501.09	521.47	502.24	508.27	2.25	ppb
Sulfur	34-1	10527.53	7539.00	5790.88	7952.47	30.12	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	506.16	505.23	507.89	506.43	0.27	ppb
Thallium	205-1	515.07	518.95	508.22	514.08	1.06	ppb
Tin	118-1	485.09	500.17	486.21	490.49	1.71	ppb
Titanium	47-1	2544.89	2480.15	2443.02	2489.35	2.07	ppb
Uranium	238-1	524.82	522.70	515.40	520.97	0.95	ppb
Vanadium	51-2	516.17	502.53	500.92	506.54	1.65	ppb
Yttrium	89-1				108		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:27:57	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4994.98	4902.47	4909.05	4935.50	1.05	ppb
Zirconium	90-1	505.65	511.59	511.94	509.72	0.69	ppb
Zirconium	91-1	489.65	498.17	494.52	494.11	0.87	ppb

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P8
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 16:40:50 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.80	0.76	1.46	0.14	1235.77	ppb
Antimony	121-1	0.01	0.02	0.04	0.02	73.21	ppb
Arsenic	75-2	0.04	-0.07	-0.02	-0.02		ppb
Barium	135-1	-0.06	-0.04	-0.03	-0.04		ppb
Barium	137-1	0.02	0.01	0.03	0.02	56.48	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	36.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	12.31	13.20	11.99	12.50	5.02	ppb
Boron	10-1	12.29	12.12	11.68	12.03	2.61	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.67	-1.19	-2.00	-1.96		ppb
Cadmium	108-1	0.10	-0.01	0.10	0.06	93.93	ppb
Cadmium	111-1	-0.24	-0.14	-0.19	-0.19		ppb
Calcium	43-1	-9.82	-5.50	2.76	-4.19		ppb
Calcium	44-1	-38.12	-41.70	-54.76	-44.86		ppb
Chromium	52-2	-0.08	0.12	0.00	0.01	877.59	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.27	0.20	0.23	0.23	15.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	-2.48	-3.37	-1.06	-2.31		ppb
Iron	56-2	0.28	0.54	0.72	0.52	43.02	ppb
Iron	57-2	-0.71	1.53	-0.27	0.18	645.89	ppb
Krypton	83-1						cps
Lead	207-1	0.33	0.42	0.36	0.37	12.35	ppb
Lead	208-1	0.35	0.42	0.39	0.38	8.69	ppb
Lead	206-1	0.38	0.45	0.38	0.40	10.56	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:40:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1.34	-0.01	2.61	1.31	99.68	ppb
Manganese	55-2	0.00	0.04	0.14	0.06	116.70	ppb
Molybdenum	94-1	0.08	0.04	0.05	0.06	37.05	ppb
Molybdenum	95-1	0.03	0.02	-0.01	0.01	135.23	ppb
Molybdenum	96-1	0.04	0.08	0.00	0.04	108.52	ppb
Molybdenum	97-1	0.04	0.00	0.02	0.02	124.36	ppb
Molybdenum	98-1	0.02	0.00	0.00	0.01	143.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	0.00	-0.01		ppb
Phosphorus	31-2	23.39	52.26	14.68	30.11	65.34	ppb
Potassium	39-2	-43.98	-1.33	-28.12	-24.48		ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	2.81	0.94	173.21	ppb
Selenium	78-2	0.55	-0.21	0.08	0.14	276.17	ppb
Selenium	82-1	-0.77	0.45	1.83	0.50	257.64	ppb
Silicon	28-1	-22.30	-28.70	-30.12	-27.04		ppb
Silver	109-1	0.03	0.01	0.01	0.02	53.82	ppb
Silver	107-1	0.01	0.03	0.03	0.02	50.23	ppb
Sodium	23-2	15.74	20.26	14.08	16.69	19.15	ppb
Strontium	86-1	-0.20	-0.03	-0.13	-0.12		ppb
Strontium	88-1	0.00	-0.02	-0.01	-0.01		ppb
Sulfur	34-1	-1291.93	-2835.28	-2759.38	-2295.53		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.06	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.09	0.02	-0.22	-0.03		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				103		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:40:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.15	-0.33	-0.57	-0.35		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	907.78	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	89.19	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	SG1LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-06-17 16:43:38	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3442.81	3454.57	3417.06	3438.15	0.56	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	36.74	ppb
Arsenic	75-2	2.53	2.41	2.20	2.38	7.00	ppb
Barium	135-1	25.22	26.16	24.34	25.24	3.61	ppb
Barium	137-1	24.79	25.51	24.09	24.80	2.86	ppb
Beryllium	9-1	0.29	0.30	0.25	0.28	8.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	11-1	11.92	12.26	11.54	11.90	3.04	ppb
Boron	10-1	13.47	12.85	11.25	12.52	9.15	ppb
Bromine	81-1						cps
Cadmium	106-1	1.20	-1.51	-4.54	-1.62		ppb
Cadmium	108-1	0.09	-0.11	0.28	0.09	217.13	ppb
Cadmium	111-1	0.16	-0.06	-0.29	-0.06		ppb
Calcium	43-1	82969.42	81893.21	81043.64	81968.76	1.18	ppb
Calcium	44-1	81944.36	80050.21	80422.45	80805.67	1.24	ppb
Chromium	52-2	8.16	7.60	8.15	7.97	4.01	ppb
Cobalt	59-2	1.85	1.68	1.81	1.78	5.28	ppb
Copper	63-2	2.14	2.36	2.40	2.30	6.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	4800.20	4924.79	4875.79	4866.92	1.29	ppb
Iron	56-2	4955.83	4938.53	5019.31	4971.22	0.86	ppb
Iron	57-2	4807.59	4888.14	4842.53	4846.09	0.83	ppb
Krypton	83-1						cps
Lead	207-1	3.49	3.73	3.34	3.52	5.50	ppb
Lead	208-1	3.65	3.80	3.62	3.69	2.54	ppb
Lead	206-1	3.93	3.82	3.81	3.86	1.79	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	SG1LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-06-17 16:43:38	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1464.58	1495.23	1455.56	1471.79	1.41	ppb
Manganese	55-2	124.54	127.25	125.67	125.82	1.08	ppb
Molybdenum	94-1	6.03	5.91	5.95	5.96	1.00	ppb
Molybdenum	95-1	0.09	0.01	0.04	0.05	85.45	ppb
Molybdenum	96-1	0.87	0.69	0.76	0.78	12.03	ppb
Molybdenum	97-1	0.07	0.05	0.06	0.06	17.47	ppb
Molybdenum	98-1	0.07	0.04	0.04	0.05	31.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.29	4.65	4.58	4.50	4.21	ppb
Phosphorus	31-2	669.70	767.59	936.02	791.10	17.03	ppb
Potassium	39-2	1039.76	1036.25	1085.92	1053.98	2.63	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	16.14	16.50	8.12	13.59	34.86	ppb
Selenium	78-2	3.75	-2.03	3.11	1.61	197.02	ppb
Selenium	82-1	-0.26	2.12	0.96	0.94	126.31	ppb
Silicon	28-1	-22.89	-28.43	-30.35	-27.22		ppb
Silver	109-1	0.04	0.01	0.01	0.02	73.12	ppb
Silver	107-1	0.03	0.04	0.03	0.03	14.73	ppb
Sodium	23-2	81.32	95.99	84.27	87.20	8.90	ppb
Strontium	86-1	75.89	77.51	77.97	77.12	1.41	ppb
Strontium	88-1	76.48	78.46	76.61	77.19	1.44	ppb
Sulfur	34-1	-2820.95	-4626.29	-4983.88	-4143.71		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	0.02	0.00	752.45	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	23.81	ppb
Tin	118-1	0.03	0.00	0.01	0.01	82.50	ppb
Titanium	47-1	0.82	0.75	0.55	0.71	20.10	ppb
Uranium	238-1	0.61	0.66	0.61	0.63	4.00	ppb
Vanadium	51-2	7.75	7.55	7.74	7.68	1.42	ppb
Yttrium	89-1				106		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	SG1LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-06-17 16:43:38	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	15.04	15.44	15.51	15.33	1.66	ppb
Zirconium	90-1	3.93	3.98	3.86	3.92	1.57	ppb
Zirconium	91-1	3.82	3.93	3.95	3.90	1.81	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:46:29	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26012.59	26540.27	26040.79	26197.89	1.13	ppb
Antimony	121-1	1.20	1.17	1.29	1.22	5.42	ppb
Arsenic	75-2	107.94	102.93	106.00	105.62	2.39	ppb
Barium	135-1	374.48	398.38	393.97	388.95	3.27	ppb
Barium	137-1	373.06	393.29	390.89	385.75	2.87	ppb
Beryllium	9-1	105.98	105.31	107.75	106.35	1.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	52.46	60.48	68.81	60.59	13.49	ppb
Boron	10-1	48.63	55.89	70.01	58.18	18.68	ppb
Bromine	81-1						cps
Cadmium	106-1	105.69	100.27	96.46	100.80	4.60	ppb
Cadmium	108-1	101.54	102.16	101.92	101.88	0.31	ppb
Cadmium	111-1	98.14	101.04	102.94	100.70	2.40	ppb
Calcium	43-1	447847.18	443376.20	451820.53	447681.30	0.94	ppb
Calcium	44-1	436497.05	437480.51	449119.91	441032.49	1.59	ppb
Chromium	52-2	155.69	156.99	157.79	156.82	0.68	ppb
Cobalt	59-2	112.41	111.93	113.22	112.52	0.58	ppb
Copper	63-2	99.25	99.90	99.73	99.63	0.34	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				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	33028.03	33329.26	33011.90	33123.06	0.54	ppb
Iron	56-2	32552.01	33296.78	33384.00	33077.60	1.38	ppb
Iron	57-2	32397.96	33050.60	32856.82	32768.46	1.02	ppb
Krypton	83-1						cps
Lead	207-1	122.09	124.82	126.80	124.57	1.90	ppb
Lead	208-1	123.29	124.65	127.48	125.14	1.71	ppb
Lead	206-1	125.03	127.51	128.95	127.16	1.56	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:46:29	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	18995.93	19396.70	18969.64	19120.76	1.25	ppb
Manganese	55-2	784.81	802.59	789.19	792.20	1.17	ppb
Molybdenum	94-1	219.68	222.97	225.10	222.59	1.23	ppb
Molybdenum	95-1	126.38	123.84	129.40	126.54	2.20	ppb
Molybdenum	96-1	136.44	134.17	138.90	136.50	1.73	ppb
Molybdenum	97-1	121.54	121.55	121.31	121.46	0.11	ppb
Molybdenum	98-1	123.62	124.60	127.78	125.33	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.45	129.19	128.67	129.10	0.31	ppb
Phosphorus	31-2	4867.81	4879.00	5281.23	5009.34	4.70	ppb
Potassium	39-2	9601.48	9787.89	9767.79	9719.05	1.05	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	154.62	132.90	148.43	145.32	7.70	ppb
Selenium	78-2	102.37	95.93	88.84	95.71	7.07	ppb
Selenium	82-1	84.98	83.27	85.52	84.59	1.39	ppb
Silicon	28-1	71.03	98.13	70.34	79.84	19.85	ppb
Silver	109-1	86.97	91.10	93.56	90.54	3.68	ppb
Silver	107-1	87.54	93.08	92.23	90.95	3.28	ppb
Sodium	23-2	10642.91	10868.57	10775.90	10762.46	1.05	ppb
Strontium	86-1	474.59	481.60	490.24	482.14	1.62	ppb
Strontium	88-1	491.03	486.64	497.47	491.71	1.11	ppb
Sulfur	34-1	-2580.78	-2978.23	-1660.55	-2406.52		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	97.77	97.91	100.22	98.63	1.40	ppb
Thallium	205-1	97.12	98.97	101.62	99.24	2.28	ppb
Tin	118-1	8.39	9.06	9.19	8.88	4.84	ppb
Titanium	47-1	44.62	43.35	44.13	44.03	1.46	ppb
Uranium	238-1	102.69	105.22	109.33	105.75	3.17	ppb
Vanadium	51-2	147.69	148.25	147.21	147.71	0.35	ppb
Yttrium	89-1				117		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:46:29	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	187.46	190.54	182.81	186.93	2.08	ppb
Zirconium	90-1	88.64	88.86	90.92	89.47	1.41	ppb
Zirconium	91-1	88.16	87.98	90.11	88.75	1.33	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:49:17	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27416.36	27649.10	27056.48	27373.98	1.09	ppb
Antimony	121-1	2.97	2.91	3.00	2.96	1.57	ppb
Arsenic	75-2	99.87	99.13	100.34	99.78	0.61	ppb
Barium	135-1	540.42	550.59	541.26	544.09	1.04	ppb
Barium	137-1	540.57	540.96	538.04	539.86	0.29	ppb
Beryllium	9-1	101.33	103.55	101.97	102.28	1.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	91.78	102.11	112.06	101.98	9.95	ppb
Boron	10-1	94.11	99.57	111.40	101.69	8.69	ppb
Bromine	81-1						cps
Cadmium	106-1	92.48	95.85	93.43	93.92	1.85	ppb
Cadmium	108-1	93.19	106.21	98.21	99.20	6.62	ppb
Cadmium	111-1	96.44	98.58	96.37	97.13	1.30	ppb
Calcium	43-1	425828.13	414608.24	419794.13	420076.83	1.34	ppb
Calcium	44-1	421840.85	413524.25	422131.02	419165.37	1.17	ppb
Chromium	52-2	151.13	152.83	149.58	151.18	1.07	ppb
Cobalt	59-2	106.02	107.81	104.94	106.25	1.36	ppb
Copper	63-2	164.38	165.22	163.07	164.22	0.66	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				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	33375.55	33799.50	33085.96	33420.34	1.07	ppb
Iron	56-2	33605.80	34129.92	33147.01	33627.58	1.46	ppb
Iron	57-2	32901.55	33569.89	32821.35	33097.60	1.24	ppb
Krypton	83-1						cps
Lead	207-1	117.63	118.28	118.46	118.12	0.37	ppb
Lead	208-1	117.49	119.19	120.49	119.06	1.27	ppb
Lead	206-1	119.09	118.02	122.13	119.75	1.78	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:49:17	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	18586.01	18477.66	18102.53	18388.73	1.38	ppb
Manganese	55-2	797.32	811.68	779.32	796.11	2.04	ppb
Molybdenum	94-1	323.16	321.03	317.32	320.51	0.92	ppb
Molybdenum	95-1	264.96	262.23	260.48	262.56	0.86	ppb
Molybdenum	96-1	273.20	268.87	267.92	270.00	1.04	ppb
Molybdenum	97-1	255.57	255.41	255.49	255.49	0.03	ppb
Molybdenum	98-1	262.77	259.10	265.36	262.41	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.49	124.39	122.48	123.45	0.77	ppb
Phosphorus	31-2	5254.01	5028.95	4816.13	5033.03	4.35	ppb
Potassium	39-2	11567.20	11622.06	11206.16	11465.14	1.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	134.56	110.33	125.88	123.59	9.93	ppb
Selenium	78-2	97.24	90.13	86.01	91.13	6.24	ppb
Selenium	82-1	84.01	84.28	81.02	83.10	2.18	ppb
Silicon	28-1	136.46	100.38	91.91	109.58	21.59	ppb
Silver	109-1	89.12	91.46	90.13	90.24	1.30	ppb
Silver	107-1	88.13	91.23	91.06	90.14	1.93	ppb
Sodium	23-2	10242.42	10348.67	10041.06	10210.72	1.53	ppb
Strontium	86-1	459.51	459.73	462.56	460.60	0.37	ppb
Strontium	88-1	471.76	463.32	462.08	465.72	1.13	ppb
Sulfur	34-1	-2881.13	-4427.19	-5461.60	-4256.64		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	94.66	96.42	98.26	96.44	1.86	ppb
Thallium	205-1	95.51	94.82	98.79	96.37	2.20	ppb
Tin	118-1	20.24	21.10	21.35	20.90	2.79	ppb
Titanium	47-1	151.74	156.74	149.30	152.59	2.49	ppb
Uranium	238-1	99.27	101.05	101.25	100.52	1.09	ppb
Vanadium	51-2	144.78	147.93	144.03	145.58	1.42	ppb
Yttrium	89-1				117		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:49:17	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	239.51	237.94	235.08	237.51	0.95	ppb
Zirconium	90-1	90.10	90.21	90.97	90.43	0.52	ppb
Zirconium	91-1	88.82	88.08	89.97	88.96	1.07	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	SG1ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:52:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26376.93	26859.02	26822.53	26686.16	1.01	ppb
Antimony	121-1	2.15	2.20	2.22	2.19	1.56	ppb
Arsenic	75-2	102.98	101.72	101.30	102.00	0.86	ppb
Barium	135-1	467.54	473.61	480.39	473.85	1.36	ppb
Barium	137-1	467.60	463.80	482.50	471.30	2.10	ppb
Beryllium	9-1	103.88	106.05	105.04	104.99	1.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	82.99	92.01	97.19	90.73	7.92	ppb
Boron	10-1	82.46	93.36	96.54	90.79	8.14	ppb
Bromine	81-1						cps
Cadmium	106-1	94.06	101.39	93.79	96.41	4.47	ppb
Cadmium	108-1	92.34	101.14	103.72	99.07	6.02	ppb
Cadmium	111-1	98.62	100.03	100.75	99.80	1.09	ppb
Calcium	43-1	438646.20	442364.10	429406.19	436805.50	1.53	ppb
Calcium	44-1	435229.66	437446.92	430974.68	434550.42	0.76	ppb
Chromium	52-2	151.91	155.59	155.90	154.47	1.44	ppb
Cobalt	59-2	106.69	110.60	110.12	109.14	1.95	ppb
Copper	63-2	131.22	134.20	133.52	132.98	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	32668.53	33996.23	33679.48	33448.08	2.07	ppb
Iron	56-2	33099.21	33772.19	33820.58	33563.99	1.20	ppb
Iron	57-2	32095.41	33017.08	33546.90	32886.46	2.23	ppb
Krypton	83-1						cps
Lead	207-1	119.85	123.71	117.72	120.43	2.52	ppb
Lead	208-1	121.65	125.19	121.19	122.68	1.78	ppb
Lead	206-1	122.45	125.47	122.09	123.34	1.50	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	SG1ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:52:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	18355.59	18846.35	18856.72	18686.22	1.53	ppb
Manganese	55-2	786.38	799.68	799.04	795.03	0.94	ppb
Molybdenum	94-1	276.82	275.58	272.41	274.94	0.83	ppb
Molybdenum	95-1	196.58	199.49	198.82	198.30	0.77	ppb
Molybdenum	96-1	206.16	209.97	206.47	207.53	1.02	ppb
Molybdenum	97-1	191.07	190.57	190.33	190.66	0.20	ppb
Molybdenum	98-1	195.88	198.03	194.57	196.16	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.57	129.35	128.56	127.16	2.46	ppb
Phosphorus	31-2	4591.25	4830.94	4328.54	4583.58	5.48	ppb
Potassium	39-2	10415.63	10680.45	10826.59	10640.89	1.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	136.50	158.57	119.82	138.30	14.05	ppb
Selenium	78-2	79.31	83.09	93.96	85.46	8.90	ppb
Selenium	82-1	86.20	87.00	85.47	86.22	0.89	ppb
Silicon	28-1	89.73	86.37	85.68	87.26	2.48	ppb
Silver	109-1	92.00	91.61	92.53	92.05	0.50	ppb
Silver	107-1	90.09	91.12	91.72	90.98	0.91	ppb
Sodium	23-2	10365.25	10567.44	10566.26	10499.65	1.11	ppb
Strontium	86-1	472.52	477.06	472.14	473.91	0.58	ppb
Strontium	88-1	482.17	485.65	485.15	484.33	0.39	ppb
Sulfur	34-1	-1829.03	-3605.62	-5209.96	-3548.20		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	96.81	100.82	98.10	98.58	2.08	ppb
Thallium	205-1	97.47	100.66	97.18	98.44	1.96	ppb
Tin	118-1	15.13	15.04	15.23	15.13	0.61	ppb
Titanium	47-1	101.45	100.45	94.02	98.64	4.09	ppb
Uranium	238-1	102.46	105.47	103.29	103.74	1.50	ppb
Vanadium	51-2	143.75	148.45	149.59	147.26	2.10	ppb
Yttrium	89-1				115		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	SG1ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:52:08	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	206.98	214.99	214.35	212.10	2.10	ppb
Zirconium	90-1	90.88	91.31	91.81	91.33	0.51	ppb
Zirconium	91-1	92.57	91.48	90.05	91.37	1.38	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:54:56	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50404.04	50482.54	49515.49	50134.02	1.07	ppb
Antimony	121-1	497.87	481.73	491.59	490.40	1.66	ppb
Arsenic	75-2	508.33	504.60	501.51	504.81	0.68	ppb
Barium	135-1	2517.33	2464.57	2507.09	2496.33	1.12	ppb
Barium	137-1	2523.98	2497.78	2531.93	2517.90	0.71	ppb
Beryllium	9-1	516.49	512.36	507.11	511.99	0.92	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	451.98	504.27	540.45	498.90	8.92	ppb
Boron	10-1	451.59	502.82	535.81	496.74	8.54	ppb
Bromine	81-1						cps
Cadmium	106-1	481.69	483.27	484.86	483.27	0.33	ppb
Cadmium	108-1	497.64	472.35	481.65	483.88	2.64	ppb
Cadmium	111-1	487.64	481.95	492.58	487.39	1.09	ppb
Calcium	43-1	237365.97	231364.51	228764.80	232498.43	1.90	ppb
Calcium	44-1	231176.88	228447.42	229538.42	229720.91	0.60	ppb
Chromium	52-2	507.22	499.09	495.10	500.47	1.23	ppb
Cobalt	59-2	500.79	498.62	493.13	497.51	0.79	ppb
Copper	63-2	5077.11	5004.67	4949.67	5010.48	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	122807.62	123295.94	120315.72	122139.76	1.31	ppb
Iron	56-2	121462.59	120066.50	118672.81	120067.30	1.16	ppb
Iron	57-2	121865.48	120779.79	119877.66	120840.98	0.82	ppb
Krypton	83-1						cps
Lead	207-1	2509.72	2549.21	2555.43	2538.12	0.98	ppb
Lead	208-1	2515.71	2520.52	2549.42	2528.55	0.72	ppb
Lead	206-1	2510.94	2552.58	2546.93	2536.82	0.89	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:54:56	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	239441.20	239165.42	235561.70	238056.11	0.91	ppb
Manganese	55-2	5077.92	5014.52	5000.36	5030.93	0.82	ppb
Molybdenum	94-1	2544.48	2545.57	2541.90	2543.99	0.07	ppb
Molybdenum	95-1	2557.22	2546.04	2531.34	2544.87	0.51	ppb
Molybdenum	96-1	2602.12	2568.35	2548.71	2573.06	1.05	ppb
Molybdenum	97-1	2574.44	2574.38	2500.80	2549.87	1.67	ppb
Molybdenum	98-1	2557.56	2514.46	2499.59	2523.87	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.10	500.35	482.34	494.93	2.21	ppb
Phosphorus	31-2	9937.34	9605.29	10214.79	9919.14	3.08	ppb
Potassium	39-2	124370.13	123750.63	121115.85	123078.87	1.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	524.48	523.97	530.69	526.38	0.71	ppb
Selenium	78-2	502.40	510.71	486.68	499.93	2.44	ppb
Selenium	82-1	496.50	496.39	488.03	493.64	0.98	ppb
Silicon	28-1	408.25	445.32	474.02	442.53	7.45	ppb
Silver	109-1	486.67	479.47	491.93	486.03	1.29	ppb
Silver	107-1	485.24	478.25	484.61	482.70	0.80	ppb
Sodium	23-2	245165.91	247294.84	243595.83	245352.20	0.76	ppb
Strontium	86-1	502.81	497.85	501.21	500.63	0.51	ppb
Strontium	88-1	510.98	500.52	511.39	507.63	1.21	ppb
Sulfur	34-1	8369.56	6478.68	6277.00	7041.75	16.39	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	496.49	502.08	496.94	498.50	0.62	ppb
Thallium	205-1	494.08	506.72	504.26	501.69	1.34	ppb
Tin	118-1	493.44	484.44	489.38	489.09	0.92	ppb
Titanium	47-1	2469.99	2451.72	2430.63	2450.78	0.80	ppb
Uranium	238-1	505.67	512.21	524.43	514.10	1.85	ppb
Vanadium	51-2	508.56	502.43	492.64	501.21	1.60	ppb
Yttrium	89-1				107		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:54:56	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	5026.19	4894.33	4851.89	4924.14	1.85	ppb
Zirconium	90-1	514.42	503.38	501.49	506.43	1.38	ppb
Zirconium	91-1	505.73	501.28	495.90	500.97	0.98	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 17:03:37	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.87	3.63	-0.37	2.38	100.20	ppb
Antimony	121-1	0.02	0.04	0.02	0.03	53.62	ppb
Arsenic	75-2	0.00	0.02	-0.03	0.00		ppb
Barium	135-1	0.02	0.01	-0.08	-0.02		ppb
Barium	137-1	0.03	-0.03	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.04	0.03	0.03	19.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	15.94	15.94	15.81	15.89	0.48	ppb
Boron	10-1	16.63	14.99	14.77	15.46	6.58	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.17	-3.20	-0.31	-2.56		ppb
Cadmium	108-1	-0.01	0.09	0.29	0.13	119.20	ppb
Cadmium	111-1	-0.33	-0.28	-0.08	-0.23		ppb
Calcium	43-1	11.40	-18.03	7.33	0.23	6808.96	ppb
Calcium	44-1	-34.19	-40.46	-46.41	-40.36		ppb
Chromium	52-2	-0.21	-0.11	0.08	-0.08		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.21	0.30	0.31	0.27	18.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	-1.81	-1.86	-3.06	-2.24		ppb
Iron	56-2	0.29	0.26	0.54	0.36	41.41	ppb
Iron	57-2	0.19	1.61	-1.44	0.12	1257.21	ppb
Krypton	83-1						cps
Lead	207-1	0.37	0.42	0.48	0.42	12.52	ppb
Lead	208-1	0.39	0.48	0.45	0.44	10.46	ppb
Lead	206-1	0.42	0.52	0.44	0.46	11.57	ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 17:03:37	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	3.70	3.23	3.89	3.60	9.41	ppb
Manganese	55-2	-0.02	0.00	0.07	0.01	305.13	ppb
Molybdenum	94-1	0.05	-0.02	0.04	0.02	156.87	ppb
Molybdenum	95-1	0.04	0.01	0.02	0.02	71.92	ppb
Molybdenum	96-1	0.07	0.02	0.02	0.04	71.74	ppb
Molybdenum	97-1	0.00	0.04	-0.02	0.01	409.61	ppb
Molybdenum	98-1	0.03	0.00	0.02	0.02	89.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.04	0.03	25.12	ppb
Phosphorus	31-2	-21.00	-19.63	-1.03	-13.89		ppb
Potassium	39-2	-52.68	2.79	-14.69	-21.53		ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	2.83	0.94	173.21	ppb
Selenium	78-2	1.54	-3.37	-0.59	-0.80		ppb
Selenium	82-1	-0.93	0.59	1.89	0.52	273.79	ppb
Silicon	28-1	-27.46	-34.35	-27.38	-29.73		ppb
Silver	109-1	0.03	0.01	0.01	0.01	77.99	ppb
Silver	107-1	0.02	0.02	0.03	0.03	21.87	ppb
Sodium	23-2	19.79	50.47	41.36	37.21	42.35	ppb
Strontium	86-1	0.33	-0.05	0.01	0.10	209.04	ppb
Strontium	88-1	-0.01	-0.02	-0.03	-0.02		ppb
Sulfur	34-1	-979.77	-2682.27	-1539.04	-1733.69		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	84.50	ppb
Tin	118-1	-0.05	-0.01	-0.06	-0.04		ppb
Titanium	47-1	0.12	0.06	-0.18	0.00	344218.63	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.03	-0.04	-0.01	-0.02		ppb
Yttrium	89-1				102		%

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 17:03:37	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	-0.14	-0.29	0.33	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	204.28	ppb
Zirconium	91-1	0.00	0.02	-0.04	0.00		ppb

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:21:12	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	330	356	348	4.49	cps
Antimony	121-1	33	17	17	22	43.28	cps
Arsenic	75-2	7	8	7	7	7.87	cps
Barium	135-1	25	50	58	44	39.04	cps
Barium	137-1	33	50	17	33	50.00	cps
Beryllium	9-1	52	34	54	47	23.61	cps
Bismuth	209-1	1892525	1847387	1892158	1877357	1.38	cps
Bismuth	209-2	1151032	1119900	1140435	1137122	1.39	cps
Boron	11-1	1162	1194	1124	1160	3.02	cps
Boron	10-1	266	278	244	263	6.57	cps
Bromine	81-1	2353	2543	2293	2396	5.45	cps
Cadmium	106-1	975	858	867	900	7.23	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Cadmium	111-1	713	620	636	656	7.57	cps
Calcium	43-1	233	417	392	347	28.63	cps
Calcium	44-1	30833	31819	30733	31129	1.93	cps
Chromium	52-2	900	790	747	812	9.73	cps
Cobalt	59-2	87	73	37	66	39.49	cps
Copper	63-2	320	291	251	287	12.06	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	3030639	3029760	3045152	3035184	0.28	cps
Holmium	165-2	1582271	1517617	1573931	1557940	2.26	cps
Indium	115-1	2951680	2950556	2893062	2931766	1.14	cps
Indium	115-2	489295	472368	481782	481148	1.76	cps
Iron	54-2	311	456	444	404	19.91	cps
Iron	56-2	2695	2728	2789	2737	1.75	cps
Iron	57-2	122	139	56	106	41.77	cps
Krypton	83-1	437	497	447	460	6.99	cps
Lead	207-1	150	211	144	169	21.95	cps
Lead	208-1	925	872	767	855	9.43	cps
Lead	206-1	217	189	172	193	11.66	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:21:12	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	843242	831382	840028	838217	0.73	cps
Magnesium	24-2	383	425	350	386	9.73	cps
Manganese	55-2	117	73	83	91	24.91	cps
Molybdenum	94-1	75	75	125	92	31.50	cps
Molybdenum	95-1	25	17	50	31	56.77	cps
Molybdenum	96-1	67	133	100	100	33.33	cps
Molybdenum	97-1	17	17	0	11	86.60	cps
Molybdenum	98-1	17	33	17	22	43.28	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	60	60	103	74	33.60	cps
Phosphorus	31-2	142	133	117	131	9.75	cps
Potassium	39-2	19263	18804	18354	18807	2.42	cps
Rhodium	103-1	2953180	2908980	2906804	2922988	0.90	cps
Rhodium	103-2	1463358	1436698	1466745	1455600	1.13	cps
Scandium	45-1	2148313	2081222	2110706	2113414	1.59	cps
Scandium	45-2	68754	66982	67608	67781	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	33	34	34	4.45	cps
Selenium	82-1	28	-77	-1	-17	-321.49	cps
Silicon	28-1	451029	445080	445635	447248	0.73	cps
Silver	109-1	42	17	25	28	45.82	cps
Silver	107-1	0	42	42	28	86.60	cps
Sodium	23-2	21458	22092	21808	21786	1.46	cps
Strontium	86-1	725	575	625	642	11.90	cps
Strontium	88-1	333	267	250	283	15.56	cps
Sulfur	34-1	493445	493565	491763	492924	0.20	cps
Terbium	159-1	3307255	3212286	3233075	3250872	1.54	cps
Terbium	159-2	1589631	1539117	1567100	1565282	1.62	cps
Thallium	203-1	100	67	142	103	36.56	cps
Thallium	205-1	167	133	183	161	15.80	cps
Tin	118-1	167	208	217	197	13.58	cps
Titanium	47-1	375	500	450	442	14.24	cps
Uranium	238-1	58	50	33	47	26.97	cps
Vanadium	51-2	33	20	23	26	27.15	cps
Yttrium	89-1	3951391	3808356	3862146	3873964	1.86	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:21:12	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	444823	429631	435679	436711	1.75	cps
Zinc	66-2	190	156	140	162	15.68	cps
Zirconium	90-1	167	208	208	194	12.37	cps
Zirconium	91-1	17	92	33	47	83.40	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P8
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 12:24:22 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	Rejected	Rejected	Rejected			cps
Antimony	121-1	483	542	575	533	8.70	cps
Arsenic	75-2	Rejected	Rejected	Rejected			cps
Barium	135-1	375	425	483	428	12.67	cps
Barium	137-1	708	842	875	808	10.91	cps
Beryllium	9-1	90	94	74	86	12.30	cps
Bismuth	209-1	1909997	1857389	1895926	1887771	1.44	cps
Bismuth	209-2	1147722	1152842	1147471	1149345	0.26	cps
Boron	11-1	1448	1644	1664	1585	7.53	cps
Boron	10-1	318	302	312	311	2.60	cps
Bromine	81-1	2343	2142	2283	2256	4.56	cps
Cadmium	106-1	792	842	942	858	8.90	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Cadmium	111-1	Rejected	Rejected	Rejected			cps
Calcium	43-1	592	858	658	703	19.75	cps
Calcium	44-1	35453	35194	35712	35453	0.73	cps
Chromium	52-2	993	910	970	958	4.49	cps
Cobalt	59-2	197	160	110	156	27.97	cps
Copper	63-2	444	521	543	503	10.36	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	17	17	3	12	63.01	cps
Holmium	165-1	3045350	3004088	3032630	3027356	0.70	cps
Holmium	165-2	1554572	1585439	1590139	1576717	1.23	cps
Indium	115-1	3033568	2983593	2996925	3004695	0.86	cps
Indium	115-2	489642	490577	488594	489604	0.20	cps
Iron	54-2	533	456	600	530	13.65	cps
Iron	56-2	5051	5168	4934	5051	2.31	cps
Iron	57-2	267	156	172	198	30.24	cps
Krypton	83-1	460	397	453	437	7.97	cps
Lead	207-1	250	217	267	244	10.42	cps
Lead	208-1	Rejected	Rejected	Rejected			cps
Lead	206-1	267	272	283	274	3.10	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:24:22	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	847342	833367	851297	844002	1.12	cps
Magnesium	24-2	2409	2159	2417	2328	6.31	cps
Manganese	55-2	147	103	130	127	17.25	cps
Molybdenum	94-1	375	658	550	528	27.09	cps
Molybdenum	95-1	500	408	583	497	17.61	cps
Molybdenum	96-1	833	708	808	783	8.44	cps
Molybdenum	97-1	275	300	242	272	10.75	cps
Molybdenum	98-1	792	717	808	772	6.32	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	Rejected	Rejected	Rejected			cps
Phosphorus	31-2	125	108	75	103	24.77	cps
Potassium	39-2	19614	20031	19363	19669	1.71	cps
Rhodium	103-1	2934994	2940780	3019716	2965163	1.60	cps
Rhodium	103-2	1461370	1474618	1459171	1465053	0.57	cps
Scandium	45-1	2101193	2124732	2147910	2124612	1.10	cps
Scandium	45-2	68921	68288	69617	68942	0.96	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	42	38	47	42	10.65	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Silicon	28-1	446362	447407	451407	448392	0.59	cps
Silver	109-1	258	317	308	294	10.72	cps
Silver	107-1	325	350	242	306	18.56	cps
Sodium	23-2	24329	24813	25322	24822	2.00	cps
Strontium	86-1	708	733	858	767	10.48	cps
Strontium	88-1	750	767	825	781	5.05	cps
Sulfur	34-1	489619	492871	496370	492954	0.68	cps
Terbium	159-1	3187260	3230849	3233326	3217145	0.81	cps
Terbium	159-2	1613918	1593742	1591064	1599575	0.78	cps
Thallium	203-1	192	158	233	194	19.32	cps
Thallium	205-1	608	458	525	531	14.17	cps
Tin	118-1	825	875	858	853	2.99	cps
Titanium	47-1	642	525	625	597	10.57	cps
Uranium	238-1	425	408	467	433	6.93	cps
Vanadium	51-2	293	260	267	273	6.45	cps
Yttrium	89-1	3888034	3917415	3865297	3890249	0.67	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P8
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:24:22	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	443124	444895	442869	443629	0.25	cps
Zinc	66-2	200	191	171	187	8.10	cps
Zirconium	90-1	600	617	600	606	1.59	cps
Zirconium	91-1	175	92	150	139	30.79	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:27:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	666	644	628	646	2.95	cps
Antimony	121-1	5143	4976	4668	4929	4.89	cps
Arsenic	75-2	99	105	86	97	10.05	cps
Barium	135-1	4493	4934	4718	4715	4.69	cps
Barium	137-1	8461	8036	8236	8244	2.58	cps
Beryllium	9-1	556	608	554	573	5.35	cps
Bismuth	209-1	1912098	1952888	1895075	1920020	1.55	cps
Bismuth	209-2	1169885	1173050	1161954	1168296	0.49	cps
Boron	11-1	5552	5982	6230	5921	5.79	cps
Boron	10-1	1038	1208	1222	1156	8.86	cps
Bromine	81-1	2162	2413	2483	2353	7.16	cps
Cadmium	106-1	733	1067	1025	942	19.29	cps
Cadmium	108-1	42	50	71	54	27.73	cps
Cadmium	111-1	1009	1262	1226	1166	11.73	cps
Calcium	43-1	3742	3676	3884	3767	2.83	cps
Calcium	44-1	83542	83257	83441	83414	0.17	cps
Chromium	52-2	2164	2097	2114	2125	1.63	cps
Cobalt	59-2	1363	1353	1357	1358	0.37	cps
Copper	63-2	2142	2315	2219	2226	3.90	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	3058930	3108515	3044973	3070806	1.09	cps
Holmium	165-2	1588566	1592251	1572874	1584564	0.65	cps
Indium	115-1	2988245	2986828	2991258	2988777	0.08	cps
Indium	115-2	494141	498140	495333	495871	0.41	cps
Iron	54-2	1706	1700	1850	1752	4.85	cps
Iron	56-2	28529	28646	28440	28538	0.36	cps
Iron	57-2	856	639	672	722	16.15	cps
Krypton	83-1	413	457	510	460	10.53	cps
Lead	207-1	1150	1178	1445	1257	12.93	cps
Lead	208-1	6226	6390	6834	6483	4.86	cps
Lead	206-1	1572	1567	1533	1558	1.35	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:27:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	835986	849318	832388	839231	1.06	cps
Magnesium	24-2	20240	20957	20214	20470	2.06	cps
Manganese	55-2	410	353	387	383	7.43	cps
Molybdenum	94-1	4359	4693	4609	4554	3.81	cps
Molybdenum	95-1	5376	6135	5535	5682	7.04	cps
Molybdenum	96-1	6043	6126	6185	6118	1.16	cps
Molybdenum	97-1	3617	3476	3259	3451	5.23	cps
Molybdenum	98-1	8645	8261	8828	8578	3.37	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	450	423	444	4.27	cps
Phosphorus	31-2	142	125	150	139	9.17	cps
Potassium	39-2	33072	32946	34033	33350	1.78	cps
Rhodium	103-1	2929697	3021757	2998189	2983214	1.60	cps
Rhodium	103-2	1491387	1474983	1474324	1480231	0.65	cps
Scandium	45-1	2182907	2193906	2143258	2173357	1.23	cps
Scandium	45-2	69487	69959	69742	69729	0.34	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	60	67	68	65	6.70	cps
Selenium	82-1	222	211	115	183	32.41	cps
Silicon	28-1	458863	463825	464368	462352	0.66	cps
Silver	109-1	2667	2667	2725	2686	1.25	cps
Silver	107-1	2925	2917	2742	2861	3.62	cps
Sodium	23-2	59731	60911	60986	60543	1.16	cps
Strontium	86-1	1325	1417	1333	1358	3.73	cps
Strontium	88-1	6160	6427	6135	6240	2.59	cps
Sulfur	34-1	495032	490792	490917	492247	0.49	cps
Terbium	159-1	3326321	3388204	3265318	3326614	1.85	cps
Terbium	159-2	1609507	1609245	1582050	1600267	0.99	cps
Thallium	203-1	1517	1600	1433	1517	5.49	cps
Thallium	205-1	3776	3576	3776	3709	3.11	cps
Tin	118-1	8728	8486	8695	8636	1.52	cps
Titanium	47-1	1942	1959	1992	1964	1.30	cps
Uranium	238-1	4293	4509	4409	4404	2.46	cps
Vanadium	51-2	2447	2684	2644	2591	4.89	cps
Yttrium	89-1	3894027	3967713	3932973	3931571	0.94	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:27:28	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	446008	453601	443983	447864	1.13	cps
Zinc	66-2	509	360	350	406	21.89	cps
Zirconium	90-1	3976	4451	4317	4248	5.77	cps
Zirconium	91-1	850	1033	975	953	9.83	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:30:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14352	14152	14558	14354	1.42	cps
Antimony	121-1	128761	129265	128677	128901	0.25	cps
Arsenic	75-2	5019	4830	4910	4920	1.93	cps
Barium	135-1	119885	120944	121054	120628	0.54	cps
Barium	137-1	210527	214914	209209	211550	1.41	cps
Beryllium	9-1	28470	28636	28458	28521	0.35	cps
Bismuth	209-1	1934931	1928703	1911645	1925093	0.63	cps
Bismuth	209-2	1184450	1187636	1180410	1184165	0.31	cps
Boron	11-1	11198	12157	12917	12091	7.12	cps
Boron	10-1	2160	2586	2544	2430	9.66	cps
Bromine	81-1	2553	2232	2232	2339	7.91	cps
Cadmium	106-1	4076	3851	3642	3856	5.62	cps
Cadmium	108-1	2084	2125	2038	2082	2.10	cps
Cadmium	111-1	30170	30527	29594	30097	1.56	cps
Calcium	43-1	33573	34133	33314	33673	1.24	cps
Calcium	44-1	583827	589071	591603	588167	0.67	cps
Chromium	52-2	35046	35775	35157	35326	1.11	cps
Cobalt	59-2	62778	63805	62597	63060	1.03	cps
Copper	63-2	486950	484695	478605	483417	0.89	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	3051216	3094468	3084763	3076816	0.74	cps
Holmium	165-2	1611203	1609834	1623049	1614695	0.45	cps
Indium	115-1	3083513	3070668	3042237	3065472	0.69	cps
Indium	115-2	500476	505196	505563	503745	0.56	cps
Iron	54-2	73963	74505	74633	74367	0.48	cps
Iron	56-2	1335864	1352263	1332627	1340251	0.79	cps
Iron	57-2	32999	34982	32933	33638	3.46	cps
Krypton	83-1	470	507	440	472	7.07	cps
Lead	207-1	282990	282553	280714	282086	0.43	cps
Lead	208-1	1415449	1419317	1413778	1416181	0.20	cps
Lead	206-1	312511	311151	315380	313014	0.69	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:30:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	852132	857360	838562	849351	1.14	cps
Magnesium	24-2	211613	213008	213736	212786	0.51	cps
Manganese	55-2	159156	160435	159584	159725	0.41	cps
Molybdenum	94-1	235002	235681	238749	236478	0.84	cps
Molybdenum	95-1	287889	287976	289811	288559	0.38	cps
Molybdenum	96-1	319013	322396	313356	318255	1.44	cps
Molybdenum	97-1	178200	179440	180320	179320	0.59	cps
Molybdenum	98-1	451059	448541	451418	450339	0.35	cps
Neodymium	150-1	47	13	13	24	78.75	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	17594	17124	17387	17368	1.36	cps
Phosphorus	31-2	1017	967	1267	1083	14.84	cps
Potassium	39-2	98695	101532	100457	100228	1.43	cps
Rhodium	103-1	2994647	3045139	2934775	2991520	1.85	cps
Rhodium	103-2	1497092	1477885	1500970	1491982	0.83	cps
Scandium	45-1	2172449	2174519	2148188	2165052	0.68	cps
Scandium	45-2	70261	71370	71219	70950	0.85	cps
Selenium	77-2	53	70	73	66	16.35	cps
Selenium	78-2	240	264	254	253	4.77	cps
Selenium	82-1	2070	2034	2139	2081	2.57	cps
Silicon	28-1	553907	565605	561556	560356	1.06	cps
Silver	109-1	138980	138551	136016	137849	1.16	cps
Silver	107-1	146169	146052	147400	146540	0.51	cps
Sodium	23-2	428048	432147	426784	428993	0.65	cps
Strontium	86-1	37401	36081	36774	36752	1.80	cps
Strontium	88-1	311281	311884	308490	310552	0.58	cps
Sulfur	34-1	500282	496995	502256	499844	0.53	cps
Terbium	159-1	3332802	3336697	3245301	3304933	1.56	cps
Terbium	159-2	1617249	1620592	1615149	1617663	0.17	cps
Thallium	203-1	78873	79158	80147	79393	0.84	cps
Thallium	205-1	187093	188302	186467	187288	0.50	cps
Tin	118-1	84461	84862	86053	85125	0.97	cps
Titanium	47-1	87165	88515	87451	87710	0.81	cps
Uranium	238-1	230842	231507	232969	231773	0.47	cps
Vanadium	51-2	26802	27557	27917	27425	2.08	cps
Yttrium	89-1	4005100	3980007	3825815	3936974	2.47	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:30:37	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	450063	449102	449872	449679	0.11	cps
Zinc	66-2	67844	67686	67140	67557	0.55	cps
Zirconium	90-1	200552	199151	197307	199003	0.82	cps
Zirconium	91-1	43594	44915	44965	44491	1.75	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:33:43	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35721	36707	35917	36115	1.45	cps
Antimony	121-1	325662	327344	326385	326464	0.26	cps
Arsenic	75-2	12270	12537	12342	12383	1.12	cps
Barium	135-1	312444	305463	308600	308836	1.13	cps
Barium	137-1	554904	539028	535942	543291	1.87	cps
Beryllium	9-1	72070	71915	71715	71900	0.25	cps
Bismuth	209-1	1946945	1944128	1924466	1938513	0.63	cps
Bismuth	209-2	1180898	1190591	1181308	1184266	0.46	cps
Boron	11-1	26386	28963	30892	28747	7.86	cps
Boron	10-1	5368	5842	6312	5841	8.08	cps
Bromine	81-1	2253	2202	2142	2199	2.51	cps
Cadmium	106-1	8586	8495	8161	8414	2.66	cps
Cadmium	108-1	5480	5359	5497	5446	1.38	cps
Cadmium	111-1	75472	76674	76122	76089	0.79	cps
Calcium	43-1	88162	88354	87541	88019	0.48	cps
Calcium	44-1	1487166	1459494	1442911	1463190	1.53	cps
Chromium	52-2	87499	88230	87780	87836	0.42	cps
Cobalt	59-2	160894	159438	156548	158960	1.39	cps
Copper	63-2	1208450	1221720	1202926	1211032	0.80	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	3124733	3171914	3116014	3137554	0.96	cps
Holmium	165-2	1629277	1600034	1586123	1605145	1.37	cps
Indium	115-1	3155798	3099102	3039690	3098197	1.87	cps
Indium	115-2	503608	510488	501177	505091	0.96	cps
Iron	54-2	186354	189682	185280	187106	1.23	cps
Iron	56-2	3460155	3423658	3412024	3431946	0.73	cps
Iron	57-2	82677	85488	82895	83687	1.87	cps
Krypton	83-1	457	383	483	441	11.74	cps
Lead	207-1	732021	727376	721464	726954	0.73	cps
Lead	208-1	3717407	3707714	3651483	3692201	0.96	cps
Lead	206-1	805103	798991	804480	802858	0.42	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:33:43	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	846713	851404	845314	847810	0.38	cps
Magnesium	24-2	531343	534330	526393	530689	0.76	cps
Manganese	55-2	403026	405231	397358	401871	1.01	cps
Molybdenum	94-1	604230	600048	603541	602606	0.37	cps
Molybdenum	95-1	733782	738183	731693	734553	0.45	cps
Molybdenum	96-1	815578	812903	813053	813844	0.18	cps
Molybdenum	97-1	464186	458497	460937	461207	0.62	cps
Molybdenum	98-1	1168836	1155363	1161266	1161822	0.58	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	44653	45760	43516	44643	2.51	cps
Phosphorus	31-2	2942	2859	2442	2748	9.75	cps
Potassium	39-2	224196	223993	220009	222733	1.06	cps
Rhodium	103-1	2946196	2987426	2913923	2949182	1.25	cps
Rhodium	103-2	1476266	1490115	1481378	1482586	0.47	cps
Scandium	45-1	2170852	2187628	2146716	2168399	0.95	cps
Scandium	45-2	70880	68834	68341	69352	1.94	cps
Selenium	77-2	173	153	123	150	16.78	cps
Selenium	78-2	616	588	569	591	4.00	cps
Selenium	82-1	5301	5389	5256	5316	1.28	cps
Silicon	28-1	727219	747160	761505	745295	2.31	cps
Silver	109-1	351567	356876	356522	354988	0.84	cps
Silver	107-1	375210	364441	370261	369971	1.46	cps
Sodium	23-2	1031091	1044488	1029816	1035132	0.79	cps
Strontium	86-1	92840	90627	90694	91387	1.38	cps
Strontium	88-1	791833	789086	785368	788763	0.41	cps
Sulfur	34-1	506640	504859	508030	506509	0.31	cps
Terbium	159-1	3313664	3304742	3372728	3330378	1.11	cps
Terbium	159-2	1610665	1652779	1589077	1617507	2.00	cps
Thallium	203-1	203416	205354	206117	204963	0.68	cps
Thallium	205-1	477050	476741	484404	479398	0.90	cps
Tin	118-1	217643	217246	218074	217655	0.19	cps
Titanium	47-1	221719	224404	219925	222016	1.02	cps
Uranium	238-1	589420	594046	595368	592945	0.53	cps
Vanadium	51-2	68999	69665	69397	69354	0.48	cps
Yttrium	89-1	3873239	3952008	3891169	3905472	1.06	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:33:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	447910	447969	444475	446785	0.45	cps
Zinc	66-2	172295	172757	169360	171471	1.07	cps
Zirconium	90-1	506297	509913	509280	508497	0.38	cps
Zirconium	91-1	110503	112846	113393	112247	1.37	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:36:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69878	69151	70813	69947	1.19	cps
Antimony	121-1	653580	666228	659869	659892	0.96	cps
Arsenic	75-2	24389	24010	23979	24126	0.95	cps
Barium	135-1	620881	620751	623263	621632	0.23	cps
Barium	137-1	1083436	1092132	1088229	1087932	0.40	cps
Beryllium	9-1	143984	144547	143293	143941	0.44	cps
Bismuth	209-1	1969421	1958640	1958828	1962296	0.31	cps
Bismuth	209-2	1176158	1162833	1181725	1173572	0.83	cps
Boron	11-1	51234	57765	60357	56452	8.33	cps
Boron	10-1	10732	11606	12071	11470	5.93	cps
Bromine	81-1	2503	2383	2513	2466	2.94	cps
Cadmium	106-1	15893	15818	16226	15979	1.36	cps
Cadmium	108-1	10788	10379	10742	10636	2.10	cps
Cadmium	111-1	149571	153173	152435	151726	1.25	cps
Calcium	43-1	172140	174778	168520	171813	1.83	cps
Calcium	44-1	2816706	2847440	2812513	2825553	0.67	cps
Chromium	52-2	170480	168202	169161	169281	0.68	cps
Cobalt	59-2	309115	306981	309338	308478	0.42	cps
Copper	63-2	2456992	2405351	2430850	2431065	1.06	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	67	8	67	47	71.33	cps
Gadolinium	160-2	20	30	13	21	39.75	cps
Holmium	165-1	3167913	3141668	3135604	3148395	0.55	cps
Holmium	165-2	1616498	1591077	1623113	1610229	1.05	cps
Indium	115-1	3136806	3093965	3211159	3147310	1.88	cps
Indium	115-2	506376	500510	503019	503302	0.58	cps
Iron	54-2	363588	361909	362391	362630	0.24	cps
Iron	56-2	6648501	6513603	6588961	6583689	1.03	cps
Iron	57-2	163959	163936	161818	163238	0.75	cps
Krypton	83-1	407	440	430	426	4.02	cps
Lead	207-1	1447843	1460629	1463459	1457310	0.57	cps
Lead	208-1	7409929	7401455	7347094	7386159	0.46	cps
Lead	206-1	1591537	1612140	1621162	1608280	0.94	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:36:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	862021	857195	857467	858894	0.32	cps
Magnesium	24-2	1051782	1038578	1037547	1042636	0.76	cps
Manganese	55-2	800244	782732	785720	789565	1.19	cps
Molybdenum	94-1	1202654	1214009	1206954	1207872	0.47	cps
Molybdenum	95-1	1465968	1469930	1448753	1461550	0.77	cps
Molybdenum	96-1	1609929	1619929	1637919	1622592	0.87	cps
Molybdenum	97-1	901644	910533	900693	904290	0.60	cps
Molybdenum	98-1	2318286	2343752	2303444	2321827	0.88	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	86042	83057	84133	84411	1.79	cps
Phosphorus	31-2	4709	5309	5076	5032	6.01	cps
Potassium	39-2	418952	416605	417161	417573	0.29	cps
Rhodium	103-1	2973593	2945099	2988945	2969212	0.75	cps
Rhodium	103-2	1496690	1472952	1456398	1475347	1.37	cps
Scandium	45-1	2168964	2165131	2120830	2151641	1.24	cps
Scandium	45-2	68874	68522	68071	68489	0.59	cps
Selenium	77-2	333	317	330	327	2.70	cps
Selenium	78-2	1111	1156	1068	1112	3.96	cps
Selenium	82-1	10520	10585	10697	10601	0.84	cps
Silicon	28-1	894095	930111	939789	921332	2.61	cps
Silver	109-1	706203	706587	697335	703375	0.74	cps
Silver	107-1	737555	746373	740668	741532	0.60	cps
Sodium	23-2	2050047	1983022	1980873	2004647	1.96	cps
Strontium	86-1	181381	180066	181493	180980	0.44	cps
Strontium	88-1	1585654	1577177	1577986	1580272	0.30	cps
Sulfur	34-1	528083	529098	529766	528982	0.16	cps
Terbium	159-1	3355171	3374685	3319463	3349773	0.84	cps
Terbium	159-2	1621993	1588014	1606630	1605546	1.06	cps
Thallium	203-1	406345	411634	413729	410569	0.93	cps
Thallium	205-1	965552	974681	952257	964163	1.17	cps
Tin	118-1	435002	441186	441812	439333	0.86	cps
Titanium	47-1	440138	440331	436870	439113	0.44	cps
Uranium	238-1	1195008	1206921	1200296	1200742	0.50	cps
Vanadium	51-2	137867	134024	135235	135709	1.45	cps
Yttrium	89-1	3946648	3959738	3914556	3940314	0.59	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:36:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	442996	437979	443317	441431	0.68	cps
Zinc	66-2	336078	330933	329399	332137	1.05	cps
Zirconium	90-1	1005792	1014440	1021044	1013758	0.75	cps
Zirconium	91-1	225858	226775	223649	225427	0.71	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:39:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138407	137070	136824	137434	0.62	cps
Antimony	121-1	1356235	1335857	1329884	1340659	1.03	cps
Arsenic	75-2	48379	48486	48175	48347	0.33	cps
Barium	135-1	1269071	1252049	1261930	1261017	0.68	cps
Barium	137-1	2259370	2225677	2215867	2233638	1.02	cps
Beryllium	9-1	285599	287771	287148	286839	0.39	cps
Bismuth	209-1	2003104	2001979	1999322	2001468	0.10	cps
Bismuth	209-2	1196809	1210345	1212219	1206457	0.70	cps
Boron	11-1	105377	113794	122403	113858	7.48	cps
Boron	10-1	21405	23258	24928	23197	7.60	cps
Bromine	81-1	1992	2052	2353	2132	9.06	cps
Cadmium	106-1	30919	32756	31545	31740	2.94	cps
Cadmium	108-1	21638	21605	21125	21456	1.34	cps
Cadmium	111-1	306590	302633	298002	302408	1.42	cps
Calcium	43-1	341948	347722	339387	343019	1.24	cps
Calcium	44-1	5513415	5624999	5646585	5595000	1.28	cps
Chromium	52-2	338570	337404	334242	336739	0.67	cps
Cobalt	59-2	614490	611146	611145	612261	0.32	cps
Copper	63-2	4757630	4776632	4668870	4734377	1.21	cps
Dysprosium	156-1	50	25	17	31	56.77	cps
Dysprosium	156-2	10	17	20	16	32.73	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	25	58	75	53	48.24	cps
Gadolinium	160-2	27	17	27	23	24.74	cps
Holmium	165-1	3235456	3186266	3247799	3223174	1.01	cps
Holmium	165-2	1646560	1645436	1657905	1649967	0.42	cps
Indium	115-1	3231622	3262224	3222245	3238697	0.65	cps
Indium	115-2	520027	520105	523443	521192	0.37	cps
Iron	54-2	726212	722926	709979	719706	1.19	cps
Iron	56-2	13023811	13204217	12915851	13047959	1.12	cps
Iron	57-2	323091	326377	321561	323676	0.76	cps
Krypton	83-1	447	350	443	413	13.28	cps
Lead	207-1	3080791	3040838	3023228	3048285	0.97	cps
Lead	208-1	15230676	15107846	15071197	15136573	0.55	cps
Lead	206-1	3390230	3369599	3351680	3370503	0.57	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:39:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	880327	879428	870856	876870	0.60	cps
Magnesium	24-2	2068565	2042755	2058380	2056567	0.63	cps
Manganese	55-2	1573140	1589048	1544971	1569053	1.42	cps
Molybdenum	94-1	2424256	2437776	2367521	2409851	1.55	cps
Molybdenum	95-1	2925303	2954723	2879095	2919707	1.31	cps
Molybdenum	96-1	3288030	3314775	3198155	3266987	1.87	cps
Molybdenum	97-1	1871017	1917769	1865868	1884885	1.52	cps
Molybdenum	98-1	4661024	4715929	4613704	4663552	1.10	cps
Neodymium	150-1	40	40	60	47	24.74	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	166344	168856	167594	167598	0.75	cps
Phosphorus	31-2	9829	10337	9962	10043	2.63	cps
Potassium	39-2	812149	806744	810678	809857	0.35	cps
Rhodium	103-1	3059377	3114762	2996857	3056999	1.93	cps
Rhodium	103-2	1481572	1480528	1502973	1488357	0.85	cps
Scandium	45-1	2207238	2244276	2208057	2219857	0.95	cps
Scandium	45-2	70157	69309	69856	69774	0.62	cps
Selenium	77-2	640	620	643	634	1.99	cps
Selenium	78-2	2153	2116	2159	2143	1.09	cps
Selenium	82-1	20962	21199	21189	21117	0.63	cps
Silicon	28-1	1358995	1380650	1432853	1390832	2.73	cps
Silver	109-1	1419922	1429235	1416372	1421843	0.47	cps
Silver	107-1	1489017	1493680	1470645	1484447	0.82	cps
Sodium	23-2	3957271	3912219	3893252	3920914	0.84	cps
Strontium	86-1	358516	363085	360141	360581	0.64	cps
Strontium	88-1	3237227	3136967	3116638	3163611	2.04	cps
Sulfur	34-1	575130	571139	570121	572130	0.46	cps
Terbium	159-1	3516009	3505345	3491737	3504363	0.35	cps
Terbium	159-2	1662455	1636034	1675154	1657881	1.20	cps
Thallium	203-1	833768	826149	823804	827907	0.63	cps
Thallium	205-1	1982872	1924661	1971820	1959784	1.58	cps
Tin	118-1	884647	879877	892587	885703	0.72	cps
Titanium	47-1	879805	879077	887923	882268	0.56	cps
Uranium	238-1	2500008	2462654	2515960	2492874	1.10	cps
Vanadium	51-2	270310	268033	265673	268005	0.86	cps
Yttrium	89-1	4148800	4072597	4050932	4090776	1.26	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:39:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	449299	450525	450919	450248	0.19	cps
Zinc	66-2	657795	656085	649685	654522	0.65	cps
Zirconium	90-1	2029275	2043818	2040249	2037781	0.37	cps
Zirconium	91-1	446235	453918	451174	450442	0.86	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:42:48	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279806	279980	277327	279038	0.53	cps
Antimony	121-1	2810450	2762845	2762422	2778572	0.99	cps
Arsenic	75-2	98751	99715	98466	98978	0.66	cps
Barium	135-1	2585807	2572962	2620909	2593226	0.96	cps
Barium	137-1	4583499	4509262	4596265	4563008	1.03	cps
Beryllium	9-1	597592	592425	595471	595163	0.44	cps
Bismuth	209-1	2137459	2091801	2095903	2108388	1.20	cps
Bismuth	209-2	1240137	1233506	1250251	1241298	0.68	cps
Boron	11-1	219618	241425	253898	238313	7.28	cps
Boron	10-1	44709	49224	51439	48457	7.08	cps
Bromine	81-1	1962	2403	2283	2216	10.28	cps
Cadmium	106-1	63865	63656	64602	64041	0.78	cps
Cadmium	108-1	43560	44919	44062	44180	1.55	cps
Cadmium	111-1	622046	622651	625641	623446	0.31	cps
Calcium	43-1	712949	707972	713745	711555	0.44	cps
Calcium	44-1	11576862	11544906	11430796	11517521	0.67	cps
Chromium	52-2	683703	689519	681188	684803	0.62	cps
Cobalt	59-2	1250582	1241471	1245857	1245970	0.37	cps
Copper	63-2	9479615	9503732	9485466	9489604	0.13	cps
Dysprosium	156-1	75	75	42	64	30.12	cps
Dysprosium	156-2	37	20	27	28	30.20	cps
Erbium	164-1	33	67	17	39	65.47	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	75	58	50	61	20.83	cps
Gadolinium	160-2	37	37	23	32	23.90	cps
Holmium	165-1	3396016	3449225	3366900	3404047	1.23	cps
Holmium	165-2	1750148	1696550	1670048	1705582	2.39	cps
Indium	115-1	3219686	3243053	3201279	3221339	0.65	cps
Indium	115-2	504963	503842	499997	502934	0.52	cps
Iron	54-2	1492826	1472474	1472749	1479350	0.79	cps
Iron	56-2	26851926	26642716	26594279	26696307	0.51	cps
Iron	57-2	660045	661611	660365	660674	0.13	cps
Krypton	83-1	380	430	433	414	7.21	cps
Lead	207-1	6373019	6294096	6442877	6369997	1.17	cps
Lead	208-1	31612380	31476730	31810974	31633361	0.53	cps
Lead	206-1	6999460	6982956	7014270	6998895	0.22	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:42:48	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	915073	906152	890667	903964	1.37	cps
Magnesium	24-2	4285849	4244490	4186326	4238888	1.18	cps
Manganese	55-2	3216835	3149434	3141312	3169194	1.31	cps
Molybdenum	94-1	5043550	4991434	4993368	5009451	0.59	cps
Molybdenum	95-1	6155843	6020572	6060382	6078933	1.14	cps
Molybdenum	96-1	6699487	6673401	6722627	6698505	0.37	cps
Molybdenum	97-1	3875825	3841645	3948132	3888534	1.40	cps
Molybdenum	98-1	9669541	9466495	9721160	9619065	1.40	cps
Neodymium	150-1	93	133	47	91	47.61	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	337731	339216	336456	337801	0.41	cps
Phosphorus	31-2	19580	19388	19564	19511	0.55	cps
Potassium	39-2	1624112	1628684	1570360	1607719	2.02	cps
Rhodium	103-1	3099393	3138481	3147304	3128393	0.82	cps
Rhodium	103-2	1511894	1496718	1483637	1497417	0.94	cps
Scandium	45-1	2292549	2260718	2213959	2255742	1.75	cps
Scandium	45-2	70361	70736	69812	70303	0.66	cps
Selenium	77-2	1277	1313	1197	1262	4.73	cps
Selenium	78-2	4320	4451	4331	4367	1.66	cps
Selenium	82-1	43684	43940	43556	43726	0.45	cps
Silicon	28-1	1991415	2074577	2109043	2058345	2.94	cps
Silver	109-1	2934171	2923568	2955122	2937620	0.55	cps
Silver	107-1	3111403	3139779	3059260	3103481	1.32	cps
Sodium	23-2	8118482	8017669	7916773	8017641	1.26	cps
Strontium	86-1	748371	767143	755726	757080	1.25	cps
Strontium	88-1	6496234	6609073	6436154	6513820	1.35	cps
Sulfur	34-1	671571	674700	668532	671601	0.46	cps
Terbium	159-1	3669845	3663867	3584588	3639433	1.31	cps
Terbium	159-2	1748729	1694292	1714645	1719222	1.60	cps
Thallium	203-1	1733369	1751719	1705434	1730174	1.35	cps
Thallium	205-1	4119124	4118949	4066256	4101443	0.74	cps
Tin	118-1	1851630	1863083	1833185	1849299	0.82	cps
Titanium	47-1	1832974	1820779	1824191	1825982	0.34	cps
Uranium	238-1	5215591	5191893	5220796	5209427	0.30	cps
Vanadium	51-2	554430	548499	548487	550472	0.62	cps
Yttrium	89-1	4285501	4306273	4159844	4250539	1.86	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:42:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	458055	462801	458001	459619	0.60	cps
Zinc	66-2	1334413	1333913	1327077	1331801	0.31	cps
Zirconium	90-1	4263896	4229418	4242914	4245409	0.41	cps
Zirconium	91-1	946155	950798	944363	947105	0.35	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:45:46	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1283125	1239542	1296140	1272936	2.33	cps
Antimony	121-1	2459	2325	2909	2564	11.92	cps
Arsenic	75-2	43	41	52	45	12.94	cps
Barium	135-1	4418	4993	4259	4556	8.47	cps
Barium	137-1	8570	8069	7878	8172	4.37	cps
Beryllium	9-1	232	232	214	226	4.60	cps
Bismuth	209-1	1796489	1863957	1820985	1827144	1.87	cps
Bismuth	209-2	1100061	1096352	1119791	1105402	1.14	cps
Boron	11-1	42031	38470	34331	38278	10.07	cps
Boron	10-1	8945	7743	6962	7883	12.67	cps
Bromine	81-1	2433	2333	2473	2413	2.99	cps
Cadmium	106-1	867	900	867	878	2.19	cps
Cadmium	108-1	54	71	88	71	23.53	cps
Cadmium	111-1	927	880	816	875	6.36	cps
Calcium	43-1	3231257	3222627	3243103	3232329	0.32	cps
Calcium	44-1	52579222	53648908	54541505	53589879	1.83	cps
Chromium	52-2	11905	11515	11708	11709	1.67	cps
Cobalt	59-2	2050	1990	1893	1978	4.00	cps
Copper	63-2	4970	4649	4958	4859	3.75	cps
Dysprosium	156-1	125	150	125	133	10.83	cps
Dysprosium	156-2	77	77	77	77	0.00	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	150	117	250	172	40.29	cps
Gadolinium	160-2	87	87	117	97	17.92	cps
Holmium	165-1	3058212	3115781	3126742	3100245	1.19	cps
Holmium	165-2	1562208	1576389	1595108	1577902	1.05	cps
Indium	115-1	2911635	2977270	2927623	2938843	1.16	cps
Indium	115-2	465539	469674	476858	470690	1.22	cps
Iron	54-2	6811881	6825612	6721400	6786298	0.83	cps
Iron	56-2	127782764	125984806	123651517	125806362	1.65	cps
Iron	57-2	3173658	3125225	3145356	3148080	0.77	cps
Krypton	83-1	440	393	477	437	9.57	cps
Lead	207-1	4951	5312	5234	5166	3.68	cps
Lead	208-1	25951	26554	26176	26227	1.16	cps
Lead	206-1	5879	5918	5701	5833	1.98	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:45:46	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	812603	829303	827975	823294	1.13	cps
Magnesium	24-2	19831175	19400680	19554511	19595455	1.11	cps
Manganese	55-2	2794	2724	2837	2785	2.05	cps
Molybdenum	94-1	2675	2717	2584	2659	2.57	cps
Molybdenum	95-1	3842	3709	3767	3773	1.77	cps
Molybdenum	96-1	4726	4584	4543	4618	2.08	cps
Molybdenum	97-1	2300	2675	2209	2395	10.33	cps
Molybdenum	98-1	5785	6427	5985	6065	5.42	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	3671	3727	3681	3693	0.82	cps
Phosphorus	31-2	92	67	125	94	30.98	cps
Potassium	39-2	7350627	7285786	7332496	7322970	0.46	cps
Rhodium	103-1	2660500	2742557	2700753	2701270	1.52	cps
Rhodium	103-2	1344239	1361494	1361168	1355633	0.73	cps
Scandium	45-1	2035380	2039740	2061294	2045471	0.68	cps
Scandium	45-2	64423	65492	64353	64756	0.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	27	32	34	24.07	cps
Selenium	82-1	17	40	-50	2	1914.21	cps
Silicon	28-1	502150	504786	500514	502483	0.43	cps
Silver	109-1	725	967	933	875	14.97	cps
Silver	107-1	875	967	1058	967	9.48	cps
Sodium	23-2	36435710	35781057	35638163	35951644	1.18	cps
Strontium	86-1	4776	4701	4459	4645	3.56	cps
Strontium	88-1	33975	34117	34961	34351	1.55	cps
Sulfur	34-1	456007	460096	459246	458450	0.47	cps
Terbium	159-1	3261566	3253289	3235875	3250243	0.40	cps
Terbium	159-2	1585588	1568564	1584903	1579685	0.61	cps
Thallium	203-1	1042	1008	792	947	14.33	cps
Thallium	205-1	2517	2159	1967	2214	12.61	cps
Tin	118-1	1717	1800	2703	2073	26.38	cps
Titanium	47-1	933	767	733	811	13.21	cps
Uranium	238-1	725	767	800	764	4.92	cps
Vanadium	51-2	173	153	160	162	6.28	cps
Yttrium	89-1	3789517	3792781	3851736	3811344	0.92	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 12:45:46	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	421056	424173	428584	424604	0.89	cps
Zinc	66-2	12023	12084	12117	12075	0.39	cps
Zirconium	90-1	1450	1317	1425	1397	5.07	cps
Zirconium	91-1	417	258	308	328	24.69	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:06:42	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6672	6778	6840	6764	1.26	cps
Antimony	121-1	502590	511839	511487	508639	1.03	cps
Arsenic	75-2	18934	19163	18792	18963	0.99	cps
Barium	135-1	48261	48973	49198	48811	1.00	cps
Barium	137-1	85847	85184	87205	86079	1.20	cps
Beryllium	9-1	55824	55729	56271	55941	0.52	cps
Bismuth	209-1	1903212	1916084	1900486	1906594	0.44	cps
Bismuth	209-2	1127709	1151035	1120072	1132938	1.42	cps
Boron	11-1	84786	102245	114014	100348	14.65	cps
Boron	10-1	17303	20787	23250	20446	14.61	cps
Bromine	81-1	2313	2032	2222	2189	6.54	cps
Cadmium	106-1	10012	9503	9845	9787	2.65	cps
Cadmium	108-1	5480	5493	5789	5587	3.12	cps
Cadmium	111-1	60311	60381	61325	60673	0.93	cps
Calcium	43-1	15208	14950	14391	14850	2.81	cps
Calcium	44-1	257287	259360	259043	258563	0.43	cps
Chromium	52-2	67766	65275	65178	66073	2.22	cps
Cobalt	59-2	123436	121415	119910	121587	1.46	cps
Copper	63-2	89012	88645	89886	89181	0.71	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	17	3	0	7	132.33	cps
Holmium	165-1	3031267	3085929	3068994	3062063	0.91	cps
Holmium	165-2	1563828	1556875	1562733	1561145	0.24	cps
Indium	115-1	2967923	2858937	2939156	2922006	1.93	cps
Indium	115-2	455755	464453	459776	459995	0.95	cps
Iron	54-2	57014	56975	56177	56722	0.83	cps
Iron	56-2	1001097	1000643	973021	991587	1.62	cps
Iron	57-2	24766	24716	24766	24750	0.12	cps
Krypton	83-1	413	493	413	440	10.50	cps
Lead	207-1	230744	235806	231971	232840	1.13	cps
Lead	208-1	1201124	1223500	1209833	1211485	0.93	cps
Lead	206-1	277160	281770	279175	279368	0.83	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:06:42	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	833585	833748	846124	837819	0.86	cps
Magnesium	24-2	47419	46583	45213	46405	2.40	cps
Manganese	55-2	31545	31441	30803	31263	1.28	cps
Molybdenum	94-1	2410512	2442475	2444856	2432614	0.79	cps
Molybdenum	95-1	2876049	2900948	2899650	2892216	0.48	cps
Molybdenum	96-1	3175674	3263586	3155366	3198209	1.80	cps
Molybdenum	97-1	1803314	1835935	1835083	1824777	1.02	cps
Molybdenum	98-1	4501573	4610402	4538154	4550043	1.22	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	33349	33486	32440	33092	1.72	cps
Phosphorus	31-2	83	100	158	114	34.58	cps
Potassium	39-2	77324	77089	76570	76994	0.50	cps
Rhodium	103-1	2922881	2933425	2887150	2914486	0.83	cps
Rhodium	103-2	1411580	1435622	1420015	1422406	0.86	cps
Scandium	45-1	2104956	2065016	2056378	2075450	1.25	cps
Scandium	45-2	66275	65552	65331	65719	0.75	cps
Selenium	77-2	280	203	253	246	15.85	cps
Selenium	78-2	765	831	847	814	5.34	cps
Selenium	82-1	8377	8230	8233	8280	1.02	cps
Silicon	28-1	1098101	1095438	1117715	1103751	1.10	cps
Silver	109-1	133393	136119	134039	134517	1.06	cps
Silver	107-1	140259	142547	140074	140960	0.98	cps
Sodium	23-2	176721	172098	172775	173865	1.44	cps
Strontium	86-1	406243	408749	399804	404932	1.14	cps
Strontium	88-1	3462510	3543430	3528625	3511522	1.23	cps
Sulfur	34-1	481056	479018	475180	478418	0.62	cps
Terbium	159-1	3278208	3232446	3264115	3258256	0.72	cps
Terbium	159-2	1566904	1572702	1554921	1564842	0.58	cps
Thallium	203-1	341545	354006	350390	348647	1.84	cps
Thallium	205-1	815887	838752	820261	824967	1.47	cps
Tin	118-1	982785	984481	982853	983373	0.10	cps
Titanium	47-1	854298	865091	868723	862704	0.87	cps
Uranium	238-1	2735773	2734024	2695399	2721732	0.84	cps
Vanadium	51-2	51178	51318	50716	51071	0.62	cps
Yttrium	89-1	3837687	3829697	3782744	3816709	0.78	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:06:42	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	413254	418628	416740	416207	0.66	cps
Zinc	66-2	26157	26506	26348	26337	0.66	cps
Zirconium	90-1	2225581	2237698	2230006	2231095	0.27	cps
Zirconium	91-1	490087	487460	493638	490395	0.63	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:23:44	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	666	656	638	653	2.17	cps
Antimony	121-1	4876	4793	4993	4887	2.06	cps
Arsenic	75-2	90	102	95	96	6.30	cps
Barium	135-1	4834	4468	4768	4690	4.17	cps
Barium	137-1	8036	8328	8486	8283	2.76	cps
Beryllium	9-1	574	640	558	591	7.36	cps
Bismuth	209-1	1898986	1936182	1936986	1924051	1.13	cps
Bismuth	209-2	1163381	1148253	1164026	1158553	0.77	cps
Boron	11-1	6596	7296	8029	7307	9.80	cps
Boron	10-1	1466	1542	1608	1538	4.62	cps
Bromine	81-1	2042	2072	1722	1945	9.98	cps
Cadmium	106-1	808	767	992	856	13.99	cps
Cadmium	108-1	46	29	33	36	24.01	cps
Cadmium	111-1	1042	1116	1246	1135	9.09	cps
Calcium	43-1	3667	3709	3167	3514	8.58	cps
Calcium	44-1	79310	79067	80919	79766	1.26	cps
Chromium	52-2	1900	2094	1994	1996	4.85	cps
Cobalt	59-2	1283	1243	1213	1247	2.82	cps
Copper	63-2	2212	2354	2273	2280	3.11	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	42	17	50	36	48.03	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	3023302	3115117	3108103	3082174	1.66	cps
Holmium	165-2	1585502	1561489	1579911	1575634	0.80	cps
Indium	115-1	2889377	2972906	3001963	2954748	1.98	cps
Indium	115-2	477559	477265	478112	477645	0.09	cps
Iron	54-2	1689	1745	1783	1739	2.73	cps
Iron	56-2	26742	27004	26837	26861	0.49	cps
Iron	57-2	617	722	561	633	12.92	cps
Krypton	83-1	410	413	477	433	8.67	cps
Lead	207-1	1522	1489	1511	1508	1.13	cps
Lead	208-1	7445	7434	7590	7490	1.16	cps
Lead	206-1	1617	1495	1695	1602	6.29	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:23:44	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	824940	839109	836081	833377	0.90	cps
Magnesium	24-2	20290	19497	19564	19783	2.22	cps
Manganese	55-2	370	353	340	354	4.24	cps
Molybdenum	94-1	4176	4651	4534	4454	5.56	cps
Molybdenum	95-1	5385	5276	5810	5490	5.14	cps
Molybdenum	96-1	6110	6268	6001	6127	2.19	cps
Molybdenum	97-1	3526	3492	3351	3456	2.69	cps
Molybdenum	98-1	8119	8520	9011	8550	5.23	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	430	427	387	414	5.82	cps
Phosphorus	31-2	67	125	83	92	32.77	cps
Potassium	39-2	32028	32253	31786	32022	0.73	cps
Rhodium	103-1	2853680	2920604	2903346	2892543	1.20	cps
Rhodium	103-2	1452359	1462557	1443527	1452814	0.66	cps
Scandium	45-1	2001297	2096040	2141841	2079726	3.45	cps
Scandium	45-2	67782	66403	65354	66513	1.83	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	53	62	46	54	14.95	cps
Selenium	82-1	173	218	60	150	53.90	cps
Silicon	28-1	446636	448474	448671	447927	0.25	cps
Silver	109-1	2575	2475	2850	2634	7.37	cps
Silver	107-1	2967	2700	2750	2806	5.05	cps
Sodium	23-2	60308	58368	59137	59271	1.65	cps
Strontium	86-1	1500	1317	1300	1372	8.09	cps
Strontium	88-1	6026	6335	6377	6246	3.06	cps
Sulfur	34-1	481099	484197	482716	482671	0.32	cps
Terbium	159-1	3261853	3327847	3246593	3278764	1.32	cps
Terbium	159-2	1585449	1584674	1582279	1584134	0.10	cps
Thallium	203-1	1533	1567	1500	1533	2.17	cps
Thallium	205-1	3626	3692	3484	3601	2.96	cps
Tin	118-1	8478	8570	8878	8642	2.43	cps
Titanium	47-1	2042	2084	2159	2095	2.82	cps
Uranium	238-1	4351	4451	4543	4448	2.16	cps
Vanadium	51-2	2514	2567	2440	2507	2.54	cps
Yttrium	89-1	3798595	3814300	3853587	3822161	0.74	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:23:44	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	425457	429344	423532	426111	0.69	cps
Zinc	66-2	355	391	402	383	6.47	cps
Zirconium	90-1	3784	3784	3792	3787	0.13	cps
Zirconium	91-1	883	867	867	872	1.10	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:27:35	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	388	318	365	11.22	cps
Antimony	121-1	42	75	42	53	36.46	cps
Arsenic	75-2	3	5	6	5	32.73	cps
Barium	135-1	50	8	25	28	75.51	cps
Barium	137-1	42	42	58	47	20.37	cps
Beryllium	9-1	56	42	50	49	14.24	cps
Bismuth	209-1	1937431	1914371	1957125	1936309	1.11	cps
Bismuth	209-2	1155941	1165313	1167092	1162782	0.52	cps
Boron	11-1	3570	3378	3348	3432	3.51	cps
Boron	10-1	688	746	728	721	4.12	cps
Bromine	81-1	2202	2313	2633	2383	9.39	cps
Cadmium	106-1	767	717	642	708	8.88	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Cadmium	111-1	548	507	471	509	7.50	cps
Calcium	43-1	317	408	375	367	12.65	cps
Calcium	44-1	27944	27034	28295	27758	2.34	cps
Chromium	52-2	730	787	803	773	4.97	cps
Cobalt	59-2	60	33	40	44	31.23	cps
Copper	63-2	408	463	438	437	6.27	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	17	50	33	33	50.00	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	3117862	3034676	3089015	3080517	1.37	cps
Holmium	165-2	1533347	1588861	1579712	1567306	1.90	cps
Indium	115-1	2973569	2941360	2963372	2959434	0.56	cps
Indium	115-2	472516	481281	478748	477515	0.94	cps
Iron	54-2	339	311	317	322	4.56	cps
Iron	56-2	2778	2650	2561	2663	4.09	cps
Iron	57-2	133	94	83	104	25.32	cps
Krypton	83-1	413	477	403	431	9.23	cps
Lead	207-1	383	461	289	378	22.83	cps
Lead	208-1	1942	1986	1695	1874	8.39	cps
Lead	206-1	389	478	428	432	10.33	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 13:27:35 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	850926	847279	838422	845542	0.76	cps
Magnesium	24-2	267	400	317	328	20.55	cps
Manganese	55-2	100	77	90	89	13.17	cps
Molybdenum	94-1	42	83	50	58	37.80	cps
Molybdenum	95-1	17	17	25	19	24.73	cps
Molybdenum	96-1	108	75	58	81	31.60	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	25	33	17	25	33.32	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	60	70	63	9.12	cps
Phosphorus	31-2	117	133	108	119	10.66	cps
Potassium	39-2	17836	16927	17853	17539	3.02	cps
Rhodium	103-1	2949081	2909790	2933003	2930625	0.67	cps
Rhodium	103-2	1445811	1461029	1425187	1444009	1.25	cps
Scandium	45-1	2079820	2087583	2108164	2091856	0.70	cps
Scandium	45-2	65984	66526	66767	66426	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	38	31	36	11.33	cps
Selenium	82-1	-31	-74	79	-8	-933.78	cps
Silicon	28-1	423206	428377	426008	425864	0.61	cps
Silver	109-1	42	42	33	39	12.38	cps
Silver	107-1	50	25	33	36	35.25	cps
Sodium	23-2	21483	21658	21708	21616	0.55	cps
Strontium	86-1	642	667	742	683	7.62	cps
Strontium	88-1	192	258	225	225	14.82	cps
Sulfur	34-1	488920	488422	484400	487248	0.51	cps
Terbium	159-1	3326859	3326913	3219503	3291092	1.88	cps
Terbium	159-2	1588805	1611000	1573069	1590958	1.20	cps
Thallium	203-1	50	25	33	36	35.25	cps
Thallium	205-1	83	83	108	92	15.74	cps
Tin	118-1	75	192	150	139	42.57	cps
Titanium	47-1	508	375	500	461	16.20	cps
Uranium	238-1	25	25	8	19	49.50	cps
Vanadium	51-2	17	3	17	12	63.01	cps
Yttrium	89-1	3887369	3868805	3804913	3853696	1.12	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:27:35	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	426964	433163	431472	430533	0.74	cps
Zinc	66-2	133	143	143	140	4.16	cps
Zirconium	90-1	258	208	175	214	19.61	cps
Zirconium	91-1	33	75	42	50	44.10	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:30:26	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1234049	1156867	1203590	1198168	3.24	cps
Antimony	121-1	2625	3009	3076	2903	8.37	cps
Arsenic	75-2	26	32	30	29	10.41	cps
Barium	135-1	733	642	1100	825	29.40	cps
Barium	137-1	1033	1375	1609	1339	21.61	cps
Beryllium	9-1	192	206	250	216	14.01	cps
Bismuth	209-1	1900016	1911587	1919531	1910378	0.51	cps
Bismuth	209-2	1154469	1144553	1167311	1155444	0.99	cps
Boron	11-1	3898	3808	3848	3851	1.17	cps
Boron	10-1	746	884	806	812	8.52	cps
Bromine	81-1	2863	3834	3935	3544	16.70	cps
Cadmium	106-1	775	683	800	753	8.16	cps
Cadmium	108-1	358	346	342	349	2.49	cps
Cadmium	111-1	671	632	833	712	15.00	cps
Calcium	43-1	617700	621805	635815	625107	1.52	cps
Calcium	44-1	9918065	10090493	10352209	10120256	2.16	cps
Chromium	52-2	12826	13053	13296	13058	1.80	cps
Cobalt	59-2	1397	1283	1347	1342	4.23	cps
Copper	63-2	7482	7235	7297	7338	1.75	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	17	8	31	103.26	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	40	3	10	18	109.88	cps
Holmium	165-1	3045027	3150781	3200241	3132016	2.53	cps
Holmium	165-2	1615780	1627315	1581127	1608074	1.49	cps
Indium	115-1	2962592	2961239	3013880	2979237	1.01	cps
Indium	115-2	479126	472014	476520	475887	0.76	cps
Iron	54-2	2642198	2618989	2587942	2616376	1.04	cps
Iron	56-2	48637326	47657943	47547697	47947655	1.25	cps
Iron	57-2	1185762	1178044	1171304	1178370	0.61	cps
Krypton	83-1	383	417	403	401	4.18	cps
Lead	207-1	5057	5173	5896	5375	8.46	cps
Lead	208-1	26420	28119	30755	28432	7.68	cps
Lead	206-1	6552	7063	7252	6956	5.21	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 13:30:26 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	845763	861984	861704	856484	1.08	cps
Magnesium	24-2	3731822	3682905	3663196	3692641	0.96	cps
Manganese	55-2	2194	2190	2280	2221	2.30	cps
Molybdenum	94-1	1196814	1210236	1231337	1212796	1.43	cps
Molybdenum	95-1	2054068	2127495	2128706	2103423	2.03	cps
Molybdenum	96-1	2222053	2257730	2290123	2256635	1.51	cps
Molybdenum	97-1	1308937	1331631	1328750	1323106	0.93	cps
Molybdenum	98-1	3307981	3427076	3384855	3373304	1.79	cps
Neodymium	150-1	13	20	40	24	56.78	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1773	1837	1840	1817	2.07	cps
Phosphorus	31-2	88713	86817	86507	87346	1.37	cps
Potassium	39-2	2847377	2856965	2900965	2868436	1.00	cps
Rhodium	103-1	2896699	2860934	2865709	2874447	0.68	cps
Rhodium	103-2	1429370	1419962	1421712	1423682	0.35	cps
Scandium	45-1	2113733	2084264	2135453	2111150	1.22	cps
Scandium	45-2	66155	66218	65987	66120	0.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	36	32	31	33	8.02	cps
Selenium	82-1	27	7	8	14	81.25	cps
Silicon	28-1	497105	495110	497004	496406	0.23	cps
Silver	109-1	108	58	192	119	56.39	cps
Silver	107-1	67	83	183	111	56.79	cps
Sodium	23-2	7274345	7265067	7128786	7222733	1.13	cps
Strontium	86-1	23787	23003	23971	23587	2.18	cps
Strontium	88-1	199019	202961	204913	202298	1.48	cps
Sulfur	34-1	1116762	1110290	1119643	1115565	0.43	cps
Terbium	159-1	3329588	3384398	3398293	3370760	1.08	cps
Terbium	159-2	1618761	1593874	1609731	1607455	0.78	cps
Thallium	203-1	117	58	183	119	52.36	cps
Thallium	205-1	117	183	492	264	75.82	cps
Tin	118-1	558	492	650	567	14.03	cps
Titanium	47-1	645458	651957	666979	654798	1.69	cps
Uranium	238-1	117	133	333	194	62.02	cps
Vanadium	51-2	70	100	87	86	17.57	cps
Yttrium	89-1	3885485	3937310	3823054	3881949	1.47	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:30:26	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	432554	423508	428363	428142	1.06	cps
Zinc	66-2	1693	1739	1979	1804	8.53	cps
Zirconium	90-1	308	142	450	300	51.45	cps
Zirconium	91-1	108	83	50	81	36.33	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:33:14	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1229498	1206331	1167090	1200973	2.63	cps
Antimony	121-1	52761	54116	53463	53447	1.27	cps
Arsenic	75-2	1897	1899	1892	1896	0.19	cps
Barium	135-1	10054	10346	10271	10224	1.48	cps
Barium	137-1	17261	18088	18355	17901	3.18	cps
Beryllium	9-1	11134	11464	11344	11314	1.48	cps
Bismuth	209-1	1983091	1952448	1961640	1965727	0.80	cps
Bismuth	209-2	1151672	1152975	1166904	1157184	0.73	cps
Boron	11-1	15677	17028	17907	16871	6.66	cps
Boron	10-1	3046	3514	3588	3382	8.69	cps
Bromine	81-1	3104	3344	3334	3260	4.17	cps
Cadmium	106-1	2159	1992	2017	2056	4.37	cps
Cadmium	108-1	1242	1142	1092	1158	6.59	cps
Cadmium	111-1	11713	12429	12011	12051	2.99	cps
Calcium	43-1	633670	637558	638593	636607	0.41	cps
Calcium	44-1	10133499	10287630	10358623	10259917	1.12	cps
Chromium	52-2	26354	26074	25950	26126	0.79	cps
Cobalt	59-2	24578	25019	24695	24764	0.92	cps
Copper	63-2	25027	24546	24205	24593	1.68	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	0	50	25	25	100.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	75	75	61	39.37	cps
Gadolinium	160-2	20	13	7	13	49.99	cps
Holmium	165-1	3253773	3143282	3169295	3188783	1.81	cps
Holmium	165-2	1589313	1621448	1582969	1597910	1.29	cps
Indium	115-1	2991101	2996076	3016384	3001187	0.45	cps
Indium	115-2	478521	483177	481577	481092	0.49	cps
Iron	54-2	2697825	2669645	2634058	2667176	1.20	cps
Iron	56-2	49101834	49352562	48342330	48932242	1.08	cps
Iron	57-2	1218588	1206020	1203295	1209301	0.67	cps
Krypton	83-1	440	393	440	424	6.35	cps
Lead	207-1	27056	27073	27897	27342	1.76	cps
Lead	208-1	139327	141337	141721	140795	0.91	cps
Lead	206-1	32552	33716	32847	33039	1.83	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:33:14	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861541	861962	865029	862844	0.22	cps
Magnesium	24-2	3743618	3646048	3738798	3709488	1.48	cps
Manganese	55-2	7612	7979	8059	7883	3.02	cps
Molybdenum	94-1	1359050	1369166	1386486	1371567	1.01	cps
Molybdenum	95-1	2200464	2221273	2271457	2231065	1.64	cps
Molybdenum	96-1	2369699	2350485	2441422	2387202	2.01	cps
Molybdenum	97-1	1362473	1383139	1401754	1382455	1.42	cps
Molybdenum	98-1	3500337	3530576	3558723	3529879	0.83	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	8092	8222	8202	8172	0.86	cps
Phosphorus	31-2	87480	89559	89853	88964	1.45	cps
Potassium	39-2	2921877	2925760	2920875	2922837	0.09	cps
Rhodium	103-1	2902064	2899837	2844300	2882067	1.14	cps
Rhodium	103-2	1426858	1424440	1437490	1429596	0.49	cps
Scandium	45-1	2120871	2145897	2100054	2122274	1.08	cps
Scandium	45-2	65907	66470	66413	66263	0.47	cps
Selenium	77-2	13	17	23	18	28.64	cps
Selenium	78-2	131	104	114	116	11.73	cps
Selenium	82-1	759	784	760	768	1.89	cps
Silicon	28-1	587300	585277	588924	587167	0.31	cps
Silver	109-1	49925	51070	52224	51073	2.25	cps
Silver	107-1	52517	55128	54726	54123	2.60	cps
Sodium	23-2	7289097	7150443	7206780	7215440	0.97	cps
Strontium	86-1	66475	66726	66098	66433	0.48	cps
Strontium	88-1	563044	578682	569594	570440	1.38	cps
Sulfur	34-1	1111264	1125119	1121013	1119132	0.64	cps
Terbium	159-1	3368061	3412763	3336446	3372423	1.14	cps
Terbium	159-2	1594826	1609448	1606112	1603462	0.48	cps
Thallium	203-1	32667	32299	32876	32614	0.90	cps
Thallium	205-1	76116	75252	77615	76328	1.57	cps
Tin	118-1	102423	101828	103137	102462	0.64	cps
Titanium	47-1	672217	680244	683493	678651	0.86	cps
Uranium	238-1	280190	285911	289580	285227	1.66	cps
Vanadium	51-2	10340	9900	9937	10059	2.43	cps
Yttrium	89-1	3886167	3899549	3835154	3873623	0.88	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:33:14	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	429911	430826	429926	430221	0.12	cps
Zinc	66-2	4551	4418	4595	4521	2.03	cps
Zirconium	90-1	232404	229396	232376	231392	0.75	cps
Zirconium	91-1	51320	51646	51027	51331	0.60	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:36:20	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	669601	672732	675501	672611	0.44	cps
Antimony	121-1	1327374	1333399	1318021	1326265	0.58	cps
Arsenic	75-2	47527	47856	47639	47674	0.35	cps
Barium	135-1	1261186	1276487	1253717	1263797	0.92	cps
Barium	137-1	2178284	2262601	2219226	2220037	1.90	cps
Beryllium	9-1	290592	285684	289827	288701	0.91	cps
Bismuth	209-1	1999608	1951321	1991121	1980683	1.30	cps
Bismuth	209-2	1195300	1176726	1175578	1182535	0.94	cps
Boron	11-1	102487	113986	122352	112942	8.83	cps
Boron	10-1	20857	23412	24870	23046	8.82	cps
Bromine	81-1	2503	2413	2383	2433	2.57	cps
Cadmium	106-1	30234	30451	31361	30682	1.95	cps
Cadmium	108-1	21175	21859	21137	21390	1.90	cps
Cadmium	111-1	296136	295175	294168	295160	0.33	cps
Calcium	43-1	1615330	1630680	1667682	1637897	1.64	cps
Calcium	44-1	26394413	26325697	26724664	26481591	0.81	cps
Chromium	52-2	331176	333835	336748	333920	0.83	cps
Cobalt	59-2	600446	598275	602225	600315	0.33	cps
Copper	63-2	4613489	4588880	4565370	4589246	0.52	cps
Dysprosium	156-1	58	75	67	67	12.50	cps
Dysprosium	156-2	47	57	30	44	30.31	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	133	100	75	103	28.48	cps
Gadolinium	160-2	60	60	57	59	3.26	cps
Holmium	165-1	3338574	3208027	3303358	3283319	2.06	cps
Holmium	165-2	1658193	1663659	1663741	1661864	0.19	cps
Indium	115-1	3191597	3059182	3083393	3111391	2.27	cps
Indium	115-2	490246	487093	491638	489659	0.48	cps
Iron	54-2	3433172	3470050	3473491	3458904	0.65	cps
Iron	56-2	63540169	63177104	63234536	63317270	0.31	cps
Iron	57-2	1572430	1571924	1557450	1567268	0.54	cps
Krypton	83-1	407	437	410	418	3.94	cps
Lead	207-1	3047196	3053814	3023007	3041339	0.53	cps
Lead	208-1	15203309	15171696	15121500	15165502	0.27	cps
Lead	206-1	3378450	3371254	3410880	3386861	0.62	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:36:20	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	881107	866177	872888	873390	0.86	cps
Magnesium	24-2	9669223	9903108	9719257	9763862	1.26	cps
Manganese	55-2	1540449	1525374	1540900	1535574	0.58	cps
Molybdenum	94-1	2423153	2368384	2407299	2399612	1.17	cps
Molybdenum	95-1	2952783	2902568	2942250	2932534	0.90	cps
Molybdenum	96-1	3218528	3266257	3241331	3242039	0.74	cps
Molybdenum	97-1	1905446	1880504	1859264	1881738	1.23	cps
Molybdenum	98-1	4655875	4651838	4669639	4659117	0.20	cps
Neodymium	150-1	87	20	33	47	75.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	164506	160831	162752	162696	1.13	cps
Phosphorus	31-2	9170	9395	9086	9217	1.73	cps
Potassium	39-2	3809367	3761413	3837198	3802659	1.01	cps
Rhodium	103-1	2996890	2974791	2981572	2984418	0.38	cps
Rhodium	103-2	1479042	1441746	1451905	1457564	1.32	cps
Scandium	45-1	2192503	2138814	2224666	2185328	1.98	cps
Scandium	45-2	69346	67940	68881	68722	1.04	cps
Selenium	77-2	553	713	567	611	14.53	cps
Selenium	78-2	2136	2053	2111	2100	2.03	cps
Selenium	82-1	20760	20956	20655	20790	0.73	cps
Silicon	28-1	1076797	1097611	1122468	1098959	2.08	cps
Silver	109-1	1377938	1390625	1388076	1385546	0.48	cps
Silver	107-1	1452287	1448264	1466206	1455586	0.65	cps
Sodium	23-2	18418737	18512750	18477916	18469801	0.26	cps
Strontium	86-1	363445	363806	365850	364367	0.36	cps
Strontium	88-1	3150800	3154708	3208143	3171217	1.01	cps
Sulfur	34-1	522099	527716	541468	530428	1.88	cps
Terbium	159-1	3455131	3537318	3509294	3500581	1.19	cps
Terbium	159-2	1668504	1664096	1644481	1659027	0.77	cps
Thallium	203-1	827979	827904	834648	830177	0.47	cps
Thallium	205-1	1979745	1976563	1961965	1972758	0.48	cps
Tin	118-1	887157	865616	881074	877949	1.26	cps
Titanium	47-1	872162	874025	887114	877767	0.93	cps
Uranium	238-1	2564380	2531212	2534701	2543431	0.72	cps
Vanadium	51-2	265873	266242	267150	266422	0.25	cps
Yttrium	89-1	4128515	3983938	4058598	4057017	1.78	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:36:20	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	453681	442594	444750	447008	1.32	cps
Zinc	66-2	639899	634398	632076	635458	0.63	cps
Zirconium	90-1	2058995	2058118	2034413	2050509	0.68	cps
Zirconium	91-1	451459	452983	447234	450558	0.66	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P8
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 13:53:44 DataFile Name : 020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690	608	632	643	6.55	cps
Antimony	121-1	4859	5101	5159	5040	3.16	cps
Arsenic	75-2	101	86	117	101	15.30	cps
Barium	135-1	4476	4576	4301	4451	3.13	cps
Barium	137-1	7844	8044	8778	8222	5.98	cps
Beryllium	9-1	624	548	598	590	6.55	cps
Bismuth	209-1	1915650	1942123	1961061	1939611	1.18	cps
Bismuth	209-2	1163838	1154263	1132074	1150058	1.42	cps
Boron	11-1	6104	6496	7238	6613	8.71	cps
Boron	10-1	1178	1420	1516	1371	12.70	cps
Bromine	81-1	1962	2002	1942	1969	1.55	cps
Cadmium	106-1	883	725	842	817	10.05	cps
Cadmium	108-1	83	63	50	65	25.79	cps
Cadmium	111-1	1181	1014	1138	1111	7.81	cps
Calcium	43-1	3434	3467	3559	3487	1.86	cps
Calcium	44-1	81003	79880	82595	81159	1.68	cps
Chromium	52-2	1977	2044	2077	2032	2.51	cps
Cobalt	59-2	1240	1137	1223	1200	4.62	cps
Copper	63-2	2220	2329	2392	2314	3.77	cps
Dysprosium	156-1	17	50	8	25	88.19	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	58	17	8	28	96.44	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	3070932	3107726	3030370	3069676	1.26	cps
Holmium	165-2	1545636	1582594	1548108	1558779	1.33	cps
Indium	115-1	2912897	2984958	2940323	2946059	1.23	cps
Indium	115-2	473572	478080	463950	471867	1.53	cps
Iron	54-2	1717	1689	1661	1689	1.65	cps
Iron	56-2	27532	26102	26848	26827	2.67	cps
Iron	57-2	844	761	711	772	8.72	cps
Krypton	83-1	413	450	403	422	5.82	cps
Lead	207-1	1622	1495	1406	1508	7.23	cps
Lead	208-1	7840	7815	7959	7871	0.98	cps
Lead	206-1	1589	1711	1778	1693	5.66	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:53:44	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	841206	849554	845743	845501	0.49	cps
Magnesium	24-2	20248	19363	19572	19728	2.34	cps
Manganese	55-2	457	333	340	377	18.42	cps
Molybdenum	94-1	4501	4618	4768	4629	2.89	cps
Molybdenum	95-1	5710	5843	5493	5682	3.11	cps
Molybdenum	96-1	6335	6368	5843	6182	4.76	cps
Molybdenum	97-1	3250	3367	3459	3359	3.11	cps
Molybdenum	98-1	8328	8753	8878	8653	3.33	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	400	400	413	404	1.90	cps
Phosphorus	31-2	92	175	83	117	43.44	cps
Potassium	39-2	32320	30808	31201	31443	2.49	cps
Rhodium	103-1	2911207	2978637	2951409	2947084	1.15	cps
Rhodium	103-2	1451930	1453977	1432352	1446086	0.83	cps
Scandium	45-1	2063224	2124676	2144119	2110673	2.00	cps
Scandium	45-2	65345	66095	65073	65504	0.81	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	53	52	55	53	2.86	cps
Selenium	82-1	209	136	228	191	25.21	cps
Silicon	28-1	451805	445397	445369	447524	0.83	cps
Silver	109-1	2384	3025	2650	2686	12.00	cps
Silver	107-1	2717	2859	2734	2770	2.80	cps
Sodium	23-2	59999	58669	58928	59199	1.19	cps
Strontium	86-1	1533	1325	1283	1381	9.70	cps
Strontium	88-1	5985	6027	6118	6043	1.13	cps
Sulfur	34-1	465540	470410	471210	469053	0.65	cps
Terbium	159-1	3231926	3263505	3274922	3256784	0.68	cps
Terbium	159-2	1601776	1580140	1534937	1572284	2.17	cps
Thallium	203-1	1850	1492	1617	1653	11.00	cps
Thallium	205-1	4001	4226	3901	4042	4.12	cps
Tin	118-1	8620	7911	8161	8230	4.37	cps
Titanium	47-1	1959	2375	2284	2206	9.93	cps
Uranium	238-1	4293	4426	4159	4293	3.11	cps
Vanadium	51-2	2704	2610	2614	2642	2.00	cps
Yttrium	89-1	3782176	3886979	3930147	3866434	1.97	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:53:44	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	428306	429561	422277	426714	0.91	cps
Zinc	66-2	420	394	381	398	4.99	cps
Zirconium	90-1	4234	3826	4084	4048	5.10	cps
Zirconium	91-1	983	783	900	889	11.30	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 13:56:32 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	398	376	372	382	3.67	cps
Antimony	121-1	67	58	117	81	39.17	cps
Arsenic	75-2	5	4	6	5	20.00	cps
Barium	135-1	42	8	33	28	62.46	cps
Barium	137-1	58	17	50	42	52.91	cps
Beryllium	9-1	34	26	44	35	26.02	cps
Bismuth	209-1	1948664	1927716	1943362	1939914	0.56	cps
Bismuth	209-2	1175782	1163008	1157644	1165478	0.80	cps
Boron	11-1	3356	3242	3220	3272	2.23	cps
Boron	10-1	702	650	596	649	8.16	cps
Bromine	81-1	2413	2363	2082	2286	7.79	cps
Cadmium	106-1	767	775	692	744	6.17	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Cadmium	111-1	539	555	499	531	5.39	cps
Calcium	43-1	292	425	358	358	18.60	cps
Calcium	44-1	28145	28295	28470	28303	0.58	cps
Chromium	52-2	860	807	697	788	10.57	cps
Cobalt	59-2	43	37	43	41	9.35	cps
Copper	63-2	428	496	498	474	8.43	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Holmium	165-1	3120589	3119512	3093033	3111045	0.50	cps
Holmium	165-2	1597438	1581425	1585647	1588170	0.52	cps
Indium	115-1	3005144	2972070	2999428	2992214	0.59	cps
Indium	115-2	486201	480598	474230	480343	1.25	cps
Iron	54-2	339	406	356	367	9.46	cps
Iron	56-2	2862	2778	2456	2699	7.94	cps
Iron	57-2	83	89	122	98	21.43	cps
Krypton	83-1	417	487	453	452	7.74	cps
Lead	207-1	456	467	400	441	8.10	cps
Lead	208-1	2117	2278	2106	2167	4.45	cps
Lead	206-1	472	600	489	520	13.35	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:56:32	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	851077	850823	857531	853144	0.45	cps
Magnesium	24-2	408	408	525	447	15.06	cps
Manganese	55-2	73	73	87	78	9.90	cps
Molybdenum	94-1	67	67	133	89	43.30	cps
Molybdenum	95-1	50	100	42	64	49.38	cps
Molybdenum	96-1	108	83	142	111	26.34	cps
Molybdenum	97-1	33	8	17	19	65.47	cps
Molybdenum	98-1	42	25	50	39	32.73	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	107	87	90	94	11.35	cps
Phosphorus	31-2	125	92	167	128	29.41	cps
Potassium	39-2	17653	17086	17594	17444	1.79	cps
Rhodium	103-1	2958241	2937609	2924383	2940078	0.58	cps
Rhodium	103-2	1460066	1448054	1433671	1447264	0.91	cps
Scandium	45-1	2111997	2102012	2091360	2101790	0.49	cps
Scandium	45-2	66339	66446	65776	66187	0.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	33	35	34	3.36	cps
Selenium	82-1	-9	-63	-60	-44	-68.49	cps
Silicon	28-1	435793	429633	431979	432468	0.72	cps
Silver	109-1	50	8	42	33	66.15	cps
Silver	107-1	42	42	25	36	26.65	cps
Sodium	23-2	22710	22418	21892	22340	1.86	cps
Strontium	86-1	567	675	675	639	9.79	cps
Strontium	88-1	225	217	250	231	7.52	cps
Sulfur	34-1	471268	474499	472066	472611	0.36	cps
Terbium	159-1	3344004	3297848	3306914	3316255	0.74	cps
Terbium	159-2	1600688	1612703	1560227	1591206	1.73	cps
Thallium	203-1	92	67	83	81	15.80	cps
Thallium	205-1	208	275	200	228	18.05	cps
Tin	118-1	233	125	83	147	52.59	cps
Titanium	47-1	467	425	300	397	21.84	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	23	10	20	18	39.03	cps
Yttrium	89-1	3785749	3821414	3934809	3847324	2.02	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:56:32	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	432948	428196	425216	428787	0.91	cps
Zinc	66-2	116	107	160	128	22.19	cps
Zirconium	90-1	200	208	150	186	16.95	cps
Zirconium	91-1	42	33	75	50	44.10	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 13:59:23 DataFile Name : 022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	568	564	654	595	8.54	cps
Antimony	121-1	4576	4893	4634	4701	3.59	cps
Arsenic	75-2	104	97	92	98	6.17	cps
Barium	135-1	4834	4526	4401	4587	4.86	cps
Barium	137-1	7969	8311	7978	8086	2.41	cps
Beryllium	9-1	530	524	548	534	2.34	cps
Bismuth	209-1	1956806	1959260	1962342	1959469	0.14	cps
Bismuth	209-2	1155250	1166154	1152864	1158089	0.61	cps
Boron	11-1	5868	6536	7136	6514	9.74	cps
Boron	10-1	1194	1338	1502	1344	11.46	cps
Bromine	81-1	2543	2022	2122	2229	12.39	cps
Cadmium	106-1	1008	900	883	931	7.29	cps
Cadmium	108-1	46	54	25	42	36.06	cps
Cadmium	111-1	1340	1080	1130	1183	11.69	cps
Calcium	43-1	3125	3367	3317	3270	3.90	cps
Calcium	44-1	79846	80148	79126	79707	0.66	cps
Chromium	52-2	1967	2130	2107	2068	4.27	cps
Cobalt	59-2	1237	1117	1187	1180	5.11	cps
Copper	63-2	2502	2192	2127	2274	8.81	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	3	13	0	6	124.93	cps
Holmium	165-1	3082162	3165832	3153616	3133870	1.44	cps
Holmium	165-2	1578408	1604349	1567553	1583437	1.19	cps
Indium	115-1	2966636	3065952	2991990	3008193	1.72	cps
Indium	115-2	475551	479894	478894	478113	0.48	cps
Iron	54-2	1800	1617	1550	1656	7.82	cps
Iron	56-2	26174	26191	26586	26317	0.89	cps
Iron	57-2	650	711	794	719	10.09	cps
Krypton	83-1	407	370	577	451	24.44	cps
Lead	207-1	1428	1400	1633	1487	8.57	cps
Lead	208-1	7465	7379	7884	7576	3.57	cps
Lead	206-1	1678	1522	1839	1680	9.43	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:59:23	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	843114	844376	856813	848101	0.89	cps
Magnesium	24-2	19055	18729	18721	18835	1.01	cps
Manganese	55-2	340	330	390	353	9.10	cps
Molybdenum	94-1	4568	4059	4793	4473	8.40	cps
Molybdenum	95-1	5393	5276	5685	5451	3.86	cps
Molybdenum	96-1	6193	5910	6377	6160	3.82	cps
Molybdenum	97-1	3067	3484	3284	3278	6.36	cps
Molybdenum	98-1	8553	8870	8645	8689	1.88	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	417	413	377	402	5.52	cps
Phosphorus	31-2	92	100	108	100	8.33	cps
Potassium	39-2	31627	31468	31134	31410	0.80	cps
Rhodium	103-1	2961548	2985183	2979464	2975398	0.41	cps
Rhodium	103-2	1458396	1458807	1443362	1453521	0.61	cps
Scandium	45-1	2126357	2108109	2139647	2124704	0.75	cps
Scandium	45-2	66392	66325	66496	66405	0.13	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	63	50	42	52	20.52	cps
Selenium	82-1	206	246	73	175	51.88	cps
Silicon	28-1	450776	450240	450211	450409	0.07	cps
Silver	109-1	2700	2659	2484	2614	4.40	cps
Silver	107-1	2775	2909	2767	2817	2.82	cps
Sodium	23-2	59103	58869	57765	58579	1.22	cps
Strontium	86-1	1383	1475	1292	1383	6.63	cps
Strontium	88-1	5926	6235	6035	6065	2.58	cps
Sulfur	34-1	474498	473389	477141	475010	0.41	cps
Terbium	159-1	3331258	3357182	3368976	3352472	0.58	cps
Terbium	159-2	1619367	1614932	1588568	1607622	1.04	cps
Thallium	203-1	1692	1517	1608	1606	5.45	cps
Thallium	205-1	3676	4067	3584	3776	6.80	cps
Tin	118-1	7936	8636	8128	8233	4.40	cps
Titanium	47-1	1992	2134	1967	2031	4.43	cps
Uranium	238-1	4092	4418	4476	4329	4.77	cps
Vanadium	51-2	2650	2417	2464	2510	4.92	cps
Yttrium	89-1	3918145	3863543	3943433	3908374	1.04	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 13:59:23	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	431126	432263	430090	431160	0.25	cps
Zinc	66-2	437	429	382	416	7.13	cps
Zirconium	90-1	3851	3809	4276	3978	6.49	cps
Zirconium	91-1	1067	842	750	886	18.39	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BL	Instrumnet Name :	P8
Client Sample ID :	PB129599BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:02:11	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	392	378	390	2.86	cps
Antimony	121-1	33	58	17	36	58.07	cps
Arsenic	75-2	0	8	8	5	86.60	cps
Barium	135-1	0	33	25	19	89.21	cps
Barium	137-1	67	17	50	44	57.28	cps
Beryllium	9-1	42	58	28	43	35.19	cps
Bismuth	209-1	1960989	1948773	1953916	1954560	0.31	cps
Bismuth	209-2	1150597	1168179	1174846	1164541	1.08	cps
Boron	11-1	3272	3030	2894	3065	6.25	cps
Boron	10-1	714	662	570	649	11.24	cps
Bromine	81-1	2313	1932	2533	2259	13.45	cps
Cadmium	106-1	858	767	933	853	9.79	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Cadmium	111-1	602	536	656	598	10.01	cps
Calcium	43-1	283	308	258	283	8.82	cps
Calcium	44-1	29598	27235	28404	28412	4.16	cps
Chromium	52-2	743	793	727	754	4.60	cps
Cobalt	59-2	23	33	27	28	18.33	cps
Copper	63-2	418	416	392	409	3.50	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	17	25	0	14	91.65	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	3120571	3139874	3140502	3133649	0.36	cps
Holmium	165-2	1579709	1577567	1582466	1579914	0.16	cps
Indium	115-1	3059878	3023519	3046888	3043428	0.61	cps
Indium	115-2	478730	479886	478158	478925	0.18	cps
Iron	54-2	328	428	300	352	19.10	cps
Iron	56-2	2506	2767	2661	2645	4.97	cps
Iron	57-2	67	83	106	85	22.90	cps
Krypton	83-1	440	427	423	430	2.05	cps
Lead	207-1	389	378	272	346	18.59	cps
Lead	208-1	1883	1956	1586	1808	10.83	cps
Lead	206-1	406	456	406	422	6.84	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BL	Instrumnet Name :	P8
Client Sample ID :	PB129599BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:02:11	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	848763	858247	857649	854886	0.62	cps
Magnesium	24-2	350	417	300	356	16.46	cps
Manganese	55-2	77	67	93	79	17.07	cps
Molybdenum	94-1	33	142	108	94	58.75	cps
Molybdenum	95-1	17	67	8	31	103.26	cps
Molybdenum	96-1	83	158	125	122	30.74	cps
Molybdenum	97-1	42	25	8	25	66.68	cps
Molybdenum	98-1	0	17	17	11	86.60	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	73	93	87	13.32	cps
Phosphorus	31-2	108	92	142	114	22.35	cps
Potassium	39-2	17135	17269	17219	17208	0.39	cps
Rhodium	103-1	2969375	2935770	2979227	2961458	0.77	cps
Rhodium	103-2	1422103	1471261	1468935	1454100	1.91	cps
Scandium	45-1	2076751	2147426	2166908	2130362	2.23	cps
Scandium	45-2	66316	66064	67451	66610	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	44	33	38	14.65	cps
Selenium	82-1	-39	0	-43	-27	-88.53	cps
Silicon	28-1	426468	426164	431895	428176	0.75	cps
Silver	109-1	58	8	42	36	70.51	cps
Silver	107-1	50	50	33	44	21.66	cps
Sodium	23-2	22626	22510	22418	22518	0.46	cps
Strontium	86-1	708	692	617	672	7.26	cps
Strontium	88-1	200	183	242	208	14.42	cps
Sulfur	34-1	472088	476100	476057	474749	0.49	cps
Terbium	159-1	3347343	3316967	3371759	3345357	0.82	cps
Terbium	159-2	1587075	1569267	1596817	1584386	0.88	cps
Thallium	203-1	75	58	33	56	37.75	cps
Thallium	205-1	208	142	125	158	27.85	cps
Tin	118-1	158	208	100	156	34.86	cps
Titanium	47-1	492	492	583	522	10.13	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	3906111	3840383	3909846	3885447	1.01	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BL	Instrumnet Name :	P8
Client Sample ID :	PB129599BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:02:11	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	424603	431329	428886	428272	0.79	cps
Zinc	66-2	120	97	113	110	10.91	cps
Zirconium	90-1	183	225	167	192	15.68	cps
Zirconium	91-1	50	33	58	47	26.96	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : PB129599BS Instrumnet Name : P8
 Client Sample ID : PB129599BS Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:05:02 DataFile Name : 024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138271	138164	134812	137082	1.43	cps
Antimony	121-1	1326105	1337633	1340741	1334826	0.58	cps
Arsenic	75-2	47970	47549	48289	47936	0.77	cps
Barium	135-1	1247104	1258480	1238491	1248025	0.80	cps
Barium	137-1	2220012	2212790	2181271	2204691	0.93	cps
Beryllium	9-1	286530	287700	286947	287059	0.21	cps
Bismuth	209-1	2015194	2005512	2033382	2018030	0.70	cps
Bismuth	209-2	1197584	1201920	1214420	1204641	0.73	cps
Boron	11-1	85464	100286	108077	97942	11.73	cps
Boron	10-1	17527	19703	22070	19767	11.50	cps
Bromine	81-1	1922	2263	2022	2069	8.46	cps
Cadmium	106-1	31846	31495	32932	32091	2.33	cps
Cadmium	108-1	20812	21488	21308	21202	1.65	cps
Cadmium	111-1	301807	302700	302687	302398	0.17	cps
Calcium	43-1	337408	337670	342908	339329	0.91	cps
Calcium	44-1	5490482	5388186	5518718	5465796	1.26	cps
Chromium	52-2	335681	330673	331834	332729	0.79	cps
Cobalt	59-2	605764	602996	608162	605640	0.43	cps
Copper	63-2	4739903	4630970	4696044	4688972	1.17	cps
Dysprosium	156-1	42	83	42	56	43.30	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	75	67	33	58	37.80	cps
Gadolinium	160-2	30	43	20	31	37.62	cps
Holmium	165-1	3295231	3348440	3257253	3300308	1.39	cps
Holmium	165-2	1614493	1607643	1675368	1632501	2.28	cps
Indium	115-1	3454625	3489776	3469220	3471207	0.51	cps
Indium	115-2	544806	543021	545430	544419	0.23	cps
Iron	54-2	709648	707686	715132	710822	0.54	cps
Iron	56-2	13115567	12993429	13068659	13059219	0.47	cps
Iron	57-2	323136	318022	325017	322058	1.12	cps
Krypton	83-1	453	450	460	454	1.12	cps
Lead	207-1	3098641	3130050	3089094	3105929	0.69	cps
Lead	208-1	15312925	15342275	15276920	15310707	0.21	cps
Lead	206-1	3406634	3389692	3437929	3411418	0.72	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BS	Instrumnet Name :	P8
Client Sample ID :	PB129599BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:05:02	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	884406	883708	892070	886728	0.52	cps
Magnesium	24-2	2120285	2021942	2064290	2068839	2.38	cps
Manganese	55-2	1562577	1539661	1551534	1551257	0.74	cps
Molybdenum	94-1	2447653	2430089	2408849	2428864	0.80	cps
Molybdenum	95-1	2991423	2974797	2941849	2969356	0.85	cps
Molybdenum	96-1	3237887	3230323	3249666	3239292	0.30	cps
Molybdenum	97-1	1857606	1859452	1920459	1879172	1.90	cps
Molybdenum	98-1	4564111	4685412	4641099	4630207	1.33	cps
Neodymium	150-1	80	67	60	69	14.78	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	168954	165304	167648	167302	1.11	cps
Phosphorus	31-2	9653	9453	9487	9531	1.12	cps
Potassium	39-2	794988	796169	793301	794819	0.18	cps
Rhodium	103-1	3057690	3038796	3096627	3064371	0.96	cps
Rhodium	103-2	1477538	1497987	1470629	1482051	0.96	cps
Scandium	45-1	2162673	2225347	2186642	2191554	1.44	cps
Scandium	45-2	68365	68140	69052	68519	0.69	cps
Selenium	77-2	573	623	610	602	4.30	cps
Selenium	78-2	2106	2138	2125	2123	0.76	cps
Selenium	82-1	20508	20662	20807	20659	0.72	cps
Silicon	28-1	1387495	1555138	1675634	1539422	9.40	cps
Silver	109-1	1402806	1420368	1413854	1412343	0.63	cps
Silver	107-1	1462738	1498938	1493092	1484923	1.31	cps
Sodium	23-2	3891843	3905889	3953912	3917215	0.83	cps
Strontium	86-1	360373	359281	357871	359175	0.35	cps
Strontium	88-1	3131147	3172316	3102459	3135308	1.12	cps
Sulfur	34-1	577310	577952	574890	576717	0.28	cps
Terbium	159-1	3472491	3528611	3534087	3511730	0.97	cps
Terbium	159-2	1669789	1652922	1671269	1664660	0.61	cps
Thallium	203-1	830596	845658	830270	835508	1.05	cps
Thallium	205-1	1930314	1965893	1979645	1958617	1.30	cps
Tin	118-1	889500	896657	893210	893122	0.40	cps
Titanium	47-1	860257	872482	866885	866541	0.71	cps
Uranium	238-1	2477449	2494321	2503569	2491780	0.53	cps
Vanadium	51-2	267703	265010	266722	266478	0.51	cps
Yttrium	89-1	4030095	4097300	4027252	4051549	0.98	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129599BS	Instrumnet Name :	P8
Client Sample ID :	PB129599BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:05:02	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	442716	444883	445896	444498	0.37	cps
Zinc	66-2	652451	643990	650588	649010	0.69	cps
Zirconium	90-1	1995130	2078809	2022542	2032160	2.10	cps
Zirconium	91-1	442397	457388	449289	449691	1.67	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:07:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	534	436	506	492	10.26	cps
Antimony	121-1	408	383	400	397	3.20	cps
Arsenic	75-2	45	61	58	55	15.57	cps
Barium	135-1	24832	24406	25057	24765	1.34	cps
Barium	137-1	42350	42969	43612	42977	1.47	cps
Beryllium	9-1	92	82	76	83	9.70	cps
Bismuth	209-1	1995583	2030508	1992471	2006187	1.05	cps
Bismuth	209-2	1196920	1199576	1190199	1195565	0.40	cps
Boron	11-1	226031	255686	275328	252349	9.83	cps
Boron	10-1	43985	49880	54614	49493	10.76	cps
Bromine	81-1	181258	200971	211026	197752	7.66	cps
Cadmium	106-1	900	875	833	870	3.87	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Cadmium	111-1	638	634	594	622	3.92	cps
Calcium	43-1	1051125	1065595	1071064	1062595	0.97	cps
Calcium	44-1	16776239	17367320	17405786	17183115	2.05	cps
Chromium	52-2	21813	22304	21853	21990	1.24	cps
Cobalt	59-2	473	440	400	438	8.39	cps
Copper	63-2	1797	1862	1889	1849	2.56	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	23	3	10	12	83.33	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	20	17	7	14	48.02	cps
Holmium	165-1	3266474	3286674	3303771	3285640	0.57	cps
Holmium	165-2	1664655	1705391	1633153	1667733	2.17	cps
Indium	115-1	3098442	3108688	3112253	3106461	0.23	cps
Indium	115-2	491460	496886	492260	493535	0.59	cps
Iron	54-2	22546	21722	21177	21815	3.16	cps
Iron	56-2	383067	382539	381598	382401	0.19	cps
Iron	57-2	9398	9464	10093	9652	3.97	cps
Krypton	83-1	407	400	427	411	3.38	cps
Lead	207-1	711	722	689	707	2.40	cps
Lead	208-1	3739	3689	3761	3730	0.99	cps
Lead	206-1	850	878	761	830	7.35	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:07:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	872750	870194	878691	873878	0.50	cps
Magnesium	24-2	605981	608287	605568	606612	0.24	cps
Manganese	55-2	9256	9203	9096	9185	0.89	cps
Molybdenum	94-1	867	900	850	872	2.92	cps
Molybdenum	95-1	1033	1225	1325	1195	12.41	cps
Molybdenum	96-1	1608	1275	1342	1408	12.53	cps
Molybdenum	97-1	758	775	617	717	12.14	cps
Molybdenum	98-1	2025	1642	1884	1850	10.48	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	14571	14518	14461	14516	0.38	cps
Phosphorus	31-2	117	67	75	86	31.11	cps
Potassium	39-2	64160	67039	66286	65828	2.27	cps
Rhodium	103-1	3001935	3025755	3040061	3022584	0.64	cps
Rhodium	103-2	1474446	1485471	1469077	1476331	0.57	cps
Scandium	45-1	2198683	2209668	2190253	2199535	0.44	cps
Scandium	45-2	68737	69514	68442	68898	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	22	33	39	31	27.52	cps
Selenium	82-1	-33	51	18	12	351.35	cps
Silicon	28-1	21352485	21221687	21512534	21362236	0.68	cps
Silver	109-1	75	133	67	92	39.63	cps
Silver	107-1	100	125	133	119	14.53	cps
Sodium	23-2	19489563	19596847	19749806	19612072	0.67	cps
Strontium	86-1	581058	588667	587560	585761	0.70	cps
Strontium	88-1	5037432	5011811	5031777	5027007	0.27	cps
Sulfur	34-1	946379	949273	959018	951556	0.70	cps
Terbium	159-1	3449332	3514106	3439835	3467758	1.17	cps
Terbium	159-2	1674284	1695059	1632951	1667431	1.90	cps
Thallium	203-1	383	283	433	367	20.83	cps
Thallium	205-1	1067	1092	925	1028	8.75	cps
Tin	118-1	233	292	267	264	11.09	cps
Titanium	47-1	708	550	542	600	15.65	cps
Uranium	238-1	17471	19357	19073	18634	5.46	cps
Vanadium	51-2	4397	4317	4277	4331	1.41	cps
Yttrium	89-1	4104836	4125283	4060774	4096964	0.80	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:07:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	440041	448010	438582	442211	1.15	cps
Zinc	66-2	793	727	861	793	8.43	cps
Zirconium	90-1	592	492	425	503	16.69	cps
Zirconium	91-1	75	133	108	106	27.73	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-09DUP Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610DL Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:10:41 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	524	446	436	469	10.28	cps
Antimony	121-1	300	292	150	247	34.10	cps
Arsenic	75-2	46	49	47	47	3.24	cps
Barium	135-1	24706	25725	24590	25007	2.50	cps
Barium	137-1	43119	44641	44273	44011	1.80	cps
Beryllium	9-1	84	62	70	72	15.46	cps
Bismuth	209-1	2003870	2010524	1976867	1997087	0.89	cps
Bismuth	209-2	1197268	1212110	1210400	1206593	0.67	cps
Boron	11-1	243180	273366	288876	268474	8.66	cps
Boron	10-1	47813	53642	56514	52657	8.42	cps
Bromine	81-1	195508	216005	229031	213515	7.91	cps
Cadmium	106-1	850	942	850	881	6.01	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	598	674	614	629	6.41	cps
Calcium	43-1	1056752	1078802	1075173	1070242	1.10	cps
Calcium	44-1	17189950	17414838	17282529	17295772	0.65	cps
Chromium	52-2	21997	22892	21950	22280	2.38	cps
Cobalt	59-2	467	533	383	461	16.30	cps
Copper	63-2	1776	1777	1403	1652	13.08	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	13	13	0	9	86.60	cps
Gadolinium	160-1	58	25	33	39	44.61	cps
Gadolinium	160-2	30	30	13	24	39.37	cps
Holmium	165-1	3264608	3222719	3198788	3228705	1.03	cps
Holmium	165-2	1704340	1696511	1687295	1696049	0.50	cps
Indium	115-1	3188106	3155935	3132680	3158907	0.88	cps
Indium	115-2	505484	509369	504323	506392	0.52	cps
Iron	54-2	22946	21611	21756	22104	3.32	cps
Iron	56-2	391630	392691	386958	390426	0.78	cps
Iron	57-2	9859	9753	9737	9783	0.68	cps
Krypton	83-1	380	400	403	394	3.20	cps
Lead	207-1	617	522	611	583	9.09	cps
Lead	208-1	3314	3200	3222	3246	1.86	cps
Lead	206-1	683	828	706	739	10.53	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09DUP	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610DL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:10:41	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	871254	870622	864610	868829	0.42	cps
Magnesium	24-2	617474	615810	609246	614177	0.71	cps
Manganese	55-2	9410	8983	9543	9312	3.14	cps
Molybdenum	94-1	742	850	767	786	7.22	cps
Molybdenum	95-1	1075	1233	1083	1131	7.88	cps
Molybdenum	96-1	1250	1383	1325	1320	5.07	cps
Molybdenum	97-1	525	658	658	614	12.54	cps
Molybdenum	98-1	1575	1809	1475	1620	10.56	cps
Neodymium	150-1	47	27	20	31	44.61	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	14701	14688	14815	14734	0.47	cps
Phosphorus	31-2	125	75	117	106	25.38	cps
Potassium	39-2	67148	66947	66269	66788	0.69	cps
Rhodium	103-1	3052461	3093927	2998561	3048316	1.57	cps
Rhodium	103-2	1499652	1505261	1518962	1507958	0.66	cps
Scandium	45-1	2254302	2220792	2218875	2231323	0.89	cps
Scandium	45-2	70790	70646	69681	70372	0.86	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	40	45	35	40	12.50	cps
Selenium	82-1	43	57	50	50	13.35	cps
Silicon	28-1	21215231	21610227	21672414	21499290	1.15	cps
Silver	109-1	83	50	50	61	31.50	cps
Silver	107-1	100	100	117	106	9.12	cps
Sodium	23-2	19588603	19624047	19699294	19637314	0.29	cps
Strontium	86-1	576693	582865	584349	581302	0.70	cps
Strontium	88-1	4996412	5069929	5047341	5037894	0.75	cps
Sulfur	34-1	939809	954954	957095	950619	0.99	cps
Terbium	159-1	3477626	3562524	3450427	3496859	1.67	cps
Terbium	159-2	1678263	1648893	1693968	1673708	1.37	cps
Thallium	203-1	150	108	100	119	22.43	cps
Thallium	205-1	375	292	275	314	17.07	cps
Tin	118-1	217	258	192	222	15.15	cps
Titanium	47-1	658	633	725	672	7.05	cps
Uranium	238-1	17287	18255	18339	17960	3.25	cps
Vanadium	51-2	4271	4327	4641	4413	4.52	cps
Yttrium	89-1	4069804	4077031	4093678	4080171	0.30	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09DUP	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610DL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:10:41	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	449256	453385	455649	452763	0.72	cps
Zinc	66-2	847	717	827	797	8.81	cps
Zirconium	90-1	400	492	500	464	11.96	cps
Zirconium	91-1	50	100	75	75	33.33	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09LX5	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:13:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352	420	370	381	9.26	cps
Antimony	121-1	100	117	100	106	9.12	cps
Arsenic	75-2	10	13	10	11	15.75	cps
Barium	135-1	4543	4759	4759	4687	2.67	cps
Barium	137-1	8153	8570	9295	8672	6.67	cps
Beryllium	9-1	52	50	40	47	13.59	cps
Bismuth	209-1	1957701	1982862	1972710	1971091	0.64	cps
Bismuth	209-2	1190839	1184222	1176587	1183883	0.60	cps
Boron	11-1	77579	79979	81730	79763	2.61	cps
Boron	10-1	15053	15539	16104	15565	3.38	cps
Bromine	81-1	50331	52320	54601	52417	4.08	cps
Cadmium	106-1	983	775	992	917	13.39	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Cadmium	111-1	705	545	719	656	14.74	cps
Calcium	43-1	205182	209601	208210	207664	1.09	cps
Calcium	44-1	3390280	3473558	3402261	3422033	1.32	cps
Chromium	52-2	4908	4838	4991	4912	1.56	cps
Cobalt	59-2	127	97	97	107	16.24	cps
Copper	63-2	913	985	1037	978	6.35	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	3168631	3157903	3190446	3172327	0.52	cps
Holmium	165-2	1623558	1607827	1636257	1622547	0.88	cps
Indium	115-1	3050894	3013773	3151161	3071943	2.31	cps
Indium	115-2	492013	494727	490586	492442	0.43	cps
Iron	54-2	4267	4073	4329	4223	3.16	cps
Iron	56-2	77716	78157	78889	78254	0.76	cps
Iron	57-2	1933	1945	1978	1952	1.19	cps
Krypton	83-1	347	410	477	411	15.81	cps
Lead	207-1	617	444	544	535	16.16	cps
Lead	208-1	2814	2695	2678	2729	2.72	cps
Lead	206-1	561	567	578	569	1.49	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09LX5	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:13:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	857685	856552	849724	854654	0.50	cps
Magnesium	24-2	120950	120698	119068	120239	0.85	cps
Manganese	55-2	2140	1810	1893	1948	8.81	cps
Molybdenum	94-1	117	167	208	164	28.00	cps
Molybdenum	95-1	242	225	333	267	21.88	cps
Molybdenum	96-1	242	233	342	272	22.15	cps
Molybdenum	97-1	183	175	108	156	26.43	cps
Molybdenum	98-1	408	375	367	383	5.75	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	3080	2937	2984	3000	2.44	cps
Phosphorus	31-2	108	117	142	122	14.19	cps
Potassium	39-2	26942	26842	26324	26703	1.24	cps
Rhodium	103-1	3025485	3054434	3027729	3035883	0.53	cps
Rhodium	103-2	1486109	1496944	1461708	1481587	1.22	cps
Scandium	45-1	2130551	2172949	2174546	2159349	1.16	cps
Scandium	45-2	68402	68318	67581	68100	0.66	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	31	30	33	31	4.88	cps
Selenium	82-1	90	-20	-53	6	1304.78	cps
Silicon	28-1	4492884	4545328	4557709	4531974	0.76	cps
Silver	109-1	83	92	83	86	5.58	cps
Silver	107-1	100	42	100	81	41.81	cps
Sodium	23-2	3937693	3914991	3850562	3901082	1.16	cps
Strontium	86-1	112055	117785	114232	114691	2.52	cps
Strontium	88-1	978399	981146	996184	985243	0.97	cps
Sulfur	34-1	553741	549621	555965	553109	0.58	cps
Terbium	159-1	3388976	3397467	3403427	3396623	0.21	cps
Terbium	159-2	1660977	1655960	1635822	1650919	0.81	cps
Thallium	203-1	92	42	50	61	43.83	cps
Thallium	205-1	175	175	208	186	10.34	cps
Tin	118-1	217	142	200	186	21.16	cps
Titanium	47-1	542	442	442	475	12.15	cps
Uranium	238-1	3717	3559	3175	3484	8.00	cps
Vanadium	51-2	833	853	697	794	10.73	cps
Yttrium	89-1	3974339	4004174	3995566	3991360	0.38	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09LX5	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:13:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	442773	446380	440388	443180	0.68	cps
Zinc	66-2	288	281	370	313	15.67	cps
Zirconium	90-1	167	233	367	256	39.85	cps
Zirconium	91-1	42	58	67	56	22.91	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-10 Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610M Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:16:20 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125871	127494	125679	126348	0.79	cps
Antimony	121-1	1306200	1352596	1356131	1338309	2.08	cps
Arsenic	75-2	50747	51252	50904	50968	0.51	cps
Barium	135-1	1228377	1248411	1246848	1241212	0.90	cps
Barium	137-1	2178854	2194555	2183876	2185762	0.37	cps
Beryllium	9-1	288303	289941	286750	288331	0.55	cps
Bismuth	209-1	1989130	1950647	1967283	1969020	0.98	cps
Bismuth	209-2	1177744	1199534	1182349	1186543	0.97	cps
Boron	11-1	327334	364347	392494	361392	9.04	cps
Boron	10-1	65411	72514	76174	71366	7.67	cps
Bromine	81-1	181249	197276	214003	197509	8.29	cps
Cadmium	106-1	31654	31520	30401	31191	2.21	cps
Cadmium	108-1	20649	21045	21317	21004	1.60	cps
Cadmium	111-1	300029	298122	301033	299728	0.49	cps
Calcium	43-1	1421701	1458385	1432041	1437376	1.32	cps
Calcium	44-1	23410665	23578636	23502134	23497145	0.36	cps
Chromium	52-2	361143	363178	358892	361071	0.59	cps
Cobalt	59-2	620853	620561	621623	621012	0.09	cps
Copper	63-2	857649	862738	860469	860285	0.30	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	27	27	13	22	34.66	cps
Erbium	164-1	25	33	67	42	52.92	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	30	37	33	33	10.01	cps
Holmium	165-1	3269506	3236102	3302676	3269428	1.02	cps
Holmium	165-2	1666019	1643364	1675592	1661658	1.00	cps
Indium	115-1	3094589	3098961	3095549	3096367	0.07	cps
Indium	115-2	495309	496164	497432	496302	0.22	cps
Iron	54-2	712803	719911	712398	715037	0.59	cps
Iron	56-2	13164406	13054659	13098735	13105933	0.42	cps
Iron	57-2	321849	325742	321436	323009	0.74	cps
Krypton	83-1	390	353	423	389	9.00	cps
Lead	207-1	623063	617861	617662	619528	0.49	cps
Lead	208-1	3101898	3094898	3098958	3098585	0.11	cps
Lead	206-1	681504	692207	683468	685726	0.83	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-10	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:16:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861747	862579	857366	860564	0.33	cps
Magnesium	24-2	2601119	2636085	2560673	2599292	1.45	cps
Manganese	55-2	311104	312205	312112	311807	0.20	cps
Molybdenum	94-1	2396711	2442075	2460853	2433213	1.36	cps
Molybdenum	95-1	2896395	2960447	2964936	2940593	1.30	cps
Molybdenum	96-1	3236438	3264825	3268478	3256580	0.54	cps
Molybdenum	97-1	1851042	1839203	1868853	1853033	0.81	cps
Molybdenum	98-1	4566089	4562918	4653211	4594073	1.12	cps
Neodymium	150-1	33	60	27	40	44.09	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	186044	184028	183805	184625	0.67	cps
Phosphorus	31-2	100	133	133	122	15.75	cps
Potassium	39-2	825851	833679	830281	829937	0.47	cps
Rhodium	103-1	2979126	2923320	2996890	2966446	1.29	cps
Rhodium	103-2	1490649	1471382	1463106	1475046	0.96	cps
Scandium	45-1	2219750	2190462	2208321	2206178	0.67	cps
Scandium	45-2	70659	70944	69022	70208	1.48	cps
Selenium	77-2	627	677	590	631	6.89	cps
Selenium	78-2	2154	2200	2140	2165	1.45	cps
Selenium	82-1	20660	21172	21150	20994	1.38	cps
Silicon	28-1	22118712	21964140	21732411	21938421	0.89	cps
Silver	109-1	69209	67474	68562	68415	1.28	cps
Silver	107-1	677330	285161	72072	344854	89.03	cps
Sodium	23-2	23199533	23072729	23094163	23122141	0.29	cps
Strontium	86-1	942760	954005	946768	947844	0.60	cps
Strontium	88-1	8103619	8269433	8171811	8181621	1.02	cps
Sulfur	34-1	950065	944285	943319	945890	0.39	cps
Terbium	159-1	3439171	3400357	3438633	3426054	0.65	cps
Terbium	159-2	1669419	1667528	1663521	1666823	0.18	cps
Thallium	203-1	824349	831560	843085	832998	1.13	cps
Thallium	205-1	1980131	1969584	1966236	1971984	0.37	cps
Tin	118-1	821207	819981	810263	817151	0.73	cps
Titanium	47-1	843956	851066	866464	853829	1.35	cps
Uranium	238-1	2540854	2554643	2526407	2540635	0.56	cps
Vanadium	51-2	279076	280644	282455	280725	0.60	cps
Yttrium	89-1	4042308	4034220	4058744	4045090	0.31	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-10	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:16:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	454514	451591	449926	452010	0.51	cps
Zinc	66-2	125335	125145	124112	124864	0.53	cps
Zirconium	90-1	2032193	2039425	2097517	2056378	1.74	cps
Zirconium	91-1	448938	449094	458100	452044	1.16	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : L2993-11 Instrumnet Name : P8
 Client Sample ID : SS043MW014-200610M Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:19:08 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124565	124538	124582	124562	0.02	cps
Antimony	121-1	1344779	1334886	1338937	1339534	0.37	cps
Arsenic	75-2	50205	51016	50113	50444	0.98	cps
Barium	135-1	1221833	1247717	1232072	1233874	1.06	cps
Barium	137-1	2145320	2191356	2223922	2186866	1.81	cps
Beryllium	9-1	282484	286301	287002	285262	0.85	cps
Bismuth	209-1	2005494	2025257	2000280	2010344	0.66	cps
Bismuth	209-2	1177156	1210375	1200051	1195861	1.42	cps
Boron	11-1	356661	393533	418677	389624	8.01	cps
Boron	10-1	69977	77406	82665	76683	8.31	cps
Bromine	81-1	197983	214390	226318	212897	6.68	cps
Cadmium	106-1	30735	31370	30067	30724	2.12	cps
Cadmium	108-1	21342	20962	21780	21361	1.92	cps
Cadmium	111-1	296475	303247	298802	299508	1.15	cps
Calcium	43-1	1405079	1424199	1424848	1418042	0.79	cps
Calcium	44-1	22987863	23305454	23329178	23207498	0.82	cps
Chromium	52-2	357922	356293	359863	358026	0.50	cps
Cobalt	59-2	612721	612552	614254	613176	0.15	cps
Copper	63-2	842167	853260	850575	848667	0.68	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	10	23	30	21	48.24	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	37	17	30	28	36.66	cps
Holmium	165-1	3361823	3345480	3258652	3321985	1.67	cps
Holmium	165-2	1679859	1679723	1679519	1679700	0.01	cps
Indium	115-1	3157375	3164785	3137884	3153348	0.44	cps
Indium	115-2	490425	499160	496000	495195	0.89	cps
Iron	54-2	706146	704412	705412	705324	0.12	cps
Iron	56-2	12842665	12860060	12894207	12865644	0.20	cps
Iron	57-2	317375	317913	319274	318187	0.31	cps
Krypton	83-1	410	400	373	394	4.81	cps
Lead	207-1	616415	621498	617847	618586	0.42	cps
Lead	208-1	3086397	3108870	3095812	3097026	0.36	cps
Lead	206-1	683104	687590	684607	685100	0.33	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-11	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:19:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	865520	867033	866774	866442	0.09	cps
Magnesium	24-2	2606610	2602780	2593889	2601093	0.25	cps
Manganese	55-2	307740	307331	308555	307875	0.20	cps
Molybdenum	94-1	2348375	2458776	2404598	2403916	2.30	cps
Molybdenum	95-1	2880169	2929407	2938818	2916132	1.08	cps
Molybdenum	96-1	3203192	3237790	3239029	3226670	0.63	cps
Molybdenum	97-1	1872688	1859288	1889886	1873954	0.82	cps
Molybdenum	98-1	4574262	4647474	4706956	4642897	1.43	cps
Neodymium	150-1	47	87	60	64	31.60	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	185345	183018	184473	184279	0.64	cps
Phosphorus	31-2	142	175	108	142	23.53	cps
Potassium	39-2	822600	820336	820436	821124	0.16	cps
Rhodium	103-1	3064776	3027577	2995102	3029152	1.15	cps
Rhodium	103-2	1476197	1518934	1465029	1486720	1.91	cps
Scandium	45-1	2231874	2203460	2219681	2218338	0.64	cps
Scandium	45-2	70287	70240	70726	70418	0.38	cps
Selenium	77-2	633	607	573	604	4.97	cps
Selenium	78-2	2137	2212	2111	2154	2.44	cps
Selenium	82-1	21265	21003	21204	21157	0.65	cps
Silicon	28-1	21971535	21946312	22166200	22028016	0.55	cps
Silver	109-1	170243	210121	72969	151111	46.69	cps
Silver	107-1	195093	274443	165899	211812	26.52	cps
Sodium	23-2	23190795	22901320	23054043	23048719	0.63	cps
Strontium	86-1	949579	941111	961517	950736	1.08	cps
Strontium	88-1	8077965	8259722	8276522	8204736	1.34	cps
Sulfur	34-1	953455	951941	952241	952546	0.08	cps
Terbium	159-1	3503208	3497356	3528791	3509785	0.48	cps
Terbium	159-2	1654566	1697564	1685814	1679315	1.32	cps
Thallium	203-1	831878	829957	825322	829052	0.41	cps
Thallium	205-1	1932720	1964825	1962648	1953397	0.92	cps
Tin	118-1	834866	850698	829429	838331	1.32	cps
Titanium	47-1	842415	856495	858904	852605	1.04	cps
Uranium	238-1	2528276	2529858	2553109	2537081	0.55	cps
Vanadium	51-2	277196	279799	279608	278868	0.52	cps
Yttrium	89-1	4110553	4124942	4087961	4107819	0.45	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-11	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610M	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:19:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	448587	462216	447450	452751	1.81	cps
Zinc	66-2	124318	126074	122801	124398	1.32	cps
Zirconium	90-1	2046449	2046419	2061311	2051393	0.42	cps
Zirconium	91-1	442616	461220	460072	454636	2.29	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09A	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:21:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124541	125578	125064	125061	0.41	cps
Antimony	121-1	1326792	1349568	1358536	1344965	1.22	cps
Arsenic	75-2	50197	50445	50199	50280	0.28	cps
Barium	135-1	1232367	1240025	1257853	1243415	1.05	cps
Barium	137-1	2175316	2181919	2175039	2177425	0.18	cps
Beryllium	9-1	284562	284922	286250	285245	0.31	cps
Bismuth	209-1	2008472	2008160	1978667	1998433	0.86	cps
Bismuth	209-2	1195253	1196090	1193697	1195013	0.10	cps
Boron	11-1	364956	402511	425979	397815	7.74	cps
Boron	10-1	72597	79647	82881	78375	6.71	cps
Bromine	81-1	201542	208617	218222	209460	4.00	cps
Cadmium	106-1	30651	31821	31578	31350	1.97	cps
Cadmium	108-1	21350	21104	21438	21297	0.81	cps
Cadmium	111-1	300466	299463	303411	301114	0.68	cps
Calcium	43-1	1401653	1445821	1446423	1431299	1.79	cps
Calcium	44-1	23151989	23055884	23317476	23175116	0.57	cps
Chromium	52-2	360983	359330	358180	359498	0.39	cps
Cobalt	59-2	623069	614481	612070	616540	0.94	cps
Copper	63-2	862098	849187	848765	853350	0.89	cps
Dysprosium	156-1	67	17	33	39	65.47	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	23	13	33	23	42.86	cps
Gadolinium	160-1	58	58	50	56	8.66	cps
Gadolinium	160-2	27	27	43	32	29.85	cps
Holmium	165-1	3230648	3268537	3285347	3261511	0.86	cps
Holmium	165-2	1680341	1664818	1677124	1674095	0.49	cps
Indium	115-1	3098561	3123754	3135188	3119168	0.60	cps
Indium	115-2	492429	497465	495078	494991	0.51	cps
Iron	54-2	709612	710814	698572	706333	0.96	cps
Iron	56-2	13171888	12975568	13002940	13050132	0.81	cps
Iron	57-2	322775	321622	316560	320319	1.03	cps
Krypton	83-1	387	367	490	414	15.97	cps
Lead	207-1	611518	629911	627615	623015	1.61	cps
Lead	208-1	3084429	3122006	3140290	3115575	0.91	cps
Lead	206-1	675757	695759	692669	688062	1.56	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09A	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:21:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861302	861980	856122	859802	0.37	cps
Magnesium	24-2	2595335	2600789	2580965	2592363	0.40	cps
Manganese	55-2	310357	307477	305995	307943	0.72	cps
Molybdenum	94-1	2438687	2471513	2411151	2440450	1.24	cps
Molybdenum	95-1	2876626	2980729	2963301	2940219	1.90	cps
Molybdenum	96-1	3197689	3328904	3251195	3259263	2.02	cps
Molybdenum	97-1	1859412	1924438	1908674	1897508	1.79	cps
Molybdenum	98-1	4636686	4737080	4621631	4665132	1.35	cps
Neodymium	150-1	60	40	67	56	24.98	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	184645	185448	181138	183744	1.25	cps
Phosphorus	31-2	108	117	133	119	10.66	cps
Potassium	39-2	824002	823034	821412	822816	0.16	cps
Rhodium	103-1	3012630	3035928	3002593	3017050	0.57	cps
Rhodium	103-2	1491397	1491769	1479529	1487565	0.47	cps
Scandium	45-1	2227069	2207946	2217542	2217519	0.43	cps
Scandium	45-2	69317	70482	69671	69823	0.86	cps
Selenium	77-2	657	663	703	674	3.74	cps
Selenium	78-2	2126	2126	2106	2120	0.55	cps
Selenium	82-1	21240	21439	21089	21256	0.83	cps
Silicon	28-1	22068368	22268139	21776660	22037722	1.12	cps
Silver	109-1	315118	65665	71658	150813	94.37	cps
Silver	107-1	70330	70724	927201	356085	138.90	cps
Sodium	23-2	23086669	22707574	23135855	22976699	1.02	cps
Strontium	86-1	938295	962030	954151	951492	1.27	cps
Strontium	88-1	8182544	8374078	8275533	8277385	1.16	cps
Sulfur	34-1	944565	949504	948367	947479	0.27	cps
Terbium	159-1	3485148	3458704	3572990	3505614	1.71	cps
Terbium	159-2	1684800	1662312	1725603	1690905	1.90	cps
Thallium	203-1	816723	829046	834536	826769	1.10	cps
Thallium	205-1	1940828	1949561	1970382	1953590	0.78	cps
Tin	118-1	821286	842449	903496	855744	4.99	cps
Titanium	47-1	838441	854455	852156	848351	1.02	cps
Uranium	238-1	2554123	2579484	2612028	2581879	1.12	cps
Vanadium	51-2	279901	276138	277279	277773	0.69	cps
Yttrium	89-1	4092866	4135580	4172447	4133631	0.96	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L2993-09A	Instrumnet Name :	P8
Client Sample ID :	SS043MW014-200610A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:21:59	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	449740	453423	452027	451730	0.41	cps
Zinc	66-2	123471	123424	123941	123612	0.23	cps
Zirconium	90-1	2045098	2087209	2094123	2075477	1.28	cps
Zirconium	91-1	451919	456761	456688	455123	0.61	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:24:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5398	5364	5488	5417	1.18	cps
Antimony	121-1	233	367	308	303	22.08	cps
Arsenic	75-2	95	101	96	97	3.30	cps
Barium	135-1	25441	26635	25725	25934	2.41	cps
Barium	137-1	44081	45218	43888	44396	1.62	cps
Beryllium	9-1	166	158	140	155	8.61	cps
Bismuth	209-1	1942118	1998433	2012485	1984345	1.88	cps
Bismuth	209-2	1188581	1192135	1187635	1189451	0.20	cps
Boron	11-1	115845	118419	119365	117876	1.55	cps
Boron	10-1	23045	23600	23520	23389	1.28	cps
Bromine	81-1	345299	393608	436506	391804	11.65	cps
Cadmium	106-1	817	875	808	833	4.36	cps
Cadmium	108-1	21	0	25	15	87.67	cps
Cadmium	111-1	657	683	628	656	4.26	cps
Calcium	43-1	375506	383051	375151	377903	1.18	cps
Calcium	44-1	5979030	6227934	6114838	6107267	2.04	cps
Chromium	52-2	93275	93181	94084	93513	0.53	cps
Cobalt	59-2	18582	19333	19544	19153	2.64	cps
Copper	63-2	5673	5935	5925	5845	2.54	cps
Dysprosium	156-1	117	158	200	158	26.32	cps
Dysprosium	156-2	93	83	67	81	16.61	cps
Erbium	164-1	225	133	83	147	48.80	cps
Erbium	164-2	77	73	90	80	11.02	cps
Gadolinium	160-1	158	192	192	181	10.66	cps
Gadolinium	160-2	93	123	107	108	13.95	cps
Holmium	165-1	3250651	3218665	3238919	3236078	0.50	cps
Holmium	165-2	1622947	1626556	1688891	1646131	2.25	cps
Indium	115-1	3038609	3133828	3073647	3082028	1.56	cps
Indium	115-2	498088	491462	498693	496081	0.81	cps
Iron	54-2	155407	153998	155806	155070	0.61	cps
Iron	56-2	2837351	2868988	2893415	2866584	0.98	cps
Iron	57-2	69787	69575	70211	69858	0.46	cps
Krypton	83-1	417	463	417	432	6.23	cps
Lead	207-1	1850	1878	1817	1848	1.66	cps
Lead	208-1	9632	9768	9626	9676	0.83	cps
Lead	206-1	2328	2195	2239	2254	3.01	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:24:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	844401	853117	854754	850757	0.65	cps
Magnesium	24-2	390175	389649	389326	389717	0.11	cps
Manganese	55-2	152798	155139	157485	155141	1.51	cps
Molybdenum	94-1	3342	3717	3434	3498	5.59	cps
Molybdenum	95-1	4901	4859	4993	4918	1.39	cps
Molybdenum	96-1	5460	5468	5518	5482	0.58	cps
Molybdenum	97-1	3234	3034	3184	3150	3.30	cps
Molybdenum	98-1	8328	8236	7886	8150	2.86	cps
Neodymium	150-1	273	367	327	322	14.53	cps
Neodymium	150-2	107	110	110	109	1.77	cps
Nickel	60-2	229332	225936	227810	227693	0.75	cps
Phosphorus	31-2	100	125	100	108	13.32	cps
Potassium	39-2	50740	50823	50940	50834	0.20	cps
Rhodium	103-1	3027813	3046758	3090283	3054952	1.05	cps
Rhodium	103-2	1497060	1473549	1499399	1490002	0.96	cps
Scandium	45-1	2137092	2240901	2179324	2185772	2.39	cps
Scandium	45-2	69105	68385	68737	68742	0.52	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	35	26	35	32	16.24	cps
Selenium	82-1	3	65	39	36	87.22	cps
Silicon	28-1	4182950	4368141	4455750	4335614	3.21	cps
Silver	109-1	442	458	525	475	9.28	cps
Silver	107-1	475	392	500	456	12.45	cps
Sodium	23-2	6714786	6680821	6729678	6708428	0.37	cps
Strontium	86-1	350998	356188	350665	352617	0.88	cps
Strontium	88-1	3014367	3079146	3090852	3061455	1.35	cps
Sulfur	34-1	540095	538610	534518	537741	0.54	cps
Terbium	159-1	3377288	3484950	3402045	3421428	1.65	cps
Terbium	159-2	1651312	1632199	1644491	1642667	0.59	cps
Thallium	203-1	225	200	100	175	37.80	cps
Thallium	205-1	500	425	417	447	10.26	cps
Tin	118-1	358	492	383	411	17.24	cps
Titanium	47-1	1433	1467	1483	1461	1.74	cps
Uranium	238-1	2367	2284	2292	2314	1.98	cps
Vanadium	51-2	883	793	927	868	7.84	cps
Yttrium	89-1	3907280	4091632	4087620	4028844	2.61	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:24:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	450142	444871	446689	447234	0.60	cps
Zinc	66-2	6159	5730	5895	5928	3.65	cps
Zirconium	90-1	1692	1758	1642	1697	3.45	cps
Zirconium	91-1	425	283	375	361	19.90	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCV47 Instrumnet Name : P8
 Client Sample ID : CCV47 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:27:38 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	697803	691797	691533	693711	0.51	cps
Antimony	121-1	1342894	1368698	1373900	1361831	1.22	cps
Arsenic	75-2	49759	49340	49421	49507	0.45	cps
Barium	135-1	1284874	1295285	1293787	1291315	0.44	cps
Barium	137-1	2302767	2305033	2299449	2302416	0.12	cps
Beryllium	9-1	289342	291142	291677	290720	0.42	cps
Bismuth	209-1	1974699	2031740	2025041	2010494	1.55	cps
Bismuth	209-2	1195213	1194026	1198536	1195925	0.20	cps
Boron	11-1	141492	150552	158370	150138	5.63	cps
Boron	10-1	28734	30443	32317	30498	5.88	cps
Bromine	81-1	49558	45821	41343	45574	9.03	cps
Cadmium	106-1	31662	30543	32556	31587	3.19	cps
Cadmium	108-1	21621	21763	21342	21575	0.99	cps
Cadmium	111-1	304870	308326	307388	306861	0.58	cps
Calcium	43-1	1689228	1672152	1691888	1684423	0.64	cps
Calcium	44-1	27447762	27188960	27821131	27485951	1.16	cps
Chromium	52-2	343865	344293	345514	344557	0.25	cps
Cobalt	59-2	619184	615311	614427	616307	0.41	cps
Copper	63-2	4819342	4669653	4730861	4739952	1.59	cps
Dysprosium	156-1	92	108	58	86	29.56	cps
Dysprosium	156-2	43	23	50	39	35.69	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	3	13	20	12	68.66	cps
Gadolinium	160-1	133	117	117	122	7.87	cps
Gadolinium	160-2	63	30	47	47	35.71	cps
Holmium	165-1	3299824	3337210	3333927	3323654	0.62	cps
Holmium	165-2	1682624	1696355	1703873	1694284	0.64	cps
Indium	115-1	3135561	3178364	3173411	3162445	0.74	cps
Indium	115-2	495525	498300	501602	498475	0.61	cps
Iron	54-2	3621255	3571156	3578101	3590170	0.76	cps
Iron	56-2	65602392	64747397	65866650	65405480	0.89	cps
Iron	57-2	1655013	1643973	1640273	1646420	0.47	cps
Krypton	83-1	387	407	453	416	8.23	cps
Lead	207-1	3124494	3129127	3098441	3117354	0.53	cps
Lead	208-1	15439456	15529394	15406523	15458457	0.41	cps
Lead	206-1	3438985	3456685	3448134	3447935	0.26	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:27:38	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	868432	861083	867748	865754	0.47	cps
Magnesium	24-2	10090510	9998572	10167672	10085585	0.84	cps
Manganese	55-2	1618206	1579772	1615010	1604329	1.33	cps
Molybdenum	94-1	2501862	2477410	2511451	2496908	0.70	cps
Molybdenum	95-1	3004057	3016739	3068847	3029881	1.13	cps
Molybdenum	96-1	3364902	3308998	3361587	3345162	0.94	cps
Molybdenum	97-1	1928101	1966770	1924804	1939892	1.20	cps
Molybdenum	98-1	4750615	4806762	4791266	4782881	0.61	cps
Neodymium	150-1	53	40	40	44	17.32	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	168203	167395	166990	167529	0.37	cps
Phosphorus	31-2	10145	9754	10029	9976	2.02	cps
Potassium	39-2	3960188	3921004	4005939	3962377	1.07	cps
Rhodium	103-1	2996266	3035219	3046151	3025879	0.87	cps
Rhodium	103-2	1471797	1480641	1482243	1478227	0.38	cps
Scandium	45-1	2246553	2247400	2269426	2254460	0.58	cps
Scandium	45-2	70814	68643	69346	69601	1.59	cps
Selenium	77-2	603	757	590	650	14.25	cps
Selenium	78-2	2204	2133	2169	2169	1.64	cps
Selenium	82-1	21639	21770	21587	21665	0.43	cps
Silicon	28-1	1174023	1195332	1215394	1194916	1.73	cps
Silver	109-1	1420466	1435714	1425558	1427246	0.54	cps
Silver	107-1	1494491	1520588	1498077	1504385	0.94	cps
Sodium	23-2	18932587	18953316	18934478	18940127	0.06	cps
Strontium	86-1	372135	376889	378616	375880	0.89	cps
Strontium	88-1	3298049	3264316	3327297	3296554	0.96	cps
Sulfur	34-1	564447	565015	566190	565217	0.16	cps
Terbium	159-1	3519976	3573511	3575611	3556366	0.89	cps
Terbium	159-2	1689667	1693978	1728539	1704061	1.25	cps
Thallium	203-1	838103	834024	852181	841436	1.13	cps
Thallium	205-1	2002663	1979129	2015899	1999230	0.93	cps
Tin	118-1	904063	916797	921455	914105	0.98	cps
Titanium	47-1	902891	906052	903271	904071	0.19	cps
Uranium	238-1	2510239	2544405	2587777	2547474	1.53	cps
Vanadium	51-2	279797	274609	274298	276234	1.12	cps
Yttrium	89-1	4171083	4146397	4136408	4151296	0.43	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:27:38	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	451822	453615	455312	453583	0.38	cps
Zinc	66-2	665336	662752	660436	662841	0.37	cps
Zirconium	90-1	2105130	2108238	2130394	2114587	0.65	cps
Zirconium	91-1	463096	465287	466850	465078	0.41	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 14:45:17 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356	372	382	370	3.54	cps
Antimony	121-1	75	100	92	89	14.32	cps
Arsenic	75-2	11	6	7	8	33.07	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	50	33	25	36	35.25	cps
Beryllium	9-1	78	60	74	71	13.38	cps
Bismuth	209-1	1951585	1942996	1932526	1942369	0.49	cps
Bismuth	209-2	1165543	1151429	1152790	1156587	0.67	cps
Boron	11-1	9831	9543	9735	9703	1.51	cps
Boron	10-1	1980	1884	1956	1940	2.58	cps
Bromine	81-1	6919	5667	5998	6194	10.47	cps
Cadmium	106-1	775	725	925	808	12.88	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	545	499	643	562	13.09	cps
Calcium	43-1	417	325	392	378	12.54	cps
Calcium	44-1	27577	28095	27469	27713	1.21	cps
Chromium	52-2	800	820	777	799	2.72	cps
Cobalt	59-2	40	47	37	41	12.39	cps
Copper	63-2	563	535	529	542	3.32	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	17	3	0	7	132.33	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	3128195	3134348	3084476	3115673	0.87	cps
Holmium	165-2	1596697	1588532	1589252	1591494	0.28	cps
Indium	115-1	2995471	3033627	2976524	3001874	0.97	cps
Indium	115-2	481493	476974	476942	478470	0.55	cps
Iron	54-2	294	333	272	300	10.31	cps
Iron	56-2	2750	2745	2600	2698	3.15	cps
Iron	57-2	83	111	133	109	22.93	cps
Krypton	83-1	500	397	460	452	11.52	cps
Lead	207-1	478	544	483	502	7.37	cps
Lead	208-1	2761	2611	2947	2773	6.07	cps
Lead	206-1	678	489	744	637	20.81	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:45:17	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	836563	838127	831063	835251	0.44	cps
Magnesium	24-2	367	425	325	372	13.50	cps
Manganese	55-2	83	77	63	74	13.68	cps
Molybdenum	94-1	58	100	100	86	27.94	cps
Molybdenum	95-1	58	50	33	47	26.96	cps
Molybdenum	96-1	142	133	108	128	13.57	cps
Molybdenum	97-1	8	42	8	19	99.00	cps
Molybdenum	98-1	33	58	42	44	28.65	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	57	53	62	20.29	cps
Phosphorus	31-2	150	92	217	153	40.94	cps
Potassium	39-2	17653	17127	16843	17208	2.39	cps
Rhodium	103-1	2978502	2965799	2988270	2977524	0.38	cps
Rhodium	103-2	1464609	1441522	1440993	1449041	0.93	cps
Scandium	45-1	2087027	2118538	2141661	2115742	1.30	cps
Scandium	45-2	65931	65408	66814	66051	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	28	35	35	18.77	cps
Selenium	82-1	-70	10	-30	-30	-131.31	cps
Silicon	28-1	433000	427749	431817	430855	0.64	cps
Silver	109-1	1750	2017	2159	1975	10.50	cps
Silver	107-1	1875	2084	2042	2000	5.51	cps
Sodium	23-2	24980	24621	24997	24866	0.85	cps
Strontium	86-1	625	567	608	600	5.01	cps
Strontium	88-1	217	258	133	203	31.39	cps
Sulfur	34-1	476101	478991	472095	475729	0.73	cps
Terbium	159-1	3314059	3352532	3351508	3339366	0.66	cps
Terbium	159-2	1618668	1613349	1587787	1606602	1.03	cps
Thallium	203-1	100	108	58	89	30.13	cps
Thallium	205-1	175	150	108	144	23.32	cps
Tin	118-1	100	133	167	133	25.00	cps
Titanium	47-1	467	475	508	483	4.56	cps
Uranium	238-1	0	25	17	14	91.65	cps
Vanadium	51-2	7	13	13	11	34.61	cps
Yttrium	89-1	3906095	3906257	3895327	3902559	0.16	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:45:17	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	429151	432423	424943	428839	0.87	cps
Zinc	66-2	193	120	160	158	23.31	cps
Zirconium	90-1	133	175	283	197	39.26	cps
Zirconium	91-1	33	67	67	56	34.65	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:48:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	450	376	405	9.70	cps
Antimony	121-1	175	167	233	192	18.95	cps
Arsenic	75-2	72	71	71	71	0.81	cps
Barium	135-1	22219	22152	22653	22341	1.22	cps
Barium	137-1	39023	38438	38656	38706	0.76	cps
Beryllium	9-1	56	42	58	52	16.77	cps
Bismuth	209-1	1963987	1981118	1973764	1972956	0.44	cps
Bismuth	209-2	1161047	1182414	1171866	1171775	0.91	cps
Boron	11-1	59225	69662	75346	68078	12.01	cps
Boron	10-1	11572	13832	14604	13336	11.81	cps
Bromine	81-1	333188	387142	412794	377708	10.76	cps
Cadmium	106-1	800	717	642	719	11.01	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Cadmium	111-1	600	540	481	540	10.99	cps
Calcium	43-1	363588	367896	363358	364947	0.70	cps
Calcium	44-1	5902069	6018288	5906900	5942419	1.11	cps
Chromium	52-2	1117	1077	1143	1112	3.02	cps
Cobalt	59-2	13707	13376	13800	13628	1.63	cps
Copper	63-2	856	780	881	839	6.31	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	3195343	3209354	3227419	3210706	0.50	cps
Holmium	165-2	1617796	1619703	1630573	1622690	0.42	cps
Indium	115-1	3046133	3085167	3074773	3068691	0.66	cps
Indium	115-2	477511	487848	489510	484956	1.34	cps
Iron	54-2	86991	85298	85873	86054	1.00	cps
Iron	56-2	1654455	1604939	1583528	1614307	2.25	cps
Iron	57-2	40051	38530	38574	39052	2.22	cps
Krypton	83-1	477	430	473	460	5.66	cps
Lead	207-1	583	478	689	583	18.10	cps
Lead	208-1	2914	2711	3334	2986	10.63	cps
Lead	206-1	661	556	706	641	12.02	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:48:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	856475	862881	853412	857590	0.56	cps
Magnesium	24-2	396335	393832	395777	395315	0.33	cps
Manganese	55-2	146210	144792	146591	145864	0.65	cps
Molybdenum	94-1	1809	1775	1783	1789	0.97	cps
Molybdenum	95-1	2642	2584	2767	2664	3.52	cps
Molybdenum	96-1	2917	3309	3250	3159	6.69	cps
Molybdenum	97-1	1950	1683	1750	1795	7.73	cps
Molybdenum	98-1	4126	4417	4301	4281	3.43	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	159213	155967	156662	157280	1.09	cps
Phosphorus	31-2	92	183	117	131	36.30	cps
Potassium	39-2	50029	49686	49218	49644	0.82	cps
Rhodium	103-1	3015380	3032520	3006624	3018175	0.44	cps
Rhodium	103-2	1442257	1449768	1469604	1453876	0.97	cps
Scandium	45-1	2155423	2184490	2151132	2163682	0.84	cps
Scandium	45-2	67103	68402	68402	67969	1.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	34	45	44	41	14.84	cps
Selenium	82-1	-1	54	-41	4	1263.51	cps
Silicon	28-1	3137088	3134849	3087282	3119740	0.90	cps
Silver	109-1	258	142	158	186	33.90	cps
Silver	107-1	150	175	267	197	31.15	cps
Sodium	23-2	6851079	6706529	6770971	6776193	1.07	cps
Strontium	86-1	352243	359058	361794	357699	1.38	cps
Strontium	88-1	3148311	3153455	3186743	3162836	0.66	cps
Sulfur	34-1	561354	562777	560320	561484	0.22	cps
Terbium	159-1	3372423	3412799	3374398	3386540	0.67	cps
Terbium	159-2	1610709	1628909	1636205	1625274	0.81	cps
Thallium	203-1	125	133	58	106	38.94	cps
Thallium	205-1	258	225	150	211	26.29	cps
Tin	118-1	275	167	275	239	26.18	cps
Titanium	47-1	500	592	533	542	8.57	cps
Uranium	238-1	2225	2250	2184	2220	1.52	cps
Vanadium	51-2	70	103	120	98	26.04	cps
Yttrium	89-1	3930667	3975557	4028698	3978307	1.23	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3005-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF017MW001-200611DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 14:48:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	430171	441082	438268	436507	1.30	cps
Zinc	66-2	606	629	579	605	4.15	cps
Zirconium	90-1	583	567	642	597	6.59	cps
Zirconium	91-1	92	108	117	106	12.06	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:53:21	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	693646	698388	684588	692207	1.01	cps
Antimony	121-1	1335820	1346530	1351994	1344782	0.61	cps
Arsenic	75-2	48859	49004	48372	48745	0.68	cps
Barium	135-1	1262903	1266422	1279886	1269737	0.71	cps
Barium	137-1	2208931	2205175	2300359	2238155	2.41	cps
Beryllium	9-1	295095	295525	300179	296933	0.95	cps
Bismuth	209-1	2007452	2035015	2011500	2017989	0.74	cps
Bismuth	209-2	1178834	1194233	1172592	1181886	0.94	cps
Boron	11-1	110323	122114	133861	122099	9.64	cps
Boron	10-1	22457	25172	26975	24868	9.15	cps
Bromine	81-1	16386	15935	14172	15498	7.55	cps
Cadmium	106-1	30818	31194	31687	31233	1.39	cps
Cadmium	108-1	21362	21329	21980	21557	1.70	cps
Cadmium	111-1	298612	301780	303450	301281	0.82	cps
Calcium	43-1	1648116	1670092	1660529	1659579	0.66	cps
Calcium	44-1	26958408	27231438	27563620	27251156	1.11	cps
Chromium	52-2	343459	343956	336299	341238	1.26	cps
Cobalt	59-2	619792	613570	601104	611489	1.56	cps
Copper	63-2	4764034	4733656	4678091	4725261	0.92	cps
Dysprosium	156-1	42	100	142	94	53.18	cps
Dysprosium	156-2	50	53	43	49	10.42	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	117	83	100	100	16.66	cps
Gadolinium	160-2	83	57	40	60	36.43	cps
Holmium	165-1	3313709	3307592	3279355	3300219	0.56	cps
Holmium	165-2	1668905	1690634	1670969	1676836	0.72	cps
Indium	115-1	3170822	3076540	3067226	3104863	1.85	cps
Indium	115-2	486041	495814	491705	491186	1.00	cps
Iron	54-2	3607348	3566265	3532590	3568734	1.05	cps
Iron	56-2	65675415	65276435	64127072	65026307	1.24	cps
Iron	57-2	1645796	1639709	1618909	1634805	0.86	cps
Krypton	83-1	313	407	463	394	19.20	cps
Lead	207-1	3083258	3102813	3129849	3105307	0.75	cps
Lead	208-1	15201487	15345689	15596494	15381223	1.30	cps
Lead	206-1	3406335	3429298	3483674	3439769	1.15	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:53:21	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	876766	869301	867645	871237	0.56	cps
Magnesium	24-2	10027438	10184908	9887546	10033297	1.48	cps
Manganese	55-2	1604913	1595604	1575559	1592026	0.94	cps
Molybdenum	94-1	2431447	2456698	2493312	2460486	1.26	cps
Molybdenum	95-1	3003656	2986357	3037422	3009145	0.86	cps
Molybdenum	96-1	3309191	3300485	3351353	3320343	0.82	cps
Molybdenum	97-1	1912644	1922242	1937990	1924292	0.67	cps
Molybdenum	98-1	4692588	4795925	4719215	4735909	1.13	cps
Neodymium	150-1	27	40	80	49	56.77	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	168030	169713	166606	168116	0.93	cps
Phosphorus	31-2	9395	9528	9212	9378	1.70	cps
Potassium	39-2	3915793	3945602	3910583	3923992	0.48	cps
Rhodium	103-1	3055210	2973711	2979160	3002694	1.52	cps
Rhodium	103-2	1479559	1467924	1458220	1468568	0.73	cps
Scandium	45-1	2216806	2252261	2200044	2223037	1.20	cps
Scandium	45-2	69001	69393	67514	68636	1.44	cps
Selenium	77-2	660	650	637	649	1.80	cps
Selenium	78-2	2277	2188	2193	2220	2.25	cps
Selenium	82-1	21197	21153	21676	21342	1.36	cps
Silicon	28-1	1089441	1114393	1128521	1110785	1.78	cps
Silver	109-1	1399660	1411864	1423780	1411768	0.85	cps
Silver	107-1	1463917	1482675	1491306	1479299	0.95	cps
Sodium	23-2	19056736	19164385	18848709	19023277	0.84	cps
Strontium	86-1	362303	375825	377719	371949	2.26	cps
Strontium	88-1	3186512	3263063	3219833	3223136	1.19	cps
Sulfur	34-1	580765	575545	579162	578491	0.46	cps
Terbium	159-1	3521646	3460517	3479008	3487057	0.90	cps
Terbium	159-2	1688947	1707317	1672379	1689548	1.03	cps
Thallium	203-1	836687	845152	844854	842231	0.57	cps
Thallium	205-1	1970974	1992194	1996686	1986618	0.69	cps
Tin	118-1	885975	874006	909967	889983	2.06	cps
Titanium	47-1	886301	903299	894672	894757	0.95	cps
Uranium	238-1	2551020	2569323	2588845	2569729	0.74	cps
Vanadium	51-2	275251	277078	270911	274413	1.15	cps
Yttrium	89-1	4137740	4113119	4075180	4108679	0.77	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 14:53:21	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	448221	450680	443507	447469	0.81	cps
Zinc	66-2	658780	654505	646678	653321	0.94	cps
Zirconium	90-1	2056172	2084243	2117357	2085924	1.47	cps
Zirconium	91-1	447673	459237	466244	457718	2.05	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 15:07:56 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	400	342	381	8.80	cps
Antimony	121-1	67	50	167	94	66.81	cps
Arsenic	75-2	4	3	10	6	66.81	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	33	50	67	50	33.34	cps
Beryllium	9-1	44	38	56	46	19.93	cps
Bismuth	209-1	1974801	1987702	1981851	1981451	0.33	cps
Bismuth	209-2	1162955	1157398	1152395	1157583	0.46	cps
Boron	11-1	6826	6728	6604	6720	1.66	cps
Boron	10-1	1386	1406	1454	1415	2.47	cps
Bromine	81-1	5647	5687	5597	5644	0.80	cps
Cadmium	106-1	867	883	833	861	2.96	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Cadmium	111-1	629	617	583	609	3.90	cps
Calcium	43-1	408	417	408	411	1.17	cps
Calcium	44-1	26918	27118	27360	27132	0.82	cps
Chromium	52-2	737	813	787	779	5.00	cps
Cobalt	59-2	30	43	30	34	22.34	cps
Copper	63-2	475	559	448	494	11.69	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	3212135	3080422	3166209	3152922	2.12	cps
Holmium	165-2	1565616	1578799	1617193	1587203	1.69	cps
Indium	115-1	3046744	3007319	2975989	3010018	1.18	cps
Indium	115-2	475338	472851	471735	473308	0.39	cps
Iron	54-2	306	406	361	357	14.02	cps
Iron	56-2	2773	2673	2634	2693	2.66	cps
Iron	57-2	133	83	133	117	24.75	cps
Krypton	83-1	517	413	437	456	11.90	cps
Lead	207-1	561	561	544	556	1.73	cps
Lead	208-1	3003	2931	2872	2935	2.23	cps
Lead	206-1	722	667	639	676	6.28	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:07:56	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	857259	840862	844545	847555	1.01	cps
Magnesium	24-2	408	450	350	403	12.47	cps
Manganese	55-2	83	77	113	91	21.43	cps
Molybdenum	94-1	167	117	67	117	42.86	cps
Molybdenum	95-1	50	67	25	47	44.41	cps
Molybdenum	96-1	225	133	142	167	30.41	cps
Molybdenum	97-1	50	17	8	25	88.19	cps
Molybdenum	98-1	58	67	42	56	22.91	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	130	163	133	21.36	cps
Phosphorus	31-2	100	158	117	125	24.04	cps
Potassium	39-2	16969	17269	17302	17180	1.07	cps
Rhodium	103-1	2987544	2968903	2908002	2954816	1.41	cps
Rhodium	103-2	1460024	1427625	1413912	1433854	1.65	cps
Scandium	45-1	2171755	2123274	2120010	2138346	1.36	cps
Scandium	45-2	66195	67116	66453	66588	0.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	29	33	30	10.30	cps
Selenium	82-1	-104	0	-12	-39	-147.79	cps
Silicon	28-1	431722	425706	427077	428168	0.74	cps
Silver	109-1	750	875	1050	892	16.90	cps
Silver	107-1	917	1075	1142	1045	11.07	cps
Sodium	23-2	24346	23820	24463	24209	1.41	cps
Strontium	86-1	658	650	575	628	7.31	cps
Strontium	88-1	242	267	192	233	16.37	cps
Sulfur	34-1	478774	479349	478880	479001	0.06	cps
Terbium	159-1	3332353	3375511	3346859	3351574	0.66	cps
Terbium	159-2	1584705	1578812	1613840	1592452	1.18	cps
Thallium	203-1	58	67	117	81	39.16	cps
Thallium	205-1	175	167	100	147	27.92	cps
Tin	118-1	133	208	167	169	22.18	cps
Titanium	47-1	467	392	417	425	8.99	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	17	10	17	14	26.66	cps
Yttrium	89-1	3984701	3883341	3868740	3912261	1.61	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:07:56	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	425828	425003	420545	423792	0.67	cps
Zinc	66-2	180	170	143	164	11.54	cps
Zirconium	90-1	225	275	175	225	22.22	cps
Zirconium	91-1	75	42	50	56	31.22	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BL	Instrumnet Name :	P8
Client Sample ID :	PB129569BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:55:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	406	398	385	7.87	cps
Antimony	121-1	25	17	25	22	21.64	cps
Arsenic	75-2	3	3	1	2	49.49	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	42	8	50	33	66.15	cps
Beryllium	9-1	36	22	34	31	24.68	cps
Bismuth	209-1	1923833	1903047	1970075	1932318	1.78	cps
Bismuth	209-2	1140432	1141299	1141414	1141049	0.05	cps
Boron	11-1	2240	2406	2336	2327	3.58	cps
Boron	10-1	476	498	434	469	6.93	cps
Bromine	81-1	3003	2593	2953	2850	7.86	cps
Cadmium	106-1	683	633	792	703	11.52	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Cadmium	111-1	488	445	558	497	11.55	cps
Calcium	43-1	375	292	350	339	12.62	cps
Calcium	44-1	26584	26675	26726	26662	0.27	cps
Chromium	52-2	770	843	763	792	5.60	cps
Cobalt	59-2	17	40	47	34	45.73	cps
Copper	63-2	312	324	395	344	13.15	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	0	8	58	22	141.99	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	17	42	17	25	57.73	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	3138331	3125253	3170694	3144759	0.74	cps
Holmium	165-2	1558793	1571981	1556669	1562481	0.53	cps
Indium	115-1	2923825	3061678	3014557	3000020	2.34	cps
Indium	115-2	469040	470617	464838	468165	0.64	cps
Iron	54-2	294	356	439	363	19.98	cps
Iron	56-2	2606	2939	2817	2787	6.05	cps
Iron	57-2	100	100	89	96	6.66	cps
Krypton	83-1	393	387	390	390	0.85	cps
Lead	207-1	344	272	294	304	12.18	cps
Lead	208-1	1572	1458	1442	1491	4.77	cps
Lead	206-1	278	289	350	306	12.73	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BL	Instrumnet Name :	P8
Client Sample ID :	PB129569BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:55:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	834998	851081	855667	847249	1.28	cps
Magnesium	24-2	317	358	492	389	23.51	cps
Manganese	55-2	87	87	77	83	6.93	cps
Molybdenum	94-1	50	58	117	75	48.43	cps
Molybdenum	95-1	25	8	17	17	50.01	cps
Molybdenum	96-1	117	125	150	131	13.29	cps
Molybdenum	97-1	8	8	42	19	99.00	cps
Molybdenum	98-1	25	25	17	22	21.64	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	90	80	81	10.34	cps
Phosphorus	31-2	117	75	100	97	21.57	cps
Potassium	39-2	16702	17427	17653	17261	2.88	cps
Rhodium	103-1	2922966	2972699	3006878	2967514	1.42	cps
Rhodium	103-2	1412696	1439959	1428857	1427171	0.96	cps
Scandium	45-1	2078417	2119899	2126260	2108192	1.23	cps
Scandium	45-2	65402	65914	66426	65914	0.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	25	39	31	32	22.18	cps
Selenium	82-1	33	6	-16	8	322.85	cps
Silicon	28-1	428752	433725	432613	431697	0.60	cps
Silver	109-1	125	75	92	97	26.19	cps
Silver	107-1	158	192	183	178	9.76	cps
Sodium	23-2	21725	22509	22284	22173	1.82	cps
Strontium	86-1	792	750	567	703	17.03	cps
Strontium	88-1	225	233	225	228	2.11	cps
Sulfur	34-1	493312	495127	493920	494120	0.19	cps
Terbium	159-1	3310163	3337182	3359695	3335680	0.74	cps
Terbium	159-2	1571190	1588216	1535746	1565050	1.71	cps
Thallium	203-1	25	8	25	19	49.50	cps
Thallium	205-1	83	58	8	50	76.38	cps
Tin	118-1	158	150	150	153	3.15	cps
Titanium	47-1	492	417	467	458	8.33	cps
Uranium	238-1	17	0	0	6	173.21	cps
Vanadium	51-2	17	27	13	19	36.75	cps
Yttrium	89-1	3828462	3877055	3845743	3850420	0.64	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BL	Instrumnet Name :	P8
Client Sample ID :	PB129569BL	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:55:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	418718	421919	418805	419814	0.43	cps
Zinc	66-2	147	113	133	131	12.86	cps
Zirconium	90-1	158	208	200	189	14.18	cps
Zirconium	91-1	25	25	58	36	53.30	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BS	Instrumnet Name :	P8
Client Sample ID :	PB129569BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:58:34	DataFile Name :	038LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136771	138041	135556	136789	0.91	cps
Antimony	121-1	1310161	1314522	1316831	1313838	0.26	cps
Arsenic	75-2	47890	46927	46828	47215	1.24	cps
Barium	135-1	1232222	1248236	1251762	1244073	0.84	cps
Barium	137-1	2176971	2182840	2191927	2183913	0.35	cps
Beryllium	9-1	289837	291275	291530	290880	0.31	cps
Bismuth	209-1	2024508	2019767	2012354	2018876	0.30	cps
Bismuth	209-2	1178320	1192747	1172068	1181045	0.90	cps
Boron	11-1	83491	96800	106744	95678	12.19	cps
Boron	10-1	17018	19577	21678	19424	12.01	cps
Bromine	81-1	2793	3084	3033	2970	5.23	cps
Cadmium	106-1	30042	30768	30501	30437	1.21	cps
Cadmium	108-1	20937	21367	20799	21034	1.41	cps
Cadmium	111-1	291747	295026	299501	295425	1.32	cps
Calcium	43-1	340393	333316	344814	339508	1.71	cps
Calcium	44-1	5531379	5451696	5458387	5480487	0.81	cps
Chromium	52-2	337194	330800	329404	332466	1.25	cps
Cobalt	59-2	605399	607166	605996	606187	0.15	cps
Copper	63-2	4663439	4716951	4619996	4666795	1.04	cps
Dysprosium	156-1	25	33	75	44	60.28	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	13	20	3	12	68.66	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	23	27	50	33	43.59	cps
Holmium	165-1	3223239	3303699	3279857	3268932	1.26	cps
Holmium	165-2	1649861	1638873	1601483	1630072	1.56	cps
Indium	115-1	3420199	3484096	3440332	3448209	0.95	cps
Indium	115-2	538054	535806	527780	533880	1.01	cps
Iron	54-2	708573	708634	707560	708256	0.09	cps
Iron	56-2	13270001	13038599	12957480	13088693	1.24	cps
Iron	57-2	319715	318985	314816	317839	0.83	cps
Krypton	83-1	400	413	437	417	4.45	cps
Lead	207-1	3057866	3038110	3132096	3076024	1.61	cps
Lead	208-1	15145339	15126927	15428779	15233681	1.11	cps
Lead	206-1	3334996	3399877	3430095	3388323	1.43	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BS	Instrumnet Name :	P8
Client Sample ID :	PB129569BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:58:34	DataFile Name :	038LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	887820	888559	886882	887753	0.09	cps
Magnesium	24-2	2080030	2125282	2094298	2099870	1.10	cps
Manganese	55-2	1578069	1533842	1519303	1543738	1.98	cps
Molybdenum	94-1	2341663	2385452	2380354	2369157	1.01	cps
Molybdenum	95-1	2936766	2863992	2897245	2899334	1.26	cps
Molybdenum	96-1	3157088	3183447	3183560	3174698	0.48	cps
Molybdenum	97-1	1822539	1833845	1840044	1832143	0.48	cps
Molybdenum	98-1	4572480	4612478	4592569	4592509	0.44	cps
Neodymium	150-1	53	33	47	44	22.92	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	169247	165575	165453	166758	1.29	cps
Phosphorus	31-2	9620	9912	9545	9692	2.00	cps
Potassium	39-2	797116	794635	785678	792476	0.76	cps
Rhodium	103-1	3015515	3033752	2979481	3009582	0.92	cps
Rhodium	103-2	1477928	1461514	1441620	1460354	1.25	cps
Scandium	45-1	2194808	2223555	2182615	2200326	0.96	cps
Scandium	45-2	68861	68784	67146	68263	1.42	cps
Selenium	77-2	610	560	713	628	12.46	cps
Selenium	78-2	2177	2075	2171	2141	2.67	cps
Selenium	82-1	20545	20490	20568	20534	0.20	cps
Silicon	28-1	1318551	1444905	1520113	1427856	7.13	cps
Silver	109-1	1372099	1382776	1403022	1385966	1.13	cps
Silver	107-1	1437942	1452997	1468402	1453114	1.05	cps
Sodium	23-2	3984541	3964094	3948498	3965711	0.46	cps
Strontium	86-1	351054	352820	352271	352048	0.26	cps
Strontium	88-1	3099937	3114165	3062444	3092182	0.86	cps
Sulfur	34-1	585653	582597	585749	584666	0.31	cps
Terbium	159-1	3444072	3523674	3477357	3481701	1.15	cps
Terbium	159-2	1638257	1634958	1617392	1630202	0.69	cps
Thallium	203-1	807856	818563	831407	819275	1.44	cps
Thallium	205-1	1928916	1980848	1995949	1968571	1.79	cps
Tin	118-1	872521	869757	871138	871139	0.16	cps
Titanium	47-1	862977	868416	866161	865851	0.32	cps
Uranium	238-1	2492376	2473294	2510984	2492218	0.76	cps
Vanadium	51-2	267417	265478	265593	266163	0.41	cps
Yttrium	89-1	3977831	4051955	4027090	4018959	0.94	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	PB129569BS	Instrumnet Name :	P8
Client Sample ID :	PB129569BS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 15:58:34	DataFile Name :	038LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	436768	442163	430719	436550	1.31	cps
Zinc	66-2	643657	643974	637756	641796	0.55	cps
Zirconium	90-1	2023358	2021789	1998619	2014589	0.69	cps
Zirconium	91-1	442538	441564	439694	441265	0.33	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01	Instrumnet Name :	P8
Client Sample ID :	SG1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:02:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1223373	1257149	1180411	1220311	3.15	cps
Antimony	121-1	150	225	225	200	21.65	cps
Arsenic	75-2	5634	5583	5682	5633	0.88	cps
Barium	135-1	324294	321444	323452	323063	0.45	cps
Barium	137-1	566567	559822	557880	561423	0.81	cps
Beryllium	9-1	4166	4006	3972	4048	2.56	cps
Bismuth	209-1	2029055	2037163	2011569	2025929	0.65	cps
Bismuth	209-2	1181966	1190348	1206846	1193053	1.06	cps
Boron	11-1	18950	18980	19553	19161	1.77	cps
Boron	10-1	3900	3946	3872	3906	0.96	cps
Bromine	81-1	12839	15404	16547	14930	12.72	cps
Cadmium	106-1	2209	2234	2117	2186	2.81	cps
Cadmium	108-1	363	379	379	374	2.58	cps
Cadmium	111-1	2601	2486	2466	2518	2.88	cps
Calcium	43-1	14521748	14510726	14490497	14507657	0.11	cps
Calcium	44-1	242420739	243147980	240468772	242012497	0.57	cps
Chromium	52-2	132611	131091	132608	132103	0.66	cps
Cobalt	59-2	54457	54681	54802	54647	0.32	cps
Copper	63-2	45757	46191	46700	46216	1.02	cps
Dysprosium	156-1	117145	116271	117582	116999	0.57	cps
Dysprosium	156-2	54742	55421	56656	55606	1.75	cps
Erbium	164-1	100940	103005	101092	101679	1.13	cps
Erbium	164-2	47545	49793	49415	48917	2.46	cps
Gadolinium	160-1	115406	116960	116322	116229	0.67	cps
Gadolinium	160-2	64853	66746	65694	65765	1.44	cps
Holmium	165-1	3453621	3488442	3441278	3461114	0.71	cps
Holmium	165-2	1742374	1721885	1751857	1738705	0.88	cps
Indium	115-1	3200086	3201403	3232574	3211354	0.57	cps
Indium	115-2	492054	498232	494994	495093	0.62	cps
Iron	54-2	3570311	3559845	3474685	3534947	1.48	cps
Iron	56-2	64888845	64705543	65439331	65011239	0.59	cps
Iron	57-2	1646481	1619700	1653953	1640045	1.10	cps
Krypton	83-1	633	600	507	580	11.32	cps
Lead	207-1	99966	101102	101299	100789	0.71	cps
Lead	208-1	523597	525634	527923	525718	0.41	cps
Lead	206-1	123365	122994	123156	123171	0.15	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01	Instrumnet Name :	P8
Client Sample ID :	SG1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:02:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	929208	935003	909593	924602	1.44	cps
Magnesium	24-2	1563176	1557779	1568264	1563073	0.34	cps
Manganese	55-2	973108	977933	975626	975556	0.25	cps
Molybdenum	94-1	151343	153228	156836	153802	1.81	cps
Molybdenum	95-1	1600	1442	1392	1478	7.36	cps
Molybdenum	96-1	26058	27870	26384	26771	3.61	cps
Molybdenum	97-1	1083	883	900	956	11.61	cps
Molybdenum	98-1	2525	2542	2417	2495	2.72	cps
Neodymium	150-1	185173	185974	185273	185474	0.24	cps
Neodymium	150-2	65332	67137	66494	66321	1.38	cps
Nickel	60-2	36360	36701	36173	36411	0.74	cps
Phosphorus	31-2	20582	20782	20289	20551	1.21	cps
Potassium	39-2	858780	861439	857573	859264	0.23	cps
Rhodium	103-1	3003790	2982500	2969375	2985222	0.58	cps
Rhodium	103-2	1449670	1469411	1470529	1463203	0.80	cps
Scandium	45-1	2435618	2452602	2373263	2420494	1.73	cps
Scandium	45-2	74361	75527	74817	74902	0.78	cps
Selenium	77-2	333	280	337	317	10.04	cps
Selenium	78-2	171	170	167	169	1.23	cps
Selenium	82-1	227	233	380	280	30.84	cps
Silicon	28-1	911168	910168	891324	904220	1.24	cps
Silver	109-1	667	750	667	694	6.93	cps
Silver	107-1	1092	850	883	942	13.91	cps
Sodium	23-2	158597	159440	159658	159232	0.35	cps
Strontium	86-1	1438890	1456838	1455231	1450320	0.68	cps
Strontium	88-1	12647305	12617660	12418064	12561010	0.99	cps
Sulfur	34-1	521148	512928	514565	516214	0.84	cps
Terbium	159-1	3690760	3652987	3691262	3678336	0.60	cps
Terbium	159-2	1712596	1754205	1758544	1741781	1.46	cps
Thallium	203-1	2084	2200	2042	2109	3.89	cps
Thallium	205-1	4393	5059	4934	4795	7.39	cps
Tin	118-1	1158	1192	1208	1186	2.15	cps
Titanium	47-1	10763	10054	11255	10690	5.65	cps
Uranium	238-1	84975	82635	83515	83708	1.41	cps
Vanadium	51-2	105811	104918	104609	105113	0.59	cps
Yttrium	89-1	6089001	6118917	6037988	6081968	0.67	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01	Instrumnet Name :	P8
Client Sample ID :	SG1	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:02:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	667661	668480	672612	669584	0.40	cps
Zinc	66-2	44712	44283	44721	44572	0.56	cps
Zirconium	90-1	424750	419013	425979	423247	0.88	cps
Zirconium	91-1	92884	92884	93941	93236	0.65	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LX5	Instrumnet Name :	P8
Client Sample ID :	SG1L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:05:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231879	231553	230827	231420	0.23	cps
Antimony	121-1	75	125	117	106	25.38	cps
Arsenic	75-2	1134	1124	1096	1118	1.76	cps
Barium	135-1	63574	62177	63165	62972	1.14	cps
Barium	137-1	108542	109214	111095	109617	1.21	cps
Beryllium	9-1	800	808	796	801	0.76	cps
Bismuth	209-1	1995025	2018546	1978823	1997465	1.00	cps
Bismuth	209-2	1176138	1160228	1189752	1175372	1.26	cps
Boron	11-1	6984	7140	6794	6973	2.49	cps
Boron	10-1	1490	1454	1394	1446	3.35	cps
Bromine	81-1	7079	6679	7359	7039	4.86	cps
Cadmium	106-1	958	1092	1017	1022	6.54	cps
Cadmium	108-1	71	83	50	68	24.74	cps
Cadmium	111-1	871	914	885	890	2.46	cps
Calcium	43-1	2781464	2913213	2847263	2847313	2.31	cps
Calcium	44-1	45289428	47770524	47022549	46694167	2.73	cps
Chromium	52-2	27042	26845	26321	26736	1.39	cps
Cobalt	59-2	11268	11158	10948	11124	1.46	cps
Copper	63-2	9875	9971	9749	9865	1.13	cps
Dysprosium	156-1	23037	22904	22903	22948	0.34	cps
Dysprosium	156-2	10608	10901	10808	10772	1.39	cps
Erbium	164-1	20024	19832	19423	19760	1.55	cps
Erbium	164-2	9910	9744	9730	9795	1.02	cps
Gadolinium	160-1	21710	21852	22161	21907	1.05	cps
Gadolinium	160-2	12593	12950	12729	12757	1.41	cps
Holmium	165-1	3232442	3311574	3261487	3268501	1.22	cps
Holmium	165-2	1641609	1625189	1652315	1639705	0.83	cps
Indium	115-1	3019932	3083216	3022051	3041733	1.18	cps
Indium	115-2	482184	487246	483341	484257	0.55	cps
Iron	54-2	684358	684370	688211	685646	0.32	cps
Iron	56-2	12776044	12631330	12796433	12734603	0.71	cps
Iron	57-2	316492	311070	312885	313482	0.88	cps
Krypton	83-1	353	467	463	428	15.08	cps
Lead	207-1	20316	19943	20511	20257	1.42	cps
Lead	208-1	104837	107590	107053	106493	1.37	cps
Lead	206-1	25114	25731	25247	25364	1.28	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LX5	Instrumnet Name :	P8
Client Sample ID :	SG1L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:05:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	862745	869242	867179	866389	0.38	cps
Magnesium	24-2	301474	303187	303501	302721	0.36	cps
Manganese	55-2	193541	189608	190497	191215	1.08	cps
Molybdenum	94-1	28630	30651	30826	30036	4.06	cps
Molybdenum	95-1	383	317	333	344	10.07	cps
Molybdenum	96-1	5259	5685	5960	5635	6.26	cps
Molybdenum	97-1	142	183	267	197	32.27	cps
Molybdenum	98-1	608	617	433	553	18.73	cps
Neodymium	150-1	34959	35908	36135	35668	1.75	cps
Neodymium	150-2	12796	12703	13020	12840	1.27	cps
Nickel	60-2	7455	7192	7052	7233	2.83	cps
Phosphorus	31-2	4409	4476	3776	4220	9.16	cps
Potassium	39-2	183363	180536	183009	182303	0.84	cps
Rhodium	103-1	2939734	2958241	3009762	2969246	1.22	cps
Rhodium	103-2	1440229	1423192	1433262	1432228	0.60	cps
Scandium	45-1	2159104	2242651	2217153	2206303	1.94	cps
Scandium	45-2	68817	67990	68764	68524	0.68	cps
Selenium	77-2	43	70	77	63	27.85	cps
Selenium	78-2	53	57	70	60	14.81	cps
Selenium	82-1	120	48	-28	47	157.44	cps
Silicon	28-1	512672	505885	508300	508952	0.68	cps
Silver	109-1	258	183	317	253	26.44	cps
Silver	107-1	308	275	333	306	9.58	cps
Sodium	23-2	48072	47812	48774	48219	1.03	cps
Strontium	86-1	276022	283833	286060	281972	1.87	cps
Strontium	88-1	2442009	2463558	2506408	2470658	1.33	cps
Sulfur	34-1	500249	493514	491469	495077	0.93	cps
Terbium	159-1	3464287	3555666	3518719	3512891	1.31	cps
Terbium	159-2	1621312	1621957	1650778	1631349	1.03	cps
Thallium	203-1	458	383	475	439	11.13	cps
Thallium	205-1	992	1092	1150	1078	7.43	cps
Tin	118-1	367	425	425	406	8.30	cps
Titanium	47-1	2334	2267	2784	2461	11.42	cps
Uranium	238-1	15610	16353	16077	16013	2.34	cps
Vanadium	51-2	20331	20612	20128	20357	1.19	cps
Yttrium	89-1	4251655	4378805	4431134	4353865	2.12	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LX5	Instrumnet Name :	P8
Client Sample ID :	SG1L	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:05:56	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	479208	476774	476902	477628	0.29	cps
Zinc	66-2	9240	8710	8998	8983	2.95	cps
Zirconium	90-1	80557	79962	82159	80893	1.40	cps
Zirconium	91-1	18137	18746	18196	18360	1.83	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MS	Instrumnet Name :	P8
Client Sample ID :	SG1MS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:08:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1834630	1812425	1829589	1825548	0.64	cps
Antimony	121-1	16160	15951	16752	16288	2.55	cps
Arsenic	75-2	52759	51375	52350	52161	1.36	cps
Barium	135-1	951469	969489	963687	961549	0.96	cps
Barium	137-1	1684840	1712135	1700101	1699025	0.81	cps
Beryllium	9-1	295894	296132	297764	296597	0.34	cps
Bismuth	209-1	1956723	1928686	1947393	1944267	0.73	cps
Bismuth	209-2	1139844	1129997	1148389	1139410	0.81	cps
Boron	11-1	62162	70787	75155	69368	9.53	cps
Boron	10-1	12587	14138	15073	13933	9.01	cps
Bromine	81-1	13039	15555	16978	15191	13.13	cps
Cadmium	106-1	30944	31595	30944	31161	1.21	cps
Cadmium	108-1	20040	20853	20849	20581	2.28	cps
Cadmium	111-1	288801	294605	291296	291567	1.00	cps
Calcium	43-1	15073428	15227771	15272943	15191380	0.69	cps
Calcium	44-1	247937214	250784581	254938831	251220208	1.40	cps
Chromium	52-2	505875	508379	508593	507616	0.30	cps
Cobalt	59-2	648595	647152	648052	647933	0.11	cps
Copper	63-2	435726	438619	436062	436802	0.36	cps
Dysprosium	156-1	125958	126512	125242	125904	0.51	cps
Dysprosium	156-2	61313	58601	58976	59630	2.46	cps
Erbium	164-1	107416	111432	109533	109460	1.84	cps
Erbium	164-2	52985	51861	52343	52396	1.08	cps
Gadolinium	160-1	124529	125184	124495	124736	0.31	cps
Gadolinium	160-2	71554	71045	70160	70920	0.99	cps
Holmium	165-1	3363043	3292684	3351113	3335614	1.13	cps
Holmium	165-2	1664214	1638844	1654663	1652574	0.78	cps
Indium	115-1	3042878	3077386	3020501	3046922	0.94	cps
Indium	115-2	470713	467462	475520	471232	0.86	cps
Iron	54-2	4605966	4634862	4574186	4605005	0.66	cps
Iron	56-2	85138035	85690307	84715752	85181365	0.57	cps
Iron	57-2	2168758	2122718	2116300	2135925	1.34	cps
Krypton	83-1	663	560	603	609	8.52	cps
Lead	207-1	728541	736208	734099	732949	0.54	cps
Lead	208-1	3704640	3747683	3722445	3724923	0.58	cps
Lead	206-1	804974	831768	818624	818455	1.64	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MS	Instrumnet Name :	P8
Client Sample ID :	SG1MS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:08:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	865288	871952	875840	871027	0.61	cps
Magnesium	24-2	3879172	3789098	3820704	3829658	1.19	cps
Manganese	55-2	1190886	1193594	1183394	1189291	0.44	cps
Molybdenum	94-1	1164868	1178935	1178693	1174165	0.69	cps
Molybdenum	95-1	795896	799971	797273	797714	0.26	cps
Molybdenum	96-1	958540	972284	968432	966419	0.73	cps
Molybdenum	97-1	487703	483613	494653	488657	1.14	cps
Molybdenum	98-1	1243298	1258056	1254688	1252014	0.62	cps
Neodymium	150-1	197854	203368	202991	201404	1.53	cps
Neodymium	150-2	71804	70450	71050	71102	0.95	cps
Nickel	60-2	203197	200931	202483	202204	0.57	cps
Phosphorus	31-2	22793	22885	22075	22585	1.96	cps
Potassium	39-2	1523060	1487428	1483000	1497829	1.47	cps
Rhodium	103-1	2873216	2886847	2876084	2878715	0.25	cps
Rhodium	103-2	1379101	1374086	1386708	1379965	0.46	cps
Scandium	45-1	2348710	2293354	2322907	2321657	1.19	cps
Scandium	45-2	72475	71447	71764	71895	0.73	cps
Selenium	77-2	863	903	900	889	2.50	cps
Selenium	78-2	2020	2058	2024	2034	1.03	cps
Selenium	82-1	18546	19423	19413	19128	2.63	cps
Silicon	28-1	1031375	1127576	1079325	1079425	4.46	cps
Silver	109-1	1214738	1245237	1240099	1233358	1.32	cps
Silver	107-1	1283184	1301333	1285062	1289859	0.77	cps
Sodium	23-2	3983132	3926888	3982944	3964321	0.82	cps
Strontium	86-1	1825841	1878901	1901713	1868819	2.08	cps
Strontium	88-1	16086683	16423092	16311802	16273859	1.05	cps
Sulfur	34-1	507912	507558	508937	508136	0.14	cps
Terbium	159-1	3499941	3567030	3591823	3552931	1.34	cps
Terbium	159-2	1696796	1644929	1642816	1661514	1.84	cps
Thallium	203-1	805291	811827	796296	804471	0.97	cps
Thallium	205-1	1916465	1909275	1909084	1911608	0.22	cps
Tin	118-1	79246	80671	80068	79995	0.89	cps
Titanium	47-1	79059	78951	80408	79473	1.02	cps
Uranium	238-1	2653246	2698160	2694827	2682078	0.93	cps
Vanadium	51-2	389614	387634	385459	387569	0.54	cps
Yttrium	89-1	6086012	6138114	6137935	6120687	0.49	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MS	Instrumnet Name :	P8
Client Sample ID :	SG1MS	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:08:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	662859	659156	667392	663136	0.62	cps
Zinc	66-2	113236	111381	112592	112403	0.84	cps
Zirconium	90-1	1995080	2027552	2014304	2012312	0.81	cps
Zirconium	91-1	438543	439233	445751	441175	0.90	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSD	Instrumnet Name :	P8
Client Sample ID :	SG1MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:11:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1866560	1877582	1872716	1872286	0.29	cps
Antimony	121-1	37828	39750	39357	38978	2.60	cps
Arsenic	75-2	49978	50363	50119	50153	0.39	cps
Barium	135-1	1331941	1346355	1335749	1338015	0.56	cps
Barium	137-1	2349627	2406051	2391018	2382232	1.23	cps
Beryllium	9-1	281438	281800	283085	282108	0.31	cps
Bismuth	209-1	1953503	1904707	1917632	1925281	1.31	cps
Bismuth	209-2	1118462	1143191	1139666	1133773	1.18	cps
Boron	11-1	109438	122643	130028	120703	8.64	cps
Boron	10-1	22268	25110	26875	24751	9.39	cps
Bromine	81-1	13661	15294	16276	15077	8.76	cps
Cadmium	106-1	29290	29741	29591	29541	0.78	cps
Cadmium	108-1	19318	19710	19848	19625	1.40	cps
Cadmium	111-1	274305	282197	280292	278931	1.48	cps
Calcium	43-1	14425193	14734990	14831408	14663864	1.45	cps
Calcium	44-1	240004997	243062072	245493880	242853650	1.13	cps
Chromium	52-2	492005	495148	489849	492334	0.54	cps
Cobalt	59-2	625531	626751	623154	625145	0.29	cps
Copper	63-2	721391	719975	714412	718593	0.51	cps
Dysprosium	156-1	123795	126039	126671	125502	1.20	cps
Dysprosium	156-2	60084	59910	60319	60104	0.34	cps
Erbium	164-1	108071	110659	108625	109119	1.25	cps
Erbium	164-2	52777	52670	51948	52465	0.86	cps
Gadolinium	160-1	124026	125531	122727	124095	1.13	cps
Gadolinium	160-2	70456	71269	70522	70749	0.64	cps
Holmium	165-1	3306139	3256715	3281525	3281460	0.75	cps
Holmium	165-2	1645519	1632571	1681208	1653099	1.52	cps
Indium	115-1	2994698	3010033	3016453	3007061	0.37	cps
Indium	115-2	467062	469543	474868	470491	0.85	cps
Iron	54-2	4717474	4769357	4718733	4735188	0.63	cps
Iron	56-2	86559930	87101244	86490185	86717120	0.39	cps
Iron	57-2	2218331	2174425	2175934	2189563	1.14	cps
Krypton	83-1	617	660	637	638	3.40	cps
Lead	207-1	683322	700977	695957	693419	1.31	cps
Lead	208-1	3445850	3518132	3495486	3486489	1.06	cps
Lead	206-1	782960	787415	786431	785602	0.30	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSD	Instrumnet Name :	P8
Client Sample ID :	SG1MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:11:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	865447	857653	863738	862279	0.48	cps
Magnesium	24-2	3676830	3711961	3682423	3690404	0.51	cps
Manganese	55-2	1202983	1205451	1201340	1203258	0.17	cps
Molybdenum	94-1	1662059	1702899	1678185	1681048	1.22	cps
Molybdenum	95-1	1646349	1685202	1660728	1664093	1.18	cps
Molybdenum	96-1	1882350	1940790	1896018	1906386	1.60	cps
Molybdenum	97-1	1028591	1042069	1037430	1036030	0.66	cps
Molybdenum	98-1	2646653	2668671	2662459	2659261	0.43	cps
Neodymium	150-1	195886	201407	197774	198356	1.41	cps
Neodymium	150-2	70276	71596	71164	71012	0.95	cps
Nickel	60-2	195717	194021	192184	193974	0.91	cps
Phosphorus	31-2	22568	22359	23252	22727	2.06	cps
Potassium	39-2	1759625	1775044	1760890	1765186	0.48	cps
Rhodium	103-1	2884519	2780143	2858387	2841016	1.91	cps
Rhodium	103-2	1377768	1382992	1397284	1386015	0.73	cps
Scandium	45-1	2326351	2307658	2356570	2330193	1.06	cps
Scandium	45-2	70757	71862	72653	71757	1.33	cps
Selenium	77-2	830	797	820	816	2.10	cps
Selenium	78-2	2056	1949	2052	2019	3.00	cps
Selenium	82-1	17719	18223	18669	18204	2.61	cps
Silicon	28-1	1281079	1433245	1322370	1345565	5.85	cps
Silver	109-1	1199330	1230963	1218869	1216387	1.31	cps
Silver	107-1	1256860	1282400	1291074	1276778	1.39	cps
Sodium	23-2	3705296	3771099	3743735	3740043	0.88	cps
Strontium	86-1	1780512	1831568	1859647	1823909	2.20	cps
Strontium	88-1	15487368	15510071	15706715	15568051	0.77	cps
Sulfur	34-1	497418	501946	499975	499779	0.45	cps
Terbium	159-1	3568430	3462187	3533692	3521436	1.54	cps
Terbium	159-2	1649554	1685988	1685761	1673767	1.25	cps
Thallium	203-1	781788	783925	781818	782510	0.16	cps
Thallium	205-1	1882795	1841077	1856422	1860098	1.13	cps
Tin	118-1	179566	182479	184978	182341	1.49	cps
Titanium	47-1	268311	272028	275145	271828	1.26	cps
Uranium	238-1	2486104	2548675	2569304	2534694	1.71	cps
Vanadium	51-2	382854	389904	383464	385407	1.01	cps
Yttrium	89-1	6086954	6058111	6093792	6079619	0.31	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSD	Instrumnet Name :	P8
Client Sample ID :	SG1MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:11:36	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	657629	664320	665556	662502	0.64	cps
Zinc	66-2	145468	144825	144580	144958	0.32	cps
Zirconium	90-1	2016792	2020425	2015794	2017671	0.12	cps
Zirconium	91-1	437664	449306	446584	444518	1.37	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01A	Instrumnet Name :	P8
Client Sample ID :	SG1A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:14:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1814490	1828616	1849606	1830904	0.97	cps
Antimony	121-1	20983	20791	21184	20986	0.94	cps
Arsenic	75-2	52298	52301	51677	52092	0.69	cps
Barium	135-1	1038014	1034024	1065779	1045939	1.65	cps
Barium	137-1	1825320	1814113	1844220	1827884	0.83	cps
Beryllium	9-1	294795	296318	295763	295626	0.26	cps
Bismuth	209-1	1913231	1956554	1977845	1949210	1.69	cps
Bismuth	209-2	1146032	1147623	1152487	1148714	0.29	cps
Boron	11-1	84852	92284	96145	91094	6.30	cps
Boron	10-1	17447	18590	19435	18491	5.40	cps
Bromine	81-1	14873	16557	17629	16353	8.50	cps
Cadmium	106-1	30342	30735	30760	30612	0.76	cps
Cadmium	108-1	20190	19643	20737	20190	2.71	cps
Cadmium	111-1	288472	288683	293012	290056	0.88	cps
Calcium	43-1	14957606	15227744	15310625	15165325	1.22	cps
Calcium	44-1	246698206	249606631	254322564	250209133	1.54	cps
Chromium	52-2	508778	508679	510053	509170	0.15	cps
Cobalt	59-2	657275	657303	655010	656530	0.20	cps
Copper	63-2	502357	496491	500838	499895	0.61	cps
Dysprosium	156-1	125821	127790	125494	126369	0.98	cps
Dysprosium	156-2	59612	60285	60784	60227	0.98	cps
Erbium	164-1	109440	109985	112188	110538	1.32	cps
Erbium	164-2	52891	52487	53601	52993	1.06	cps
Gadolinium	160-1	125235	125116	126127	125493	0.44	cps
Gadolinium	160-2	70861	71638	70606	71035	0.76	cps
Holmium	165-1	3308076	3317871	3331147	3319031	0.35	cps
Holmium	165-2	1670793	1653314	1681988	1668698	0.87	cps
Indium	115-1	3058087	2994823	2995315	3016075	1.21	cps
Indium	115-2	478946	474999	480346	478097	0.58	cps
Iron	54-2	4703026	4716343	4712966	4710778	0.15	cps
Iron	56-2	86426046	86890280	86870308	86728878	0.30	cps
Iron	57-2	2187352	2207543	2159993	2184963	1.09	cps
Krypton	83-1	603	577	577	586	2.63	cps
Lead	207-1	715859	725128	725312	722100	0.75	cps
Lead	208-1	3634425	3749077	3762666	3715389	1.90	cps
Lead	206-1	798614	813407	820986	811002	1.40	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01A	Instrumnet Name :	P8
Client Sample ID :	SG1A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:14:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	881294	870072	905395	885587	2.04	cps
Magnesium	24-2	3823228	3871803	3884309	3859780	0.84	cps
Manganese	55-2	1199349	1199327	1205884	1201520	0.31	cps
Molybdenum	94-1	1267946	1281749	1297582	1282426	1.16	cps
Molybdenum	95-1	968959	981362	978271	976197	0.66	cps
Molybdenum	96-1	1143593	1155089	1179889	1159524	1.60	cps
Molybdenum	97-1	593959	605980	617781	605906	1.97	cps
Molybdenum	98-1	1559134	1537581	1594799	1563838	1.85	cps
Neodymium	150-1	196942	202995	199518	199818	1.52	cps
Neodymium	150-2	70903	71550	71704	71385	0.60	cps
Nickel	60-2	203297	202528	202091	202639	0.30	cps
Phosphorus	31-2	23378	23277	23837	23497	1.27	cps
Potassium	39-2	1536769	1585726	1564767	1562421	1.57	cps
Rhodium	103-1	2908845	2921920	2909048	2913271	0.26	cps
Rhodium	103-2	1404605	1402463	1413426	1406831	0.41	cps
Scandium	45-1	2336739	2308214	2355292	2333415	1.02	cps
Scandium	45-2	72927	73688	73915	73510	0.70	cps
Selenium	77-2	847	877	787	837	5.48	cps
Selenium	78-2	2014	2143	2132	2097	3.41	cps
Selenium	82-1	18864	19007	19189	19020	0.86	cps
Silicon	28-1	1134345	1180948	1520148	1278480	16.47	cps
Silver	109-1	1244526	1259212	1270451	1258063	1.03	cps
Silver	107-1	1320807	1314121	1317739	1317556	0.25	cps
Sodium	23-2	3819040	3986702	3969027	3924923	2.35	cps
Strontium	86-1	1836672	1940715	1917767	1898385	2.88	cps
Strontium	88-1	15947414	16440023	16559953	16315797	1.99	cps
Sulfur	34-1	501928	506729	504525	504394	0.48	cps
Terbium	159-1	3527103	3536421	3531645	3531723	0.13	cps
Terbium	159-2	1685578	1698446	1688406	1690810	0.40	cps
Thallium	203-1	798084	804712	811616	804804	0.84	cps
Thallium	205-1	1871437	1913667	1929198	1904767	1.57	cps
Tin	118-1	100023	103045	101138	101402	1.51	cps
Titanium	47-1	117537	117344	119629	118170	1.07	cps
Uranium	238-1	2586862	2660321	2710616	2652600	2.35	cps
Vanadium	51-2	387648	392299	390915	390287	0.61	cps
Yttrium	89-1	6111641	6206196	6224532	6180790	0.98	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01A	Instrumnet Name :	P8
Client Sample ID :	SG1A	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:14:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	678578	667620	670035	672078	0.86	cps
Zinc	66-2	115003	115918	115687	115536	0.41	cps
Zirconium	90-1	2012226	2059033	2047545	2039601	1.20	cps
Zirconium	91-1	445758	446718	449563	447346	0.44	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUP	Instrumnet Name :	P8
Client Sample ID :	SG1DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:17:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257423	1267510	1269652	1264862	0.52	cps
Antimony	121-1	125	125	200	150	28.87	cps
Arsenic	75-2	5787	5693	5864	5781	1.48	cps
Barium	135-1	332971	337589	330855	333805	1.03	cps
Barium	137-1	576070	580754	582025	579616	0.54	cps
Beryllium	9-1	4200	4234	4050	4161	2.35	cps
Bismuth	209-1	2068911	2080224	2074359	2074498	0.27	cps
Bismuth	209-2	1203658	1205961	1204056	1204558	0.10	cps
Boron	11-1	23294	22987	22557	22946	1.61	cps
Boron	10-1	4850	4512	4526	4629	4.13	cps
Bromine	81-1	14943	15665	16637	15748	5.40	cps
Cadmium	106-1	2317	2209	2242	2256	2.46	cps
Cadmium	108-1	400	379	317	365	11.87	cps
Cadmium	111-1	2671	2660	2698	2676	0.73	cps
Calcium	43-1	15015668	15071683	15091294	15059548	0.26	cps
Calcium	44-1	250019431	250628214	250213006	250286883	0.12	cps
Chromium	52-2	136131	137517	137900	137183	0.68	cps
Cobalt	59-2	54725	55862	55672	55420	1.10	cps
Copper	63-2	47907	47404	47036	47449	0.92	cps
Dysprosium	156-1	118909	120658	120044	119870	0.74	cps
Dysprosium	156-2	56623	57784	56934	57114	1.05	cps
Erbium	164-1	103602	105415	104627	104548	0.87	cps
Erbium	164-2	50285	50974	49850	50369	1.13	cps
Gadolinium	160-1	118212	118238	117196	117882	0.50	cps
Gadolinium	160-2	66900	66823	67372	67032	0.44	cps
Holmium	165-1	3513109	3513593	3450356	3492353	1.04	cps
Holmium	165-2	1774045	1767284	1742294	1761207	0.95	cps
Indium	115-1	3211761	3225196	3253998	3230318	0.67	cps
Indium	115-2	498045	494775	501751	498190	0.70	cps
Iron	54-2	3671943	3640020	3641629	3651197	0.49	cps
Iron	56-2	66470854	66469678	67239836	66726789	0.67	cps
Iron	57-2	1671663	1644043	1683206	1666304	1.21	cps
Krypton	83-1	550	577	600	576	4.35	cps
Lead	207-1	103090	104831	104383	104101	0.87	cps
Lead	208-1	546108	548840	545749	546899	0.31	cps
Lead	206-1	127452	129120	127262	127945	0.80	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUP	Instrumnet Name :	P8
Client Sample ID :	SG1DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:17:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	931047	915941	927985	924991	0.86	cps
Magnesium	24-2	1576327	1604603	1596825	1592585	0.92	cps
Manganese	55-2	993128	991604	993410	992714	0.10	cps
Molybdenum	94-1	161346	160941	160266	160851	0.34	cps
Molybdenum	95-1	1842	1525	1683	1683	9.41	cps
Molybdenum	96-1	28221	28079	27628	27976	1.11	cps
Molybdenum	97-1	950	1133	1033	1039	8.84	cps
Molybdenum	98-1	2375	2492	2450	2439	2.42	cps
Neodymium	150-1	191437	189113	187982	189511	0.93	cps
Neodymium	150-2	66802	66383	67877	67021	1.15	cps
Nickel	60-2	37145	37506	36550	37067	1.30	cps
Phosphorus	31-2	21007	20432	20290	20576	1.85	cps
Potassium	39-2	868813	878184	882339	876445	0.79	cps
Rhodium	103-1	3034679	3109093	3044245	3062673	1.32	cps
Rhodium	103-2	1495993	1461425	1468886	1475435	1.23	cps
Scandium	45-1	2511318	2440562	2446130	2466003	1.60	cps
Scandium	45-2	75199	75500	75406	75369	0.20	cps
Selenium	77-2	283	233	307	274	13.65	cps
Selenium	78-2	168	166	190	175	7.62	cps
Selenium	82-1	344	237	284	288	18.59	cps
Silicon	28-1	892211	921217	943760	919063	2.81	cps
Silver	109-1	692	750	775	739	5.79	cps
Silver	107-1	925	1050	1092	1022	8.48	cps
Sodium	23-2	159279	161885	163584	161583	1.34	cps
Strontium	86-1	1518838	1519179	1523576	1520531	0.17	cps
Strontium	88-1	13226637	13003563	13014000	13081400	0.96	cps
Sulfur	34-1	508766	512899	511682	511115	0.42	cps
Terbium	159-1	3711800	3723308	3732966	3722691	0.28	cps
Terbium	159-2	1795577	1769121	1722398	1762365	2.10	cps
Thallium	203-1	2667	2459	2300	2475	7.43	cps
Thallium	205-1	6085	5460	5476	5674	6.28	cps
Tin	118-1	1100	1192	1133	1142	4.06	cps
Titanium	47-1	10904	11030	10229	10721	4.02	cps
Uranium	238-1	84169	84069	83516	83918	0.42	cps
Vanadium	51-2	107500	108013	107779	107764	0.24	cps
Yttrium	89-1	6382720	6242137	6220309	6281722	1.40	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUP	Instrumnet Name :	P8
Client Sample ID :	SG1DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:17:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	675605	669617	681948	675724	0.91	cps
Zinc	66-2	42937	43205	43432	43191	0.57	cps
Zirconium	90-1	444323	443963	443352	443879	0.11	cps
Zirconium	91-1	98069	97859	98087	98005	0.13	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:20:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236216	231157	237268	234880	1.39	cps
Antimony	121-1	83	58	50	64	27.16	cps
Arsenic	75-2	1083	1130	1148	1120	3.00	cps
Barium	135-1	64696	63064	63642	63801	1.30	cps
Barium	137-1	110609	111894	111423	111309	0.58	cps
Beryllium	9-1	896	842	878	872	3.15	cps
Bismuth	209-1	2023939	2020957	1991086	2011994	0.90	cps
Bismuth	209-2	1208862	1190278	1200449	1199863	0.78	cps
Boron	11-1	9271	9161	8593	9008	4.04	cps
Boron	10-1	1894	1824	1754	1824	3.84	cps
Bromine	81-1	8131	7650	7360	7713	5.05	cps
Cadmium	106-1	1042	1033	1125	1067	4.75	cps
Cadmium	108-1	75	67	63	68	9.35	cps
Cadmium	111-1	964	893	1002	953	5.79	cps
Calcium	43-1	2904542	2897286	2911152	2904327	0.24	cps
Calcium	44-1	47147793	47765859	48031976	47648543	0.95	cps
Chromium	52-2	27994	27229	27213	27479	1.62	cps
Cobalt	59-2	11455	10661	11071	11062	3.59	cps
Copper	63-2	9617	10002	10094	9904	2.56	cps
Dysprosium	156-1	22578	22995	22461	22678	1.24	cps
Dysprosium	156-2	11141	10714	11015	10957	2.00	cps
Erbium	164-1	19106	19924	19431	19487	2.11	cps
Erbium	164-2	9844	9217	9700	9587	3.43	cps
Gadolinium	160-1	22010	23204	23087	22767	2.89	cps
Gadolinium	160-2	13187	13056	13200	13148	0.60	cps
Holmium	165-1	3254455	3361357	3324258	3313356	1.64	cps
Holmium	165-2	1664634	1638191	1655161	1652662	0.81	cps
Indium	115-1	3170972	3112408	3106868	3130083	1.13	cps
Indium	115-2	495564	493840	490718	493374	0.50	cps
Iron	54-2	696571	696637	705524	699577	0.74	cps
Iron	56-2	13010745	12830837	13032018	12957867	0.85	cps
Iron	57-2	319903	315445	319743	318364	0.79	cps
Krypton	83-1	350	410	433	398	10.81	cps
Lead	207-1	20600	21162	20455	20739	1.80	cps
Lead	208-1	108363	108375	108413	108383	0.02	cps
Lead	206-1	25409	25292	25893	25531	1.25	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:20:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	878794	876838	867535	874389	0.69	cps
Magnesium	24-2	306471	301890	305959	304773	0.82	cps
Manganese	55-2	195784	193089	196270	195048	0.88	cps
Molybdenum	94-1	29691	30367	31603	30554	3.17	cps
Molybdenum	95-1	417	417	308	381	16.44	cps
Molybdenum	96-1	5443	5668	5551	5554	2.03	cps
Molybdenum	97-1	192	192	233	206	11.70	cps
Molybdenum	98-1	592	408	500	500	18.33	cps
Neodymium	150-1	35454	36055	37252	36254	2.52	cps
Neodymium	150-2	13213	13010	12946	13056	1.07	cps
Nickel	60-2	7489	7572	7515	7525	0.57	cps
Phosphorus	31-2	4042	4142	4292	4159	3.03	cps
Potassium	39-2	184198	182890	186198	184429	0.90	cps
Rhodium	103-1	3023343	2995254	2991897	3003498	0.57	cps
Rhodium	103-2	1503721	1481165	1477017	1487301	0.97	cps
Scandium	45-1	2234207	2279758	2269537	2261167	1.06	cps
Scandium	45-2	70797	70030	70727	70518	0.60	cps
Selenium	77-2	47	73	43	54	30.20	cps
Selenium	78-2	58	63	70	64	9.47	cps
Selenium	82-1	120	71	67	86	34.48	cps
Silicon	28-1	518906	562415	502965	528095	5.83	cps
Silver	109-1	225	250	158	211	22.45	cps
Silver	107-1	317	350	258	308	15.05	cps
Sodium	23-2	50162	49518	50421	50034	0.93	cps
Strontium	86-1	286146	287343	287720	287070	0.29	cps
Strontium	88-1	2504776	2502732	2571995	2526501	1.56	cps
Sulfur	34-1	491562	490223	487655	489813	0.41	cps
Terbium	159-1	3501934	3573583	3531125	3535547	1.02	cps
Terbium	159-2	1684400	1667914	1685973	1679429	0.60	cps
Thallium	203-1	500	375	517	464	16.69	cps
Thallium	205-1	1208	1200	1183	1197	1.06	cps
Tin	118-1	400	425	342	389	11.00	cps
Titanium	47-1	2425	2517	2567	2503	2.87	cps
Uranium	238-1	16286	15718	16720	16241	3.09	cps
Vanadium	51-2	21116	20635	20715	20822	1.24	cps
Yttrium	89-1	4436250	4414893	4555800	4468981	1.70	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:20:05	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	487209	486409	484082	485900	0.33	cps
Zinc	66-2	9562	9167	9346	9358	2.12	cps
Zirconium	90-1	82377	83977	84934	83762	1.54	cps
Zirconium	91-1	18655	18087	18696	18479	1.84	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:22:53	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237861	235261	236898	236673	0.56	cps
Antimony	121-1	75	42	58	58	28.57	cps
Arsenic	75-2	1132	1125	1125	1127	0.36	cps
Barium	135-1	65392	67083	66288	66254	1.28	cps
Barium	137-1	116231	115154	112961	114782	1.45	cps
Beryllium	9-1	842	876	848	855	2.12	cps
Bismuth	209-1	2089518	2127658	2069522	2095566	1.41	cps
Bismuth	209-2	1204241	1196637	1201289	1200723	0.32	cps
Boron	11-1	6954	6968	7066	6996	0.87	cps
Boron	10-1	1478	1456	1512	1482	1.90	cps
Bromine	81-1	5997	6308	6118	6141	2.55	cps
Cadmium	106-1	1192	967	1008	1056	11.34	cps
Cadmium	108-1	92	92	100	94	5.09	cps
Cadmium	111-1	1041	854	957	951	9.83	cps
Calcium	43-1	3021340	2996535	2967428	2995101	0.90	cps
Calcium	44-1	48894435	49825081	49330106	49349874	0.94	cps
Chromium	52-2	27547	27423	27376	27449	0.32	cps
Cobalt	59-2	10951	11011	10851	10938	0.74	cps
Copper	63-2	10321	10209	9814	10114	2.63	cps
Dysprosium	156-1	23563	24214	23079	23619	2.41	cps
Dysprosium	156-2	11345	11008	10891	11081	2.13	cps
Erbium	164-1	20458	20975	20658	20697	1.26	cps
Erbium	164-2	9640	9867	9817	9775	1.22	cps
Gadolinium	160-1	23371	23530	23789	23563	0.89	cps
Gadolinium	160-2	13167	12579	12853	12866	2.28	cps
Holmium	165-1	3411803	3453047	3361572	3408807	1.34	cps
Holmium	165-2	1687618	1683073	1670099	1680263	0.54	cps
Indium	115-1	3208451	3283769	3134187	3208803	2.33	cps
Indium	115-2	494041	493858	496366	494755	0.28	cps
Iron	54-2	713087	715607	703623	710772	0.89	cps
Iron	56-2	13200693	13320948	13075337	13198993	0.93	cps
Iron	57-2	321748	325819	319755	322441	0.96	cps
Krypton	83-1	480	483	513	492	3.73	cps
Lead	207-1	21507	21485	21162	21385	0.90	cps
Lead	208-1	110703	112615	109691	111003	1.34	cps
Lead	206-1	26277	26867	25498	26214	2.62	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:22:53	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	902449	917132	879218	899600	2.13	cps
Magnesium	24-2	316212	315391	308698	313434	1.31	cps
Manganese	55-2	196164	199407	193230	196267	1.57	cps
Molybdenum	94-1	32338	31386	31094	31606	2.06	cps
Molybdenum	95-1	383	442	317	381	16.44	cps
Molybdenum	96-1	5293	5401	5026	5240	3.68	cps
Molybdenum	97-1	183	158	250	197	24.03	cps
Molybdenum	98-1	517	550	467	511	8.21	cps
Neodymium	150-1	37526	38282	35975	37261	3.16	cps
Neodymium	150-2	13213	13413	13090	13239	1.23	cps
Nickel	60-2	7345	7642	7575	7521	2.07	cps
Phosphorus	31-2	4517	3867	4284	4223	7.80	cps
Potassium	39-2	186377	187153	187142	186891	0.24	cps
Rhodium	103-1	3124361	3217028	3050149	3130513	2.67	cps
Rhodium	103-2	1479788	1476157	1529932	1495292	2.01	cps
Scandium	45-1	2327031	2349057	2256872	2310986	2.08	cps
Scandium	45-2	71567	69641	70760	70656	1.37	cps
Selenium	77-2	63	80	73	72	11.62	cps
Selenium	78-2	61	74	63	66	10.60	cps
Selenium	82-1	16	19	-17	6	328.15	cps
Silicon	28-1	508801	503204	504499	505501	0.58	cps
Silver	109-1	200	225	158	194	17.32	cps
Silver	107-1	267	267	300	278	6.93	cps
Sodium	23-2	49309	50605	48339	49418	2.30	cps
Strontium	86-1	292077	302097	289659	294611	2.24	cps
Strontium	88-1	2608300	2671381	2600864	2626849	1.47	cps
Sulfur	34-1	495162	492770	492420	493451	0.30	cps
Terbium	159-1	3609901	3683794	3550406	3614700	1.85	cps
Terbium	159-2	1700416	1706125	1690224	1698922	0.47	cps
Thallium	203-1	583	483	433	500	15.28	cps
Thallium	205-1	1042	1175	1117	1111	6.02	cps
Tin	118-1	425	367	408	400	7.51	cps
Titanium	47-1	2709	2309	2609	2542	8.19	cps
Uranium	238-1	17262	16728	16211	16734	3.14	cps
Vanadium	51-2	21379	21369	20378	21042	2.73	cps
Yttrium	89-1	4563515	4682545	4536863	4594308	1.69	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:22:53	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	483970	490791	494117	489626	1.06	cps
Zinc	66-2	9043	9163	9253	9153	1.15	cps
Zirconium	90-1	85805	87021	84958	85928	1.21	cps
Zirconium	91-1	18521	19481	19097	19033	2.54	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:27:57	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	704686	697606	698605	700299	0.55	cps
Antimony	121-1	1346120	1358060	1352146	1352109	0.44	cps
Arsenic	75-2	49355	48909	49121	49128	0.45	cps
Barium	135-1	1292582	1291899	1284625	1289702	0.34	cps
Barium	137-1	2277440	2351846	2285947	2305078	1.77	cps
Beryllium	9-1	297061	300101	302567	299910	0.92	cps
Bismuth	209-1	2025324	2058644	2051932	2045300	0.86	cps
Bismuth	209-2	1196055	1199611	1189874	1195180	0.41	cps
Boron	11-1	102316	117583	125673	115191	10.30	cps
Boron	10-1	21119	24007	25329	23485	9.17	cps
Bromine	81-1	3094	3204	3174	3157	1.80	cps
Cadmium	106-1	31863	31670	30643	31392	2.09	cps
Cadmium	108-1	21484	22473	21375	21777	2.78	cps
Cadmium	111-1	301551	306046	299375	302324	1.13	cps
Calcium	43-1	1682987	1694141	1711821	1696316	0.86	cps
Calcium	44-1	27316368	27951303	27824171	27697281	1.21	cps
Chromium	52-2	348085	344418	345836	346113	0.53	cps
Cobalt	59-2	622191	616352	620045	619529	0.48	cps
Copper	63-2	4853074	4759549	4754202	4788941	1.16	cps
Dysprosium	156-1	67	58	92	72	24.02	cps
Dysprosium	156-2	47	30	37	38	22.21	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	117	75	142	111	30.31	cps
Gadolinium	160-2	33	50	50	44	21.66	cps
Holmium	165-1	3393702	3395909	3435699	3408437	0.69	cps
Holmium	165-2	1722965	1709736	1692575	1708426	0.89	cps
Indium	115-1	3178456	3201591	3230930	3203659	0.82	cps
Indium	115-2	495074	493673	496059	494936	0.24	cps
Iron	54-2	3635830	3640131	3536939	3604300	1.62	cps
Iron	56-2	66717364	65461779	65519904	65899682	1.08	cps
Iron	57-2	1715868	1676451	1627661	1673327	2.64	cps
Krypton	83-1	443	473	417	444	6.38	cps
Lead	207-1	3191163	3210919	3199928	3200670	0.31	cps
Lead	208-1	15659843	16057225	15805115	15840728	1.27	cps
Lead	206-1	3478950	3552003	3486545	3505833	1.15	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:27:57	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	873259	877638	885210	878702	0.69	cps
Magnesium	24-2	10348530	10298027	10298890	10315149	0.28	cps
Manganese	55-2	1651128	1610801	1614129	1625353	1.38	cps
Molybdenum	94-1	2493632	2511179	2481709	2495507	0.59	cps
Molybdenum	95-1	2989371	3054914	3050665	3031650	1.21	cps
Molybdenum	96-1	3296510	3352801	3407562	3352291	1.66	cps
Molybdenum	97-1	1935946	1970898	1973346	1960063	1.07	cps
Molybdenum	98-1	4838652	4838293	4827243	4834729	0.13	cps
Neodymium	150-1	87	47	60	64	31.60	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	169517	166400	168576	168165	0.95	cps
Phosphorus	31-2	10504	9578	10112	10065	4.62	cps
Potassium	39-2	4033022	4008014	4000036	4013691	0.43	cps
Rhodium	103-1	3049981	3098786	3083350	3077372	0.81	cps
Rhodium	103-2	1482260	1487434	1468402	1479366	0.67	cps
Scandium	45-1	2207460	2287924	2327309	2274231	2.69	cps
Scandium	45-2	69785	70358	70636	70260	0.62	cps
Selenium	77-2	617	587	663	622	6.21	cps
Selenium	78-2	2189	2203	2172	2188	0.71	cps
Selenium	82-1	21008	21323	21333	21221	0.87	cps
Silicon	28-1	1174059	1279020	1300606	1251228	5.41	cps
Silver	109-1	1418470	1450200	1425002	1431224	1.17	cps
Silver	107-1	1477814	1501913	1496343	1492023	0.85	cps
Sodium	23-2	19507708	19532794	19398215	19479572	0.37	cps
Strontium	86-1	370138	375232	372925	372765	0.68	cps
Strontium	88-1	3221861	3353183	3213766	3262936	2.40	cps
Sulfur	34-1	583239	582671	579713	581874	0.33	cps
Terbium	159-1	3604802	3578268	3638212	3607094	0.83	cps
Terbium	159-2	1703183	1704162	1722676	1710007	0.64	cps
Thallium	203-1	843719	856025	857724	852489	0.90	cps
Thallium	205-1	2033388	2082443	2032730	2049520	1.39	cps
Tin	118-1	889466	910354	899774	899865	1.16	cps
Titanium	47-1	907164	916322	918150	913879	0.64	cps
Uranium	238-1	2628939	2661408	2615662	2635336	0.89	cps
Vanadium	51-2	281286	276099	276303	277896	1.06	cps
Yttrium	89-1	4175890	4176280	4155930	4169367	0.28	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:27:57	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	454429	452058	453914	453467	0.28	cps
Zinc	66-2	660286	653377	656844	656836	0.53	cps
Zirconium	90-1	2112584	2137610	2128633	2126276	0.60	cps
Zirconium	91-1	455464	463437	457800	458900	0.89	cps

LB Number : LB109635 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P8
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2020-06-17 16:40:50 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	318	348	360	342	6.33	cps
Antimony	121-1	42	75	125	81	52.07	cps
Arsenic	75-2	11	1	5	6	88.82	cps
Barium	135-1	17	25	33	25	33.32	cps
Barium	137-1	50	42	58	50	16.66	cps
Beryllium	9-1	58	66	58	61	7.61	cps
Bismuth	209-1	2006198	1981883	1989358	1992480	0.63	cps
Bismuth	209-2	1167569	1163021	1164249	1164946	0.20	cps
Boron	11-1	3866	4038	3830	3911	2.84	cps
Boron	10-1	812	800	792	801	1.26	cps
Bromine	81-1	2463	2373	2813	2550	9.13	cps
Cadmium	106-1	775	875	817	822	6.11	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	541	610	570	574	6.02	cps
Calcium	43-1	283	317	375	325	14.28	cps
Calcium	44-1	26984	26967	25657	26536	2.87	cps
Chromium	52-2	743	867	793	801	7.74	cps
Cobalt	59-2	27	27	30	28	6.92	cps
Copper	63-2	529	461	485	492	6.95	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	0	0	25	8	173.21	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	20	20	3	14	66.64	cps
Holmium	165-1	3152575	3188813	3215256	3185548	0.99	cps
Holmium	165-2	1594730	1600946	1615956	1603877	0.68	cps
Indium	115-1	3048363	3098533	3085184	3077360	0.84	cps
Indium	115-2	480315	476032	478307	478218	0.45	cps
Iron	54-2	328	300	367	331	10.10	cps
Iron	56-2	2834	2939	3056	2943	3.78	cps
Iron	57-2	94	122	100	106	13.92	cps
Krypton	83-1	473	417	343	411	15.85	cps
Lead	207-1	583	683	611	626	8.25	cps
Lead	208-1	3025	3386	3217	3209	5.63	cps
Lead	206-1	711	800	706	739	7.17	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:40:50	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	840902	836026	848470	841799	0.74	cps
Magnesium	24-2	433	375	483	431	12.59	cps
Manganese	55-2	90	100	130	107	19.52	cps
Molybdenum	94-1	167	133	142	147	11.78	cps
Molybdenum	95-1	67	50	25	47	44.41	cps
Molybdenum	96-1	150	208	100	153	35.49	cps
Molybdenum	97-1	42	8	25	25	66.68	cps
Molybdenum	98-1	50	25	25	33	43.30	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	60	73	70	12.60	cps
Phosphorus	31-2	142	167	133	147	11.78	cps
Potassium	39-2	17144	18237	17586	17656	3.11	cps
Rhodium	103-1	3035506	2987679	2999978	3007721	0.83	cps
Rhodium	103-2	1467785	1448336	1458430	1458184	0.67	cps
Scandium	45-1	2117899	2148202	2161381	2142494	1.04	cps
Scandium	45-2	66550	65870	66419	66280	0.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	36	33	34	34	4.45	cps
Selenium	82-1	-49	1	58	3	1622.48	cps
Silicon	28-1	413395	409166	409413	410658	0.58	cps
Silver	109-1	117	67	67	83	34.64	cps
Silver	107-1	58	125	108	97	35.68	cps
Sodium	23-2	22560	22660	22393	22537	0.60	cps
Strontium	86-1	508	642	575	575	11.59	cps
Strontium	88-1	258	183	233	225	16.97	cps
Sulfur	34-1	479663	475942	479386	478330	0.43	cps
Terbium	159-1	3367109	3419100	3377091	3387767	0.81	cps
Terbium	159-2	1604253	1648409	1638648	1630436	1.42	cps
Thallium	203-1	17	25	42	28	45.82	cps
Thallium	205-1	133	125	167	142	15.56	cps
Tin	118-1	208	175	192	192	8.69	cps
Titanium	47-1	475	458	375	436	12.28	cps
Uranium	238-1	25	0	0	8	173.21	cps
Vanadium	51-2	13	20	17	17	20.01	cps
Yttrium	89-1	3917561	4022250	4018239	3986017	1.49	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:40:50	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	429694	430805	428562	429687	0.26	cps
Zinc	66-2	140	116	87	114	23.41	cps
Zirconium	90-1	158	208	250	206	22.33	cps
Zirconium	91-1	58	67	50	58	14.29	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	SG1LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-06-17 16:43:38	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46533	46167	45686	46129	0.92	cps
Antimony	121-1	67	117	108	97	27.55	cps
Arsenic	75-2	251	235	218	235	7.03	cps
Barium	135-1	12581	12881	12389	12617	1.97	cps
Barium	137-1	21735	22077	21551	21787	1.22	cps
Beryllium	9-1	212	214	192	206	5.91	cps
Bismuth	209-1	2007960	1993798	2083699	2028485	2.38	cps
Bismuth	209-2	1174328	1172455	1165172	1170651	0.41	cps
Boron	11-1	3874	3926	3796	3865	1.69	cps
Boron	10-1	886	852	786	841	6.04	cps
Bromine	81-1	2913	2993	3204	3037	4.94	cps
Cadmium	106-1	1033	858	700	864	19.30	cps
Cadmium	108-1	8	0	17	8	100.02	cps
Cadmium	111-1	797	655	541	664	19.30	cps
Calcium	43-1	575945	581307	581247	579500	0.53	cps
Calcium	44-1	9440956	9431613	9573598	9482056	0.84	cps
Chromium	52-2	6228	5791	6151	6057	3.85	cps
Cobalt	59-2	2307	2067	2234	2202	5.59	cps
Copper	63-2	2268	2440	2480	2396	4.70	cps
Dysprosium	156-1	4559	4384	4859	4601	5.22	cps
Dysprosium	156-2	2214	2167	2184	2188	1.08	cps
Erbium	164-1	3692	4084	4359	4045	8.29	cps
Erbium	164-2	1783	1793	1947	1841	4.97	cps
Gadolinium	160-1	4834	4484	4743	4687	3.87	cps
Gadolinium	160-2	2510	2597	2470	2526	2.56	cps
Holmium	165-1	3200869	3238201	3213086	3217385	0.59	cps
Holmium	165-2	1636468	1608588	1618961	1621339	0.87	cps
Indium	115-1	3128347	3108316	3104466	3113710	0.41	cps
Indium	115-2	485534	477718	482442	481898	0.82	cps
Iron	54-2	137668	139649	138312	138543	0.73	cps
Iron	56-2	2626660	2588184	2631407	2615417	0.91	cps
Iron	57-2	63770	64110	63536	63805	0.45	cps
Krypton	83-1	423	373	437	411	8.12	cps
Lead	207-1	4418	4673	4401	4497	3.39	cps
Lead	208-1	22977	23666	23625	23422	1.65	cps
Lead	206-1	5462	5273	5496	5410	2.22	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	SG1LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-06-17 16:43:38	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861655	856123	863340	860373	0.44	cps
Magnesium	24-2	60835	61405	59807	60682	1.33	cps
Manganese	55-2	38425	38819	38351	38532	0.65	cps
Molybdenum	94-1	5968	5801	5943	5904	1.52	cps
Molybdenum	95-1	133	42	83	86	53.30	cps
Molybdenum	96-1	1250	1000	1108	1120	11.20	cps
Molybdenum	97-1	67	50	58	58	14.29	cps
Molybdenum	98-1	158	100	108	122	25.81	cps
Neodymium	150-1	7142	7162	7209	7171	0.48	cps
Neodymium	150-2	2630	2654	2574	2619	1.57	cps
Nickel	60-2	1483	1583	1560	1542	3.39	cps
Phosphorus	31-2	758	842	1000	867	14.16	cps
Potassium	39-2	50940	50263	51793	50999	1.50	cps
Rhodium	103-1	3001985	3033701	3061705	3032464	0.99	cps
Rhodium	103-2	1465316	1460948	1460449	1462237	0.18	cps
Scandium	45-1	2195794	2245345	2268634	2236591	1.66	cps
Scandium	45-2	68215	67451	67474	67713	0.64	cps
Selenium	77-2	20	20	10	17	34.64	cps
Selenium	78-2	51	26	48	42	32.77	cps
Selenium	82-1	-30	71	23	21	235.18	cps
Silicon	28-1	427648	428105	429346	428366	0.21	cps
Silver	109-1	133	67	58	86	47.74	cps
Silver	107-1	133	142	117	131	9.75	cps
Sodium	23-2	28094	28879	28011	28328	1.69	cps
Strontium	86-1	56356	57042	58314	57237	1.74	cps
Strontium	88-1	485706	493983	490227	489972	0.85	cps
Sulfur	34-1	486587	484627	487063	486092	0.27	cps
Terbium	159-1	3472132	3427017	3541878	3480343	1.66	cps
Terbium	159-2	1643618	1624801	1602193	1623537	1.28	cps
Thallium	203-1	100	100	142	114	21.12	cps
Thallium	205-1	242	283	283	269	8.93	cps
Tin	118-1	258	217	233	236	8.88	cps
Titanium	47-1	750	742	675	722	5.69	cps
Uranium	238-1	3084	3284	3217	3195	3.19	cps
Vanadium	51-2	4154	4004	4101	4086	1.86	cps
Yttrium	89-1	4122490	4086760	4153608	4120952	0.81	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	SG1LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-06-17 16:43:38	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	447564	437705	444633	443301	1.14	cps
Zinc	66-2	2105	2133	2143	2127	0.91	cps
Zirconium	90-1	16402	16493	16252	16382	0.75	cps
Zirconium	91-1	3559	3626	3709	3631	2.07	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:46:29	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358601	361299	357682	359194	0.52	cps
Antimony	121-1	3342	3159	3476	3325	4.78	cps
Arsenic	75-2	11233	10853	11119	11068	1.76	cps
Barium	135-1	194297	200110	196664	197024	1.48	cps
Barium	137-1	340868	347902	343625	344132	1.03	cps
Beryllium	9-1	60172	61025	60170	60455	0.82	cps
Bismuth	209-1	2031505	2027151	1976851	2011836	1.51	cps
Bismuth	209-2	1173303	1175124	1186454	1178293	0.60	cps
Boron	11-1	12997	15107	16400	14835	11.58	cps
Boron	10-1	2494	2884	3414	2930	15.76	cps
Bromine	81-1	4816	5226	5397	5146	5.80	cps
Cadmium	106-1	7669	7094	6819	7194	6.03	cps
Cadmium	108-1	4492	4376	4338	4402	1.83	cps
Cadmium	111-1	61856	61635	62390	61960	0.63	cps
Calcium	43-1	3198962	3190552	3188422	3192645	0.17	cps
Calcium	44-1	51630515	52131097	52482021	52081211	0.82	cps
Chromium	52-2	106805	106348	107843	106999	0.72	cps
Cobalt	59-2	139492	137167	139981	138880	1.08	cps
Copper	63-2	94485	93911	94591	94329	0.39	cps
Dysprosium	156-1	25550	25942	26093	25862	1.08	cps
Dysprosium	156-2	11942	12062	12236	12080	1.22	cps
Erbium	164-1	22269	22745	21151	22055	3.71	cps
Erbium	164-2	10658	10738	10658	10684	0.43	cps
Gadolinium	160-1	25592	25684	26477	25917	1.88	cps
Gadolinium	160-2	14525	14652	14401	14526	0.86	cps
Holmium	165-1	3281274	3247709	3170963	3233316	1.75	cps
Holmium	165-2	1655606	1665876	1654821	1658768	0.37	cps
Indium	115-1	3090735	3176489	3129363	3132196	1.37	cps
Indium	115-2	487013	488800	486402	487405	0.26	cps
Iron	54-2	970030	966649	966025	967568	0.22	cps
Iron	56-2	17697277	17876073	18083434	17885595	1.08	cps
Iron	57-2	440570	443831	445182	443194	0.53	cps
Krypton	83-1	487	530	500	506	4.39	cps
Lead	207-1	150149	153171	151739	151686	1.00	cps
Lead	208-1	753889	760564	758505	757653	0.45	cps
Lead	206-1	169197	172184	169802	170394	0.93	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:46:29	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	861645	879435	847437	862839	1.86	cps
Magnesium	24-2	805309	812023	801266	806199	0.67	cps
Manganese	55-2	248098	250549	248573	249073	0.52	cps
Molybdenum	94-1	235078	242658	240095	239277	1.61	cps
Molybdenum	95-1	164018	163453	167391	164954	1.29	cps
Molybdenum	96-1	195840	195869	198724	196811	0.84	cps
Molybdenum	97-1	100890	102612	100370	101291	1.16	cps
Molybdenum	98-1	254350	260719	262061	259043	1.59	cps
Neodymium	150-1	40160	41270	40902	40778	1.39	cps
Neodymium	150-2	15062	14515	14748	14775	1.86	cps
Nickel	60-2	43713	43082	43292	43362	0.74	cps
Phosphorus	31-2	4868	4818	5251	4979	4.76	cps
Potassium	39-2	322934	324720	326996	324883	0.63	cps
Rhodium	103-1	3035641	3054873	3047450	3045988	0.32	cps
Rhodium	103-2	1460450	1469710	1459677	1463279	0.38	cps
Scandium	45-1	2260635	2277425	2233374	2257145	0.98	cps
Scandium	45-2	70033	69159	69778	69657	0.65	cps
Selenium	77-2	207	180	200	196	7.10	cps
Selenium	78-2	504	481	446	477	6.12	cps
Selenium	82-1	3954	3940	3966	3953	0.33	cps
Silicon	28-1	596929	646903	588593	610808	5.16	cps
Silver	109-1	255363	258968	264286	259539	1.73	cps
Silver	107-1	270836	278799	274544	274726	1.45	cps
Sodium	23-2	850674	857392	857888	855318	0.47	cps
Strontium	86-1	382998	395256	394318	390857	1.75	cps
Strontium	88-1	3421952	3449073	3455635	3442220	0.52	cps
Sulfur	34-1	502689	503533	503188	503136	0.08	cps
Terbium	159-1	3623599	3508127	3486297	3539341	2.08	cps
Terbium	159-2	1663712	1675621	1686643	1675326	0.68	cps
Thallium	203-1	163553	163438	163142	163377	0.13	cps
Thallium	205-1	384733	391216	391703	389217	1.00	cps
Tin	118-1	15676	16369	16502	16182	2.74	cps
Titanium	47-1	16752	16410	16376	16513	1.26	cps
Uranium	238-1	516033	527599	534609	526080	1.78	cps
Vanadium	51-2	80790	80079	80230	80366	0.47	cps
Yttrium	89-1	4526128	4603143	4511511	4546927	1.08	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:46:29	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	482644	489059	486553	486085	0.67	cps
Zinc	66-2	25029	25120	24323	24824	1.76	cps
Zirconium	90-1	401602	409418	410597	407205	1.20	cps
Zirconium	91-1	88934	90258	90602	89931	0.98	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:49:17	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375456	371130	374295	373627	0.60	cps
Antimony	121-1	8094	7702	8111	7969	2.90	cps
Arsenic	75-2	10595	10494	10550	10546	0.48	cps
Barium	135-1	274864	271592	272558	273004	0.62	cps
Barium	137-1	484208	469947	477147	477101	1.49	cps
Beryllium	9-1	57646	59001	57708	58119	1.32	cps
Bismuth	209-1	2033193	2001565	1983790	2006183	1.25	cps
Bismuth	209-2	1180546	1171905	1184090	1178847	0.53	cps
Boron	11-1	21886	24253	26320	24153	9.19	cps
Boron	10-1	4582	4840	5346	4923	7.90	cps
Bromine	81-1	4616	4866	4976	4819	3.83	cps
Cadmium	106-1	6702	6702	6693	6699	0.07	cps
Cadmium	108-1	4042	4467	4217	4242	5.04	cps
Cadmium	111-1	59603	59075	58968	59215	0.57	cps
Calcium	43-1	3013726	2983452	3038724	3011967	0.92	cps
Calcium	44-1	49439164	49276453	50600430	49772016	1.45	cps
Chromium	52-2	103024	102104	103014	102714	0.51	cps
Cobalt	59-2	130700	130273	130687	130553	0.19	cps
Copper	63-2	155262	152963	155590	154605	0.93	cps
Dysprosium	156-1	25216	25725	25575	25505	1.03	cps
Dysprosium	156-2	12129	12112	12499	12247	1.79	cps
Erbium	164-1	21819	21443	22052	21771	1.41	cps
Erbium	164-2	10684	10935	10811	10810	1.16	cps
Gadolinium	160-1	24398	24707	24932	24679	1.09	cps
Gadolinium	160-2	14698	14585	13937	14407	2.85	cps
Holmium	165-1	3315647	3220782	3316149	3284192	1.67	cps
Holmium	165-2	1659169	1638310	1719929	1672469	2.54	cps
Indium	115-1	3142628	3092428	3174385	3136480	1.32	cps
Indium	115-2	486717	485990	491924	488211	0.66	cps
Iron	54-2	973807	966611	975164	971861	0.47	cps
Iron	56-2	18150343	18067760	18084383	18100829	0.24	cps
Iron	57-2	444484	444516	447903	445635	0.44	cps
Krypton	83-1	440	433	460	444	3.12	cps
Lead	207-1	144789	143327	142272	143463	0.88	cps
Lead	208-1	719045	718116	719506	718889	0.10	cps
Lead	206-1	161308	157365	161396	160023	1.44	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:49:17	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	863347	864685	858795	862276	0.36	cps
Magnesium	24-2	782775	762779	770165	771906	1.31	cps
Manganese	55-2	250398	249852	247233	249161	0.68	cps
Molybdenum	94-1	342636	341793	342222	342217	0.12	cps
Molybdenum	95-1	340719	338609	340709	340012	0.36	cps
Molybdenum	96-1	388486	383926	387535	386649	0.62	cps
Molybdenum	97-1	210219	210953	213760	211644	0.88	cps
Molybdenum	98-1	535745	530461	550310	538838	1.91	cps
Neodymium	150-1	39866	39224	40053	39714	1.09	cps
Neodymium	150-2	14692	14698	14722	14704	0.11	cps
Nickel	60-2	41430	40905	41510	41282	0.80	cps
Phosphorus	31-2	5209	4893	4834	4979	4.05	cps
Potassium	39-2	382546	376647	374978	378057	1.05	cps
Rhodium	103-1	2970253	2948844	3070360	2996486	2.16	cps
Rhodium	103-2	1458971	1462581	1452264	1457939	0.36	cps
Scandium	45-1	2239845	2277342	2290882	2269356	1.17	cps
Scandium	45-2	69574	68194	70281	69350	1.53	cps
Selenium	77-2	183	150	170	168	10.00	cps
Selenium	78-2	490	456	434	460	6.13	cps
Selenium	82-1	3873	3902	3799	3858	1.38	cps
Silicon	28-1	699575	650655	640202	663477	4.78	cps
Silver	109-1	256523	255327	256860	256237	0.31	cps
Silver	107-1	267316	268355	273464	269712	1.22	cps
Sodium	23-2	814140	806042	806683	808955	0.56	cps
Strontium	86-1	367494	369200	376286	370993	1.26	cps
Strontium	88-1	3257985	3212941	3245965	3238964	0.72	cps
Sulfur	34-1	495918	492980	488346	492415	0.78	cps
Terbium	159-1	3552435	3445293	3517122	3504950	1.56	cps
Terbium	159-2	1681521	1657375	1685666	1674854	0.91	cps
Thallium	203-1	158491	158922	160509	159308	0.67	cps
Thallium	205-1	378655	370089	382129	376957	1.64	cps
Tin	118-1	36784	37184	38404	37457	2.25	cps
Titanium	47-1	55324	58089	55684	56365	2.67	cps
Uranium	238-1	499223	500285	496824	498777	0.36	cps
Vanadium	51-2	78675	78792	79063	78843	0.25	cps
Yttrium	89-1	4485217	4503861	4562313	4517130	0.89	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SG1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:49:17	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	492002	490948	487646	490199	0.46	cps
Zinc	66-2	31724	30891	31456	31357	1.36	cps
Zirconium	90-1	404505	406696	415432	408878	1.41	cps
Zirconium	91-1	88783	88414	91483	89560	1.87	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	SG1ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:52:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364486	361510	362664	362886	0.41	cps
Antimony	121-1	5776	5918	5835	5843	1.22	cps
Arsenic	75-2	10769	10655	10751	10725	0.57	cps
Barium	135-1	233808	237539	235410	235586	0.79	cps
Barium	137-1	411809	409670	416403	412627	0.83	cps
Beryllium	9-1	58568	59618	59431	59205	0.95	cps
Bismuth	209-1	1992265	1942804	2011331	1982133	1.78	cps
Bismuth	209-2	1179969	1157399	1182895	1173421	1.19	cps
Boron	11-1	19725	21680	22979	21461	7.63	cps
Boron	10-1	4012	4494	4668	4391	7.74	cps
Bromine	81-1	4585	4796	5677	5019	11.54	cps
Cadmium	106-1	6685	7152	6535	6791	4.74	cps
Cadmium	108-1	3938	4326	4334	4199	5.39	cps
Cadmium	111-1	59911	60937	59964	60271	0.96	cps
Calcium	43-1	3042050	3132160	3112948	3095719	1.53	cps
Calcium	44-1	49982281	51290156	51737156	51003198	1.79	cps
Chromium	52-2	104485	104220	104901	104535	0.33	cps
Cobalt	59-2	132715	134000	134037	133584	0.56	cps
Copper	63-2	125117	124630	124570	124772	0.24	cps
Dysprosium	156-1	25942	25116	26026	25695	1.96	cps
Dysprosium	156-2	12282	12189	12282	12251	0.44	cps
Erbium	164-1	21393	21618	21677	21562	0.69	cps
Erbium	164-2	10214	10548	10448	10403	1.65	cps
Gadolinium	160-1	24498	25917	24682	25032	3.08	cps
Gadolinium	160-2	14351	14334	14428	14371	0.35	cps
Holmium	165-1	3262204	3228621	3250436	3247087	0.52	cps
Holmium	165-2	1656129	1627371	1656155	1646552	1.01	cps
Indium	115-1	3111859	3072759	3076975	3087198	0.70	cps
Indium	115-2	485451	480613	487975	484680	0.77	cps
Iron	54-2	961764	974863	970184	968937	0.69	cps
Iron	56-2	18037636	17926731	18034209	17999525	0.35	cps
Iron	57-2	437498	438379	447442	441106	1.25	cps
Krypton	83-1	403	383	417	401	4.18	cps
Lead	207-1	144552	145501	143345	144466	0.75	cps
Lead	208-1	729513	732055	733726	731764	0.29	cps
Lead	206-1	162511	162376	163585	162824	0.41	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	SG1ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:52:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	855583	853153	858622	855786	0.32	cps
Magnesium	24-2	780032	780093	784079	781401	0.30	cps
Manganese	55-2	249187	246823	247751	247921	0.48	cps
Molybdenum	94-1	291193	290015	286952	289387	0.76	cps
Molybdenum	95-1	250792	254618	254008	253139	0.81	cps
Molybdenum	96-1	290874	296372	291710	292985	1.01	cps
Molybdenum	97-1	155928	155581	155530	155680	0.14	cps
Molybdenum	98-1	396220	400724	394097	397014	0.85	cps
Neodymium	150-1	40682	39632	40595	40303	1.45	cps
Neodymium	150-2	14538	14855	14224	14539	2.17	cps
Nickel	60-2	41831	42647	42580	42353	1.07	cps
Phosphorus	31-2	4609	4718	4259	4529	5.29	cps
Potassium	39-2	349500	348604	354723	350943	0.94	cps
Rhodium	103-1	3003132	2994157	2961986	2986425	0.72	cps
Rhodium	103-2	1442329	1439498	1478630	1453486	1.50	cps
Scandium	45-1	2194836	2240859	2294312	2243336	2.22	cps
Scandium	45-2	70200	68379	68690	69090	1.41	cps
Selenium	77-2	183	213	163	187	13.48	cps
Selenium	78-2	401	419	475	432	8.94	cps
Selenium	82-1	3943	3982	3915	3946	0.85	cps
Silicon	28-1	609837	617072	630617	619175	1.70	cps
Silver	109-1	260360	260030	256601	258997	0.80	cps
Silver	107-1	268653	272547	268016	269739	0.91	cps
Sodium	23-2	831046	824842	828510	828132	0.38	cps
Strontium	86-1	374894	378648	375112	376218	0.56	cps
Strontium	88-1	3303556	3328814	3328551	3320307	0.44	cps
Sulfur	34-1	493325	490960	490921	491735	0.28	cps
Terbium	159-1	3492706	3503029	3422619	3472785	1.26	cps
Terbium	159-2	1657955	1649112	1647838	1651635	0.33	cps
Thallium	203-1	158821	161294	162483	160866	1.16	cps
Thallium	205-1	378634	381313	381157	380368	0.40	cps
Tin	118-1	27077	27010	26710	26933	0.73	cps
Titanium	47-1	36397	36798	35294	36163	2.15	cps
Uranium	238-1	504896	506845	513878	508540	0.93	cps
Vanadium	51-2	78819	79285	80260	79455	0.93	cps
Yttrium	89-1	4449811	4451679	4455902	4452464	0.07	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	L3017-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	SG1ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-06-17 16:52:08	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	485029	485828	492245	487701	0.81	cps
Zinc	66-2	27684	28003	28047	27911	0.71	cps
Zirconium	90-1	404792	406876	409493	407054	0.58	cps
Zirconium	91-1	91802	90762	89428	90664	1.31	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:54:56	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	689066	704510	684757	692778	1.50	cps
Antimony	121-1	1357409	1354652	1353807	1355289	0.14	cps
Arsenic	75-2	48769	49457	48533	48920	0.98	cps
Barium	135-1	1283921	1296479	1291597	1290666	0.49	cps
Barium	137-1	2267298	2314210	2297389	2292965	1.04	cps
Beryllium	9-1	295909	299699	297717	297775	0.64	cps
Bismuth	209-1	2051337	2054950	2028744	2045010	0.69	cps
Bismuth	209-2	1185613	1216303	1198673	1200196	1.28	cps
Boron	11-1	103890	118198	127053	116381	10.04	cps
Boron	10-1	21121	23979	25627	23576	9.67	cps
Bromine	81-1	2823	3013	2873	2903	3.40	cps
Cadmium	106-1	30860	31930	31370	31386	1.70	cps
Cadmium	108-1	21629	21175	21146	21317	1.27	cps
Cadmium	111-1	299356	305159	305430	303315	1.13	cps
Calcium	43-1	1679133	1691639	1662917	1677896	0.86	cps
Calcium	44-1	27093231	27672650	27643094	27469658	1.19	cps
Chromium	52-2	343353	344900	339050	342434	0.89	cps
Cobalt	59-2	616332	626441	613934	618902	1.07	cps
Copper	63-2	4780487	4810412	4714416	4768438	1.03	cps
Dysprosium	156-1	50	83	33	56	45.83	cps
Dysprosium	156-2	70	23	30	41	61.40	cps
Erbium	164-1	17	67	33	39	65.47	cps
Erbium	164-2	27	27	10	21	45.58	cps
Gadolinium	160-1	142	108	92	114	22.35	cps
Gadolinium	160-2	70	67	60	66	7.77	cps
Holmium	165-1	3362864	3420253	3320239	3367785	1.49	cps
Holmium	165-2	1683290	1747596	1709215	1713367	1.89	cps
Indium	115-1	3136198	3151320	3200856	3162791	1.07	cps
Indium	115-2	490761	501102	490791	494218	1.21	cps
Iron	54-2	3577416	3666431	3545381	3596410	1.74	cps
Iron	56-2	65508704	66104247	64744597	65452516	1.04	cps
Iron	57-2	1643909	1663193	1635804	1647635	0.85	cps
Krypton	83-1	473	430	373	426	11.78	cps
Lead	207-1	3113022	3167576	3134803	3138467	0.87	cps
Lead	208-1	15515204	15572259	15549934	15545799	0.18	cps
Lead	206-1	3427145	3490112	3437969	3451742	0.98	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:54:56	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	870018	888259	891512	883263	1.31	cps
Magnesium	24-2	10066565	10264354	10018040	10116319	1.29	cps
Manganese	55-2	1592152	1605015	1585972	1594380	0.61	cps
Molybdenum	94-1	2448468	2516549	2522191	2495736	1.64	cps
Molybdenum	95-1	2984978	3053263	3046833	3028358	1.25	cps
Molybdenum	96-1	3358240	3405358	3391792	3385130	0.72	cps
Molybdenum	97-1	1922278	1974838	1925466	1940860	1.52	cps
Molybdenum	98-1	4733566	4781148	4770393	4761702	0.52	cps
Neodymium	150-1	40	60	60	53	21.65	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	168003	170904	163261	167389	2.30	cps
Phosphorus	31-2	9728	9603	10112	9815	2.70	cps
Potassium	39-2	3919761	3981552	3861867	3921060	1.53	cps
Rhodium	103-1	3047501	3062701	3040719	3050307	0.37	cps
Rhodium	103-2	1471445	1483636	1494244	1483109	0.77	cps
Scandium	45-1	2238582	2313741	2300298	2284207	1.75	cps
Scandium	45-2	69484	70931	70288	70234	1.03	cps
Selenium	77-2	647	660	660	656	1.17	cps
Selenium	78-2	2145	2227	2097	2157	3.05	cps
Selenium	82-1	20870	21436	21153	21153	1.34	cps
Silicon	28-1	1148089	1249920	1291372	1229794	6.00	cps
Silver	109-1	1404818	1427511	1434344	1422224	1.09	cps
Silver	107-1	1475961	1500354	1488905	1488407	0.82	cps
Sodium	23-2	18949781	19512171	19046390	19169447	1.57	cps
Strontium	86-1	365000	371293	375175	370490	1.39	cps
Strontium	88-1	3203543	3223823	3305996	3244454	1.67	cps
Sulfur	34-1	576040	581414	576554	578003	0.51	cps
Terbium	159-1	3562829	3674692	3598770	3612097	1.58	cps
Terbium	159-2	1688609	1739033	1703831	1710491	1.51	cps
Thallium	203-1	838229	849154	829744	839042	1.16	cps
Thallium	205-1	1975605	2029697	1994078	1999793	1.37	cps
Tin	118-1	894221	905481	895827	898510	0.68	cps
Titanium	47-1	892889	916046	902892	903942	1.28	cps
Uranium	238-1	2565548	2603290	2631417	2600085	1.27	cps
Vanadium	51-2	275938	278290	270396	274875	1.47	cps
Yttrium	89-1	4071802	4183231	4198660	4151231	1.67	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 16:54:56	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	445239	454858	449100	449732	1.08	cps
Zinc	66-2	661541	657605	645993	655046	1.23	cps
Zirconium	90-1	2095670	2106827	2106638	2103045	0.30	cps
Zirconium	91-1	458694	467099	463791	463194	0.91	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 17:03:37	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	382	330	367	8.87	cps
Antimony	121-1	67	133	75	92	39.63	cps
Arsenic	75-2	7	9	4	7	37.75	cps
Barium	135-1	58	50	8	39	68.89	cps
Barium	137-1	58	8	25	31	83.32	cps
Beryllium	9-1	68	68	62	66	5.25	cps
Bismuth	209-1	2004238	1976447	2032557	2004414	1.40	cps
Bismuth	209-2	1148181	1179792	1171146	1166373	1.40	cps
Boron	11-1	4748	4680	4702	4710	0.74	cps
Boron	10-1	1024	936	936	965	5.26	cps
Bromine	81-1	2593	2363	2233	2396	7.62	cps
Cadmium	106-1	700	758	942	800	15.76	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Cadmium	111-1	495	529	652	559	14.72	cps
Calcium	43-1	425	233	400	353	29.54	cps
Calcium	44-1	27402	27301	26191	26965	2.49	cps
Chromium	52-2	660	710	833	734	12.15	cps
Cobalt	59-2	23	27	27	26	7.55	cps
Copper	63-2	472	539	548	520	7.97	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	20	13	7	13	49.99	cps
Holmium	165-1	3112821	3171824	3222612	3169086	1.73	cps
Holmium	165-2	1574545	1601323	1614092	1596653	1.26	cps
Indium	115-1	3010352	3033589	3037709	3027217	0.49	cps
Indium	115-2	469673	479699	473550	474307	1.07	cps
Iron	54-2	344	339	306	330	6.38	cps
Iron	56-2	2823	2773	2906	2834	2.38	cps
Iron	57-2	106	122	83	104	18.81	cps
Krypton	83-1	423	433	350	402	11.31	cps
Lead	207-1	633	678	772	694	10.21	cps
Lead	208-1	3245	3722	3697	3555	7.57	cps
Lead	206-1	767	889	806	820	7.61	cps

LB Number :	LB109635	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2020-06-17 17:03:37	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	856046	843901	853075	851008	0.74	cps
Magnesium	24-2	525	500	525	517	2.79	cps
Manganese	55-2	83	87	107	92	13.69	cps
Molybdenum	94-1	142	75	133	117	31.14	cps
Molybdenum	95-1	75	42	50	56	31.22	cps
Molybdenum	96-1	183	125	133	147	21.43	cps
Molybdenum	97-1	8	42	0	17	132.30	cps
Molybdenum	98-1	83	25	58	56	52.68	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	80	83	83	82	2.34	cps
Phosphorus	31-2	100	100	117	106	9.12	cps
Potassium	39-2	16785	18212	17661	17553	4.10	cps
Rhodium	103-1	3025688	2981235	3021420	3009447	0.81	cps
Rhodium	103-2	1435438	1454865	1470017	1453440	1.19	cps
Scandium	45-1	2116608	2163617	2128134	2136120	1.15	cps
Scandium	45-2	66165	65341	65210	65572	0.79	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	20	31	30	31.80	cps
Selenium	82-1	-55	6	60	4	1632.87	cps
Silicon	28-1	405076	403081	407414	405191	0.54	cps
Silver	109-1	100	50	50	67	43.30	cps
Silver	107-1	92	100	125	106	16.43	cps
Sodium	23-2	22726	24671	23962	23786	4.14	cps
Strontium	86-1	883	617	667	722	19.63	cps
Strontium	88-1	225	183	133	181	25.42	cps
Sulfur	34-1	481480	480414	480302	480732	0.14	cps
Terbium	159-1	3428166	3432816	3471396	3444126	0.69	cps
Terbium	159-2	1581115	1622008	1621285	1608136	1.46	cps
Thallium	203-1	58	58	58	58	0.00	cps
Thallium	205-1	192	183	175	183	4.55	cps
Tin	118-1	117	192	100	136	35.87	cps
Titanium	47-1	483	475	383	447	12.41	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	10	7	20	12	56.76	cps
Yttrium	89-1	3928101	3941743	3976564	3948803	0.63	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	418675	426957	424569	423400	1.01	cps
Zinc	66-2	140	120	196	152	26.10	cps
Zirconium	90-1	183	208	258	217	17.63	cps
Zirconium	91-1	50	67	17	44	57.28	cps