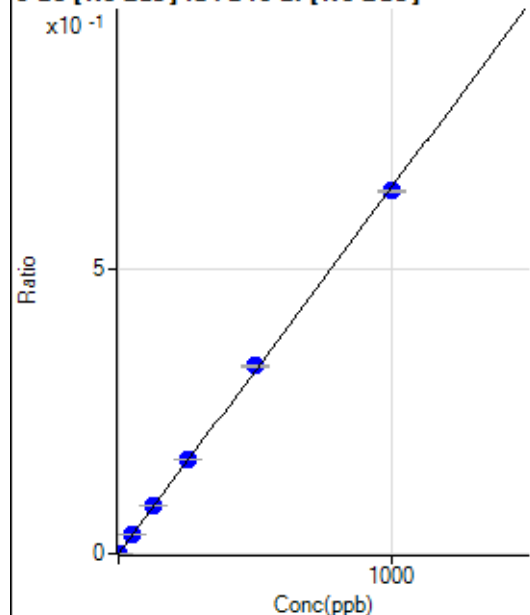


Batch Folder: D:\ICP-MS Data\P7060419-MS.b\
Analysis File: P7060419-MS.batch.bin
DA Date-Time: 2019-09-03 17:18:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-04 13:07:29
2			
3	005CALS.d	S02	2019-06-04 13:15:30
4	006CALS.d	S03	2019-06-04 13:19:26
5	007CALS.d	S04	2019-06-04 13:23:23
6	008CALS.d	S05	2019-06-04 13:27:16
7	009CALS.d	S06	2019-06-04 13:31:07
8	010CALS.d	S07	2019-06-04 13:34:55
9	011CALS.d	S08	2019-06-04 13:38:42
10			

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	18.5
2	☐	0.100					
3	☐	1.000	0.957	1385.64	0.0006	P	6.4
4	☐	50.000	54.028	72486.22	0.0347	P	2.6
5	☐	125.000	131.051	170211.31	0.0843	P	0.4
6	☐	250.000	256.807	295143.34	0.1651	P	0.4
7	☐	500.000	512.486	544098.78	0.3295	P	0.8
8	☐	1000.000	991.098	1038586.90	0.6371	P	0.4
9	☐			398.90	0.0002	P	12.9
10	☐						

$$y = 6.4285\text{E-}004 * x + 1.7291\text{E-}005$$

$$R = 0.9999$$

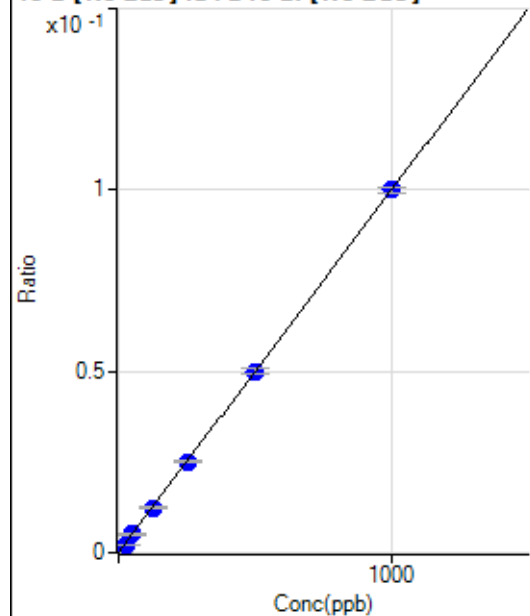
$$DL = 0.01493$$

$$BEC = 0.0269$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0001	P	23.4
2	☐	2.500					
3	☐	25.000	21.554	4864.84	0.0022	P	5.2
4	☐	50.000	50.715	10706.95	0.0051	P	4.2
5	☐	125.000	123.390	25032.66	0.0124	P	3.0
6	☐	250.000	249.324	44641.57	0.0250	P	2.4
7	☐	500.000	500.249	82639.92	0.0500	P	2.4
8	☐	1000.000	1000.296	163013.56	0.1000	P	1.3
9	☐			9367.18	0.0054	P	7.4
10	☐						

$$y = 9.9904\text{E-}005 * x + 6.7359\text{E-}005$$

$$R = 1.0000$$

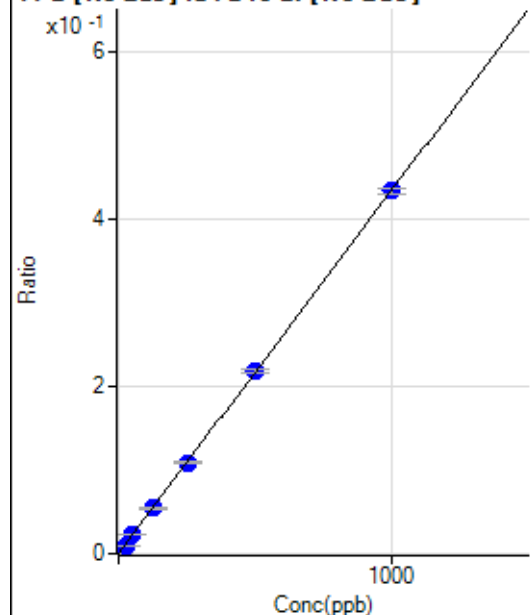
$$DL = 0.4733$$

$$BEC = 0.6742$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	652.82	0.0003	P	12.1
2	☐	2.500					
3	☐	25.000	21.566	21123.74	0.0096	P	1.0
4	☐	50.000	49.929	45775.87	0.0219	P	0.9
5	☐	125.000	124.274	109357.91	0.0541	P	2.2
6	☐	250.000	249.642	193871.91	0.1085	P	1.4
7	☐	500.000	502.039	359692.44	0.2178	P	2.5
8	☐	1000.000	999.250	706252.74	0.4333	P	1.9
9	☐			39040.51	0.0224	P	9.9
10	☐						

$$y = 4.3328\text{E-}004 * x + 2.9872\text{E-}004$$

R = 1.0000

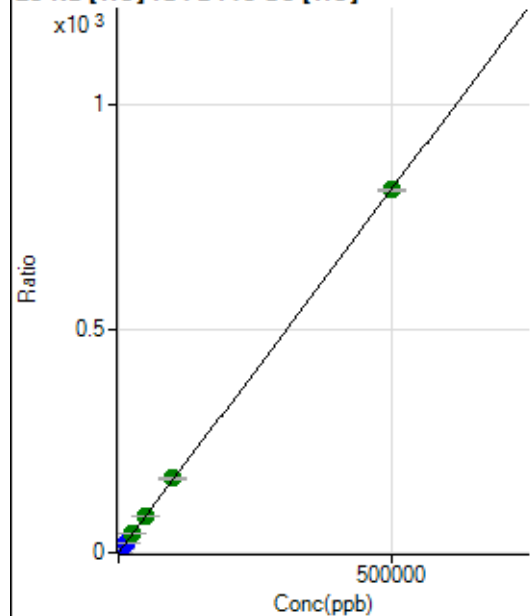
DL = 0.2503

BEC = 0.6894

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3697.84	0.0183	P	3.4
2	☐	50.000					
3	☐	500.000	463.015	155786.83	0.7697	P	1.6
4	☐	5000.000	5061.480	1590516.84	8.2327	P	0.1
5	☐	12500.000	12812.800	3688978.90	20.8124	P	0.4
6	☐	25000.000	25347.184	6499589.60	41.1547	A	0.3
7	☐	50000.000	51276.525	12515121.89	83.2359	A	0.6
8	☐	100000.00	102034.21	25008399.00	165.6115	A	0.7
9	☐	500000.00	499439.74	136203448.8	810.5680	A	0.3
10	☐						

$$y = 0.0016 * x + 0.0183$$

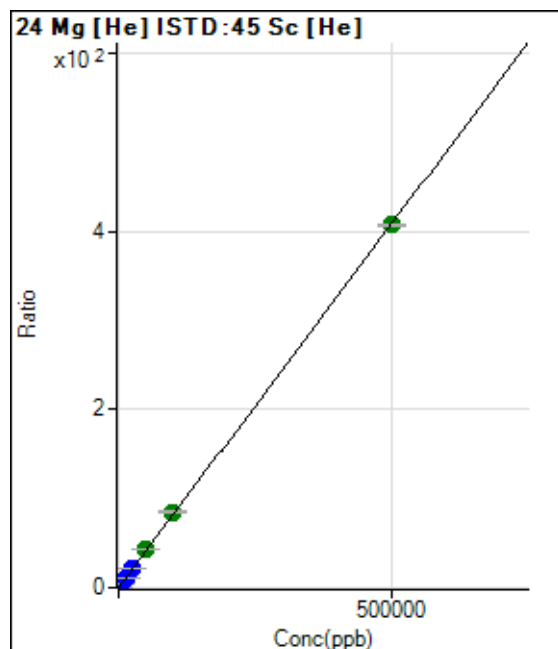
R = 1.0000

DL = 1.149

BEC = 11.27

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	277.79	0.0014	P	31.3
2	☐	50.000					
3	☐	500.000	490.286	81312.22	0.4017	P	1.0
4	☐	5000.000	5245.533	827829.66	4.2849	P	0.2
5	☐	12500.000	13224.296	1914373.15	10.8005	P	0.2
6	☐	25000.000	26101.802	3366519.47	21.3164	P	0.0
7	☐	50000.000	52718.214	6473108.00	43.0516	A	0.7
8	☐	100000.00	104330.90	12865577.89	85.1991	A	0.8
9	☐	500000.00	498786.35	68442877.92	407.3156	A	0.2
10	☐						

$$y = 8.1661\text{E-}004 * x + 0.0014$$

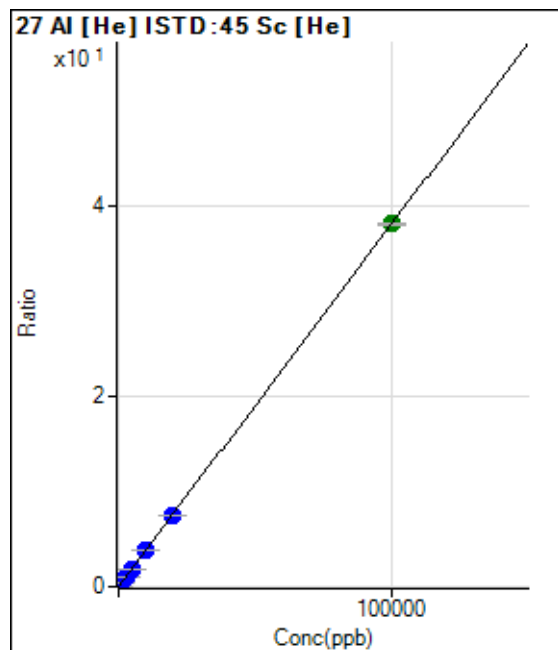
R = 1.0000

DL = 1.578

BEC = 1.682

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0001	P	114.
2	☐	2.000					
3	☐	20.000	18.578	1441.81	0.0071	P	12.3
4	☐	1000.000	1011.463	74379.59	0.3850	P	0.4
5	☐	2500.000	2480.591	167337.42	0.9441	P	1.0
6	☐	5000.000	4952.170	297650.42	1.8847	P	0.8
7	☐	10000.000	9865.478	564534.54	3.7546	P	0.1
8	☐	20000.000	19586.160	1125598.90	7.4541	P	1.4
9	☐	100000.00	100098.98	6401501.14	38.0954	A	0.6
10	☐						

$$y = 3.8058\text{E-}004 * x + 5.5074\text{E-}005$$

R = 1.0000

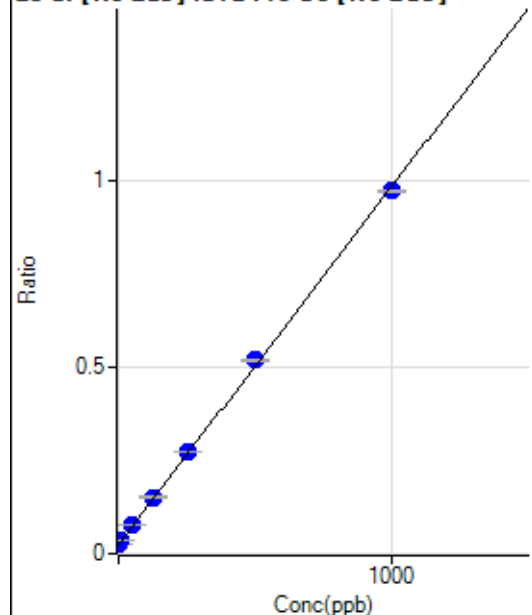
DL = 0.4978

BEC = 0.1447

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	99310.65	0.0245	P	2.5
2	☐	1.000					
3	☐	10.000	9.733	137395.67	0.0338	P	0.5
4	☐	50.000	56.168	301056.43	0.0785	P	4.0
5	☐	125.000	132.782	556956.00	0.1521	P	0.5
6	☐	250.000	259.801	872080.08	0.2741	P	0.1
7	☐	500.000	514.961	1520418.86	0.5192	P	1.8
8	☐	1000.000	988.791	2811955.40	0.9744	P	0.2
9	☐			108564.17	0.0346	P	1.4
10	☐						

$$y = 9.6067E-004 * x + 0.0245$$

R = 0.9998

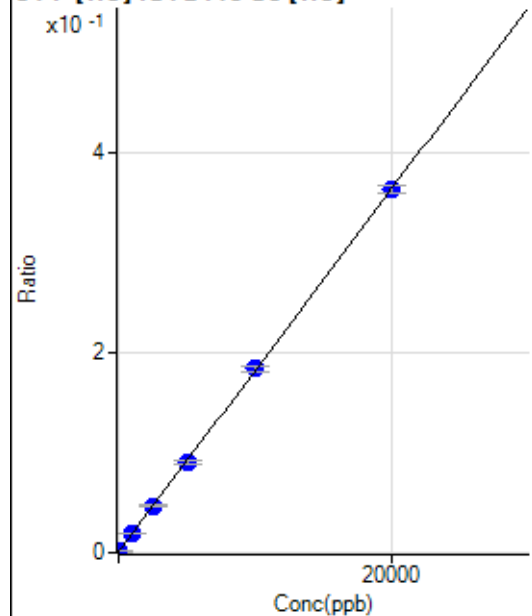
DL = 1.926

BEC = 25.5

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.646	102.78	0.0005	P	20.7
2	☐	0.000					
3	☐	0.000	16.646	225.01	0.0011	P	9.2
4	☐	1000.000	1025.449	3742.30	0.0194	P	1.3
5	☐	2500.000	2549.106	8322.08	0.0469	P	3.3
6	☐	5000.000	4962.631	14312.93	0.0906	P	3.6
7	☐	10000.000	10090.282	27584.69	0.1834	P	3.4
8	☐	20000.000	19956.791	54667.92	0.3620	P	2.2
9	☐			147.23	0.0009	P	22.5
10	☐						

$$y = 1.8100E-005 * x + 8.1000E-004$$

R = 1.0000

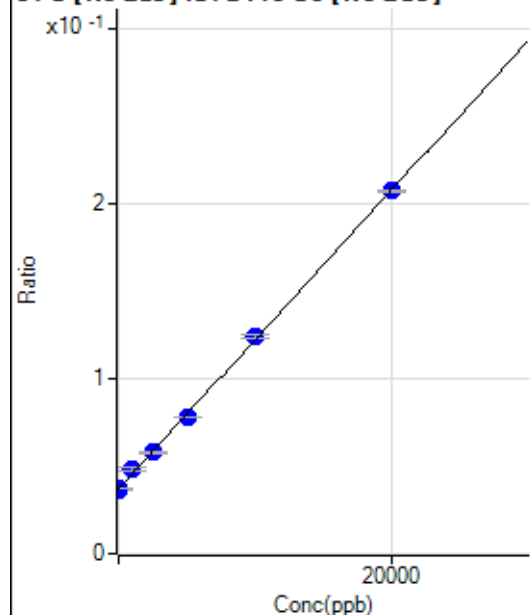
DL = 17.23

BEC = 44.75

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-66.697	147610.73	0.0364	P	0.4
2	☐	0.000					
3	☐	0.000	66.697	152453.28	0.0376	P	1.3
4	☐	1000.000	1379.070	187176.95	0.0488	P	4.9
5	☐	2500.000	2450.834	212296.58	0.0580	P	0.8
6	☐	5000.000	4814.398	248787.60	0.0782	P	0.7
7	☐	10000.000	10200.846	363962.36	0.1243	P	1.3
8	☐	20000.000	19933.170	599013.99	0.2076	P	0.6
9	☐			111940.54	0.0357	P	0.9
10	☐						

$$y = 8.5579\text{E-}006 * x + 0.0370$$

R = 0.9997

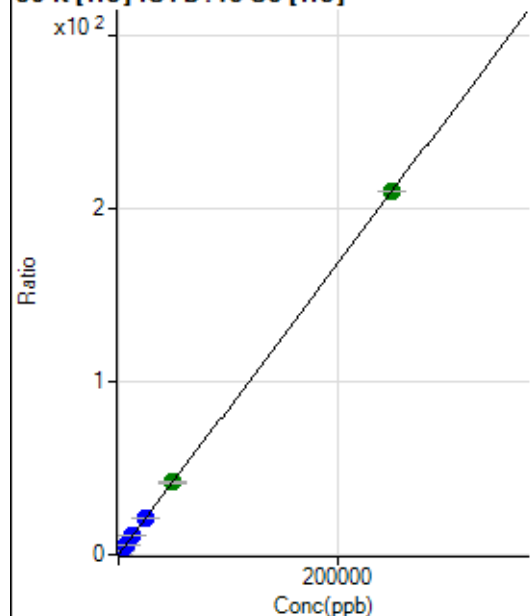
DL = 107.7

BEC = 4322

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9803.63	0.0485	P	2.8
2	☐	50.000					
3	☐	500.000	470.555	89653.39	0.4430	P	1.9
4	☐	2500.000	2600.079	430475.52	2.2282	P	0.5
5	☐	6250.000	6411.675	961321.82	5.4235	P	0.8
6	☐	12500.000	12583.831	1673692.09	10.5977	P	0.5
7	☐	25000.000	25264.971	3191808.99	21.2285	P	0.5
8	☐	50000.000	49889.575	6322814.90	41.8716	A	1.0
9	☐	250000.00	249986.41	35222806.69	209.6153	A	0.0
10	☐						

$$y = 8.3831\text{E-}004 * x + 0.0485$$

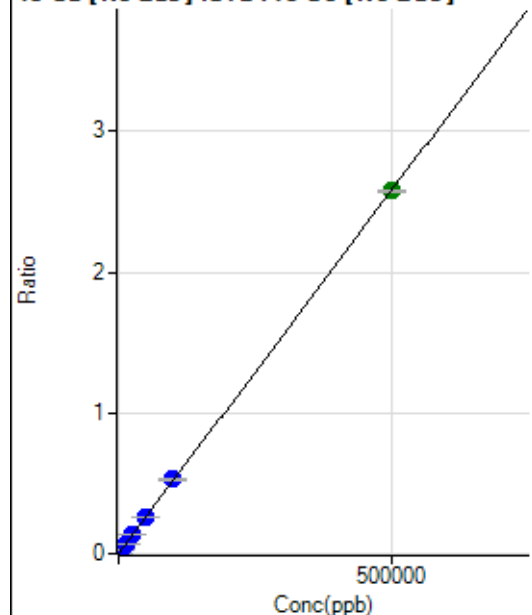
R = 1.0000

DL = 4.885

BEC = 57.86

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	22.6
2	☐	50.000					
3	☐	500.000	458.330	9675.78	0.0024	P	2.7
4	☐	5000.000	5162.198	102235.41	0.0267	P	5.3
5	☐	12500.000	12659.344	239302.86	0.0653	P	0.7
6	☐	25000.000	25393.382	416928.59	0.1310	P	0.9
7	☐	50000.000	50789.422	767379.35	0.2621	P	1.8
8	☐	100000.00	102012.40	1518869.92	0.5263	P	0.9
9	☐	500000.00	499493.34	8090190.55	2.5770	A	0.3
10	☐						

$$y = 5.1592\text{E-}006 * x + 1.9198\text{E-}005$$

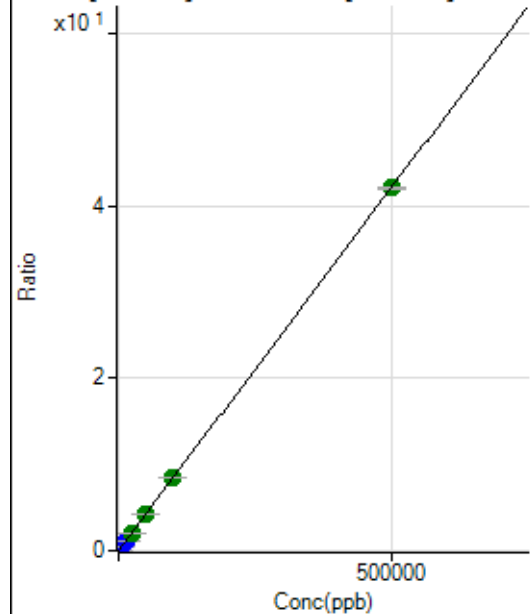
R = 1.0000

DL = 2.523

BEC = 3.721

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3939.71	0.0010	P	7.9
2	☐	50.000					
3	☐	500.000	459.822	161225.14	0.0397	P	0.5
4	☐	5000.000	5147.447	1668237.37	0.4347	P	3.7
5	☐	12500.000	12567.206	3882527.26	1.0600	P	0.4
6	☐	25000.000	25084.271	6728807.70	2.1147	A	0.2
7	☐	50000.000	50715.041	12517738.30	4.2745	A	1.4
8	☐	100000.00	101639.78	24719223.47	8.5657	A	0.4
9	☐	500000.00	499593.21	132163596.0	42.0996	A	0.5
10	☐						

$$y = 8.4266\text{E-}005 * x + 9.7203\text{E-}004$$

R = 1.0000

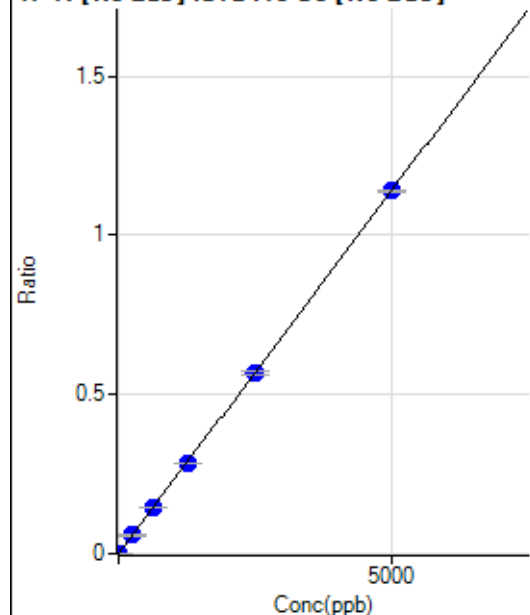
DL = 2.728

BEC = 11.54

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	44.8
2	☐	0.500					
3	☐	5.000	5.041	4728.72	0.0012	P	2.7
4	☐	250.000	256.739	224515.91	0.0585	P	4.0
5	☐	625.000	627.908	524066.72	0.1431	P	0.3
6	☐	1250.000	1253.008	908397.92	0.2855	P	0.3
7	☐	2500.000	2498.885	1667247.99	0.5693	P	1.7
8	☐	5000.000	4999.105	3286882.45	1.1390	P	0.6
9	☐			1894.64	0.0006	P	8.7
10	☐						

$$y = 2.2783\text{E-}004 * x + 1.6431\text{E-}005$$

$$R = 1.0000$$

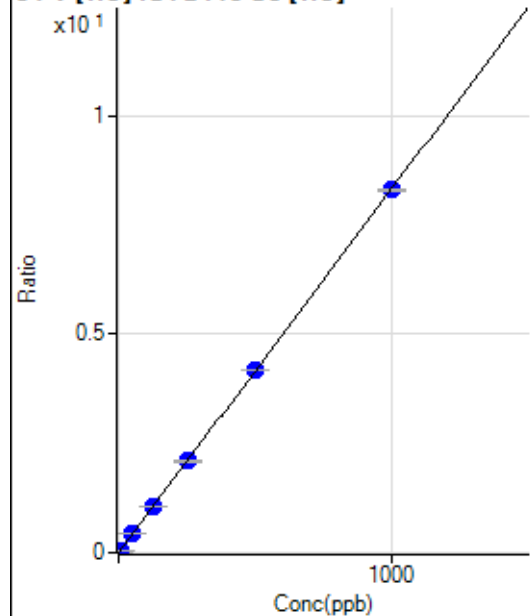
$$DL = 0.09688$$

$$BEC = 0.07212$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.8
2	☐	0.500					
3	☐	5.000	4.842	8165.71	0.0403	P	2.2
4	☐	50.000	51.435	82714.73	0.4281	P	1.0
5	☐	125.000	127.889	188673.65	1.0644	P	0.3
6	☐	250.000	251.827	331025.51	2.0960	P	0.7
7	☐	500.000	502.774	629179.04	4.1846	P	0.4
8	☐	1000.000	997.724	1253957.97	8.3040	P	0.6
9	☐			265.56	0.0016	P	10.9
10	☐						

$$y = 0.0083 * x + 4.3998\text{E-}005$$

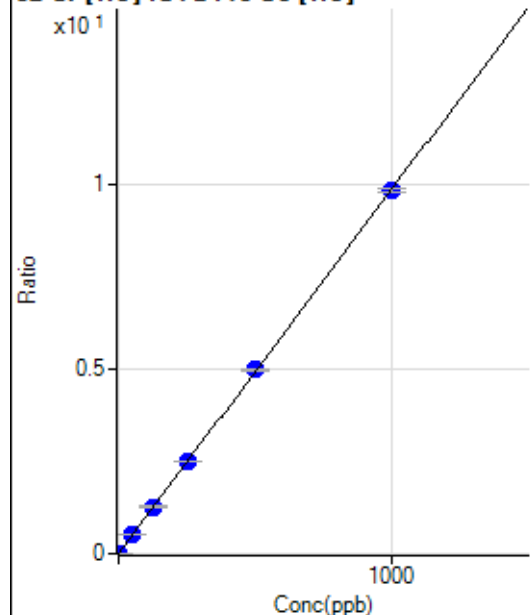
$$R = 1.0000$$

$$DL = 0.00346$$

$$BEC = 0.005286$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	520.02	0.0026	P	6.3
2	☐	0.200					
3	☐	2.000	1.882	4281.79	0.0212	P	3.5
4	☐	50.000	52.042	99757.63	0.5164	P	0.7
5	☐	125.000	128.935	226073.32	1.2755	P	0.7
6	☐	250.000	253.149	395109.67	2.5018	P	0.2
7	☐	500.000	504.316	748991.93	4.9815	P	0.4
8	☐	1000.000	996.461	1485928.49	9.8402	P	1.0
9	☐			12458.74	0.0741	P	1.4
10	☐						

$$y = 0.0099 * x + 0.0026$$

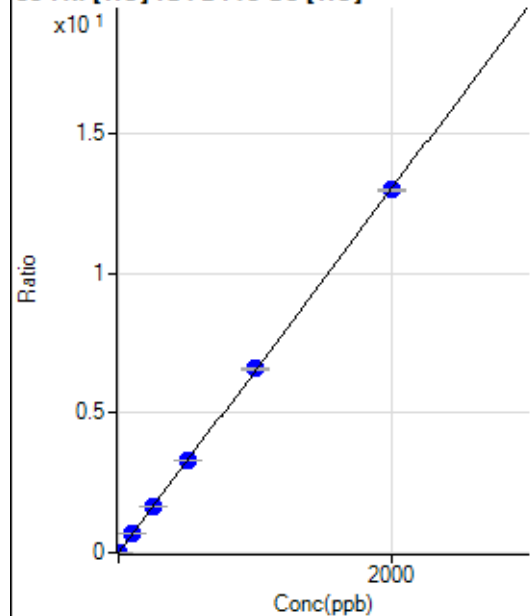
$$R = 1.0000$$

$$DL = 0.04944$$

$$BEC = 0.2606$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.66	0.0001	P	57.3
2	☐	0.100					
3	☐	1.000	0.954	1283.41	0.0063	P	3.8
4	☐	100.000	101.881	128182.48	0.6635	P	0.6
5	☐	250.000	254.748	294026.32	1.6588	P	0.7
6	☐	500.000	503.432	517690.60	3.2780	P	0.6
7	☐	1000.000	1009.357	988141.27	6.5721	P	0.9
8	☐	2000.000	1993.776	1960318.25	12.9817	P	0.9
9	☐			8558.16	0.0509	P	2.7
10	☐	10000.000					

$$y = 0.0065 * x + 1.3188E-004$$

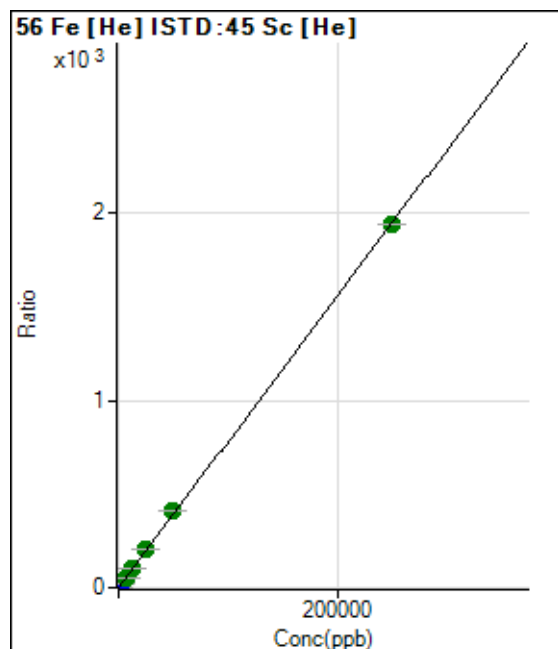
$$R = 1.0000$$

$$DL = 0.0348$$

$$BEC = 0.02025$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2292.83	0.0113	P	2.7
2	☐	5.000					
3	☐	50.000	54.181	87503.86	0.4323	P	1.0
4	☐	2500.000	2770.570	4161012.07	21.5377	P	0.5
5	☐	6250.000	6802.338	9369939.68	52.8630	A	0.6
6	☐	12500.000	13478.619	16540921.44	104.7353	A	0.2
7	☐	25000.000	26884.232	31408181.49	208.8920	A	0.4
8	☐	50000.000	53264.131	62495025.93	413.8541	A	0.5
9	☐	250000.00	249093.30	325212177.6	1,935.375	A	0.1
10	☐						

$$y = 0.0078 * x + 0.0113$$

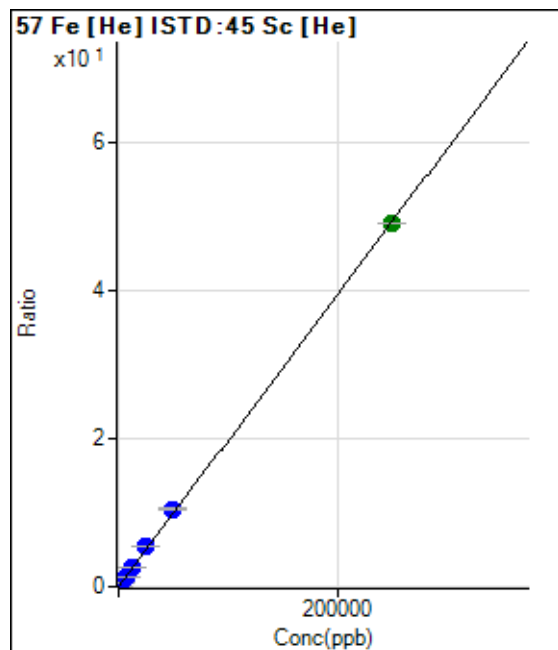
R = 0.9999

DL = 0.1173

BEC = 1.46

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.41	0.0005	P	7.7
2	☐	5.000					
3	☐	50.000	54.743	2283.57	0.0113	P	2.4
4	☐	2500.000	2775.104	105401.68	0.5456	P	0.1
5	☐	6250.000	6866.704	239137.97	1.3492	P	0.2
6	☐	12500.000	13673.271	424200.44	2.6860	P	0.5
7	☐	25000.000	27162.492	802190.98	5.3353	P	0.5
8	☐	50000.000	53366.171	1582814.63	10.4818	P	1.0
9	☐	250000.00	249033.68	8218866.21	48.9113	A	0.1
10	☐						

$$y = 1.9640E-004 * x + 5.3138E-004$$

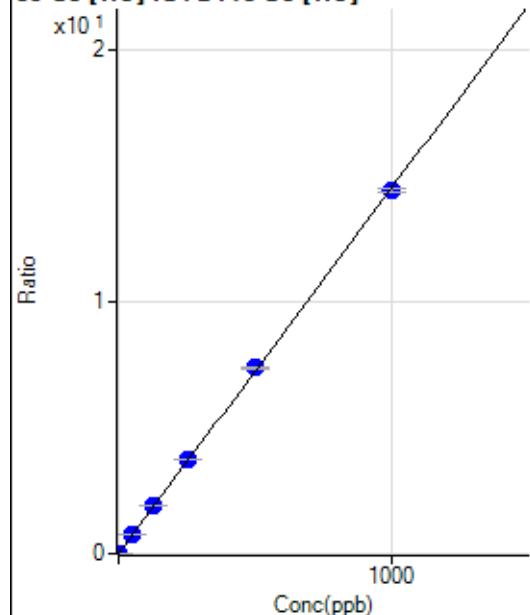
R = 0.9999

DL = 0.627

BEC = 2.706

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0003	P	12.2
2	☐	0.100					
3	☐	1.000	0.961	2878.11	0.0142	P	5.7
4	☐	50.000	53.085	148993.78	0.7712	P	0.4
5	☐	125.000	131.920	339628.33	1.9161	P	0.6
6	☐	250.000	258.105	592026.30	3.7486	P	0.6
7	☐	500.000	508.296	1109934.61	7.3821	P	0.7
8	☐	1000.000	992.807	2177275.02	14.4185	P	1.1
9	☐			27770.91	0.1653	P	1.1
10	☐						

$$y = 0.0145 * x + 2.6382E-004$$

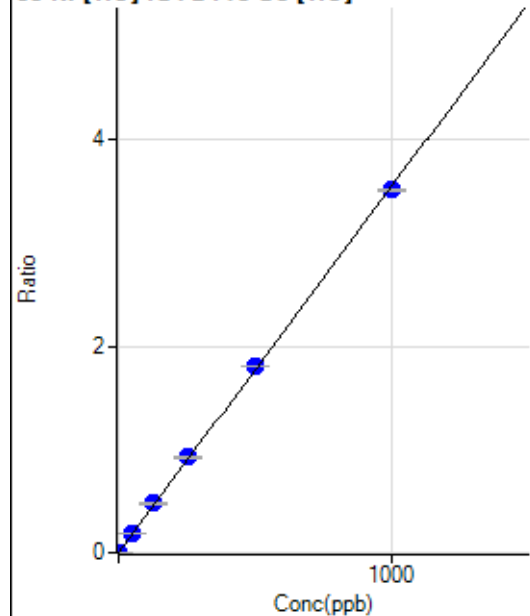
$$R = 0.9999$$

$$DL = 0.006672$$

$$BEC = 0.01817$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.00	0.0003	P	9.4
2	☐	0.100					
3	☐	1.000	0.998	786.70	0.0039	P	4.1
4	☐	50.000	54.204	37225.12	0.1927	P	1.2
5	☐	125.000	134.650	84749.73	0.4781	P	1.5
6	☐	250.000	260.373	145965.68	0.9242	P	0.5
7	☐	500.000	510.049	272172.67	1.8102	P	0.4
8	☐	1000.000	990.966	531038.89	3.5167	P	0.7
9	☐			7256.34	0.0432	P	2.9
10	☐						

$$y = 0.0035 * x + 3.4631E-004$$

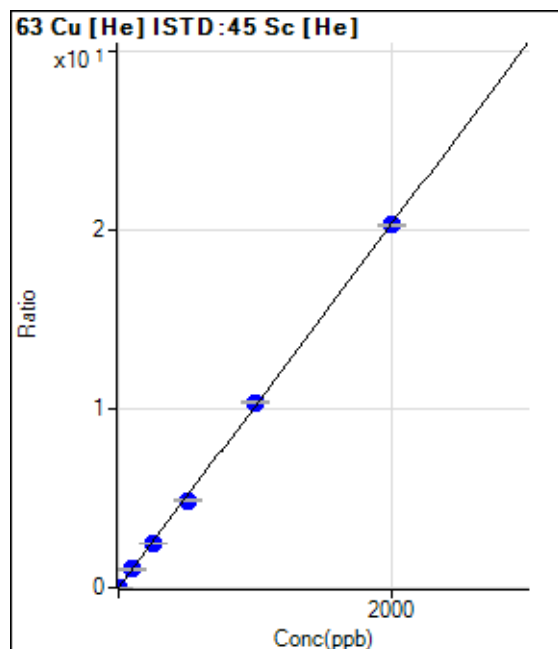
$$R = 0.9998$$

$$DL = 0.02757$$

$$BEC = 0.0976$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	321.12	0.0016	P	9.9
2	☐	0.200					
3	☐	2.000	1.762	3948.37	0.0195	P	0.9
4	☐	100.000	100.507	197777.51	1.0237	P	0.7
5	☐	250.000	246.514	444636.41	2.5085	P	0.3
6	☐	500.000	480.885	772592.79	4.8920	P	0.2
7	☐	1000.000	1018.745	1557919.68	10.3618	P	1.0
8	☐	2000.000	1995.817	3065155.44	20.2982	P	0.9
9	☐			4003.95	0.0238	P	2.6
10	☐	10000.000					

$$y = 0.0102 * x + 0.0016$$

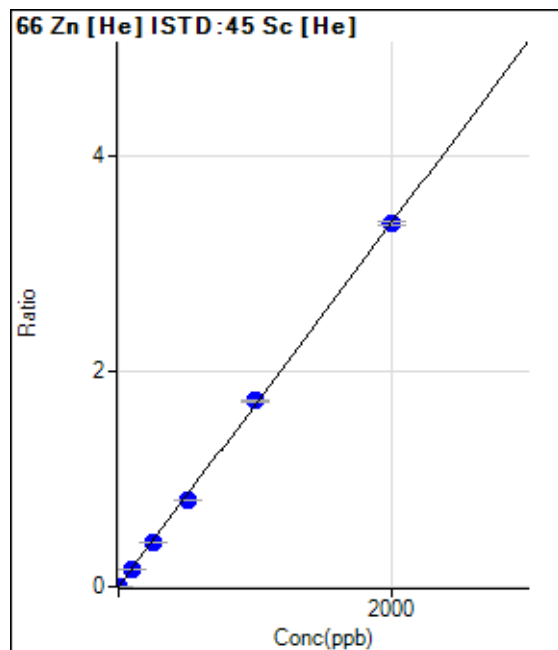
$$R = 0.9999$$

$$DL = 0.04639$$

$$BEC = 0.1562$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.01	0.0012	P	11.0
2	☐	0.200					
3	☐	2.000	1.577	780.03	0.0039	P	3.1
4	☐	100.000	97.787	32185.58	0.1666	P	0.6
5	☐	250.000	240.666	72366.04	0.4083	P	0.7
6	☐	500.000	477.956	127869.27	0.8097	P	0.3
7	☐	1000.000	1024.183	260654.59	1.7336	P	1.0
8	☐	2000.000	1994.698	509682.24	3.3753	P	1.1
9	☐			4420.75	0.0263	P	2.5
10	☐	10000.000					

$$y = 0.0017 * x + 0.0012$$

$$R = 0.9998$$

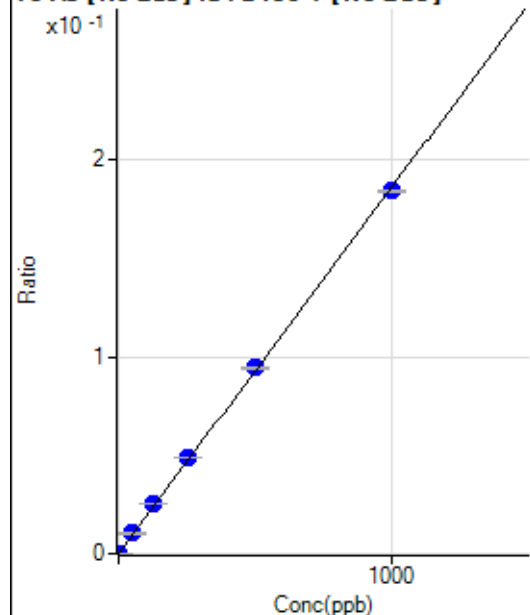
$$DL = 0.2316$$

$$BEC = 0.7019$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-227.84	0.0000	P	-42.
2	☐	0.100					
3	☐	1.000	1.182	1217.83	0.0002	P	22.0
4	☐	50.000	55.597	64833.26	0.0103	P	5.2
5	☐	125.000	134.966	153000.06	0.0251	P	0.7
6	☐	250.000	260.645	266946.01	0.0484	P	0.2
7	☐	500.000	508.855	491361.02	0.0946	P	1.2
8	☐	1000.000	991.386	948158.11	0.1842	P	0.5
9	☐			1454.14	0.0003	P	11.7
10	☐						

$$y = 1.8588\text{E-}004 * x - 3.4569\text{E-}005$$

R = 0.9999

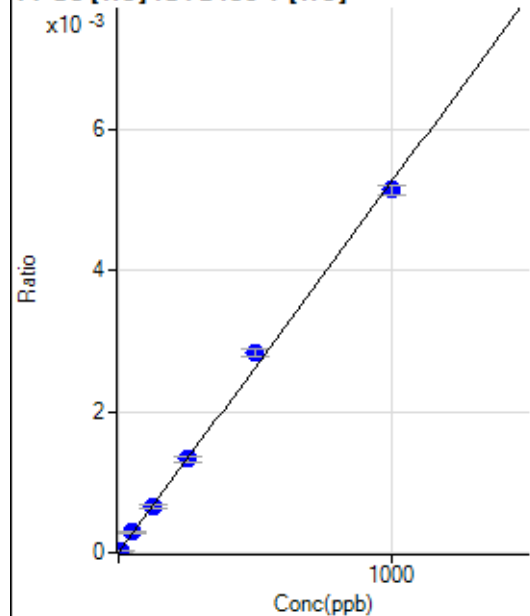
DL = 0.2352

BEC = -0.186

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.562	34.44	0.0000	P	14.8
4	☐	50.000	55.691	311.12	0.0003	P	11.5
5	☐	125.000	125.572	653.36	0.0007	P	8.4
6	☐	250.000	252.518	1191.18	0.0013	P	7.1
7	☐	500.000	540.464	2433.58	0.0028	P	3.9
8	☐	1000.000	978.780	4412.97	0.0051	P	2.7
9	☐			0.00	0.0000	P	
10	☐						

$$y = 5.2571\text{E-}006 * x + 2.0125\text{E-}006$$

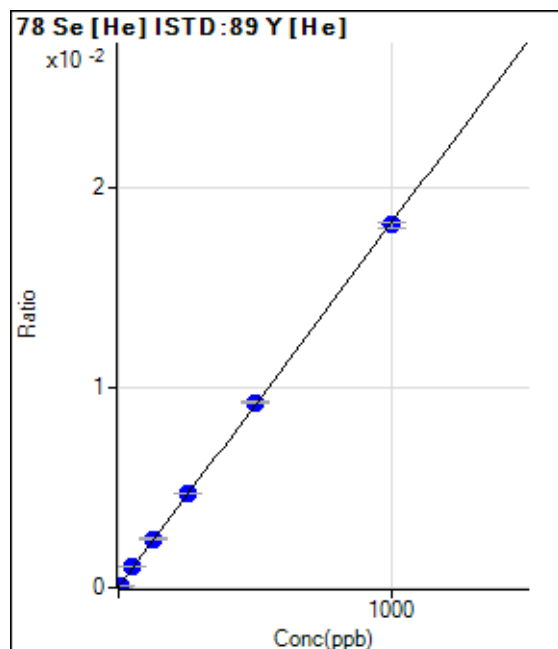
R = 0.9988

DL = 1.989

BEC = 0.3828

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.65	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	5.715	152.47	0.0001	P	5.2
4	☐	50.000	55.772	1109.31	0.0011	P	2.5
5	☐	125.000	130.816	2387.26	0.0024	P	3.8
6	☐	250.000	256.227	4216.69	0.0047	P	1.0
7	☐	500.000	506.914	7941.13	0.0093	P	1.0
8	☐	1000.000	993.967	15567.71	0.0182	P	1.4
9	☐			38.27	0.0000	P	27.3
10	☐						

$$y = 1.8236E-005 * x + 3.4125E-005$$

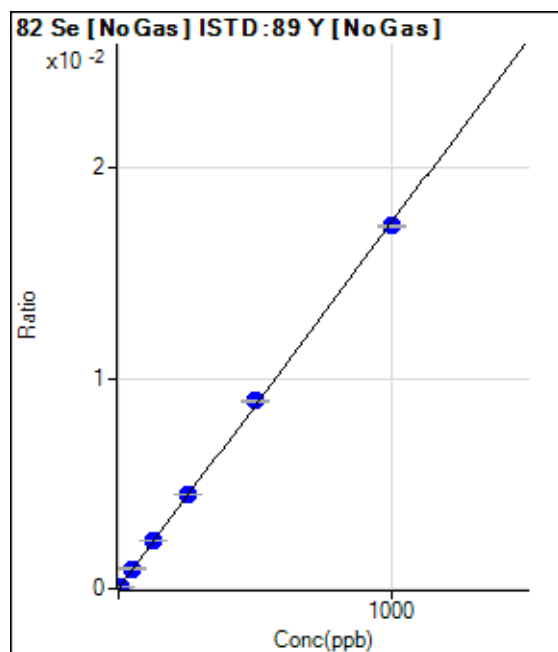
R = 0.9999

DL = 0.5859

BEC = 1.871

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	71.32	0.0000	P	54.4
2	☐	0.500					
3	☐	5.000	4.886	630.76	0.0001	P	8.8
4	☐	50.000	54.431	6036.23	0.0010	P	3.7
5	☐	125.000	131.048	14001.68	0.0023	P	1.0
6	☐	250.000	256.893	24721.96	0.0045	P	0.9
7	☐	500.000	512.872	46461.83	0.0089	P	1.6
8	☐	1000.000	990.864	88840.31	0.0173	P	0.4
9	☐			77.49	0.0000	P	50.8
10	☐						

$$y = 1.7412E-005 * x + 1.0824E-005$$

R = 0.9998

DL = 1.015

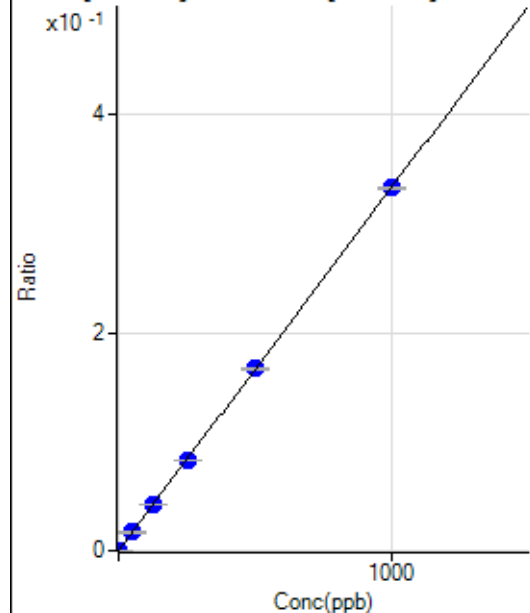
BEC = 0.6216

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			156.67		P	9.3
2	☐						
3	☐			176.67		P	6.8
4	☐			140.00		P	10.4
5	☐			160.00		P	27.1
6	☐			135.56		P	9.9
7	☐			137.78		P	3.7
8	☐			87.78		P	24.7
9	☐			156.67		P	17.4
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	311.13	0.0000	P	13.7
2	☐	0.100					
3	☐	1.000	0.890	2261.39	0.0003	P	2.8
4	☐	50.000	51.183	107699.13	0.0171	P	4.6
5	☐	125.000	125.280	255307.47	0.0418	P	0.1
6	☐	250.000	250.307	460276.46	0.0835	P	0.1
7	☐	500.000	500.971	867993.74	0.1670	P	1.4
8	☐	1000.000	999.344	1714407.29	0.3331	P	0.2
9	☐			7607.85	0.0015	P	4.6
10	☐						

$$y = 3.3331\text{E-}004 * x + 4.7180\text{E-}005$$

$$R = 1.0000$$

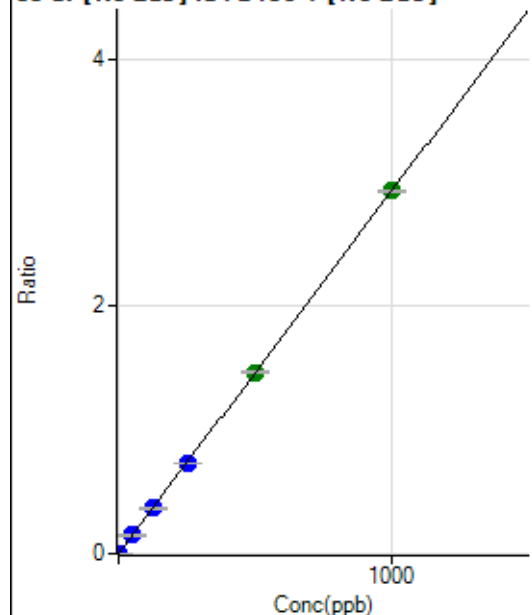
$$DL = 0.05833$$

$$BEC = 0.1416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	31.3
2	☐	0.100					
3	☐	1.000	0.904	17461.24	0.0027	P	2.3
4	☐	50.000	50.941	939868.36	0.1493	P	4.1
5	☐	125.000	124.845	2234114.01	0.3658	P	0.3
6	☐	250.000	247.615	4000601.04	0.7255	P	0.6
7	☐	500.000	499.450	7605213.19	1.4634	A	1.1
8	☐	1000.000	1000.844	15091827.25	2.9326	A	0.2
9	☐			65957.76	0.0127	P	2.3
10	☐						

$$y = 0.0029 * x + 4.6317E-006$$

R = 1.0000

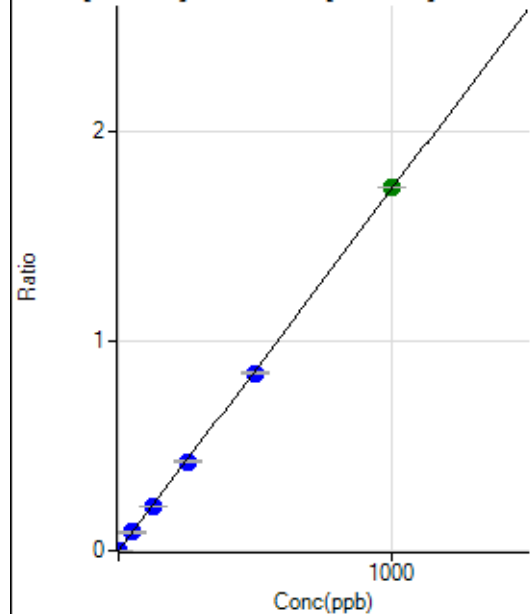
DL = 0.001482

BEC = 0.001581

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.25	0.0001	P	15.0
2	☐	0.100					
3	☐	1.000	0.865	10309.69	0.0016	P	3.4
4	☐	50.000	50.979	554447.32	0.0881	P	3.8
5	☐	125.000	124.955	1317401.43	0.2157	P	0.1
6	☐	250.000	247.276	2353353.33	0.4268	P	0.5
7	☐	500.000	492.103	4413693.76	0.8493	P	1.0
8	☐	1000.000	1004.586	8922037.87	1.7337	A	0.1
9	☐			3269.96	0.0006	P	8.7
10	☐						

$$y = 0.0017 * x + 7.5390E-005$$

R = 0.9999

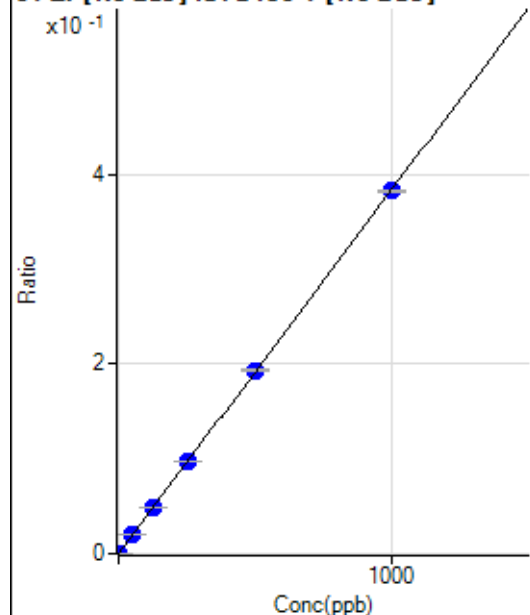
DL = 0.01965

BEC = 0.04369

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	8.6
2	☐	0.100					
3	☐	1.000	0.872	2300.27	0.0003	P	7.5
4	☐	50.000	51.336	124141.72	0.0197	P	4.2
5	☐	125.000	127.009	297766.53	0.0488	P	0.5
6	☐	250.000	252.203	533756.29	0.0968	P	0.2
7	☐	500.000	503.212	1003721.34	0.1931	P	0.7
8	☐	1000.000	997.526	1970166.99	0.3828	P	0.3
9	☐			775.06	0.0001	P	5.1
10	☐						

$$y = 3.8377\text{E-}004 * x + 1.5167\text{E-}005$$

$$R = 1.0000$$

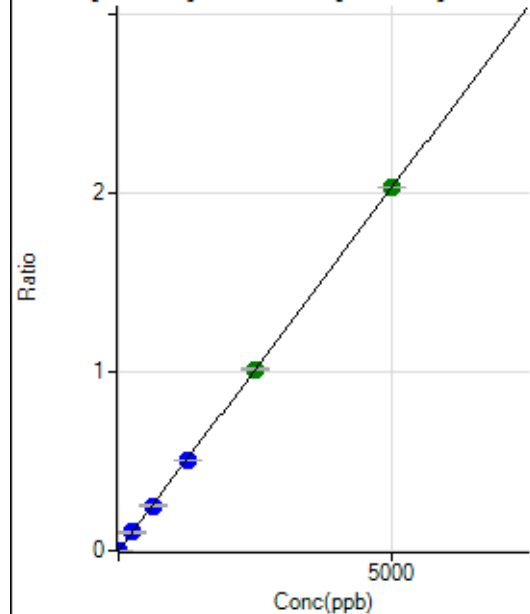
$$DL = 0.01014$$

$$BEC = 0.03952$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.90	0.0000	P	11.3
2	☐	0.500					
3	☐	5.000	4.784	12967.41	0.0020	P	1.8
4	☐	250.000	255.004	652136.43	0.1036	P	4.7
5	☐	625.000	622.880	1545042.51	0.2530	P	0.5
6	☐	1250.000	1241.543	2780228.58	0.5042	P	0.2
7	☐	2500.000	2499.617	5275445.00	1.0151	A	1.3
8	☐	5000.000	5002.321	10454644.33	2.0315	A	0.2
9	☐			6662.93	0.0013	P	6.3
10	☐						

$$y = 4.0611\text{E-}004 * x + 2.8650\text{E-}005$$

$$R = 1.0000$$

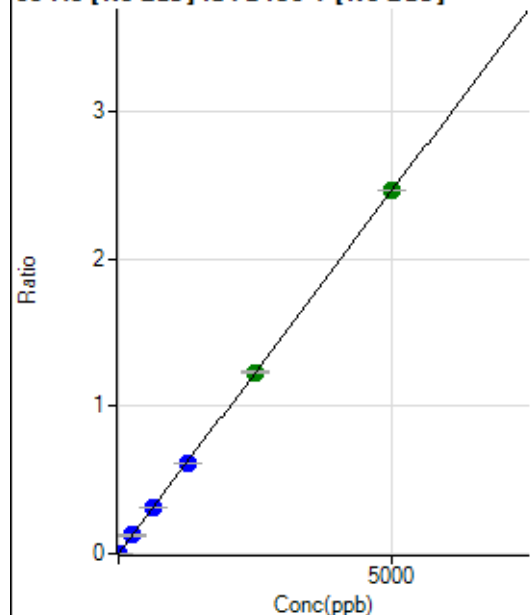
$$DL = 0.02382$$

$$BEC = 0.07055$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.8
2	☐	0.500					
3	☐	5.000	4.851	15728.62	0.0024	P	2.2
4	☐	250.000	256.192	792770.73	0.1259	P	4.5
5	☐	625.000	624.579	1874717.71	0.3070	P	0.3
6	☐	1250.000	1240.438	3361502.55	0.6096	P	0.3
7	☐	2500.000	2496.789	6377070.93	1.2271	A	1.0
8	☐	5000.000	5003.739	12655614.52	2.4592	A	0.0
9	☐			9203.35	0.0018	P	6.6
10	☐						

$$y = 4.9147\text{E-}004 * x + 7.1598\text{E-}006$$

R = 1.0000

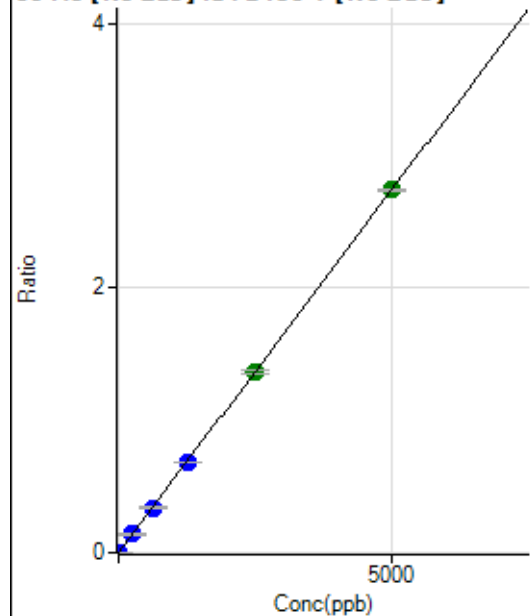
DL = 0.01173

BEC = 0.01457

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	6.9
2	☐	0.500					
3	☐	5.000	4.826	17455.73	0.0027	P	1.4
4	☐	250.000	253.916	875602.01	0.1391	P	4.5
5	☐	625.000	623.280	2084858.38	0.3414	P	0.3
6	☐	1250.000	1238.881	3741248.52	0.6785	P	0.2
7	☐	2500.000	2494.171	7098970.47	1.3660	A	1.2
8	☐	5000.000	5005.714	14108668.02	2.7416	A	0.4
9	☐			12550.44	0.0024	P	3.9
10	☐						

$$y = 5.4769\text{E-}004 * x + 1.0953\text{E-}005$$

R = 1.0000

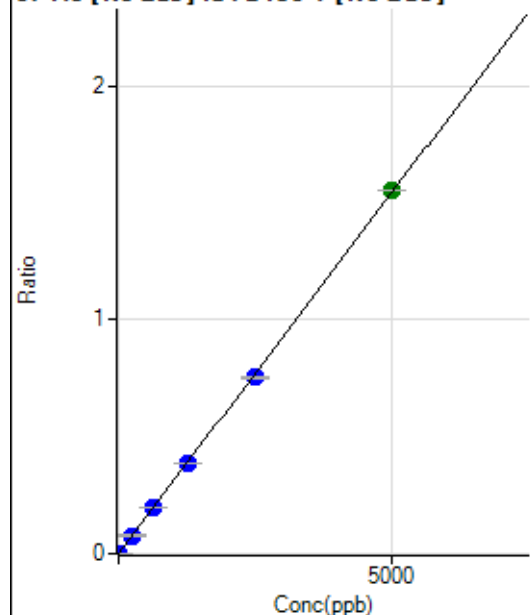
DL = 0.00412

BEC = 0.02

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.760	9692.55	0.0015	P	3.2
4	☐	250.000	252.712	490787.04	0.0780	P	4.7
5	☐	625.000	627.995	1183086.52	0.1937	P	0.1
6	☐	1250.000	1244.866	2117353.15	0.3840	P	0.5
7	☐	2500.000	2446.243	3921457.64	0.7546	P	1.0
8	☐	5000.000	5027.653	7981027.26	1.5509	A	0.2
9	☐			5851.43	0.0011	P	2.9
10	☐						

$$y = 3.0846\text{E-}004 * x + 5.4749\text{E-}006$$

R = 0.9999

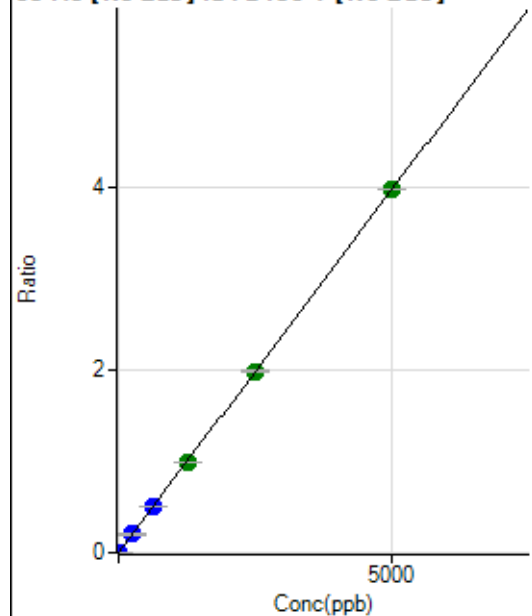
DL = 0.006978

BEC = 0.01775

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.6
2	☐	0.500					
3	☐	5.000	4.818	25256.43	0.0038	P	2.9
4	☐	250.000	254.350	1273147.59	0.2022	P	4.1
5	☐	625.000	625.631	3037315.89	0.4973	P	0.2
6	☐	1250.000	1240.908	5438977.68	0.9864	A	0.2
7	☐	2500.000	2495.110	10307405.78	1.9834	A	1.0
8	☐	5000.000	5004.422	20472211.05	3.9781	A	0.1
9	☐			14146.43	0.0027	P	7.3
10	☐						

$$y = 7.9491\text{E-}004 * x + 1.0112\text{E-}005$$

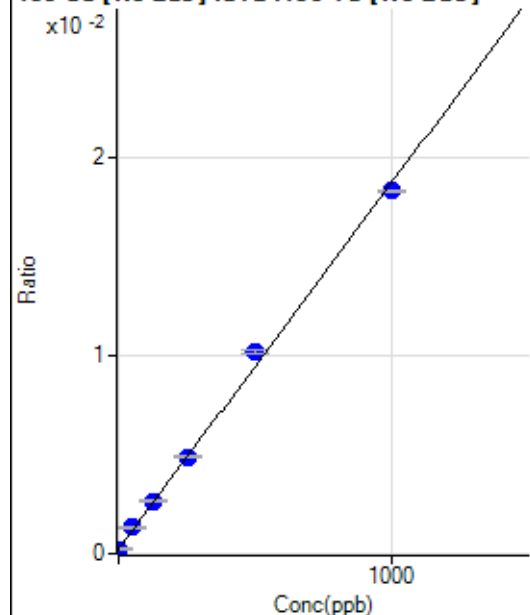
R = 1.0000

DL = 0.00482

BEC = 0.01272

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2033.57	0.0002	P	2.9
2	☐	0.100					
3	☐	1.000	0.708	2150.26	0.0002	P	5.2
4	☐	50.000	58.978	11507.90	0.0013	P	4.2
5	☐	125.000	130.605	23311.58	0.0026	P	2.3
6	☐	250.000	251.605	41015.87	0.0049	P	2.3
7	☐	500.000	540.075	83437.15	0.0102	P	1.4
8	☐	1000.000	978.412	150582.36	0.0183	P	0.4
9	☐			1805.75	0.0002	P	7.5
10	☐						

$$y = 1.8490\text{E-}005 * x + 2.2432\text{E-}004$$

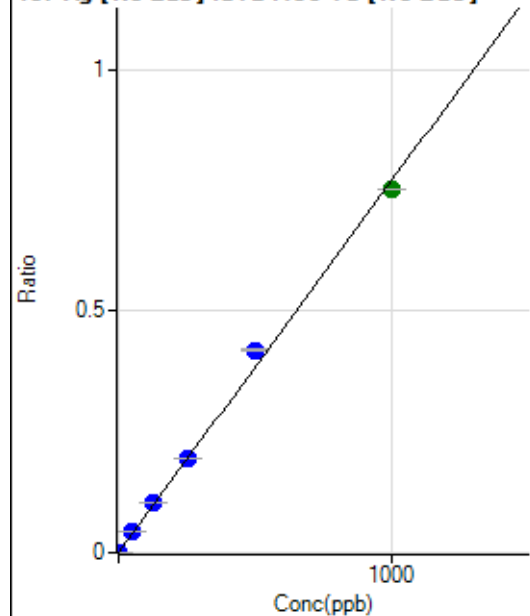
R = 0.9988

DL = 1.043

BEC = 12.13

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	8.5
2	☐	0.100					
3	☐	1.000	0.848	5959.84	0.0007	P	1.3
4	☐	50.000	57.823	389456.81	0.0445	P	3.6
5	☐	125.000	135.699	922228.28	0.1044	P	0.5
6	☐	250.000	252.260	1632507.53	0.1941	P	0.8
7	☐	500.000	544.295	3422224.34	0.4188	P	1.3
8	☐	1000.000	975.559	6171223.10	0.7506	A	0.0
9	☐			883.40	0.0001	P	21.0
10	☐						

$$y = 7.6941\text{E-}004 * x + 5.8197\text{E-}006$$

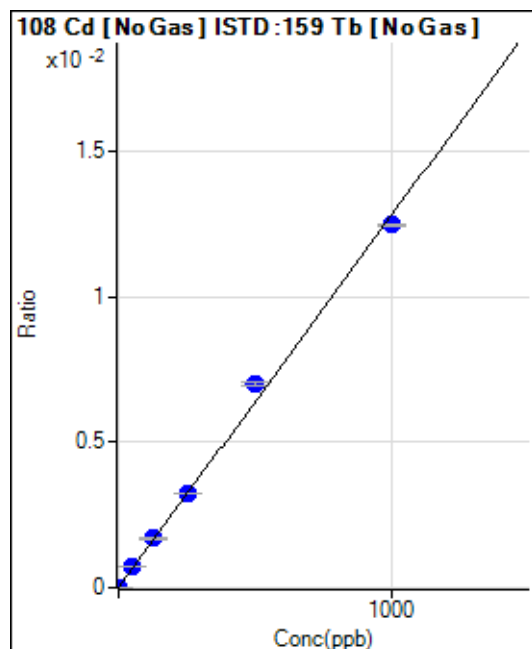
R = 0.9985

DL = 0.00192

BEC = 0.007564

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	0.802	97.22	0.0000	P	4.7
4	☐	50.000	57.110	6404.37	0.0007	P	5.1
5	☐	125.000	132.393	14983.14	0.0017	P	2.0
6	☐	250.000	251.234	27070.53	0.0032	P	0.2
7	☐	500.000	547.731	57333.63	0.0070	P	2.1
8	☐	1000.000	974.547	102634.63	0.0125	P	0.4
9	☐			22.22	0.0000	P	27.5
10	☐						

$$y = 1.2809\text{E-}005 * x + 4.5905\text{E-}007$$

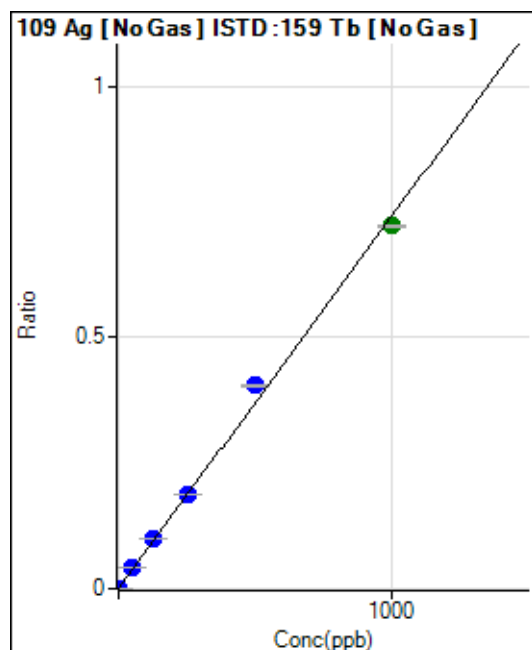
R = 0.9983

DL = 0.1078

BEC = 0.03584

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.7
2	☐	0.100					
3	☐	1.000	0.805	5434.64	0.0006	P	3.5
4	☐	50.000	57.177	370462.33	0.0423	P	4.6
5	☐	125.000	134.745	881225.53	0.0998	P	0.8
6	☐	250.000	253.089	1576111.33	0.1874	P	0.9
7	☐	500.000	545.386	3299849.25	0.4038	P	1.1
8	☐	1000.000	974.958	5934838.24	0.7219	A	0.3
9	☐			711.15	0.0001	P	14.9
10	☐						

$$y = 7.4040\text{E-}004 * x + 3.9859\text{E-}006$$

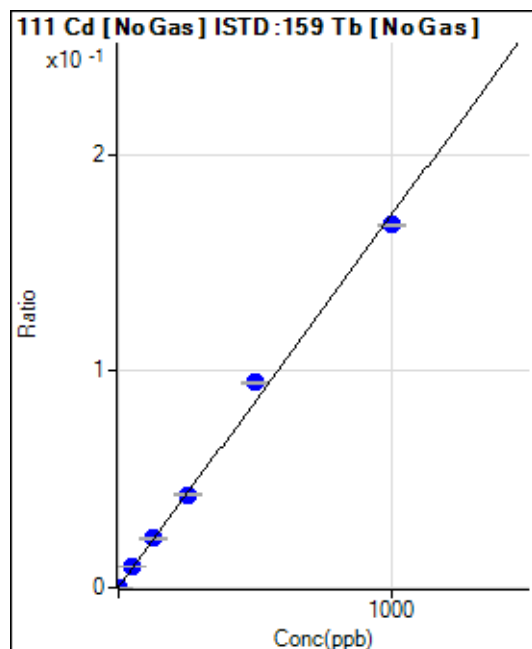
R = 0.9984

DL = 0.005759

BEC = 0.005383

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1427.53	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	0.983	2958.07	0.0003	P	3.6
4	☐	50.000	55.937	85586.29	0.0098	P	4.7
5	☐	125.000	130.858	200236.31	0.0227	P	0.4
6	☐	250.000	249.565	362451.31	0.0431	P	0.8
7	☐	500.000	550.564	775350.02	0.0949	P	1.0
8	☐	1000.000	973.798	1378685.20	0.1677	P	0.6
9	☐			1534.59	0.0002	P	6.2
10	☐						

$$y = 1.7205\text{E-}004 * x + 1.5747\text{E-}004$$

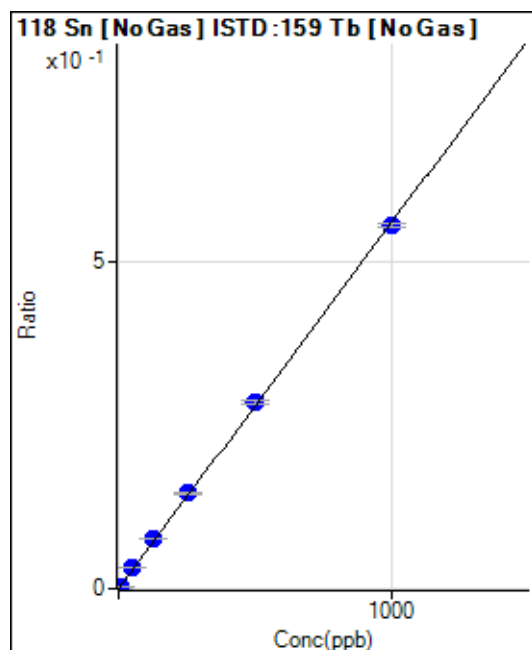
R = 0.9981

DL = 0.08989

BEC = 0.9153

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	459.25	0.0001	P	14.8
2	☐	0.500					
3	☐	5.000	5.185	26752.93	0.0030	P	2.0
4	☐	50.000	56.800	278780.36	0.0319	P	4.5
5	☐	125.000	136.008	673153.61	0.0762	P	0.3
6	☐	250.000	261.043	1229939.16	0.1462	P	0.9
7	☐	500.000	508.774	2328575.92	0.2850	P	1.4
8	☐	1000.000	991.135	4563440.13	0.5551	P	0.9
9	☐			4009.30	0.0005	P	6.8
10	☐						

$$y = 5.5999\text{E-}004 * x + 5.0676\text{E-}005$$

R = 0.9998

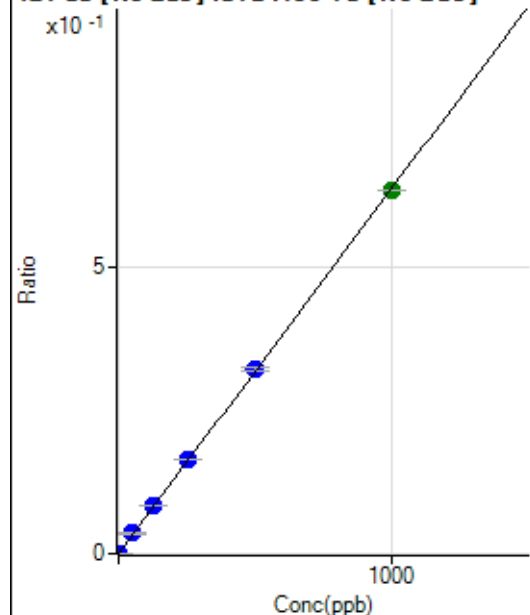
DL = 0.04027

BEC = 0.09049

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	28.0
2	☐	0.200					
3	☐	2.000	1.886	10932.46	0.0012	P	1.8
4	☐	50.000	55.356	308889.92	0.0353	P	4.0
5	☐	125.000	132.694	747198.46	0.0846	P	0.3
6	☐	250.000	256.849	1377268.57	0.1637	P	1.0
7	☐	500.000	505.972	2635952.49	0.3226	P	1.1
8	☐	1000.000	994.072	5210364.92	0.6337	A	0.0
9	☐			7930.34	0.0010	P	0.8
10	☐						

$$y = 6.3751\text{E-}004 * x + 4.8977\text{E-}006$$

$$R = 0.9999$$

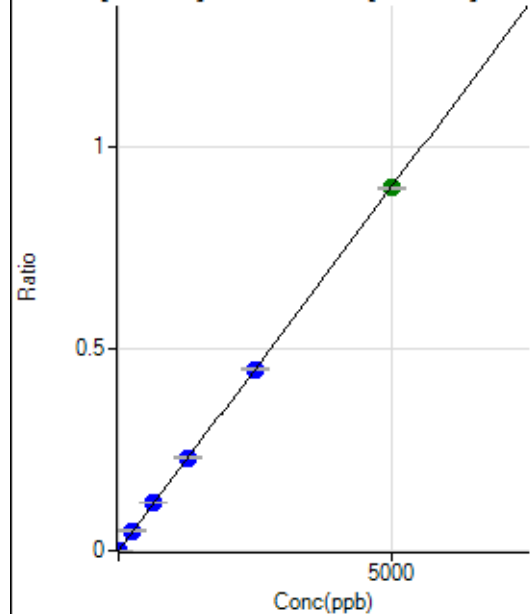
$$DL = 0.006463$$

$$BEC = 0.007682$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	45.1
2	☐	1.000					
3	☐	10.000	9.899	16223.98	0.0018	P	1.3
4	☐	250.000	274.785	434130.47	0.0496	P	4.6
5	☐	625.000	657.276	1048116.60	0.1187	P	0.7
6	☐	1250.000	1280.410	1944302.56	0.2312	P	0.9
7	☐	2500.000	2498.110	3685486.37	0.4510	P	1.4
8	☐	5000.000	4988.069	7403830.98	0.9005	A	0.6
9	☐			1750.19	0.0002	P	12.4
10	☐						

$$y = 1.8054\text{E-}004 * x + 4.2946\text{E-}006$$

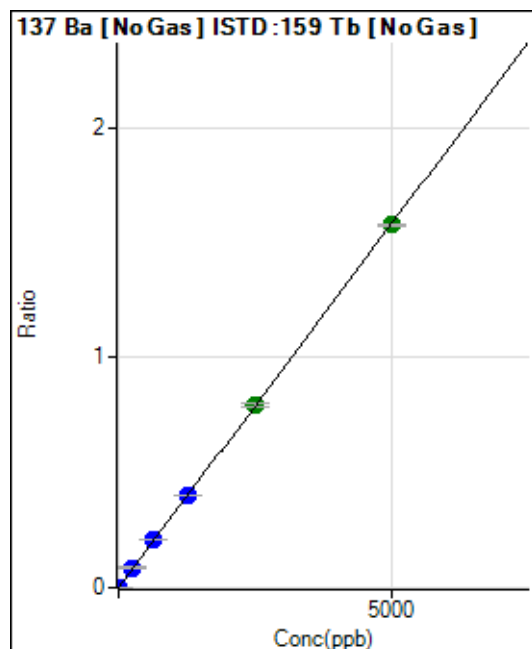
$$R = 1.0000$$

$$DL = 0.03217$$

$$BEC = 0.02379$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.6
2	☐	1.000					
3	☐	10.000	9.825	28196.19	0.0031	P	1.8
4	☐	250.000	271.248	750911.17	0.0858	P	4.6
5	☐	625.000	650.355	1817244.77	0.2058	P	0.3
6	☐	1250.000	1266.262	3369369.35	0.4006	P	0.9
7	☐	2500.000	2510.859	6490828.23	0.7943	A	1.9
8	☐	5000.000	4986.273	12968931.37	1.5775	A	0.6
9	☐			3031.03	0.0004	P	12.3
10	☐						

$$y = 3.1636E-004 * x + 5.2056E-006$$

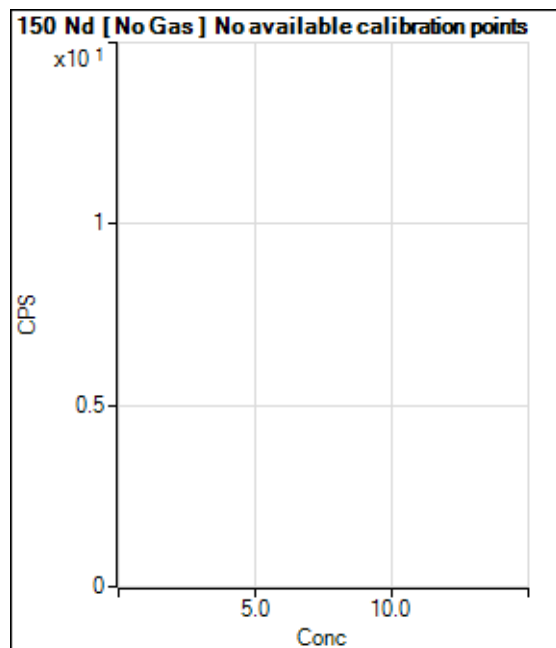
$$R = 1.0000$$

$$DL = 0.01313$$

$$BEC = 0.01645$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			44.45		P	37.7
5	☐			91.11		P	8.4
6	☐			166.68		P	18.3
7	☐			320.01		P	7.5
8	☐			495.58		P	7.6
9	☐			146.68		P	7.9
10	☐						

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			8.89		P	21.6
5	☐			12.22		P	41.7
6	☐			10.00		P	57.7
7	☐			30.00		P	29.4
8	☐			60.00		P	24.2
9	☐			47.78		P	14.5
10	☐						

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			11.11		P	43.3
5	☐			27.78		P	69.3
6	☐			11.11		P	43.3
7	☐			63.89		P	19.9
8	☐			77.78		P	40.6
9	☐			72.22		P	29.0
10	☐						

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	0.0
4	☐			14.45		P	26.7
5	☐			20.00		P	0.0
6	☐			36.66		P	56.8
7	☐			83.33		P	4.0
8	☐			147.78		P	9.1
9	☐			38.89		P	32.4
10	☐						

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			36.11		P	70.5
4	☐			36.11		P	58.1
5	☐			27.78		P	45.8
6	☐			33.33		P	43.3
7	☐			33.33		P	50.0
8	☐			33.34		P	43.3
9	☐			77.78		P	32.7
10	☐						

160 Gd [He] No available calibration points

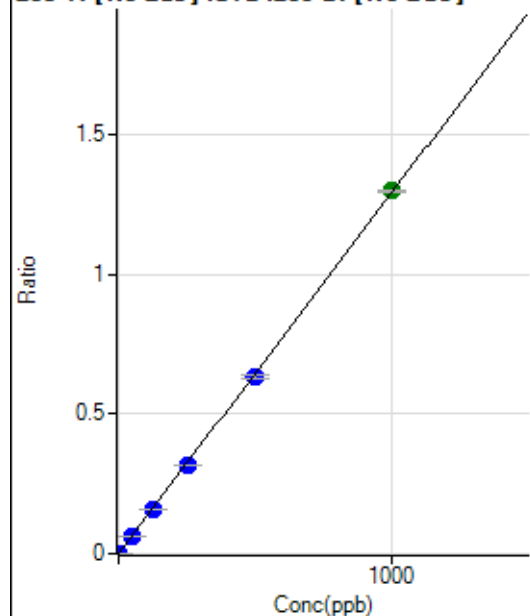
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.34		P	17.6
2	☐						
3	☐			131.11		P	5.9
4	☐			105.56		P	21.0
5	☐			112.23		P	14.7
6	☐			87.78		P	15.4
7	☐			108.89		P	1.8
8	☐			105.56		P	6.6
9	☐			127.78		P	15.9
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			27.78		P	45.8
4	☐			25.00		P	66.7
5	☐			44.45		P	54.1
6	☐			41.67		P	20.0
7	☐			36.11		P	93.3
8	☐			22.22		P	78.1
9	☐			61.11		P	43.8
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐						
3	☐			11.11		P	17.3
4	☐			16.67		P	40.0
5	☐			21.11		P	45.6
6	☐			7.78		P	65.5
7	☐			17.78		P	10.8
8	☐			20.00		P	28.9
9	☐			22.22		P	34.7
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0000	P	23.9
2	☐	0.100					
3	☐	1.000	0.865	6893.72	0.0011	P	1.7
4	☐	50.000	49.498	375425.17	0.0639	P	4.3
5	☐	125.000	123.951	945765.54	0.1599	P	0.3
6	☐	250.000	244.985	1818329.47	0.3160	P	0.5
7	☐	500.000	490.785	3532293.48	0.6330	P	1.7
8	☐	1000.000	1006.017	7141845.04	1.2976	A	0.7
9	☐			2144.72	0.0004	P	10.7
10	☐						

$$y = 0.0013 * x + 2.5579E-005$$

$$R = 0.9999$$

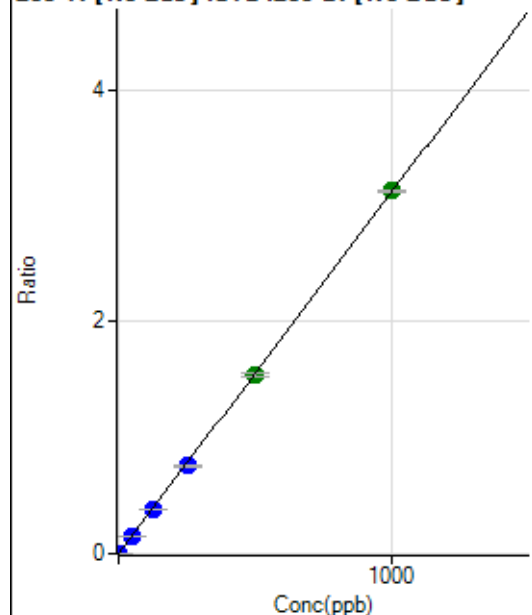
$$DL = 0.0142$$

$$BEC = 0.01983$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	269.46	0.0000	P	23.4
2	☐	0.100					
3	☐	1.000	0.872	16658.31	0.0028	P	0.9
4	☐	50.000	49.564	907458.87	0.1544	P	3.8
5	☐	125.000	122.680	2259487.18	0.3820	P	0.9
6	☐	250.000	242.173	4338788.03	0.7540	P	0.5
7	☐	500.000	496.399	8624116.86	1.5456	A	1.7
8	☐	1000.000	1004.069	17206547.95	3.1262	A	0.6
9	☐			5306.86	0.0011	P	11.9
10	☐						

$$y = 0.0031 * x + 4.4344E-005$$

R = 1.0000

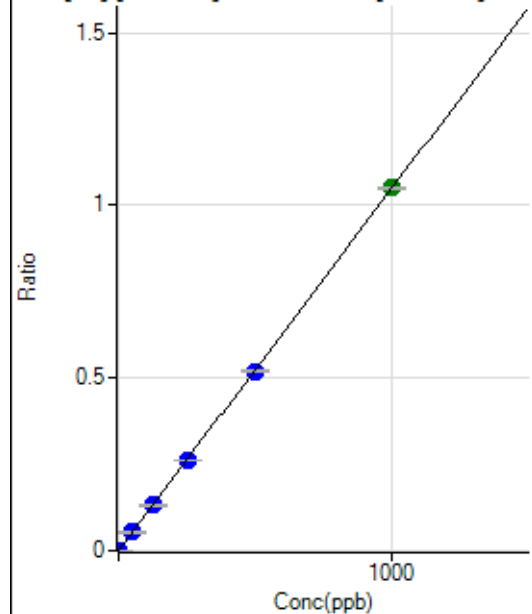
DL = 0.01001

BEC = 0.01424

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	196.30	0.0000	P	9.4
2	☐	0.100					
3	☐	1.000	0.900	5888.53	0.0010	P	0.9
4	☐	50.000	50.613	311799.28	0.0530	P	4.4
5	☐	125.000	125.020	774712.46	0.1310	P	0.7
6	☐	250.000	249.006	1500911.58	0.2608	P	0.4
7	☐	500.000	494.892	2892675.38	0.5184	P	1.2
8	☐	1000.000	1002.770	5781106.15	1.0503	A	0.3
9	☐			6294.28	0.0013	P	4.7
10	☐	10000.000					

$$y = 0.0010 * x + 3.2298E-005$$

R = 1.0000

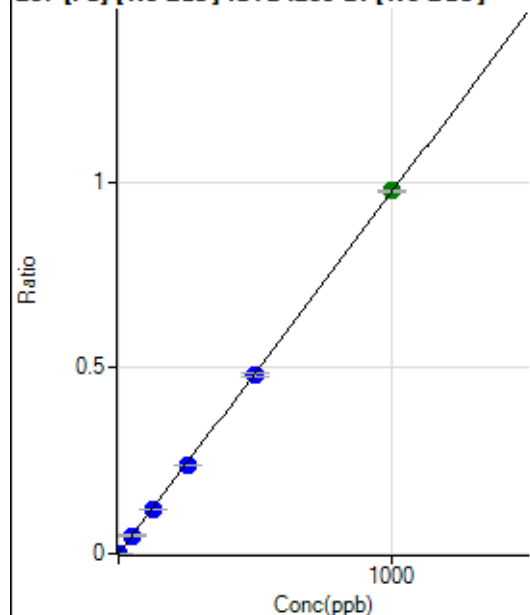
DL = 0.008651

BEC = 0.03084

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.49	0.0000	P	26.0
2	☐	0.100					
3	☐	1.000	0.888	5388.29	0.0009	P	0.5
4	☐	50.000	50.031	285795.18	0.0486	P	4.8
5	☐	125.000	123.849	711721.90	0.1203	P	0.6
6	☐	250.000	246.093	1375616.39	0.2391	P	0.2
7	☐	500.000	494.523	2680517.59	0.4804	P	1.4
8	☐	1000.000	1003.858	5367030.44	0.9751	A	0.2
9	☐			5540.21	0.0012	P	1.4
10	☐	10000.000					

$$y = 9.7133\text{E-}004 * x + 2.9853\text{E-}005$$

$$R = 1.0000$$

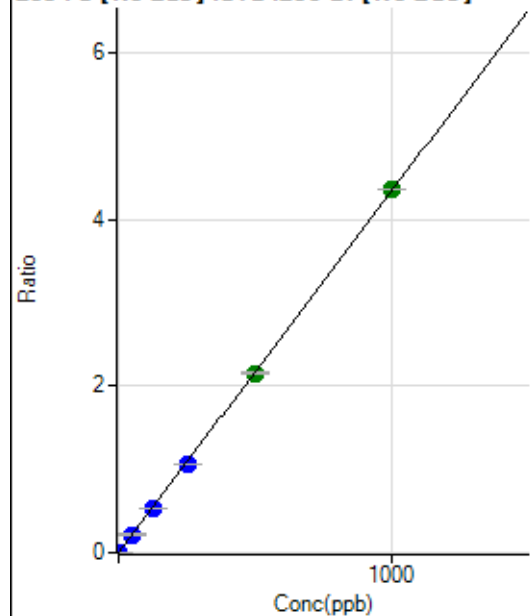
$$DL = 0.02399$$

$$BEC = 0.03073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	833.37	0.0001	P	5.6
2	☐	0.100					
3	☐	1.000	0.885	24022.09	0.0040	P	1.8
4	☐	50.000	50.090	1278795.02	0.2176	P	4.4
5	☐	125.000	123.808	3179404.57	0.5375	P	0.3
6	☐	250.000	246.121	6147908.60	1.0684	P	0.3
7	☐	500.000	495.265	11996486.18	2.1499	A	1.2
8	☐	1000.000	1003.482	23974533.53	4.3558	A	0.2
9	☐			25528.90	0.0053	P	2.5
10	☐	10000.000					

$$y = 0.0043 * x + 1.3711\text{E-}004$$

$$R = 1.0000$$

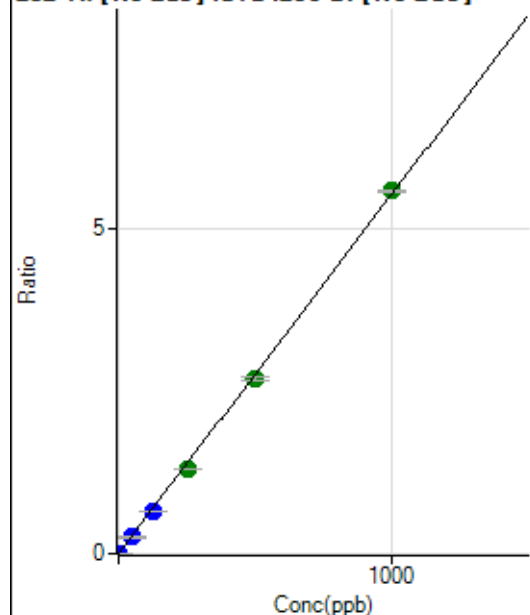
$$DL = 0.005343$$

$$BEC = 0.03159$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.85	0.0000	P	33.5
2	☐	0.100					
3	☐	1.000	0.789	26382.77	0.0044	P	1.5
4	☐	50.000	46.115	1495466.75	0.2544	P	4.3
5	☐	125.000	115.900	3781817.77	0.6394	P	0.6
6	☐	250.000	237.416	7536380.72	1.3097	A	0.3
7	☐	500.000	488.137	15025937.49	2.6929	A	1.8
8	☐	1000.000	1010.410	30678971.98	5.5741	A	0.6
9	☐			7396.78	0.0015	P	15.7
10	☐						

$$y = 0.0055 * x + 1.6760E-005$$

$$R = 0.9998$$

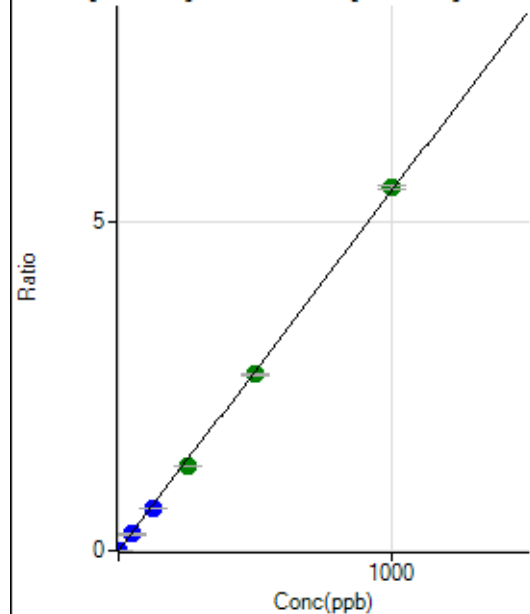
$$DL = 0.003054$$

$$BEC = 0.003038$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	19.2
2	☐	0.100					
3	☐	1.000	0.786	25982.31	0.0043	P	2.3
4	☐	50.000	46.099	1476985.02	0.2513	P	4.5
5	☐	125.000	116.506	3756178.90	0.6351	P	0.1
6	☐	250.000	236.768	7425971.87	1.2906	A	0.3
7	☐	500.000	490.729	14925541.30	2.6748	A	1.4
8	☐	1000.000	1009.200	30275330.88	5.5008	A	0.9
9	☐			4676.08	0.0010	P	19.5
10	☐						

$$y = 0.0055 * x + 1.4618E-005$$

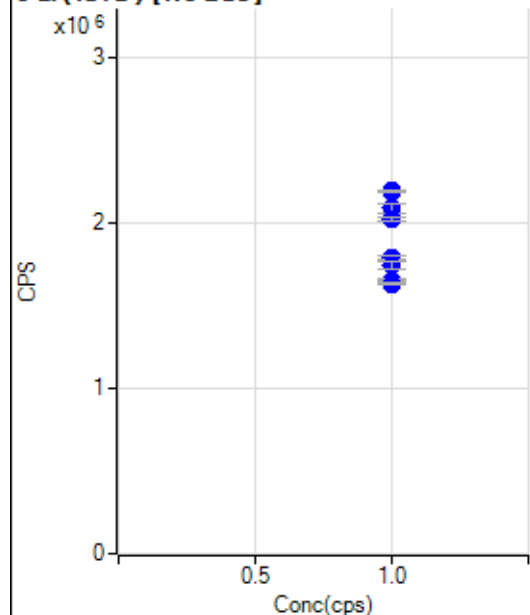
$$R = 0.9998$$

$$DL = 0.001542$$

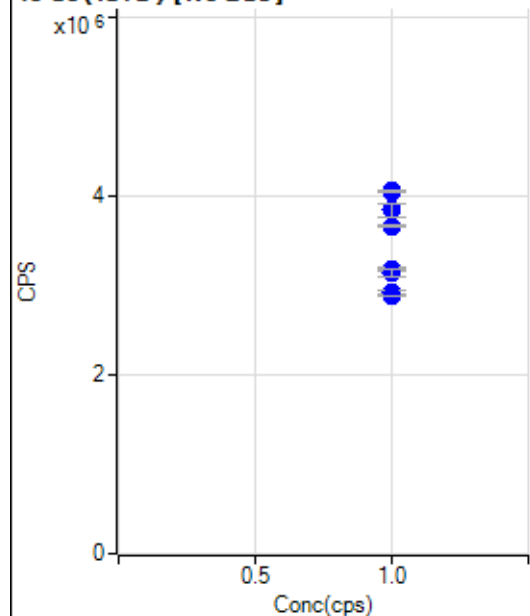
$$BEC = 0.002682$$

Weight: <None>

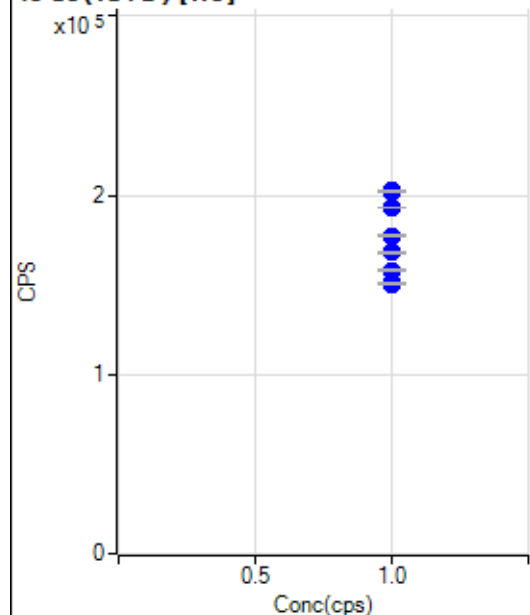
Min Conc: 0

6 Li (ISTD) [No Gas]

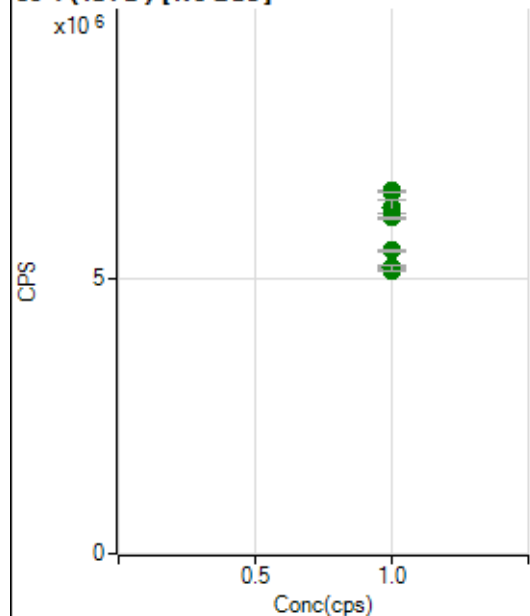
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2185103.18		P	0.2
2	☐	1.000					
3	☐	1.000		2190658.04		P	0.3
4	☐	1.000		2087023.73		P	2.9
5	☐	1.000		2019951.62		P	0.7
6	☐	1.000		1787604.07		P	0.9
7	☐	1.000		1651507.95		P	0.8
8	☐	1.000		1630091.77		P	0.5
9	☐	1.000		1746726.54		P	2.7
10	☐	1.000					

45 Sc (ISTD) [No Gas]

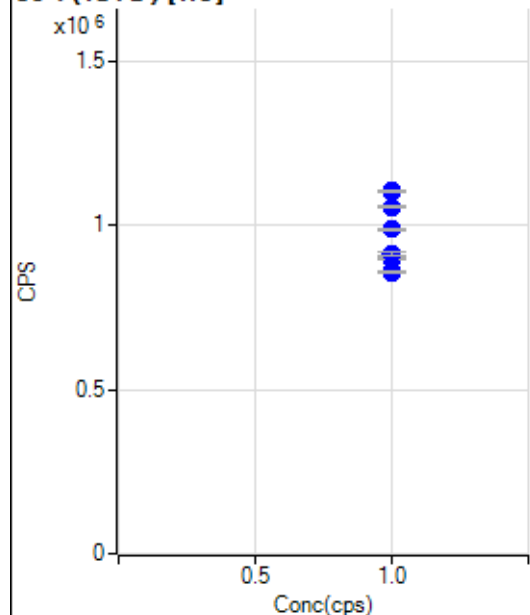
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4053554.35		P	0.4
2	☐	1.000					
3	☐	1.000		4059194.14		P	0.6
4	☐	1.000		3840888.89		P	3.6
5	☐	1.000		3662836.67		P	0.8
6	☐	1.000		3181842.56		P	1.1
7	☐	1.000		2928842.23		P	1.4
8	☐	1.000		2885847.22		P	0.3
9	☐	1.000		3139526.20		P	2.4
10	☐	1.000					

45 Sc (ISTD) [He]

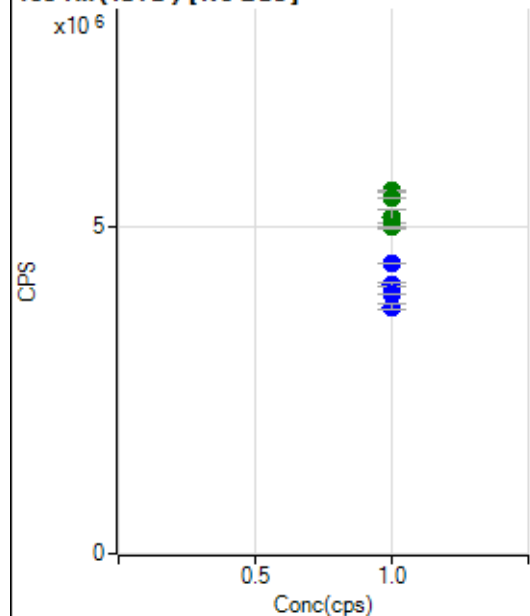
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		202118.35		P	0.3
2	☐	1.000					
3	☐	1.000		202406.31		P	0.7
4	☐	1.000		193196.08		P	0.2
5	☐	1.000		177250.50		P	0.8
6	☐	1.000		157931.00		P	0.5
7	☐	1.000		150357.84		P	0.5
8	☐	1.000		151009.27		P	0.4
9	☐	1.000		168035.07		P	0.8
10	☐	1.000					

89 Y (ISTD) [No Gas]

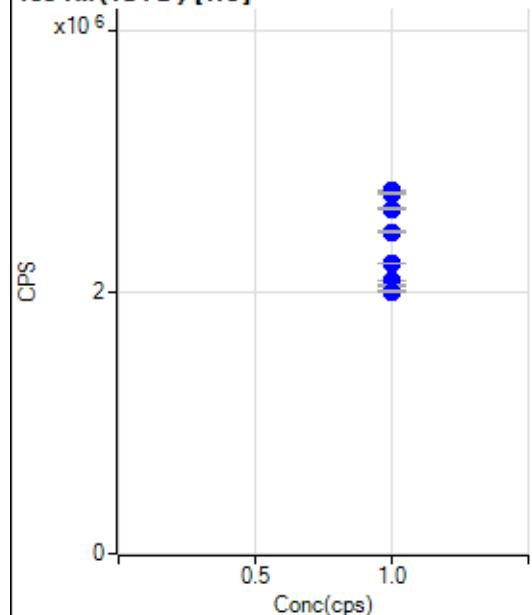
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6594292.19		A	0.2
2	☐	1.000					
3	☐	1.000		6577086.71		A	0.1
4	☐	1.000		6303158.66		A	3.9
5	☐	1.000		6107213.87		A	0.6
6	☐	1.000		5513796.72		A	0.8
7	☐	1.000		5197142.60		A	0.9
8	☐	1.000		5146241.17		A	0.4
9	☐	1.000		5191971.17		A	2.4
10	☐	1.000					

89 Y(ISTD) [He]

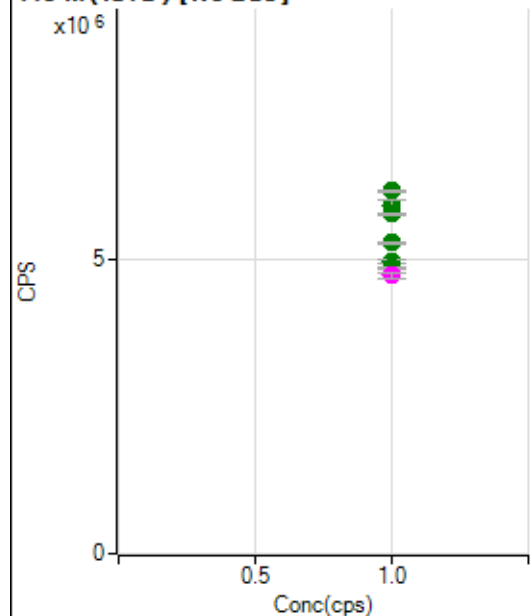
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1103530.37		P	0.4
2	☐	1.000					
3	☐	1.000		1102165.58		P	0.2
4	☐	1.000		1055348.10		P	0.3
5	☐	1.000		986704.93		P	0.4
6	☐	1.000		895938.09		P	0.5
7	☐	1.000		855918.49		P	0.4
8	☐	1.000		857256.52		P	0.3
9	☐	1.000		913155.81		P	0.9
10	☐	1.000					

103 Rh(ISTD) [No Gas]

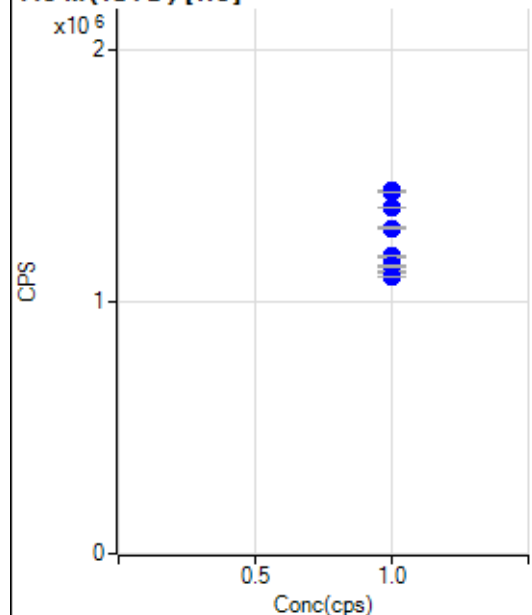
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5543645.30		A	0.3
2	☐	1.000					
3	☐	1.000		5436788.06		A	0.5
4	☐	1.000		5153355.28		A	3.7
5	☐	1.000		4980952.80		A	0.7
6	☐	1.000		4438316.12		P	0.5
7	☐	1.000		4107433.99		P	1.3
8	☐	1.000		3966042.23		P	0.5
9	☐	1.000		3773024.00		P	2.2
10	☐	1.000					

103 Rh (ISTD) [He]

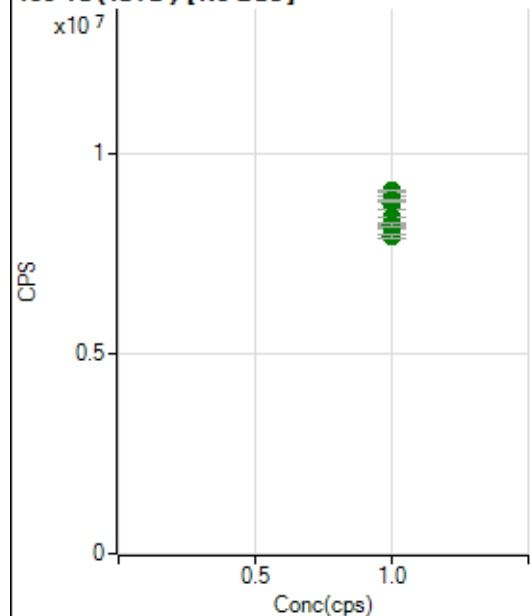
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2772370.97		P	0.4
2	☐	1.000					
3	☐	1.000		2753342.04		P	0.3
4	☐	1.000		2637670.76		P	0.5
5	☐	1.000		2456120.76		P	0.5
6	☐	1.000		2220310.71		P	0.2
7	☐	1.000		2090782.96		P	0.2
8	☐	1.000		2055125.96		P	0.6
9	☐	1.000		2003539.43		P	1.0
10	☐	1.000					

115 In (ISTD) [No Gas]

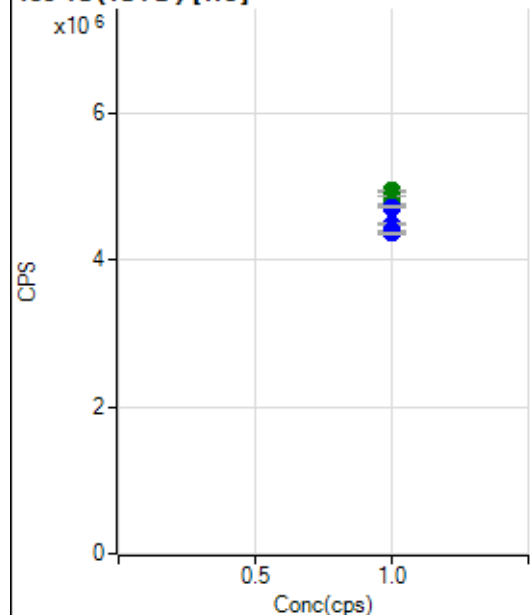
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6159427.80		A	0.1
2	☐	1.000					
3	☐	1.000		6159697.81		A	0.5
4	☐	1.000		5894375.66		A	3.9
5	☐	1.000		5763263.01		A	0.4
6	☐	1.000		5277813.18		A	0.8
7	☐	1.000		4965992.11		A	1.2
8	☐	1.000		4851935.07		A	0.7
9	☐	1.000		4726171.58		M	2.4
10	☐	1.000					

115 In (ISTD) [He]

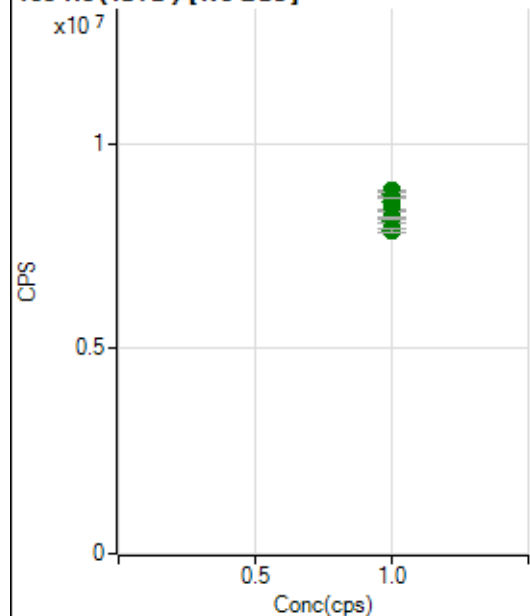
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1440149.56		P	0.3
2	☐	1.000					
3	☐	1.000		1434484.90		P	0.1
4	☐	1.000		1372101.14		P	0.2
5	☐	1.000		1292743.41		P	0.6
6	☐	1.000		1181565.91		P	0.5
7	☐	1.000		1118059.96		P	0.7
8	☐	1.000		1099506.13		P	0.4
9	☐	1.000		1143153.29		P	1.0
10	☐	1.000					

159 Tb (ISTD) [No Gas]

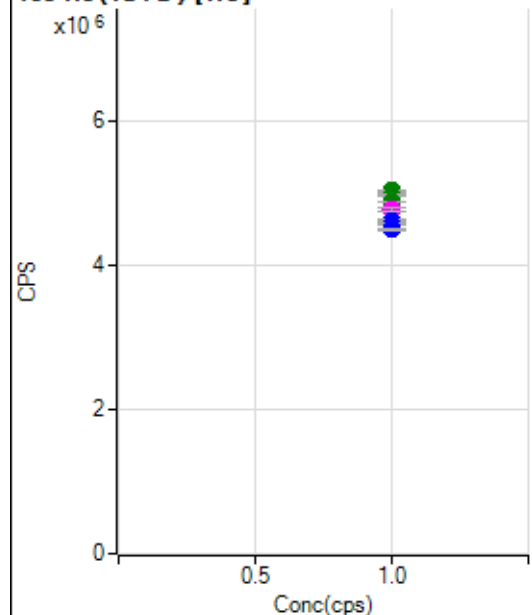
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9066030.77		A	0.7
2	☐	1.000					
3	☐	1.000		9056240.56		A	0.3
4	☐	1.000		8761418.27		A	4.2
5	☐	1.000		8832362.72		A	0.6
6	☐	1.000		8410810.22		A	0.2
7	☐	1.000		8172460.43		A	1.1
8	☐	1.000		8221651.61		A	0.8
9	☐	1.000		7917207.59		A	1.2
10	☐	1.000					

159 Tb (ISTD) [He]

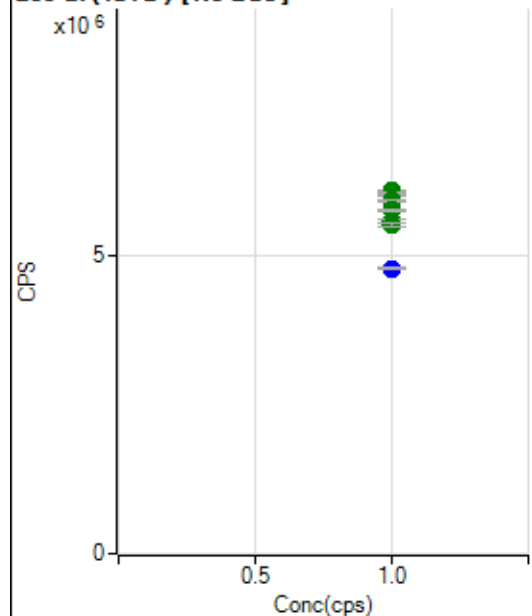
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4942231.24		A	0.5
2	☐	1.000					
3	☐	1.000		4875133.02		A	0.4
4	☐	1.000		4755847.91		A	0.2
5	☐	1.000		4723826.11		P	0.4
6	☐	1.000		4488216.74		P	0.5
7	☐	1.000		4367529.55		P	0.7
8	☐	1.000		4403860.90		P	0.4
9	☐	1.000		4364067.57		P	0.5
10	☐	1.000					

165 Ho (ISTD) [No Gas]

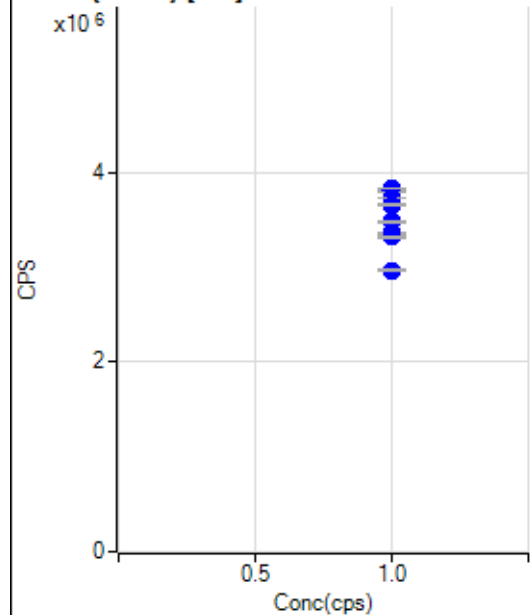
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8853284.66		A	0.6
2	☐	1.000					
3	☐	1.000		8778244.90		A	0.6
4	☐	1.000		8564367.12		A	4.3
5	☐	1.000		8668387.00		A	0.2
6	☐	1.000		8353814.77		A	0.1
7	☐	1.000		8127064.85		A	1.2
8	☐	1.000		8193717.80		A	1.0
9	☐	1.000		7872197.49		A	1.0
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5025052.08		A	0.6
2	☐	1.000					
3	☐	1.000		4961347.18		A	0.5
4	☐	1.000		4878932.50		A	0.2
5	☐	1.000		4770174.82		M	1.4
6	☐	1.000		4621074.44		P	0.0
7	☐	1.000		4501239.13		P	0.4
8	☐	1.000		4560420.76		P	0.4
9	☐	1.000		4499584.41		P	0.7
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6078756.85		A	0.3
2	☐	1.000					
3	☐	1.000		6040522.13		A	0.2
4	☐	1.000		5884795.54		A	4.0
5	☐	1.000		5914757.41		A	0.4
6	☐	1.000		5754109.57		A	0.5
7	☐	1.000		5580625.89		A	1.2
8	☐	1.000		5504048.32		A	0.8
9	☐	1.000		4778203.75		P	1.0
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3821345.39		P	0.3
2	☐	1.000					
3	☐	1.000		3803429.63		P	0.8
4	☐	1.000		3732141.51		P	0.0
5	☐	1.000		3649059.32		P	0.7
6	☐	1.000		3475517.59		P	0.6
7	☐	1.000		3354226.51		P	0.5
8	☐	1.000		3315017.49		P	0.5
9	☐	1.000		2961096.21		P	0.5
10	☐	1.000					

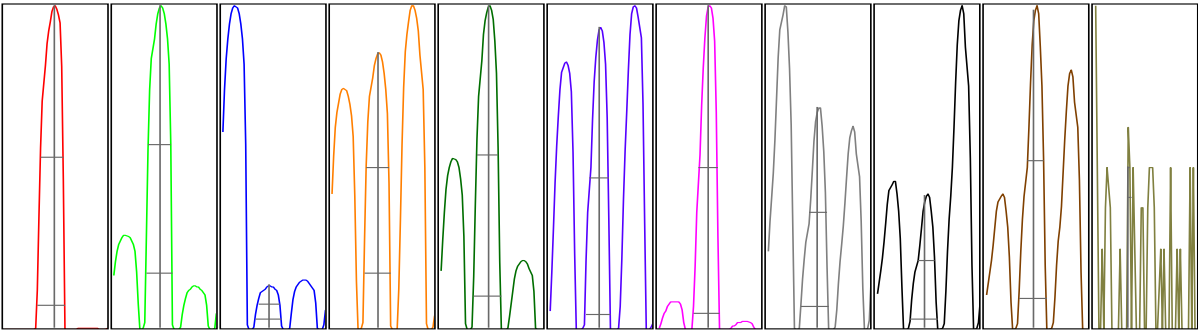
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7060419-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	7712	0.86	5.00	
24	125932	0.60	5.00	
25	17220	0.88	5.00	
26	19916	0.75	5.00	
59	55601	0.70	5.00	
113	7826	0.84	5.00	
115	95453	0.86	5.00	
206	27553	0.76	5.00	
207	25443	0.51	5.00	
208	59867	0.71	5.00	
220	0	37.27		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	7817	7637	7684	7707	7713
24	127288	125506	125548	125675	125642
25	17469	17248	17134	17083	17164
26	20141	19784	19885	19789	19981
59	56219	55134	55589	55488	55573
113	7920	7741	7850	7811	7807
115	96727	95014	95245	94580	95698
206	27887	27453	27604	27477	27344
207	25542	25602	25355	25283	25432
208	60204	60079	59452	59363	60236
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	12288	9.00	8.9 - 9.1		0.813	0.900	
24	201817	23.90	23.9 - 24.1		0.757	0.900	
25	27023	24.90	24.9 - 25.1		0.753	0.900	
26	31105	25.90	25.9 - 26.1		0.752	0.900	
59	93536	58.95	58.9 - 59.1		0.795	0.900	
113	14807	113.00	112.9 - 113.1		0.735	0.900	
115	183711	115.00	114.9 - 115.1		0.756	0.900	
206	53740	206.00	205.9 - 206.1		0.789	0.900	
207	48328	206.95	206.9 - 207.1		0.775	0.900	
208	115697	207.95	207.9 - 208.1		0.787	0.900	
220	0	219.55	-		0.060		

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	13.8	V
Extract 2	-100.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	14604	1.03	
89	30427	0.66	
205	24885	1.14	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	14348	14727	14664	14683	14600
89	30076	30582	30504	30484	30490
205	24422	25155	24952	24841	25054

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.3	V	Deflect	1.4	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:07:29 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.14	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.09	0.04	0.05	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.13	-0.18	0.05	0.00	N/A	ppb
Boron	11-1	0.01	-0.09	0.08	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.37	-0.33	-0.04	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	0.26	-0.94	0.68	0.00	N/A	ppb
Calcium	44-1	-1.04	0.39	0.65	0.00	N/A	ppb
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	-0.04	0.02	0.00	N/A	ppb
Iron	57-2	-0.19	0.23	-0.04	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	0.53	-0.52	0.00	N/A	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:07:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-17.42	-22.03	-10.49	-16.65		ppb
Potassium	39-2	-1.77	0.34	1.43	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.38	-0.38	0.77	0.00	N/A	ppb
Selenium	78-2	0.16	0.06	-0.22	0.00	N/A	ppb
Selenium	82-1	0.33	0.02	-0.35	0.00	N/A	ppb
Silicon	28-1	-0.11	0.69	-0.58	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.35	0.41	-0.06	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-71.75	-48.07	-80.27	-66.70		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:07:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.00	-0.08	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:15:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.18	16.77	17.78	18.58	12.45	ppb
Antimony	121-1	1.85	1.90	1.91	1.89	1.83	ppb
Arsenic	75-1	1.20	1.39	0.95	1.18	18.56	ppb
Barium	135-1	9.79	9.86	10.05	9.90	1.35	ppb
Barium	137-1	9.88	9.97	9.63	9.83	1.80	ppb
Beryllium	9-1	1.02	0.96	0.89	0.96	6.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	21.42	20.47	22.78	21.55	5.39	ppb
Boron	11-1	21.46	21.42	21.82	21.57	1.03	ppb
Cadmium	111-1	1.06	0.96	0.93	0.98	7.01	ppb
Cadmium	106-1	1.47	0.20	0.45	0.71	95.04	ppb
Cadmium	108-1	0.82	0.76	0.83	0.80	4.89	ppb
Calcium	43-1	462.84	444.31	467.84	458.33	2.71	ppb
Calcium	44-1	457.94	458.83	462.70	459.82	0.55	ppb
Chromium	52-2	1.97	1.83	1.85	1.88	3.94	ppb
Cobalt	59-2	1.01	0.98	0.90	0.96	5.79	ppb
Copper	63-2	1.75	1.78	1.75	1.76	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	53.65	54.79	54.11	54.18	1.06	ppb
Iron	57-2	54.79	56.12	53.32	54.74	2.56	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.91	0.90	0.90	0.92	ppb
Lead	207-1	0.89	0.88	0.89	0.89	0.56	ppb
Lead	208-1	0.89	0.90	0.87	0.88	1.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	494.83	491.14	484.89	490.29	1.03	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:15:30	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.96	0.91	0.95	3.83	ppb
Molybdenum	94-1	4.68	4.84	4.83	4.78	1.84	ppb
Molybdenum	95-1	4.91	4.92	4.73	4.85	2.24	ppb
Molybdenum	96-1	4.90	4.79	4.79	4.83	1.39	ppb
Molybdenum	97-1	4.86	4.83	4.58	4.76	3.20	ppb
Molybdenum	98-1	4.66	4.87	4.93	4.82	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.96	0.99	1.00	4.47	ppb
Phosphorus	31-2	10.16	19.07	20.71	16.65	34.11	ppb
Potassium	39-2	477.28	475.68	458.71	470.55	2.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.80	6.53	5.36	5.56	15.82	ppb
Selenium	78-2	6.16	5.41	5.58	5.71	6.84	ppb
Selenium	82-1	5.39	4.42	4.85	4.89	9.93	ppb
Silicon	28-1	9.86	9.52	9.81	9.73	1.88	ppb
Silver	109-1	0.81	0.78	0.83	0.81	3.47	ppb
Silver	107-1	0.84	0.86	0.85	0.85	1.36	ppb
Sodium	23-2	469.78	464.17	455.10	463.01	1.60	ppb
Strontium	86-1	0.88	0.92	0.87	0.89	3.23	ppb
Strontium	88-1	0.88	0.92	0.91	0.90	2.26	ppb
Sulfur	34-1	130.31	34.24	35.54	66.70	82.60	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.85	0.87	0.88	0.86	1.70	ppb
Thallium	205-1	0.88	0.87	0.87	0.87	0.96	ppb
Thorium	232-1	0.80	0.79	0.78	0.79	1.50	ppb
Tin	118-1	5.30	5.17	5.09	5.18	2.03	ppb
Titanium	47-1	5.08	5.15	4.89	5.04	2.69	ppb
Uranium	238-1	0.77	0.80	0.79	0.79	2.34	ppb
Vanadium	51-2	4.87	4.73	4.93	4.84	2.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:15:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.64	1.59	1.50	1.58	4.44	ppb
Zirconium	90-1	0.89	0.83	0.87	0.86	3.52	ppb
Zirconium	91-1	0.90	0.92	0.79	0.87	7.87	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:19:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.79	1014.60	1007.00	1011.46	0.39	ppb
Antimony	121-1	57.94	54.07	54.06	55.36	4.05	ppb
Arsenic	75-1	58.92	53.65	54.21	55.60	5.20	ppb
Barium	135-1	289.32	265.99	269.05	274.78	4.62	ppb
Barium	137-1	285.71	262.50	265.54	271.25	4.65	ppb
Beryllium	9-1	55.63	52.89	53.57	54.03	2.64	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	52.79	48.49	50.85	50.71	4.25	ppb
Boron	11-1	49.71	50.47	49.60	49.93	0.95	ppb
Cadmium	111-1	59.03	54.41	54.37	55.94	4.78	ppb
Cadmium	106-1	62.26	58.23	56.45	58.98	5.05	ppb
Cadmium	108-1	60.31	54.63	56.39	57.11	5.09	ppb
Calcium	43-1	5474.82	4956.67	5055.11	5162.20	5.33	ppb
Calcium	44-1	5365.37	5003.90	5073.07	5147.45	3.73	ppb
Chromium	52-2	51.90	51.75	52.47	52.04	0.73	ppb
Cobalt	59-2	53.24	53.16	52.85	53.09	0.39	ppb
Copper	63-2	99.87	101.33	100.32	100.51	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	2758.61	2784.98	2768.12	2770.57	0.48	ppb
Iron	57-2	2775.24	2777.88	2772.20	2775.10	0.10	ppb
Krypton	83-1						cps
Lead	206-1	53.15	48.99	49.71	50.61	4.39	ppb
Lead	207-1	52.80	48.43	48.86	50.03	4.82	ppb
Lead	208-1	52.61	48.51	49.15	50.09	4.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	5248.53	5231.29	5256.79	5245.53	0.25	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:19:26 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.25	101.97	102.42	101.88	0.58	ppb
Molybdenum	94-1	268.90	248.04	248.07	255.00	4.72	ppb
Molybdenum	95-1	269.40	249.74	249.43	256.19	4.47	ppb
Molybdenum	96-1	267.15	246.97	247.63	253.92	4.52	ppb
Molybdenum	97-1	266.25	244.64	247.24	252.71	4.67	ppb
Molybdenum	98-1	266.25	248.47	248.33	254.35	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.67	54.05	54.90	54.20	1.16	ppb
Phosphorus	31-2	1033.43	1008.98	1033.94	1025.45	1.39	ppb
Potassium	39-2	2589.15	2596.03	2615.05	2600.08	0.52	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	58.63	60.12	48.31	55.69	11.55	ppb
Selenium	78-2	57.45	54.83	55.04	55.77	2.61	ppb
Selenium	82-1	56.71	52.83	53.75	54.43	3.73	ppb
Silicon	28-1	59.84	53.72	54.95	56.17	5.76	ppb
Silver	109-1	60.20	55.21	56.11	57.18	4.65	ppb
Silver	107-1	60.20	56.55	56.71	57.82	3.57	ppb
Sodium	23-2	5063.38	5058.18	5062.89	5061.48	0.06	ppb
Strontium	86-1	53.90	49.58	50.07	51.18	4.62	ppb
Strontium	88-1	53.33	49.88	49.61	50.94	4.08	ppb
Sulfur	34-1	1700.87	1243.41	1192.93	1379.07	20.29	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	51.93	48.17	48.40	49.50	4.26	ppb
Thallium	205-1	51.75	48.35	48.59	49.56	3.82	ppb
Thorium	232-1	48.40	44.70	45.25	46.11	4.33	ppb
Tin	118-1	59.75	55.40	55.25	56.80	4.50	ppb
Titanium	47-1	268.49	249.78	251.94	256.74	3.99	ppb
Uranium	238-1	48.50	44.71	45.09	46.10	4.53	ppb
Vanadium	51-2	50.99	52.00	51.32	51.44	1.01	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:19:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	97.33	97.61	98.42	97.79	0.58	ppb
Zirconium	90-1	53.18	49.42	50.33	50.98	3.85	ppb
Zirconium	91-1	53.79	49.83	50.39	51.34	4.17	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:23:23 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2488.80	2453.46	2499.51	2480.59	0.97	ppb
Antimony	121-1	132.52	132.41	133.15	132.69	0.30	ppb
Arsenic	75-1	134.05	135.90	134.94	134.97	0.68	ppb
Barium	135-1	654.45	662.53	654.85	657.28	0.69	ppb
Barium	137-1	648.11	651.30	651.66	650.36	0.30	ppb
Beryllium	9-1	131.71	130.82	130.62	131.05	0.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	119.18	124.77	126.22	123.39	3.01	ppb
Boron	11-1	121.10	125.89	125.83	124.27	2.22	ppb
Cadmium	111-1	130.26	131.38	130.93	130.86	0.43	ppb
Cadmium	106-1	133.31	126.87	131.64	130.61	2.56	ppb
Cadmium	108-1	135.27	130.11	131.79	132.39	1.99	ppb
Calcium	43-1	12710.28	12709.76	12557.99	12659.34	0.69	ppb
Calcium	44-1	12623.95	12538.21	12539.46	12567.21	0.39	ppb
Chromium	52-2	128.76	128.16	129.89	128.93	0.68	ppb
Cobalt	59-2	132.67	131.11	131.98	131.92	0.59	ppb
Copper	63-2	247.32	245.73	246.49	246.51	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	6839.54	6761.60	6805.87	6802.34	0.57	ppb
Iron	57-2	6856.97	6859.71	6883.44	6866.70	0.21	ppb
Krypton	83-1						cps
Lead	206-1	125.07	125.91	124.08	125.02	0.73	ppb
Lead	207-1	124.61	123.90	123.05	123.85	0.63	ppb
Lead	208-1	124.07	123.90	123.45	123.81	0.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	13210.00	13212.72	13250.17	13224.30	0.17	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:23:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.73	253.30	254.22	254.75	0.70	ppb
Molybdenum	94-1	623.15	625.64	619.85	622.88	0.47	ppb
Molybdenum	95-1	624.44	622.53	626.76	624.58	0.34	ppb
Molybdenum	96-1	625.09	622.86	621.90	623.28	0.26	ppb
Molybdenum	97-1	628.27	628.42	627.30	627.99	0.10	ppb
Molybdenum	98-1	625.36	627.24	624.29	625.63	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.78	132.82	134.35	134.65	1.48	ppb
Phosphorus	31-2	2469.55	2637.82	2539.94	2549.11	3.32	ppb
Potassium	39-2	6469.60	6368.70	6396.73	6411.68	0.81	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	131.46	113.38	131.88	125.57	8.41	ppb
Selenium	78-2	125.14	132.78	134.53	130.82	3.82	ppb
Selenium	82-1	131.95	131.68	129.52	131.05	1.02	ppb
Silicon	28-1	132.26	133.59	132.49	132.78	0.54	ppb
Silver	109-1	135.77	134.75	133.72	134.75	0.76	ppb
Silver	107-1	135.72	136.40	134.97	135.70	0.53	ppb
Sodium	23-2	12853.87	12753.67	12830.86	12812.80	0.41	ppb
Strontium	86-1	125.27	125.40	125.17	125.28	0.09	ppb
Strontium	88-1	125.19	124.43	124.92	124.84	0.31	ppb
Sulfur	34-1	2433.95	2509.17	2409.38	2450.83	2.12	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	124.03	123.50	124.33	123.95	0.34	ppb
Thallium	205-1	123.51	123.08	121.45	122.68	0.89	ppb
Thorium	232-1	115.52	116.67	115.51	115.90	0.58	ppb
Tin	118-1	136.53	135.78	135.71	136.01	0.33	ppb
Titanium	47-1	629.89	627.82	626.01	627.91	0.31	ppb
Uranium	238-1	116.50	116.58	116.44	116.51	0.06	ppb
Vanadium	51-2	128.31	127.47	127.89	127.89	0.33	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:23:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	241.50	238.82	241.68	240.67	0.67	ppb
Zirconium	90-1	125.00	125.05	124.82	124.96	0.10	ppb
Zirconium	91-1	126.31	127.56	127.16	127.01	0.50	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:27:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4932.25	4925.54	4998.72	4952.17	0.82	ppb
Antimony	121-1	259.56	256.47	254.52	256.85	0.99	ppb
Arsenic	75-1	261.17	260.26	260.50	260.64	0.18	ppb
Barium	135-1	1287.28	1286.40	1267.55	1280.41	0.87	ppb
Barium	137-1	1278.71	1264.31	1255.77	1266.26	0.92	ppb
Beryllium	9-1	256.46	258.06	255.91	256.81	0.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	242.64	254.04	251.29	249.32	2.39	ppb
Boron	11-1	246.06	249.57	253.30	249.64	1.45	ppb
Cadmium	111-1	249.04	251.68	247.97	249.56	0.77	ppb
Cadmium	106-1	255.37	254.90	244.54	251.60	2.43	ppb
Cadmium	108-1	251.56	251.51	250.63	251.23	0.21	ppb
Calcium	43-1	25648.85	25179.15	25352.15	25393.38	0.94	ppb
Calcium	44-1	25151.59	25065.10	25036.12	25084.27	0.24	ppb
Chromium	52-2	253.36	252.59	253.50	253.15	0.19	ppb
Cobalt	59-2	259.73	256.49	258.10	258.11	0.63	ppb
Copper	63-2	480.02	481.11	481.53	480.88	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	13502.73	13450.76	13482.37	13478.62	0.19	ppb
Iron	57-2	13736.32	13609.22	13674.28	13673.27	0.46	ppb
Krypton	83-1						cps
Lead	206-1	248.62	250.27	248.13	249.01	0.45	ppb
Lead	207-1	245.77	246.72	245.79	246.09	0.22	ppb
Lead	208-1	245.87	246.83	245.66	246.12	0.25	ppb
Lithium	6-1				82		%
Magnesium	24-2	26109.25	26100.47	26095.69	26101.80	0.03	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:27:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.20	502.39	506.71	503.43	0.58	ppb
Molybdenum	94-1	1242.07	1243.36	1239.20	1241.54	0.17	ppb
Molybdenum	95-1	1242.27	1242.85	1236.19	1240.44	0.30	ppb
Molybdenum	96-1	1238.86	1236.39	1241.40	1238.88	0.20	ppb
Molybdenum	97-1	1249.44	1247.19	1237.97	1244.87	0.49	ppb
Molybdenum	98-1	1242.56	1241.30	1238.86	1240.91	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.21	260.29	261.62	260.37	0.46	ppb
Phosphorus	31-2	5049.25	4757.95	5080.70	4962.63	3.59	ppb
Potassium	39-2	12515.46	12611.13	12624.90	12583.83	0.47	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	248.14	272.26	237.15	252.52	7.11	ppb
Selenium	78-2	258.87	256.19	253.62	256.23	1.02	ppb
Selenium	82-1	257.15	254.51	259.02	256.89	0.88	ppb
Silicon	28-1	259.95	259.61	259.85	259.80	0.07	ppb
Silver	109-1	254.89	253.68	250.69	253.09	0.85	ppb
Silver	107-1	253.90	252.97	249.91	252.26	0.83	ppb
Sodium	23-2	25412.90	25273.92	25354.73	25347.18	0.28	ppb
Strontium	86-1	250.45	250.31	250.15	250.31	0.06	ppb
Strontium	88-1	248.69	248.24	245.92	247.62	0.60	ppb
Sulfur	34-1	4887.28	4770.65	4785.27	4814.40	1.32	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	244.64	246.26	244.06	244.99	0.47	ppb
Thallium	205-1	241.31	243.42	241.79	242.17	0.46	ppb
Thorium	232-1	237.31	238.27	236.67	237.42	0.34	ppb
Tin	118-1	263.84	259.19	260.10	261.04	0.94	ppb
Titanium	47-1	1252.01	1257.77	1249.24	1253.01	0.35	ppb
Uranium	238-1	236.56	237.48	236.27	236.77	0.27	ppb
Vanadium	51-2	252.74	252.92	249.82	251.83	0.69	ppb
Yttrium	89-1				84		%
Yttrium	89-2				81		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:27:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	477.21	477.05	479.61	477.96	0.30	ppb
Zirconium	90-1	248.47	247.15	246.22	247.28	0.46	ppb
Zirconium	91-1	252.14	252.84	251.63	252.20	0.24	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:31:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9850.34	9878.00	9868.09	9865.48	0.14	ppb
Antimony	121-1	501.84	503.51	512.57	505.97	1.14	ppb
Arsenic	75-1	507.02	504.00	515.55	508.85	1.18	ppb
Barium	135-1	2474.09	2480.78	2539.46	2498.11	1.44	ppb
Barium	137-1	2477.35	2491.25	2563.98	2510.86	1.85	ppb
Beryllium	9-1	513.55	507.86	516.04	512.49	0.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	487.63	501.00	512.12	500.25	2.45	ppb
Boron	11-1	490.19	500.90	515.02	502.04	2.48	ppb
Cadmium	111-1	548.73	546.20	556.77	550.56	1.00	ppb
Cadmium	106-1	533.97	537.68	548.58	540.08	1.41	ppb
Cadmium	108-1	534.74	551.63	556.83	547.73	2.11	ppb
Calcium	43-1	50172.44	50361.91	51833.92	50789.42	1.79	ppb
Calcium	44-1	50486.76	50140.01	51518.35	50715.04	1.41	ppb
Chromium	52-2	503.61	506.73	502.61	504.32	0.43	ppb
Cobalt	59-2	508.49	511.84	504.56	508.30	0.72	ppb
Copper	63-2	1009.28	1030.22	1016.74	1018.74	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				81		%
Indium	115-2				78		%
Iron	56-2	26887.25	27002.97	26762.47	26884.23	0.45	ppb
Iron	57-2	27075.27	27318.73	27093.48	27162.49	0.50	ppb
Krypton	83-1						cps
Lead	206-1	492.30	490.48	501.89	494.89	1.24	ppb
Lead	207-1	491.31	489.74	502.51	494.52	1.41	ppb
Lead	208-1	491.26	492.14	502.39	495.27	1.25	ppb
Lithium	6-1				76		%
Magnesium	24-2	52948.64	52900.12	52305.88	52718.21	0.68	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:31:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.27	1018.41	1009.40	1009.36	0.90	ppb
Molybdenum	94-1	2498.82	2467.74	2532.29	2499.62	1.29	ppb
Molybdenum	95-1	2496.60	2471.45	2522.31	2496.79	1.02	ppb
Molybdenum	96-1	2489.64	2467.06	2525.81	2494.17	1.19	ppb
Molybdenum	97-1	2430.25	2434.49	2473.99	2446.24	0.99	ppb
Molybdenum	98-1	2492.09	2470.82	2522.43	2495.11	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.46	512.21	509.47	510.05	0.38	ppb
Phosphorus	31-2	10036.73	9774.76	10459.36	10090.28	3.42	ppb
Potassium	39-2	25173.36	25408.67	25212.88	25264.97	0.50	ppb
Rhodium	103-1				74		%
Rhodium	103-2				75		%
Scandium	45-1				72		%
Scandium	45-2				74		%
Selenium	77-2	551.16	553.83	516.41	540.46	3.86	ppb
Selenium	78-2	500.79	509.58	510.37	506.91	1.05	ppb
Selenium	82-1	510.05	506.49	522.07	512.87	1.59	ppb
Silicon	28-1	508.92	509.93	526.04	514.96	1.87	ppb
Silver	109-1	541.41	542.26	552.49	545.39	1.13	ppb
Silver	107-1	538.95	541.45	552.49	544.30	1.32	ppb
Sodium	23-2	51486.68	51396.39	50946.51	51276.52	0.56	ppb
Strontium	86-1	502.32	493.61	506.98	500.97	1.35	ppb
Strontium	88-1	497.11	495.39	505.84	499.45	1.12	ppb
Sulfur	34-1	10075.29	10108.96	10418.29	10200.85	1.85	ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	484.85	486.95	500.56	490.79	1.74	ppb
Thallium	205-1	492.50	490.37	506.32	496.40	1.74	ppb
Thorium	232-1	483.24	483.15	498.01	488.14	1.75	ppb
Tin	118-1	504.93	504.11	517.28	508.77	1.45	ppb
Titanium	47-1	2479.48	2468.24	2548.93	2498.88	1.75	ppb
Uranium	238-1	486.19	487.63	498.37	490.73	1.36	ppb
Vanadium	51-2	500.73	503.18	504.42	502.77	0.37	ppb
Yttrium	89-1				79		%
Yttrium	89-2				78		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:31:07	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.23	1035.33	1015.98	1024.18	0.98	ppb
Zirconium	90-1	491.52	487.55	497.24	492.10	0.99	ppb
Zirconium	91-1	506.40	499.20	504.04	503.21	0.73	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:34:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19721.08	19280.75	19756.65	19586.16	1.35	ppb
Antimony	121-1	993.81	994.22	994.18	994.07	0.02	ppb
Arsenic	75-1	995.01	985.62	993.53	991.39	0.51	ppb
Barium	135-1	5013.02	4954.67	4996.53	4988.07	0.60	ppb
Barium	137-1	5020.24	4959.67	4978.91	4986.27	0.62	ppb
Beryllium	9-1	992.64	986.12	994.53	991.10	0.45	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	985.39	1005.12	1010.39	1000.30	1.32	ppb
Boron	11-1	979.14	1002.61	1016.00	999.25	1.87	ppb
Cadmium	111-1	980.85	970.50	970.04	973.80	0.63	ppb
Cadmium	106-1	981.36	979.57	974.30	978.41	0.38	ppb
Cadmium	108-1	976.70	970.59	976.35	974.55	0.35	ppb
Calcium	43-1	101580.97	101437.72	103018.54	102012.41	0.86	ppb
Calcium	44-1	101870.98	101208.66	101839.72	101639.79	0.37	ppb
Chromium	52-2	988.27	993.34	1007.78	996.46	1.02	ppb
Cobalt	59-2	985.04	988.45	1004.93	992.81	1.07	ppb
Copper	63-2	1982.87	1988.91	2015.67	1995.82	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				79		%
Indium	115-2				76		%
Iron	56-2	53188.12	53061.98	53542.29	53264.13	0.47	ppb
Iron	57-2	52919.03	53252.92	53926.57	53366.17	0.96	ppb
Krypton	83-1						cps
Lead	206-1	1004.08	999.00	1005.23	1002.77	0.33	ppb
Lead	207-1	1003.61	1001.51	1006.45	1003.86	0.25	ppb
Lead	208-1	1004.61	1001.63	1004.21	1003.48	0.16	ppb
Lithium	6-1				75		%
Magnesium	24-2	104140.85	103619.70	105232.17	104330.91	0.79	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:34:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1985.17	1982.12	2014.03	1993.78	0.88	ppb
Molybdenum	94-1	4996.74	5011.22	4999.00	5002.32	0.16	ppb
Molybdenum	95-1	5005.31	5002.56	5003.35	5003.74	0.03	ppb
Molybdenum	96-1	5013.49	5018.34	4985.32	5005.71	0.36	ppb
Molybdenum	97-1	5035.05	5029.22	5018.70	5027.65	0.16	ppb
Molybdenum	98-1	5000.53	5010.26	5002.48	5004.42	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.95	985.91	999.03	990.97	0.71	ppb
Phosphorus	31-2	20316.34	19479.16	20074.87	19956.79	2.16	ppb
Potassium	39-2	49933.11	49350.18	50385.43	49889.57	1.04	ppb
Rhodium	103-1				72		%
Rhodium	103-2				74		%
Scandium	45-1				71		%
Scandium	45-2				75		%
Selenium	77-2	965.15	1009.15	962.05	978.78	2.69	ppb
Selenium	78-2	979.13	1005.50	997.28	993.97	1.36	ppb
Selenium	82-1	993.02	993.45	986.12	990.86	0.42	ppb
Silicon	28-1	988.24	987.25	990.88	988.79	0.19	ppb
Silver	109-1	977.50	975.62	971.75	974.96	0.30	ppb
Silver	107-1	975.99	975.63	975.05	975.56	0.05	ppb
Sodium	23-2	101741.89	101499.90	102860.88	102034.22	0.71	ppb
Strontium	86-1	999.21	1001.81	997.01	999.34	0.24	ppb
Strontium	88-1	998.78	1000.86	1002.89	1000.84	0.21	ppb
Sulfur	34-1	19940.79	19785.58	20073.13	19933.17	0.72	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	1008.11	997.67	1012.27	1006.02	0.75	ppb
Thallium	205-1	1002.99	998.97	1010.25	1004.07	0.57	ppb
Thorium	232-1	1015.24	1002.96	1013.03	1010.41	0.65	ppb
Tin	118-1	1000.90	983.93	988.58	991.14	0.88	ppb
Titanium	47-1	5031.28	4983.07	4982.97	4999.11	0.56	ppb
Uranium	238-1	1019.97	1002.02	1005.61	1009.20	0.94	ppb
Vanadium	51-2	994.81	994.07	1004.30	997.72	0.57	ppb
Yttrium	89-1				78		%
Yttrium	89-2				78		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:34:55	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1983.25	1981.50	2019.34	1994.70	1.07	ppb
Zirconium	90-1	1004.05	1006.09	1003.62	1004.59	0.13	ppb
Zirconium	91-1	999.01	994.59	998.98	997.53	0.26	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:38:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99727.98	99825.25	100743.72	100098.98	0.56	ppb
Antimony	121-1	1.55	1.56	1.58	1.56	0.78	ppb
Arsenic	75-1	1.90	1.61	1.58	1.70	10.45	ppb
Barium	135-1	1.34	1.22	1.04	1.20	12.64	ppb
Barium	137-1	1.29	1.27	1.02	1.19	12.51	ppb
Beryllium	9-1	0.38	0.32	0.29	0.33	13.95	ppb
Bismuth	209-1				79		%
Bismuth	209-2				77		%
Boron	10-1	56.76	53.61	48.86	53.08	7.49	ppb
Boron	11-1	55.98	51.22	45.76	50.99	10.04	ppb
Cadmium	111-1	0.23	0.14	0.27	0.21	33.14	ppb
Cadmium	106-1	0.02	-0.63	1.20	0.20	467.83	ppb
Cadmium	108-1	0.13	0.17	0.25	0.18	32.87	ppb
Calcium	43-1	501363.56	498292.75	498823.72	499493.34	0.33	ppb
Calcium	44-1	502342.26	498406.86	498030.52	499593.21	0.48	ppb
Chromium	52-2	7.31	7.13	7.31	7.25	1.45	ppb
Cobalt	59-2	11.23	11.40	11.46	11.36	1.07	ppb
Copper	63-2	2.25	2.17	2.13	2.19	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				77		%
Indium	115-2				79		%
Iron	56-2	248919.54	249018.46	249341.92	249093.30	0.09	ppb
Iron	57-2	248680.36	249131.37	249289.32	249033.68	0.13	ppb
Krypton	83-1						cps
Lead	206-1	1.29	1.17	1.22	1.23	4.85	ppb
Lead	207-1	1.18	1.17	1.15	1.16	1.40	ppb
Lead	208-1	1.23	1.17	1.20	1.20	2.54	ppb
Lithium	6-1				80		%
Magnesium	24-2	499121.43	499826.10	497411.54	498786.35	0.25	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:38:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.83	7.58	8.00	7.80	2.69	ppb
Molybdenum	94-1	3.29	3.10	2.89	3.09	6.46	ppb
Molybdenum	95-1	3.65	3.80	3.33	3.59	6.64	ppb
Molybdenum	96-1	4.53	4.20	4.45	4.39	3.91	ppb
Molybdenum	97-1	3.71	3.69	3.52	3.64	2.91	ppb
Molybdenum	98-1	3.69	3.38	3.19	3.42	7.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.33	12.22	11.67	12.07	2.93	ppb
Phosphorus	31-2	-6.05	15.39	1.53	3.62	300.18	ppb
Potassium	39-2	249856.57	250016.33	250086.34	249986.41	0.05	ppb
Rhodium	103-1				68		%
Rhodium	103-2				72		%
Scandium	45-1				77		%
Scandium	45-2				83		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	1.05	-0.21	0.45	0.43	146.28	ppb
Selenium	82-1	0.02	0.74	-0.05	0.24	184.36	ppb
Silicon	28-1	10.87	10.69	9.95	10.50	4.67	ppb
Silver	109-1	0.14	0.10	0.11	0.12	15.61	ppb
Silver	107-1	0.17	0.14	0.11	0.14	22.10	ppb
Sodium	23-2	500205.11	497737.04	500377.09	499439.75	0.30	ppb
Strontium	86-1	4.41	4.33	4.03	4.26	4.71	ppb
Strontium	88-1	4.42	4.36	4.23	4.34	2.28	ppb
Sulfur	34-1	-162.60	-114.18	-188.91	-155.23		ppb
Terbium	159-1				87		%
Terbium	159-2				88		%
Thallium	203-1	0.36	0.33	0.29	0.33	11.35	ppb
Thallium	205-1	0.39	0.34	0.30	0.34	12.42	ppb
Thorium	232-1	0.33	0.27	0.24	0.28	15.89	ppb
Tin	118-1	0.88	0.81	0.75	0.81	7.57	ppb
Titanium	47-1	2.73	2.69	2.32	2.58	8.90	ppb
Uranium	238-1	0.20	0.19	0.14	0.18	19.83	ppb
Vanadium	51-2	0.21	0.17	0.17	0.18	11.26	ppb
Yttrium	89-1				79		%
Yttrium	89-2				83		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:38:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.30	14.57	14.69	14.85	2.61	ppb
Zirconium	90-1	0.36	0.29	0.31	0.32	9.94	ppb
Zirconium	91-1	0.37	0.35	0.33	0.35	5.71	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:52:35	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.64	514.20	522.72	515.19	1.38	ppb
Antimony	121-1	207.00	206.00	208.32	207.11	0.56	ppb
Arsenic	75-1	216.31	210.04	214.79	213.71	1.53	ppb
Barium	135-1	105.07	104.97	103.96	104.67	0.59	ppb
Barium	137-1	104.12	103.13	103.92	103.72	0.51	ppb
Beryllium	9-1	100.49	99.25	99.86	99.87	0.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	470.13	495.48	504.97	490.19	3.68	ppb
Boron	11-1	476.33	494.72	508.20	493.08	3.24	ppb
Cadmium	111-1	108.58	107.92	109.77	108.76	0.86	ppb
Cadmium	106-1	190.16	185.15	187.85	187.72	1.33	ppb
Cadmium	108-1	166.25	162.27	164.17	164.23	1.21	ppb
Calcium	43-1	2226.88	2257.04	2283.39	2255.77	1.25	ppb
Calcium	44-1	2125.65	2114.51	2119.96	2120.04	0.26	ppb
Chromium	52-2	100.92	99.94	101.79	100.88	0.92	ppb
Cobalt	59-2	104.04	102.41	103.95	103.47	0.88	ppb
Copper	63-2	98.59	95.37	98.92	97.63	2.01	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				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1110.44	1092.41	1115.70	1106.18	1.10	ppb
Iron	57-2	1098.82	1074.82	1120.96	1098.20	2.10	ppb
Krypton	83-1						cps
Lead	206-1	199.05	198.67	197.95	198.56	0.28	ppb
Lead	207-1	189.69	189.48	190.32	189.83	0.23	ppb
Lead	208-1	193.15	193.06	193.19	193.13	0.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	1266.63	1268.04	1286.06	1273.57	0.85	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:52:35	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.64	96.58	99.47	98.23	1.51	ppb
Molybdenum	94-1	2521.44	2521.75	2531.20	2524.79	0.22	ppb
Molybdenum	95-1	2523.56	2505.74	2522.09	2517.13	0.39	ppb
Molybdenum	96-1	2512.96	2512.22	2516.61	2513.93	0.09	ppb
Molybdenum	97-1	2519.90	2497.65	2520.55	2512.70	0.52	ppb
Molybdenum	98-1	2506.06	2492.68	2506.42	2501.72	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.68	105.41	108.14	107.08	1.36	ppb
Phosphorus	31-2	-11.08	-20.95	-15.45	-15.83		ppb
Potassium	39-2	2013.29	1971.29	2037.33	2007.30	1.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	210.82	214.79	219.52	215.04	2.03	ppb
Selenium	78-2	206.60	220.31	210.15	212.35	3.35	ppb
Selenium	82-1	206.30	205.73	203.98	205.34	0.59	ppb
Silicon	28-1	512.48	513.55	520.61	515.55	0.86	ppb
Silver	109-1	108.48	108.15	107.90	108.18	0.27	ppb
Silver	107-1	108.72	109.00	108.57	108.77	0.20	ppb
Sodium	23-2	2045.65	2011.61	2073.98	2043.75	1.53	ppb
Strontium	86-1	536.11	529.93	536.06	534.03	0.67	ppb
Strontium	88-1	536.90	533.38	537.76	536.01	0.43	ppb
Sulfur	34-1	-300.77	-302.95	-403.27	-335.66		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	195.78	195.08	195.20	195.35	0.19	ppb
Thallium	205-1	192.95	193.33	191.90	192.73	0.39	ppb
Thorium	232-1	462.10	463.70	464.03	463.28	0.22	ppb
Tin	118-1	544.21	540.95	542.16	542.44	0.30	ppb
Titanium	47-1	2397.88	2411.53	2412.44	2407.28	0.34	ppb
Uranium	238-1	462.31	463.94	464.11	463.45	0.21	ppb
Vanadium	51-2	99.36	97.95	99.96	99.09	1.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:52:35	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	194.67	188.47	189.19	190.78	1.78	ppb
Zirconium	90-1	509.81	510.74	512.46	511.00	0.26	ppb
Zirconium	91-1	507.95	503.63	508.28	506.62	0.51	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:56:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	0.62	0.07	0.55	81.25	ppb
Antimony	121-1	0.19	0.17	0.20	0.18	8.31	ppb
Arsenic	75-1	0.18	-0.14	0.06	0.03	550.09	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	250.12	ppb
Barium	137-1	0.04	0.04	0.02	0.03	38.18	ppb
Beryllium	9-1	0.08	0.07	0.09	0.08	10.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	32.33	28.57	26.66	29.18	9.89	ppb
Boron	11-1	30.73	29.62	26.56	28.97	7.46	ppb
Cadmium	111-1	-0.09	0.02	0.12	0.02	641.53	ppb
Cadmium	106-1	-1.51	-0.02	1.27	-0.09		ppb
Cadmium	108-1	0.07	0.03	0.00	0.03	101.32	ppb
Calcium	43-1	4.51	1.61	0.78	2.30	85.37	ppb
Calcium	44-1	2.18	2.57	2.01	2.25	12.80	ppb
Chromium	52-2	0.00	-0.01	0.02	0.00	356.66	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	-0.01	0.02	0.03	169.54	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.83	0.67	0.78	0.76	10.77	ppb
Iron	57-2	2.27	0.38	-0.18	0.83	155.28	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.04	0.05	23.77	ppb
Lead	207-1	0.04	0.06	0.02	0.04	43.07	ppb
Lead	208-1	0.05	0.04	0.03	0.04	18.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.78	0.65	0.40	0.61	32.02	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:56:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.01	0.03	0.02	44.12	ppb
Molybdenum	94-1	0.79	0.66	0.62	0.69	12.52	ppb
Molybdenum	95-1	0.94	0.75	0.78	0.82	12.55	ppb
Molybdenum	96-1	0.86	0.74	0.72	0.77	9.75	ppb
Molybdenum	97-1	0.87	0.75	0.67	0.76	13.45	ppb
Molybdenum	98-1	0.93	0.78	0.66	0.79	17.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.01	0.02	48.74	ppb
Phosphorus	31-2	-10.02	-19.63	5.59	-8.02		ppb
Potassium	39-2	1.24	-3.99	-3.70	-2.15		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	-0.38	0.19	-0.38	-0.19		ppb
Selenium	78-2	-0.29	-0.12	0.36	-0.01		ppb
Selenium	82-1	-0.14	0.39	0.14	0.13	201.02	ppb
Silicon	28-1	3.59	3.01	2.52	3.04	17.60	ppb
Silver	109-1	0.04	0.02	0.02	0.03	43.99	ppb
Silver	107-1	0.03	0.02	0.02	0.02	16.67	ppb
Sodium	23-2	9.98	9.62	7.59	9.06	14.23	ppb
Strontium	86-1	0.09	0.06	0.04	0.06	38.80	ppb
Strontium	88-1	0.10	0.07	0.07	0.08	21.42	ppb
Sulfur	34-1	-198.32	-258.00	-261.22	-239.18		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.09	0.07	0.08	10.46	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	10.01	ppb
Thorium	232-1	0.16	0.13	0.11	0.13	17.34	ppb
Tin	118-1	0.26	0.21	0.20	0.22	13.41	ppb
Titanium	47-1	0.38	0.41	0.37	0.39	5.02	ppb
Uranium	238-1	0.08	0.06	0.05	0.06	24.26	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	457.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:56:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.23	0.26	0.28	0.25	9.43	ppb
Zirconium	90-1	0.10	0.08	0.06	0.08	22.47	ppb
Zirconium	91-1	0.09	0.07	0.03	0.07	44.52	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:03:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79950.43	94797.61	91552.28	88766.77	8.79	ppb
Antimony	121-1	1.42	1.32	1.27	1.34	5.72	ppb
Arsenic	75-1	1.54	1.56	1.45	1.52	4.03	ppb
Barium	135-1	1.54	1.45	1.49	1.50	3.19	ppb
Barium	137-1	1.34	1.46	1.42	1.40	4.29	ppb
Beryllium	9-1	0.35	0.27	0.31	0.31	12.67	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	10.58	8.60	9.02	9.40	11.12	ppb
Boron	11-1	10.51	9.46	9.47	9.82	6.13	ppb
Cadmium	111-1	0.25	0.31	0.34	0.30	15.06	ppb
Cadmium	106-1	-1.86	-1.59	-1.43	-1.63		ppb
Cadmium	108-1	12.24	12.37	11.20	11.94	5.36	ppb
Calcium	43-1	97373.67	97652.43	97833.83	97619.98	0.24	ppb
Calcium	44-1	96908.80	98292.98	98012.25	97738.01	0.75	ppb
Chromium	52-2	17.61	21.28	20.29	19.72	9.63	ppb
Cobalt	59-2	1.04	1.30	1.27	1.20	11.78	ppb
Copper	63-2	6.28	7.29	7.50	7.02	9.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	92486.81	110471.51	106448.68	103135.67	9.15	ppb
Iron	57-2	92144.18	111080.22	106459.53	103227.98	9.56	ppb
Krypton	83-1						cps
Lead	206-1	4.61	4.58	4.77	4.65	2.20	ppb
Lead	207-1	3.96	4.03	4.01	4.00	0.85	ppb
Lead	208-1	4.29	4.26	4.29	4.28	0.39	ppb
Lithium	6-1				86		%
Magnesium	24-2	90583.09	108724.17	103807.28	101038.18	9.29	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:03:26 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.93	8.11	8.00	7.68	8.52	ppb
Molybdenum	94-1	1272.52	1279.42	1277.02	1276.32	0.27	ppb
Molybdenum	95-1	1884.59	1890.99	1892.97	1889.52	0.23	ppb
Molybdenum	96-1	1807.56	1817.15	1821.13	1815.28	0.38	ppb
Molybdenum	97-1	1833.82	1850.98	1850.81	1845.20	0.53	ppb
Molybdenum	98-1	1878.07	1896.70	1888.60	1887.79	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.81	5.69	5.40	5.30	8.42	ppb
Phosphorus	31-2	85519.98	101744.67	98217.17	95160.60	8.97	ppb
Potassium	39-2	87125.60	104296.48	100333.31	97251.80	9.24	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	-0.36	0.02	0.24	-0.03		ppb
Selenium	82-1	0.30	-0.11	0.23	0.14	159.00	ppb
Silicon	28-1	20.10	20.40	19.88	20.12	1.30	ppb
Silver	109-1	0.03	0.05	0.04	0.04	27.75	ppb
Silver	107-1	0.03	0.06	0.04	0.04	24.86	ppb
Sodium	23-2	88828.67	106086.04	101744.82	98886.51	9.08	ppb
Strontium	86-1	32.96	32.85	32.99	32.93	0.21	ppb
Strontium	88-1	32.84	33.01	32.94	32.93	0.25	ppb
Sulfur	34-1	93912.28	94639.59	94093.92	94215.27	0.40	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.20	0.19	0.23	0.21	9.04	ppb
Thallium	205-1	0.20	0.21	0.22	0.21	4.84	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	1.71	ppb
Tin	118-1	0.32	0.27	0.28	0.29	9.66	ppb
Titanium	47-1	1939.32	1967.91	1941.06	1949.43	0.82	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	25.29	ppb
Vanadium	51-2	0.14	0.22	0.17	0.18	23.57	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:03:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.92	10.42	10.41	9.92	8.69	ppb
Zirconium	90-1	0.02	0.06	0.03	0.04	52.47	ppb
Zirconium	91-1	0.06	0.01	0.01	0.03	119.03	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:07:04	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90231.80	97768.89	86599.43	91533.37	6.22	ppb
Antimony	121-1	22.51	19.92	19.75	20.72	7.48	ppb
Arsenic	75-1	23.85	21.28	21.48	22.20	6.42	ppb
Barium	135-1	23.07	20.47	21.15	21.56	6.26	ppb
Barium	137-1	22.86	20.60	20.61	21.36	6.10	ppb
Beryllium	9-1	21.40	19.35	19.63	20.12	5.51	ppb
Bismuth	209-1				93		%
Bismuth	209-2				86		%
Boron	10-1	64.75	57.13	59.70	60.53	6.40	ppb
Boron	11-1	63.05	57.92	58.98	59.98	4.51	ppb
Cadmium	111-1	20.32	17.99	17.87	18.73	7.40	ppb
Cadmium	106-1	24.60	21.69	21.83	22.71	7.21	ppb
Cadmium	108-1	32.24	30.66	31.83	31.57	2.60	ppb
Calcium	43-1	106283.35	94883.88	94866.61	98677.95	6.67	ppb
Calcium	44-1	105924.63	94508.29	95198.52	98543.81	6.50	ppb
Chromium	52-2	40.04	42.96	38.45	40.48	5.66	ppb
Cobalt	59-2	21.17	23.06	20.34	21.52	6.47	ppb
Copper	63-2	26.07	27.45	24.97	26.16	4.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	105300.02	114154.97	100884.78	106779.92	6.33	ppb
Iron	57-2	104754.70	113753.45	101705.81	106737.99	5.87	ppb
Krypton	83-1						cps
Lead	206-1	27.58	24.34	24.52	25.48	7.16	ppb
Lead	207-1	24.94	22.11	22.34	23.13	6.81	ppb
Lead	208-1	25.86	22.90	23.19	23.98	6.79	ppb
Lithium	6-1				86		%
Magnesium	24-2	103206.94	111270.76	98684.59	104387.43	6.11	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:07:04	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.38	29.73	26.27	27.79	6.35	ppb
Molybdenum	94-1	1515.39	1361.92	1370.64	1415.98	6.09	ppb
Molybdenum	95-1	2093.67	1865.88	1898.88	1952.81	6.30	ppb
Molybdenum	96-1	2012.80	1802.29	1830.28	1881.79	6.07	ppb
Molybdenum	97-1	2050.25	1816.84	1847.15	1904.75	6.66	ppb
Molybdenum	98-1	2086.56	1864.89	1886.69	1946.05	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.87	27.48	24.91	25.75	5.79	ppb
Phosphorus	31-2	96839.00	106704.39	93313.15	98952.18	7.01	ppb
Potassium	39-2	99509.84	106928.69	95155.38	100531.30	5.92	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	13.69	21.00	17.02	17.24	21.25	ppb
Selenium	78-2	18.20	19.71	18.46	18.79	4.29	ppb
Selenium	82-1	20.43	17.86	17.78	18.69	8.07	ppb
Silicon	28-1	83.47	71.70	74.30	76.49	8.08	ppb
Silver	109-1	19.55	17.70	17.41	18.22	6.36	ppb
Silver	107-1	19.44	17.85	17.69	18.32	5.27	ppb
Sodium	23-2	100637.68	108432.25	96378.28	101816.07	6.00	ppb
Strontium	86-1	107.51	95.92	97.62	100.35	6.24	ppb
Strontium	88-1	107.54	95.06	96.38	99.66	6.88	ppb
Sulfur	34-1	102528.39	90356.33	91661.83	94848.85	7.05	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	22.20	19.30	19.73	20.41	7.68	ppb
Thallium	205-1	21.90	19.25	19.77	20.31	6.92	ppb
Thorium	232-1	0.30	0.27	0.28	0.28	5.73	ppb
Tin	118-1	60.91	53.44	54.46	56.27	7.20	ppb
Titanium	47-1	2154.25	1933.42	1949.23	2012.30	6.12	ppb
Uranium	238-1	58.54	51.99	52.40	54.31	6.75	ppb
Vanadium	51-2	20.33	21.91	19.32	20.52	6.36	ppb
Yttrium	89-1				89		%
Yttrium	89-2				85		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:07:04	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.64	31.54	26.41	28.86	8.90	ppb
Zirconium	90-1	59.34	52.31	52.26	54.64	7.45	ppb
Zirconium	91-1	59.19	53.30	53.12	55.21	6.25	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:13:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50301.89	49832.04	50780.17	50304.70	0.94	ppb
Antimony	121-1	468.83	468.65	464.77	467.42	0.49	ppb
Arsenic	75-1	510.40	500.20	500.67	503.76	1.14	ppb
Barium	135-1	2426.66	2388.48	2389.68	2401.61	0.90	ppb
Barium	137-1	2424.20	2410.13	2393.28	2409.20	0.64	ppb
Beryllium	9-1	478.72	475.93	474.91	476.52	0.41	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	442.94	459.79	464.65	455.79	2.50	ppb
Boron	11-1	444.96	458.29	464.66	455.97	2.21	ppb
Cadmium	111-1	502.51	501.22	496.53	500.09	0.63	ppb
Cadmium	106-1	504.05	499.49	492.38	498.64	1.18	ppb
Cadmium	108-1	510.57	503.97	496.61	503.72	1.39	ppb
Calcium	43-1	240214.92	238953.23	237888.40	239018.85	0.49	ppb
Calcium	44-1	238729.25	239817.34	237319.24	238621.95	0.52	ppb
Chromium	52-2	469.93	465.31	470.74	468.66	0.62	ppb
Cobalt	59-2	461.82	459.39	461.49	460.90	0.29	ppb
Copper	63-2	913.45	913.75	918.04	915.08	0.28	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				98		%
Holmium	165-2				96		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	123866.94	122618.19	123578.13	123354.42	0.53	ppb
Iron	57-2	124415.71	123316.02	124396.60	124042.78	0.51	ppb
Krypton	83-1						cps
Lead	206-1	485.39	485.32	478.05	482.92	0.87	ppb
Lead	207-1	483.24	482.95	476.70	480.96	0.77	ppb
Lead	208-1	486.49	484.04	479.46	483.33	0.74	ppb
Lithium	6-1				86		%
Magnesium	24-2	243941.01	240507.46	244986.30	243144.92	0.96	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:13:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	928.02	922.88	924.53	925.14	0.28	ppb
Molybdenum	94-1	2402.21	2370.85	2374.03	2382.36	0.72	ppb
Molybdenum	95-1	2393.04	2374.90	2371.66	2379.86	0.48	ppb
Molybdenum	96-1	2390.34	2356.75	2381.25	2376.11	0.73	ppb
Molybdenum	97-1	2331.63	2312.05	2308.42	2317.37	0.54	ppb
Molybdenum	98-1	2399.65	2363.13	2369.87	2377.55	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.63	452.74	456.20	453.19	0.62	ppb
Phosphorus	31-2	9157.28	9355.16	9223.77	9245.40	1.09	ppb
Potassium	39-2	120128.82	118360.20	120131.16	119540.06	0.85	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				84		%
Scandium	45-2				86		%
Selenium	77-2	460.44	479.06	462.02	467.17	2.21	ppb
Selenium	78-2	473.32	481.51	471.73	475.52	1.10	ppb
Selenium	82-1	479.28	482.67	476.14	479.37	0.68	ppb
Silicon	28-1	649.69	685.69	693.91	676.43	3.48	ppb
Silver	109-1	513.32	509.40	505.19	509.30	0.80	ppb
Silver	107-1	510.90	508.37	505.21	508.16	0.56	ppb
Sodium	23-2	239309.12	237434.01	239304.08	238682.40	0.45	ppb
Strontium	86-1	478.05	476.45	474.84	476.45	0.34	ppb
Strontium	88-1	477.49	475.64	470.18	474.44	0.80	ppb
Sulfur	34-1	9412.12	9250.37	9262.63	9308.37	0.97	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	484.89	486.74	477.85	483.16	0.97	ppb
Thallium	205-1	488.36	492.73	480.48	487.19	1.27	ppb
Thorium	232-1	487.46	488.82	483.18	486.49	0.61	ppb
Tin	118-1	483.05	480.39	477.35	480.26	0.59	ppb
Titanium	47-1	2387.06	2380.24	2352.25	2373.18	0.78	ppb
Uranium	238-1	490.14	486.68	479.76	485.53	1.09	ppb
Vanadium	51-2	471.80	469.82	472.64	471.42	0.31	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:13:54	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	929.01	929.05	935.70	931.25	0.41	ppb
Zirconium	90-1	481.57	479.95	478.14	479.89	0.36	ppb
Zirconium	91-1	485.59	479.99	477.44	481.01	0.87	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:35:13	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.07	25.58	17.46	20.04	23.97	ppb
Antimony	121-1	1.79	1.84	1.84	1.83	1.59	ppb
Arsenic	75-1	0.77	1.21	0.92	0.97	23.36	ppb
Barium	135-1	9.73	9.93	9.33	9.66	3.18	ppb
Barium	137-1	9.43	9.85	9.52	9.60	2.31	ppb
Beryllium	9-1	0.87	0.98	1.02	0.96	8.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Boron	10-1	23.07	23.48	24.51	23.68	3.13	ppb
Boron	11-1	23.23	23.82	23.81	23.62	1.42	ppb
Cadmium	111-1	0.78	0.96	0.84	0.86	11.10	ppb
Cadmium	106-1	-0.94	0.58	0.12	-0.08		ppb
Cadmium	108-1	1.21	0.86	0.73	0.93	26.90	ppb
Calcium	43-1	446.12	453.77	437.59	445.83	1.82	ppb
Calcium	44-1	451.19	438.23	447.48	445.63	1.50	ppb
Chromium	52-2	1.77	2.46	1.98	2.07	17.16	ppb
Cobalt	59-2	0.90	1.17	0.94	1.00	14.88	ppb
Copper	63-2	1.88	2.34	1.92	2.05	12.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				96		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	52.91	68.86	55.51	59.09	14.48	ppb
Iron	57-2	52.45	70.96	53.80	59.07	17.47	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.88	0.84	0.87	3.02	ppb
Lead	207-1	0.87	0.87	0.82	0.85	3.68	ppb
Lead	208-1	0.86	0.88	0.83	0.86	3.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	482.00	631.54	511.89	541.81	14.61	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:35:13	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	1.26	1.00	1.06	17.20	ppb
Molybdenum	94-1	4.30	4.33	4.48	4.37	2.20	ppb
Molybdenum	95-1	4.70	4.72	4.52	4.65	2.32	ppb
Molybdenum	96-1	4.58	4.49	4.51	4.53	1.09	ppb
Molybdenum	97-1	4.38	4.35	4.68	4.47	4.04	ppb
Molybdenum	98-1	4.62	4.45	4.81	4.63	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.35	1.02	1.13	16.65	ppb
Phosphorus	31-2	18.02	56.30	47.21	40.51	49.37	ppb
Potassium	39-2	445.44	601.86	484.62	510.64	15.94	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	77-2	1.76	10.14	5.86	5.92	70.76	ppb
Selenium	78-2	4.40	7.79	6.22	6.14	27.69	ppb
Selenium	82-1	5.15	4.92	5.17	5.08	2.73	ppb
Silicon	28-1	7.64	8.29	7.55	7.82	5.14	ppb
Silver	109-1	0.94	1.00	0.95	0.96	3.46	ppb
Silver	107-1	0.93	0.99	1.03	0.98	4.88	ppb
Sodium	23-2	447.66	589.75	483.78	507.06	14.56	ppb
Strontium	86-1	0.87	0.83	0.73	0.81	8.33	ppb
Strontium	88-1	0.85	0.85	0.87	0.86	1.36	ppb
Sulfur	34-1	-54.46	-24.51	-40.42	-39.79		ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.85	0.80	0.85	0.83	3.03	ppb
Thallium	205-1	0.83	0.85	0.89	0.86	3.66	ppb
Thorium	232-1	0.97	1.00	0.96	0.98	2.04	ppb
Tin	118-1	4.98	4.92	4.90	4.94	0.80	ppb
Titanium	47-1	5.06	4.42	4.72	4.73	6.80	ppb
Uranium	238-1	0.97	0.96	0.97	0.97	0.45	ppb
Vanadium	51-2	4.67	5.93	4.88	5.16	13.09	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:35:13	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.89	2.48	1.56	1.98	23.46	ppb
Zirconium	90-1	0.88	0.82	0.83	0.84	4.21	ppb
Zirconium	91-1	0.82	0.91	0.90	0.88	5.30	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P7
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:38:49 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	-0.03	-0.14	0.16	272.03	ppb
Antimony	121-1	0.01	0.03	0.03	0.03	52.34	ppb
Arsenic	75-1	0.02	-0.13	-0.08	-0.06		ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.04	0.02	113.50	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	3.05	3.16	3.25	3.15	3.06	ppb
Boron	11-1	3.51	3.61	3.53	3.55	1.52	ppb
Cadmium	111-1	0.03	-0.02	-0.05	-0.01		ppb
Cadmium	106-1	0.29	-0.09	-0.67	-0.16		ppb
Cadmium	108-1	-0.04	0.17	0.03	0.05	189.47	ppb
Calcium	43-1	-0.36	-1.46	-1.83	-1.22		ppb
Calcium	44-1	1.60	1.58	0.87	1.35	30.89	ppb
Chromium	52-2	0.01	-0.02	0.04	0.01	307.12	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.04	-0.01	-0.03	-0.02		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				100		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	4.58	0.51	0.12	1.74	142.34	ppb
Iron	57-2	6.89	1.03	0.15	2.69	136.08	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.02	52.99	ppb
Lead	207-1	0.02	0.03	0.01	0.02	46.60	ppb
Lead	208-1	0.02	0.02	0.02	0.02	23.15	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.05	0.39	0.43	0.29	72.76	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:38:49	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.03	0.02	0.01	129.74	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	16.21	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	30.71	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	25.08	ppb
Molybdenum	97-1	0.03	0.05	0.02	0.03	50.40	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	39.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	-0.01	-0.03	0.08	216.13	ppb
Phosphorus	31-2	-34.21	-19.02	-24.81	-26.01		ppb
Potassium	39-2	-2.75	3.77	-0.25	0.26	1283.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	-0.39	0.44	0.77	0.27	218.79	ppb
Selenium	82-1	-0.17	0.22	-0.51	-0.15		ppb
Silicon	28-1	-0.06	0.08	-0.04	-0.01		ppb
Silver	109-1	0.00	0.01	0.00	0.00	201.51	ppb
Silver	107-1	0.00	0.00	0.00	0.00	50.19	ppb
Sodium	23-2	4.56	6.26	5.43	5.42	15.72	ppb
Strontium	86-1	-0.04	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	45.74	ppb
Sulfur	34-1	-134.44	-25.12	37.74	-40.60		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.00	0.01	73.77	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	9.33	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.97	ppb
Tin	118-1	0.05	0.03	0.04	0.04	23.62	ppb
Titanium	47-1	0.09	0.02	0.05	0.05	64.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:38:49	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.25	-0.13	-0.25	-0.21		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	6.03	ppb
Zirconium	91-1	-0.01	0.04	0.01	0.01	207.14	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:42:24	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.82	16.27	19.76	17.95	9.73	ppb
Antimony	121-1	1.87	1.86	1.87	1.87	0.34	ppb
Arsenic	75-1	0.67	0.89	0.97	0.84	18.59	ppb
Barium	135-1	10.17	9.39	10.23	9.93	4.69	ppb
Barium	137-1	9.94	9.65	9.80	9.80	1.50	ppb
Beryllium	9-1	0.92	1.01	0.95	0.96	5.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	21.24	22.81	23.50	22.52	5.16	ppb
Boron	11-1	22.80	24.16	23.58	23.51	2.90	ppb
Cadmium	111-1	0.95	1.05	0.94	0.98	6.30	ppb
Cadmium	106-1	1.59	1.56	1.35	1.50	8.68	ppb
Cadmium	108-1	1.18	1.26	0.94	1.13	14.78	ppb
Calcium	43-1	460.36	456.53	463.71	460.20	0.78	ppb
Calcium	44-1	460.08	459.36	457.40	458.94	0.30	ppb
Chromium	52-2	1.80	1.85	1.85	1.83	1.59	ppb
Cobalt	59-2	0.98	0.93	0.94	0.95	2.94	ppb
Copper	63-2	1.79	1.77	1.87	1.81	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				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	53.88	55.13	54.04	54.35	1.25	ppb
Iron	57-2	54.33	53.06	55.40	54.26	2.16	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.88	0.91	3.00	ppb
Lead	207-1	0.85	0.85	0.85	0.85	0.10	ppb
Lead	208-1	0.87	0.87	0.85	0.86	1.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	493.43	497.30	495.64	495.46	0.39	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:42:24	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	0.98	1.07	1.01	5.67	ppb
Molybdenum	94-1	4.63	4.46	4.57	4.55	1.90	ppb
Molybdenum	95-1	4.63	4.68	4.79	4.70	1.71	ppb
Molybdenum	96-1	4.68	4.70	4.71	4.70	0.24	ppb
Molybdenum	97-1	4.75	4.92	4.39	4.68	5.80	ppb
Molybdenum	98-1	4.74	4.58	4.91	4.74	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.01	1.11	1.03	7.56	ppb
Phosphorus	31-2	17.13	44.72	8.62	23.49	80.34	ppb
Potassium	39-2	466.44	478.53	476.08	473.68	1.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	3.97	5.05	6.14	5.05	21.50	ppb
Selenium	78-2	5.18	6.05	5.36	5.53	8.33	ppb
Selenium	82-1	4.78	5.69	4.95	5.14	9.46	ppb
Silicon	28-1	9.76	9.28	8.49	9.18	7.00	ppb
Silver	109-1	0.90	0.83	0.81	0.85	5.23	ppb
Silver	107-1	0.87	0.95	0.82	0.88	7.86	ppb
Sodium	23-2	459.73	463.58	470.42	464.58	1.16	ppb
Strontium	86-1	0.91	0.92	0.86	0.90	3.81	ppb
Strontium	88-1	0.89	0.89	0.86	0.88	1.69	ppb
Sulfur	34-1	33.05	121.27	53.38	69.23	66.72	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.87	0.86	0.94	0.89	4.37	ppb
Thallium	205-1	0.88	0.87	0.86	0.87	1.27	ppb
Thorium	232-1	0.89	0.86	0.86	0.87	1.91	ppb
Tin	118-1	5.10	5.05	5.14	5.10	0.82	ppb
Titanium	47-1	4.39	4.48	4.73	4.53	3.87	ppb
Uranium	238-1	0.89	0.86	0.89	0.88	1.71	ppb
Vanadium	51-2	4.79	4.81	4.89	4.83	1.11	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:42:24	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.57	1.81	1.95	1.78	10.71	ppb
Zirconium	90-1	0.85	0.85	0.88	0.86	2.18	ppb
Zirconium	91-1	0.86	0.88	0.91	0.88	2.51	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:47:39 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.00	5.04	4.97	5.34	10.70	ppb
Antimony	121-1	0.22	0.24	0.26	0.24	9.09	ppb
Arsenic	75-1	0.54	0.52	0.37	0.48	19.83	ppb
Barium	135-1	1.20	1.21	1.15	1.19	2.72	ppb
Barium	137-1	1.13	1.11	1.10	1.12	1.46	ppb
Beryllium	9-1	0.22	0.26	0.24	0.24	7.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	3.72	4.11	4.57	4.14	10.27	ppb
Boron	11-1	4.78	4.39	4.32	4.50	5.50	ppb
Cadmium	111-1	0.42	0.19	0.23	0.28	45.37	ppb
Cadmium	106-1	1.87	-0.23	0.75	0.80	131.61	ppb
Cadmium	108-1	0.24	0.23	0.44	0.30	38.82	ppb
Calcium	43-1	24.89	18.51	14.84	19.42	26.18	ppb
Calcium	44-1	21.83	21.04	20.26	21.04	3.73	ppb
Chromium	52-2	0.23	0.24	0.22	0.23	3.69	ppb
Cobalt	59-2	0.24	0.21	0.22	0.23	5.23	ppb
Copper	63-2	0.47	0.44	0.43	0.45	3.69	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				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	12.11	11.87	12.38	12.12	2.11	ppb
Iron	57-2	12.52	13.10	12.68	12.77	2.35	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.21	0.20	1.95	ppb
Lead	207-1	0.20	0.21	0.21	0.21	3.51	ppb
Lead	208-1	0.22	0.21	0.22	0.21	2.90	ppb
Lithium	6-1				108		%
Magnesium	24-2	23.02	21.59	23.14	22.58	3.82	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:47:39 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.45	0.42	0.46	0.44	4.36	ppb
Molybdenum	94-1	1.12	1.05	1.00	1.06	5.96	ppb
Molybdenum	95-1	1.02	1.11	1.10	1.08	4.48	ppb
Molybdenum	96-1	1.03	1.12	1.07	1.07	3.93	ppb
Molybdenum	97-1	0.95	1.10	1.02	1.02	7.09	ppb
Molybdenum	98-1	1.05	1.11	1.04	1.07	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.19	0.26	0.23	15.28	ppb
Phosphorus	31-2	-21.84	-26.23	-28.19	-25.42		ppb
Potassium	39-2	12.32	8.08	7.95	9.45	26.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	77-2	1.22	1.22	1.73	1.39	21.24	ppb
Selenium	78-2	1.56	1.12	1.35	1.34	16.11	ppb
Selenium	82-1	1.52	1.29	1.56	1.46	10.06	ppb
Silicon	28-1	0.55	-0.18	0.11	0.16	228.84	ppb
Silver	109-1	0.25	0.27	0.20	0.24	13.92	ppb
Silver	107-1	0.27	0.28	0.21	0.25	16.20	ppb
Sodium	23-2	24.56	23.80	26.42	24.93	5.40	ppb
Strontium	86-1	0.21	0.17	0.23	0.20	15.57	ppb
Strontium	88-1	0.21	0.22	0.22	0.22	3.94	ppb
Sulfur	34-1	58.79	17.39	50.03	42.07	51.86	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.24	0.24	0.23	7.63	ppb
Thallium	205-1	0.21	0.22	0.23	0.22	5.01	ppb
Thorium	232-1	0.20	0.20	0.19	0.20	0.75	ppb
Tin	118-1	0.24	0.21	0.24	0.23	7.74	ppb
Titanium	47-1	1.14	1.21	1.01	1.12	9.00	ppb
Uranium	238-1	0.19	0.18	0.19	0.18	0.86	ppb
Vanadium	51-2	0.24	0.17	0.18	0.20	19.09	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:47:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.26	0.25	0.20	43.60	ppb
Zirconium	90-1	0.23	0.24	0.21	0.23	6.37	ppb
Zirconium	91-1	0.21	0.20	0.24	0.22	10.23	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:51:15 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.11	14.38	13.50	13.33	8.60	ppb
Antimony	121-1	0.78	0.75	0.69	0.74	5.66	ppb
Arsenic	75-1	0.76	0.86	0.68	0.77	12.15	ppb
Barium	135-1	3.64	3.63	3.39	3.55	3.90	ppb
Barium	137-1	3.53	3.53	3.73	3.60	3.29	ppb
Beryllium	9-1	0.76	0.75	0.66	0.72	7.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	3.36	2.34	2.47	2.73	20.32	ppb
Boron	11-1	2.53	2.31	2.55	2.46	5.30	ppb
Cadmium	111-1	0.79	0.85	0.71	0.78	8.56	ppb
Cadmium	106-1	1.11	2.02	0.49	1.21	63.56	ppb
Cadmium	108-1	1.24	0.84	1.20	1.09	20.14	ppb
Calcium	43-1	75.01	68.08	68.26	70.45	5.61	ppb
Calcium	44-1	72.76	72.98	73.98	73.24	0.88	ppb
Chromium	52-2	0.74	0.71	0.74	0.73	2.17	ppb
Cobalt	59-2	0.73	0.76	0.75	0.74	2.24	ppb
Copper	63-2	1.37	1.23	1.36	1.32	6.00	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				106		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	38.52	38.33	38.23	38.36	0.39	ppb
Iron	57-2	37.12	31.00	40.65	36.26	13.47	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.68	0.69	0.68	1.91	ppb
Lead	207-1	0.62	0.67	0.68	0.66	5.24	ppb
Lead	208-1	0.66	0.67	0.68	0.67	0.79	ppb
Lithium	6-1				109		%
Magnesium	24-2	72.54	71.12	71.39	71.68	1.05	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:51:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.41	1.26	1.48	1.39	8.18	ppb
Molybdenum	94-1	3.34	3.41	3.38	3.38	1.07	ppb
Molybdenum	95-1	3.44	3.35	3.34	3.38	1.58	ppb
Molybdenum	96-1	3.48	3.36	3.37	3.40	1.99	ppb
Molybdenum	97-1	3.37	3.53	3.26	3.38	4.01	ppb
Molybdenum	98-1	3.36	3.49	3.27	3.37	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.75	0.58	0.68	13.28	ppb
Phosphorus	31-2	-9.43	-7.35	-11.25	-9.34		ppb
Potassium	39-2	36.04	35.78	39.98	37.27	6.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	0.68	-0.38	0.15	0.15	357.80	ppb
Selenium	78-2	1.44	1.98	0.69	1.37	47.10	ppb
Selenium	82-1	0.75	0.68	0.45	0.63	24.38	ppb
Silicon	28-1	-0.04	0.62	0.35	0.31	107.41	ppb
Silver	109-1	0.82	0.75	0.79	0.79	4.41	ppb
Silver	107-1	0.79	0.81	0.74	0.78	4.33	ppb
Sodium	23-2	72.37	74.40	73.46	73.41	1.38	ppb
Strontium	86-1	0.69	0.65	0.65	0.66	3.43	ppb
Strontium	88-1	0.68	0.69	0.68	0.68	1.51	ppb
Sulfur	34-1	29.58	89.44	85.23	68.08	49.07	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.65	0.64	0.69	0.66	3.82	ppb
Thallium	205-1	0.68	0.68	0.65	0.67	1.95	ppb
Thorium	232-1	0.59	0.57	0.59	0.58	2.11	ppb
Tin	118-1	0.73	0.82	0.73	0.76	6.96	ppb
Titanium	47-1	3.26	3.53	3.04	3.28	7.53	ppb
Uranium	238-1	0.58	0.60	0.59	0.59	1.35	ppb
Vanadium	51-2	0.67	0.67	0.68	0.67	1.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:51:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.30	1.34	1.25	1.30	3.54	ppb
Zirconium	90-1	0.67	0.69	0.70	0.69	1.93	ppb
Zirconium	91-1	0.73	0.71	0.76	0.73	3.53	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:54:51 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.18	3.72	3.57	4.16	21.41	ppb
Antimony	121-1	0.21	0.24	0.24	0.23	6.22	ppb
Arsenic	75-1	0.10	0.23	0.37	0.23	58.98	ppb
Barium	135-1	1.01	0.99	1.12	1.04	6.69	ppb
Barium	137-1	1.13	1.04	0.98	1.05	7.17	ppb
Beryllium	9-1	0.22	0.21	0.24	0.22	8.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	2.79	3.28	3.52	3.20	11.76	ppb
Boron	11-1	3.42	3.62	3.20	3.41	6.13	ppb
Cadmium	111-1	0.22	0.26	0.22	0.23	11.11	ppb
Cadmium	106-1	-0.22	0.38	0.15	0.10	288.74	ppb
Cadmium	108-1	0.22	0.06	0.16	0.15	54.29	ppb
Calcium	43-1	18.53	19.55	16.05	18.04	9.97	ppb
Calcium	44-1	22.01	21.88	21.12	21.67	2.23	ppb
Chromium	52-2	0.22	0.23	0.26	0.24	9.17	ppb
Cobalt	59-2	0.22	0.25	0.23	0.23	7.12	ppb
Copper	63-2	0.38	0.47	0.47	0.44	12.06	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				110		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	11.93	11.87	11.97	11.92	0.40	ppb
Iron	57-2	12.55	11.03	13.45	12.34	9.92	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.20	0.23	0.21	5.83	ppb
Lead	207-1	0.22	0.22	0.21	0.22	2.67	ppb
Lead	208-1	0.21	0.21	0.21	0.21	0.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	20.02	21.97	23.68	21.89	8.37	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:54:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.42	0.43	0.42	2.12	ppb
Molybdenum	94-1	0.93	1.06	1.06	1.01	7.38	ppb
Molybdenum	95-1	0.95	1.00	1.13	1.03	8.82	ppb
Molybdenum	96-1	1.13	1.00	1.05	1.06	6.26	ppb
Molybdenum	97-1	1.07	1.01	1.07	1.05	3.27	ppb
Molybdenum	98-1	1.08	1.04	1.06	1.06	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.15	0.20	21.58	ppb
Phosphorus	31-2	-18.29	-24.43	-30.37	-24.36		ppb
Potassium	39-2	7.13	11.23	8.70	9.02	22.94	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	77-2	0.14	0.66	0.66	0.49	61.89	ppb
Selenium	78-2	1.73	1.48	1.13	1.45	20.82	ppb
Selenium	82-1	1.70	1.44	1.49	1.54	8.93	ppb
Silicon	28-1	-0.43	0.10	0.31	-0.01		ppb
Silver	109-1	0.22	0.27	0.25	0.25	9.65	ppb
Silver	107-1	0.23	0.25	0.26	0.25	5.79	ppb
Sodium	23-2	23.09	23.76	24.16	23.67	2.28	ppb
Strontium	86-1	0.18	0.20	0.17	0.18	9.35	ppb
Strontium	88-1	0.23	0.21	0.22	0.22	6.01	ppb
Sulfur	34-1	-76.30	-20.68	-62.08	-53.02		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.21	0.19	0.20	6.32	ppb
Thallium	205-1	0.21	0.20	0.24	0.22	8.20	ppb
Thorium	232-1	0.18	0.19	0.18	0.18	1.99	ppb
Tin	118-1	0.20	0.21	0.23	0.21	7.20	ppb
Titanium	47-1	1.13	0.93	1.17	1.08	11.83	ppb
Uranium	238-1	0.18	0.18	0.18	0.18	2.15	ppb
Vanadium	51-2	0.21	0.22	0.20	0.21	5.27	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:54:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.31	0.16	0.27	0.24	31.50	ppb
Zirconium	90-1	0.21	0.20	0.19	0.20	5.10	ppb
Zirconium	91-1	0.18	0.21	0.20	0.20	8.55	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:58:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.09	13.80	11.46	13.12	11.01	ppb
Antimony	121-1	0.69	0.71	0.70	0.70	1.62	ppb
Arsenic	75-1	0.85	0.77	0.53	0.72	23.05	ppb
Barium	135-1	3.62	3.65	3.68	3.65	0.80	ppb
Barium	137-1	3.51	3.45	3.45	3.47	0.98	ppb
Beryllium	9-1	0.72	0.77	0.77	0.75	3.57	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	2.37	2.49	2.39	2.42	2.75	ppb
Boron	11-1	1.98	2.10	1.91	2.00	4.62	ppb
Cadmium	111-1	0.68	0.64	0.71	0.68	5.18	ppb
Cadmium	106-1	0.73	0.10	0.53	0.45	71.79	ppb
Cadmium	108-1	0.79	0.73	0.79	0.77	4.70	ppb
Calcium	43-1	68.23	71.26	58.59	66.03	10.02	ppb
Calcium	44-1	67.58	68.53	68.19	68.10	0.71	ppb
Chromium	52-2	0.70	0.68	0.74	0.71	4.78	ppb
Cobalt	59-2	0.72	0.65	0.69	0.69	4.87	ppb
Copper	63-2	1.34	1.28	1.27	1.30	2.82	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				108		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	37.94	38.16	37.79	37.96	0.48	ppb
Iron	57-2	34.45	40.96	35.27	36.89	9.61	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.66	0.66	0.66	0.52	ppb
Lead	207-1	0.66	0.64	0.67	0.66	2.10	ppb
Lead	208-1	0.65	0.65	0.65	0.65	0.13	ppb
Lithium	6-1				110		%
Magnesium	24-2	70.51	69.35	71.17	70.34	1.31	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:58:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.30	1.37	1.42	1.36	4.40	ppb
Molybdenum	94-1	3.24	3.38	3.30	3.31	2.01	ppb
Molybdenum	95-1	3.32	3.31	3.28	3.30	0.64	ppb
Molybdenum	96-1	3.42	3.35	3.27	3.35	2.22	ppb
Molybdenum	97-1	3.53	3.37	3.28	3.39	3.71	ppb
Molybdenum	98-1	3.31	3.21	3.20	3.24	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.64	0.64	0.66	4.53	ppb
Phosphorus	31-2	-3.75	-28.46	-20.36	-17.52		ppb
Potassium	39-2	36.04	33.56	36.09	35.23	4.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	0.14	-0.38	0.67	0.14	369.92	ppb
Selenium	78-2	1.15	0.56	0.82	0.84	35.09	ppb
Selenium	82-1	0.98	1.16	0.74	0.96	21.72	ppb
Silicon	28-1	-0.27	0.52	0.46	0.24	184.64	ppb
Silver	109-1	0.82	0.76	0.76	0.78	4.54	ppb
Silver	107-1	0.76	0.72	0.76	0.75	3.57	ppb
Sodium	23-2	69.43	69.02	67.68	68.71	1.33	ppb
Strontium	86-1	0.65	0.56	0.63	0.61	8.28	ppb
Strontium	88-1	0.66	0.66	0.66	0.66	0.39	ppb
Sulfur	34-1	-104.65	-9.66	12.69	-33.87		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.64	0.63	0.65	0.64	0.92	ppb
Thallium	205-1	0.66	0.65	0.66	0.66	1.32	ppb
Thorium	232-1	0.59	0.59	0.58	0.58	1.42	ppb
Tin	118-1	0.75	0.71	0.75	0.74	3.41	ppb
Titanium	47-1	3.17	3.59	3.34	3.37	6.21	ppb
Uranium	238-1	0.57	0.58	0.56	0.57	1.74	ppb
Vanadium	51-2	0.72	0.66	0.65	0.68	5.69	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:58:27	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.35	1.10	1.13	1.20	11.34	ppb
Zirconium	90-1	0.62	0.65	0.66	0.65	3.51	ppb
Zirconium	91-1	0.61	0.70	0.77	0.69	11.43	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:02:04 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.61	4.24	3.87	4.24	8.64	ppb
Antimony	121-1	0.22	0.22	0.21	0.22	3.02	ppb
Arsenic	75-1	0.22	0.23	0.21	0.22	6.42	ppb
Barium	135-1	1.23	1.11	1.07	1.14	7.51	ppb
Barium	137-1	1.06	1.13	1.08	1.09	3.06	ppb
Beryllium	9-1	0.25	0.26	0.29	0.27	8.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	2.65	2.99	2.78	2.81	6.06	ppb
Boron	11-1	3.15	3.72	2.90	3.26	12.97	ppb
Cadmium	111-1	0.23	0.25	0.41	0.30	32.15	ppb
Cadmium	106-1	0.42	0.83	2.82	1.36	94.29	ppb
Cadmium	108-1	0.23	0.35	0.06	0.22	67.98	ppb
Calcium	43-1	24.40	22.79	20.49	22.56	8.72	ppb
Calcium	44-1	22.26	23.93	20.70	22.30	7.25	ppb
Chromium	52-2	0.20	0.22	0.20	0.20	5.89	ppb
Cobalt	59-2	0.25	0.21	0.21	0.22	11.11	ppb
Copper	63-2	0.41	0.47	0.49	0.46	9.13	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				110		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	12.32	12.67	12.21	12.40	1.94	ppb
Iron	57-2	12.24	15.30	11.63	13.06	15.05	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.20	0.21	4.54	ppb
Lead	207-1	0.19	0.22	0.19	0.20	7.33	ppb
Lead	208-1	0.21	0.21	0.20	0.20	4.21	ppb
Lithium	6-1				111		%
Magnesium	24-2	24.17	23.35	23.21	23.58	2.21	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:02:04	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.51	0.48	0.43	0.47	8.90	ppb
Molybdenum	94-1	1.05	0.99	1.04	1.03	3.32	ppb
Molybdenum	95-1	1.12	1.06	1.08	1.08	3.00	ppb
Molybdenum	96-1	1.11	1.05	1.00	1.05	5.35	ppb
Molybdenum	97-1	1.02	1.07	1.12	1.07	4.63	ppb
Molybdenum	98-1	1.06	1.06	1.03	1.05	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.30	0.25	0.25	16.42	ppb
Phosphorus	31-2	-23.03	-18.11	-16.58	-19.24		ppb
Potassium	39-2	14.86	11.16	12.89	12.97	14.28	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	2.96	1.19	0.66	1.60	75.37	ppb
Selenium	78-2	1.08	1.73	2.46	1.76	39.44	ppb
Selenium	82-1	1.64	1.84	1.74	1.74	5.75	ppb
Silicon	28-1	0.26	0.65	0.16	0.35	73.55	ppb
Silver	109-1	0.25	0.20	0.25	0.24	11.40	ppb
Silver	107-1	0.27	0.25	0.26	0.26	4.25	ppb
Sodium	23-2	24.54	24.72	21.75	23.67	7.04	ppb
Strontium	86-1	0.15	0.14	0.16	0.15	5.25	ppb
Strontium	88-1	0.20	0.21	0.21	0.21	2.64	ppb
Sulfur	34-1	7.71	66.78	21.70	32.06	96.28	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.19	0.21	0.20	7.44	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	2.87	ppb
Thorium	232-1	0.19	0.18	0.18	0.18	2.78	ppb
Tin	118-1	0.26	0.22	0.20	0.23	11.84	ppb
Titanium	47-1	0.95	0.97	1.06	0.99	6.18	ppb
Uranium	238-1	0.17	0.19	0.18	0.18	5.22	ppb
Vanadium	51-2	0.21	0.26	0.21	0.23	12.56	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:02:04	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.25	0.39	0.46	0.36	29.87	ppb
Zirconium	90-1	0.21	0.19	0.22	0.21	7.88	ppb
Zirconium	91-1	0.29	0.21	0.23	0.24	16.55	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:05:41 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.34	13.36	13.63	14.44	11.41	ppb
Antimony	121-1	0.70	0.70	0.69	0.70	1.32	ppb
Arsenic	75-1	0.87	1.10	0.69	0.88	23.23	ppb
Barium	135-1	3.60	3.75	3.33	3.56	6.04	ppb
Barium	137-1	3.61	3.51	3.71	3.61	2.84	ppb
Beryllium	9-1	0.73	0.75	0.68	0.72	4.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	1.34	2.10	1.41	1.62	26.22	ppb
Boron	11-1	1.59	1.76	1.78	1.71	6.05	ppb
Cadmium	111-1	0.75	0.69	0.77	0.74	5.99	ppb
Cadmium	106-1	1.03	0.41	0.84	0.76	41.50	ppb
Cadmium	108-1	0.63	0.81	1.00	0.81	22.61	ppb
Calcium	43-1	76.83	65.46	67.93	70.07	8.53	ppb
Calcium	44-1	66.63	68.80	66.23	67.22	2.06	ppb
Chromium	52-2	0.71	0.66	0.59	0.65	8.98	ppb
Cobalt	59-2	0.66	0.71	0.71	0.69	3.77	ppb
Copper	63-2	1.37	1.33	1.36	1.35	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	36.49	36.44	35.84	36.26	1.01	ppb
Iron	57-2	37.76	34.31	34.95	35.67	5.14	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.64	0.62	0.65	4.09	ppb
Lead	207-1	0.67	0.67	0.66	0.67	0.21	ppb
Lead	208-1	0.64	0.63	0.63	0.63	0.87	ppb
Lithium	6-1				110		%
Magnesium	24-2	69.48	70.97	67.18	69.21	2.76	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:05:41 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.39	1.37	1.27	1.34	4.73	ppb
Molybdenum	94-1	3.28	3.30	3.31	3.30	0.40	ppb
Molybdenum	95-1	3.33	3.32	3.29	3.31	0.65	ppb
Molybdenum	96-1	3.32	3.34	3.31	3.33	0.49	ppb
Molybdenum	97-1	3.48	3.10	3.20	3.26	5.91	ppb
Molybdenum	98-1	3.32	3.37	3.35	3.35	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.65	0.77	0.69	9.46	ppb
Phosphorus	31-2	-12.13	-2.15	-15.00	-9.76		ppb
Potassium	39-2	36.49	29.75	29.80	32.01	12.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	77-2	0.14	0.14	-0.38	-0.03		ppb
Selenium	78-2	0.66	0.30	0.48	0.48	37.98	ppb
Selenium	82-1	0.51	0.90	0.60	0.67	30.61	ppb
Silicon	28-1	0.11	0.60	0.62	0.44	65.96	ppb
Silver	109-1	0.80	0.78	0.72	0.77	4.93	ppb
Silver	107-1	0.76	0.80	0.79	0.78	3.14	ppb
Sodium	23-2	67.93	67.34	66.23	67.17	1.28	ppb
Strontium	86-1	0.62	0.57	0.63	0.61	5.34	ppb
Strontium	88-1	0.67	0.64	0.66	0.66	2.13	ppb
Sulfur	34-1	24.52	48.28	46.91	39.90	33.43	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.62	0.66	0.63	0.63	3.15	ppb
Thallium	205-1	0.66	0.67	0.65	0.66	1.57	ppb
Thorium	232-1	0.59	0.56	0.57	0.57	2.84	ppb
Tin	118-1	0.82	0.72	0.79	0.78	6.22	ppb
Titanium	47-1	3.29	3.16	3.20	3.22	2.08	ppb
Uranium	238-1	0.57	0.56	0.56	0.56	0.85	ppb
Vanadium	51-2	0.75	0.74	0.58	0.69	13.44	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:05:41	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.46	1.23	1.38	1.36	8.84	ppb
Zirconium	90-1	0.62	0.65	0.65	0.64	2.55	ppb
Zirconium	91-1	0.62	0.61	0.78	0.67	13.93	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119376BL Instrumnet Name : P7
 Client Sample ID : PB119376BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:18:47 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.24	0.14	0.17	31.22	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	42.46	ppb
Arsenic	75-1	-0.08	-0.05	-0.10	-0.08		ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	107.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	0.59	0.69	0.69	0.66	8.93	ppb
Boron	11-1	0.90	0.96	0.84	0.90	6.72	ppb
Cadmium	111-1	-0.06	-0.06	-0.12	-0.08		ppb
Cadmium	106-1	-0.70	-0.71	-1.44	-0.95		ppb
Cadmium	108-1	0.00	0.03	0.06	0.03	108.61	ppb
Calcium	43-1	-1.23	-0.88	0.89	-0.41		ppb
Calcium	44-1	0.49	0.40	1.66	0.85	82.53	ppb
Chromium	52-2	0.04	0.03	0.02	0.03	22.84	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	-0.02	0.00	0.01	0.00		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				109		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	0.13	0.19	0.01	0.11	86.35	ppb
Iron	57-2	-0.36	0.87	-0.35	0.05	1305.72	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	14.92	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00	91.54	ppb
Lithium	6-1				112		%
Magnesium	24-2	-0.03	0.10	0.02	0.03	240.87	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119376BL Instrumnet Name : P7
 Client Sample ID : PB119376BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:18:47 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	901.14	ppb
Molybdenum	94-1	0.03	0.00	0.01	0.01	79.98	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	27.41	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	50.92	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	112.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-40.73	-28.70	-16.47	-28.63		ppb
Potassium	39-2	-1.92	-2.78	-1.79	-2.16		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	-0.20	0.55	0.71	0.35	138.58	ppb
Selenium	82-1	0.15	0.04	0.19	0.13	59.17	ppb
Silicon	28-1	-1.07	-0.83	-0.50	-0.80		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	0.16	0.41	1.80	0.79	112.00	ppb
Strontium	86-1	-0.05	-0.04	-0.02	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	93.79	ppb
Sulfur	34-1	134.25	100.44	174.84	136.51	27.29	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.01	0.00	194.22	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	46.40	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	8.37	ppb
Tin	118-1	0.01	-0.02	-0.03	-0.01		ppb
Titanium	47-1	-0.02	0.04	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BL	Instrumnet Name :	P7
Client Sample ID :	PB119376BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:18:47	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.14	-0.22	-0.13	-0.17		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	182.63	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	65.13	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BS	Instrumnet Name :	P7
Client Sample ID :	PB119376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:22:24	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9735.70	9820.64	9752.37	9769.57	0.46	ppb
Antimony	121-1	514.54	509.24	511.30	511.69	0.52	ppb
Arsenic	75-1	523.33	528.94	522.06	524.78	0.70	ppb
Barium	135-1	2564.73	2530.08	2542.55	2545.79	0.69	ppb
Barium	137-1	2578.07	2573.07	2580.24	2577.13	0.14	ppb
Beryllium	9-1	507.30	508.22	511.33	508.95	0.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	463.90	475.59	493.00	477.50	3.07	ppb
Boron	11-1	468.45	479.82	491.60	479.96	2.41	ppb
Cadmium	111-1	499.94	495.36	493.65	496.32	0.66	ppb
Cadmium	106-1	511.60	503.15	497.56	504.11	1.40	ppb
Cadmium	108-1	505.76	502.85	506.54	505.05	0.39	ppb
Calcium	43-1	50754.06	50912.98	50820.76	50829.27	0.16	ppb
Calcium	44-1	50124.90	50654.67	50737.86	50505.81	0.66	ppb
Chromium	52-2	495.15	494.99	499.24	496.46	0.49	ppb
Cobalt	59-2	502.64	501.08	502.79	502.17	0.19	ppb
Copper	63-2	921.98	924.17	924.91	923.69	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	26573.05	26784.60	26687.13	26681.59	0.40	ppb
Iron	57-2	26502.46	26573.93	26596.62	26557.67	0.19	ppb
Krypton	83-1						cps
Lead	206-1	490.73	489.06	487.68	489.16	0.31	ppb
Lead	207-1	488.67	481.80	488.11	486.19	0.78	ppb
Lead	208-1	491.61	489.49	491.27	490.79	0.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	52345.40	52206.12	52440.74	52330.76	0.23	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BS	Instrumnet Name :	P7
Client Sample ID :	PB119376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:22:24	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.61	986.75	992.28	989.54	0.28	ppb
Molybdenum	94-1	2484.14	2503.76	2497.93	2495.28	0.40	ppb
Molybdenum	95-1	2488.72	2497.94	2490.17	2492.28	0.20	ppb
Molybdenum	96-1	2491.22	2488.23	2494.96	2491.47	0.14	ppb
Molybdenum	97-1	2490.14	2492.69	2504.86	2495.89	0.32	ppb
Molybdenum	98-1	2467.98	2482.35	2489.18	2479.84	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.33	504.25	506.70	506.09	0.32	ppb
Phosphorus	31-2	10486.60	10392.57	10144.74	10341.30	1.71	ppb
Potassium	39-2	25148.39	25219.21	25227.92	25198.51	0.17	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	484.76	552.14	510.34	515.74	6.59	ppb
Selenium	78-2	509.66	503.05	515.27	509.33	1.20	ppb
Selenium	82-1	507.27	505.32	509.15	507.24	0.38	ppb
Silicon	28-1	547.35	554.36	556.62	552.78	0.87	ppb
Silver	109-1	505.99	501.68	498.24	501.97	0.77	ppb
Silver	107-1	508.30	498.66	498.28	501.75	1.13	ppb
Sodium	23-2	50771.41	50729.23	50805.06	50768.56	0.07	ppb
Strontium	86-1	493.32	492.84	495.10	493.76	0.24	ppb
Strontium	88-1	493.57	498.00	496.96	496.18	0.47	ppb
Sulfur	34-1	10181.41	10243.54	10226.30	10217.08	0.31	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	486.68	486.15	484.94	485.92	0.18	ppb
Thallium	205-1	494.23	495.00	498.75	495.99	0.49	ppb
Thorium	232-1	472.24	471.87	478.69	474.27	0.81	ppb
Tin	118-1	524.49	516.45	517.00	519.31	0.86	ppb
Titanium	47-1	2511.22	2512.80	2520.55	2514.86	0.20	ppb
Uranium	238-1	467.64	469.32	473.37	470.11	0.63	ppb
Vanadium	51-2	495.04	497.52	499.99	497.52	0.50	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BS	Instrumnet Name :	P7
Client Sample ID :	PB119376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:22:24	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	915.19	918.71	912.26	915.39	0.35	ppb
Zirconium	90-1	500.08	501.11	502.32	501.17	0.22	ppb
Zirconium	91-1	495.44	493.13	494.88	494.48	0.24	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119377BL Instrumnet Name : P7
 Client Sample ID : PB119377BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:26:00 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.43	0.43	0.43	0.85	ppb
Antimony	121-1	0.34	0.36	0.39	0.36	7.06	ppb
Arsenic	75-1	0.02	-0.02	0.00	0.00		ppb
Barium	135-1	0.09	0.06	0.08	0.08	17.58	ppb
Barium	137-1	0.09	0.10	0.06	0.08	24.99	ppb
Beryllium	9-1	0.09	0.11	0.09	0.10	9.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	22.69	20.91	21.16	21.59	4.47	ppb
Boron	11-1	24.47	21.17	19.89	21.84	10.81	ppb
Cadmium	111-1	0.00	-0.12	-0.06	-0.06		ppb
Cadmium	106-1	-0.15	-1.82	-1.25	-1.08		ppb
Cadmium	108-1	0.10	0.07	0.03	0.07	50.75	ppb
Calcium	43-1	3.18	-1.54	-1.56	0.03	10741.71	ppb
Calcium	44-1	0.37	1.55	0.42	0.78	85.38	ppb
Chromium	52-2	0.00	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	93.20	ppb
Copper	63-2	-0.01	0.02	0.02	0.01	159.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	0.70	0.63	0.64	0.66	5.91	ppb
Iron	57-2	0.13	0.39	1.28	0.60	101.04	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	5.89	ppb
Lead	207-1	0.02	0.03	0.02	0.02	13.36	ppb
Lead	208-1	0.03	0.02	0.02	0.02	18.04	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.20	1.08	0.66	0.65	68.13	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BL	Instrumnet Name :	P7
Client Sample ID :	PB119377BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:26:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.03	0.03	15.92	ppb
Molybdenum	94-1	0.51	0.46	0.36	0.44	18.09	ppb
Molybdenum	95-1	0.62	0.55	0.47	0.55	13.53	ppb
Molybdenum	96-1	0.60	0.45	0.43	0.49	18.42	ppb
Molybdenum	97-1	0.64	0.52	0.55	0.57	10.28	ppb
Molybdenum	98-1	0.60	0.56	0.46	0.54	13.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.03	-0.04	-0.01		ppb
Phosphorus	31-2	-30.19	-25.57	-25.53	-27.10		ppb
Potassium	39-2	-2.21	-2.81	-3.03	-2.68		ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	-0.38	0.21	-0.38	-0.18		ppb
Selenium	78-2	-0.43	0.13	1.00	0.24	307.51	ppb
Selenium	82-1	-0.44	0.24	-0.01	-0.07		ppb
Silicon	28-1	0.94	0.38	0.43	0.58	52.98	ppb
Silver	109-1	0.04	0.02	0.02	0.03	38.47	ppb
Silver	107-1	0.04	0.02	0.04	0.03	27.05	ppb
Sodium	23-2	9.54	10.26	8.72	9.51	8.13	ppb
Strontium	86-1	0.01	-0.02	-0.05	-0.02		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	35.86	ppb
Sulfur	34-1	-182.33	-148.74	-114.42	-148.50		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.04	0.03	0.05	32.24	ppb
Thallium	205-1	0.06	0.06	0.05	0.05	11.24	ppb
Thorium	232-1	0.10	0.08	0.08	0.09	11.64	ppb
Tin	118-1	0.09	0.09	0.11	0.10	10.04	ppb
Titanium	47-1	0.16	0.08	0.13	0.12	35.43	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	21.68	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	38.04	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BL	Instrumnet Name :	P7
Client Sample ID :	PB119377BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:26:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	-0.19	-0.10	-0.10		ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	17.11	ppb
Zirconium	91-1	0.05	0.03	0.05	0.04	26.84	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:30:02	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58817.38	50724.72	50559.06	53367.05	8.85	ppb
Antimony	121-1	497.11	451.30	413.09	453.83	9.27	ppb
Arsenic	75-1	531.77	485.72	453.34	490.28	8.04	ppb
Barium	135-1	2545.50	2325.60	2126.14	2332.41	8.99	ppb
Barium	137-1	2557.18	2342.11	2133.48	2344.26	9.04	ppb
Beryllium	9-1	499.40	461.26	427.87	462.85	7.73	ppb
Bismuth	209-1				93		%
Bismuth	209-2				84		%
Boron	10-1	487.45	467.62	434.57	463.21	5.77	ppb
Boron	11-1	490.29	465.06	439.33	464.89	5.48	ppb
Cadmium	111-1	522.87	479.83	442.37	481.69	8.36	ppb
Cadmium	106-1	531.86	480.82	439.81	484.16	9.53	ppb
Cadmium	108-1	528.15	483.96	450.93	487.68	7.94	ppb
Calcium	43-1	256872.33	235264.36	215160.70	235765.80	8.85	ppb
Calcium	44-1	256986.20	234088.55	215682.57	235585.77	8.78	ppb
Chromium	52-2	541.24	466.77	463.35	490.45	8.97	ppb
Cobalt	59-2	532.78	462.83	458.40	484.67	8.61	ppb
Copper	63-2	1057.39	914.70	905.21	959.10	8.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	144343.94	124397.45	123274.33	130671.90	9.07	ppb
Iron	57-2	142341.46	124685.01	123258.85	130095.11	8.17	ppb
Krypton	83-1						cps
Lead	206-1	515.32	468.41	433.76	472.50	8.66	ppb
Lead	207-1	513.39	467.61	429.22	470.07	8.96	ppb
Lead	208-1	514.81	470.44	434.09	473.11	8.54	ppb
Lithium	6-1				90		%
Magnesium	24-2	285866.82	246614.07	245362.63	259281.18	8.88	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:30:02	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1066.04	924.88	915.79	968.90	8.69	ppb
Molybdenum	94-1	2536.18	2319.59	2147.89	2334.55	8.33	ppb
Molybdenum	95-1	2535.82	2308.03	2129.24	2324.36	8.77	ppb
Molybdenum	96-1	2531.18	2304.73	2134.58	2323.50	8.56	ppb
Molybdenum	97-1	2471.70	2253.85	2080.80	2268.78	8.63	ppb
Molybdenum	98-1	2514.06	2309.02	2132.58	2318.55	8.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.40	452.95	449.41	475.59	8.90	ppb
Phosphorus	31-2	11220.09	9461.72	9529.66	10070.49	9.89	ppb
Potassium	39-2	140010.07	120664.32	120297.18	126990.52	8.88	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	569.62	479.81	474.28	507.90	10.54	ppb
Selenium	78-2	544.44	465.96	463.43	491.28	9.38	ppb
Selenium	82-1	500.80	455.43	426.91	461.05	8.08	ppb
Silicon	28-1	689.15	650.55	612.01	650.57	5.93	ppb
Silver	109-1	534.90	488.55	447.08	490.18	8.96	ppb
Silver	107-1	537.43	488.27	447.31	491.00	9.19	ppb
Sodium	23-2	279069.54	241320.40	240401.54	253597.16	8.70	ppb
Strontium	86-1	505.58	462.08	425.95	464.54	8.58	ppb
Strontium	88-1	508.86	462.13	427.99	466.32	8.71	ppb
Sulfur	34-1	10476.55	8988.45	7917.08	9127.36	14.08	ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	513.29	468.75	434.72	472.25	8.34	ppb
Thallium	205-1	522.76	475.42	443.96	480.71	8.25	ppb
Thorium	232-1	513.80	470.77	435.85	473.47	8.25	ppb
Tin	118-1	510.64	461.02	423.65	465.10	9.38	ppb
Titanium	47-1	2554.24	2313.14	2136.93	2334.77	8.97	ppb
Uranium	238-1	514.95	474.05	437.80	475.60	8.12	ppb
Vanadium	51-2	551.42	476.91	472.17	500.17	8.89	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:30:02	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1069.51	932.30	919.74	973.85	8.53	ppb
Zirconium	90-1	513.90	464.97	431.23	470.03	8.84	ppb
Zirconium	91-1	507.38	457.17	428.45	464.33	8.60	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P7
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:36:57 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.91	0.80	0.90	0.87	7.11	ppb
Antimony	121-1	0.18	0.18	0.21	0.19	10.00	ppb
Arsenic	75-1	-0.05	0.00	0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.03	0.02	64.93	ppb
Barium	137-1	0.03	0.02	0.02	0.02	37.99	ppb
Beryllium	9-1	0.06	0.04	0.07	0.06	34.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	11.71	11.50	10.79	11.33	4.23	ppb
Boron	11-1	12.08	11.90	11.32	11.77	3.37	ppb
Cadmium	111-1	0.03	-0.03	-0.07	-0.02		ppb
Cadmium	106-1	0.35	-0.51	-1.18	-0.45		ppb
Cadmium	108-1	0.10	0.00	0.00	0.03	183.71	ppb
Calcium	43-1	5.03	0.23	1.84	2.37	103.13	ppb
Calcium	44-1	3.10	2.37	3.34	2.93	17.26	ppb
Chromium	52-2	-0.01	0.03	0.01	0.01	162.81	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.02	0.03	0.02	53.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	1.37	1.40	1.30	1.36	3.63	ppb
Iron	57-2	1.38	1.63	2.16	1.72	23.27	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	21.06	ppb
Lead	207-1	0.03	0.02	0.02	0.02	21.62	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.82	2.47	2.41	1.90	49.21	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P7
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:36:57 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.02	0.02	10.81	ppb
Molybdenum	94-1	0.21	0.21	0.13	0.18	24.43	ppb
Molybdenum	95-1	0.22	0.19	0.20	0.20	9.29	ppb
Molybdenum	96-1	0.24	0.19	0.16	0.20	22.23	ppb
Molybdenum	97-1	0.22	0.21	0.18	0.20	10.35	ppb
Molybdenum	98-1	0.24	0.20	0.18	0.21	16.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-15.96	-9.50	-9.55	-11.67		ppb
Potassium	39-2	-2.42	-1.80	-1.22	-1.81		ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	0.02	0.01	0.26	0.10	151.09	ppb
Selenium	82-1	-0.25	0.10	0.27	0.04	633.50	ppb
Silicon	28-1	0.19	0.44	0.23	0.29	47.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.83	ppb
Silver	107-1	0.02	0.02	0.01	0.01	32.50	ppb
Sodium	23-2	22.90	23.14	20.22	22.09	7.35	ppb
Strontium	86-1	-0.05	0.01	-0.06	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	24.81	ppb
Sulfur	34-1	-290.04	-365.00	-259.48	-304.84		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.49	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	17.45	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	8.93	ppb
Tin	118-1	0.10	0.10	0.13	0.11	18.74	ppb
Titanium	47-1	0.05	0.04	0.15	0.08	71.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	5.80	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	198.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:36:57	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.10	-0.14	-0.09		ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	16.46	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	22.71	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BS	Instrumnet Name :	P7
Client Sample ID :	PB119377BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:40:33	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9664.97	10256.27	9833.62	9918.29	3.07	ppb
Antimony	121-1	513.61	516.72	507.82	512.72	0.88	ppb
Arsenic	75-1	531.14	531.90	528.97	530.67	0.29	ppb
Barium	135-1	2550.69	2571.52	2536.18	2552.80	0.70	ppb
Barium	137-1	2590.84	2608.87	2578.92	2592.88	0.58	ppb
Beryllium	9-1	511.34	514.40	507.89	511.21	0.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	469.10	501.98	507.72	492.94	4.23	ppb
Boron	11-1	476.22	495.38	499.60	490.40	2.54	ppb
Cadmium	111-1	491.75	495.54	488.53	491.94	0.71	ppb
Cadmium	106-1	492.70	506.47	489.98	496.38	1.78	ppb
Cadmium	108-1	497.35	507.60	492.27	499.07	1.56	ppb
Calcium	43-1	51625.04	51676.23	51060.38	51453.88	0.66	ppb
Calcium	44-1	51143.74	51670.31	50750.77	51188.27	0.90	ppb
Chromium	52-2	490.66	519.39	497.88	502.65	2.97	ppb
Cobalt	59-2	492.39	526.43	499.96	506.26	3.53	ppb
Copper	63-2	912.66	968.25	921.62	934.18	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	26467.55	27988.54	26807.23	27087.77	2.95	ppb
Iron	57-2	26172.27	28041.72	26650.29	26954.76	3.60	ppb
Krypton	83-1						cps
Lead	206-1	495.21	498.49	491.45	495.05	0.71	ppb
Lead	207-1	490.38	498.46	489.35	492.73	1.01	ppb
Lead	208-1	496.95	502.35	496.54	498.61	0.65	ppb
Lithium	6-1				91		%
Magnesium	24-2	52191.73	54713.47	52690.24	53198.48	2.51	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BS	Instrumnet Name :	P7
Client Sample ID :	PB119377BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:40:33	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.85	1039.43	987.66	1001.31	3.34	ppb
Molybdenum	94-1	2534.74	2560.85	2524.86	2540.15	0.73	ppb
Molybdenum	95-1	2532.85	2557.55	2505.10	2531.83	1.04	ppb
Molybdenum	96-1	2526.70	2554.91	2523.09	2534.90	0.69	ppb
Molybdenum	97-1	2541.46	2549.84	2453.98	2515.09	2.11	ppb
Molybdenum	98-1	2524.99	2555.25	2522.46	2534.23	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.43	528.61	503.26	509.77	3.25	ppb
Phosphorus	31-2	9942.45	10670.59	10439.11	10350.72	3.59	ppb
Potassium	39-2	24892.21	26483.02	25144.69	25506.64	3.35	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	77-2	546.72	534.47	520.47	533.89	2.46	ppb
Selenium	78-2	509.44	539.43	511.33	520.07	3.23	ppb
Selenium	82-1	514.21	514.77	512.77	513.92	0.20	ppb
Silicon	28-1	560.83	568.39	564.69	564.64	0.67	ppb
Silver	109-1	498.64	502.03	496.25	498.97	0.58	ppb
Silver	107-1	502.09	502.30	495.61	500.00	0.76	ppb
Sodium	23-2	51015.49	53484.72	51052.73	51850.98	2.73	ppb
Strontium	86-1	506.31	507.14	502.05	505.17	0.54	ppb
Strontium	88-1	501.62	510.58	503.00	505.07	0.95	ppb
Sulfur	34-1	10111.27	10182.45	9861.27	10051.66	1.68	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	493.03	495.76	491.45	493.41	0.44	ppb
Thallium	205-1	502.24	506.80	499.11	502.72	0.77	ppb
Thorium	232-1	482.20	486.90	479.16	482.75	0.81	ppb
Tin	118-1	521.53	521.75	517.34	520.20	0.48	ppb
Titanium	47-1	2561.15	2562.44	2511.03	2544.88	1.15	ppb
Uranium	238-1	480.06	486.21	478.47	481.58	0.85	ppb
Vanadium	51-2	489.82	519.68	498.01	502.50	3.07	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BS	Instrumnet Name :	P7
Client Sample ID :	PB119377BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:40:33	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	904.19	962.51	909.31	925.34	3.49	ppb
Zirconium	90-1	505.05	511.46	505.13	507.21	0.72	ppb
Zirconium	91-1	499.97	508.48	497.77	502.07	1.13	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119375BL Instrumnet Name : P7
 Client Sample ID : PB119375BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:49:25 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.38	0.38	0.42	15.87	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	1.27	ppb
Arsenic	75-1	-0.11	0.00	-0.11	-0.07		ppb
Barium	135-1	0.02	0.06	0.02	0.04	53.57	ppb
Barium	137-1	0.04	0.06	0.05	0.05	30.05	ppb
Beryllium	9-1	0.05	0.07	0.07	0.06	22.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	8.41	9.83	8.79	9.01	8.14	ppb
Boron	11-1	9.28	8.90	8.78	8.99	2.95	ppb
Cadmium	111-1	0.01	0.03	-0.08	-0.01		ppb
Cadmium	106-1	-0.06	0.17	-1.22	-0.37		ppb
Cadmium	108-1	0.00	-0.04	0.03	0.00		ppb
Calcium	43-1	1.15	-0.93	2.72	0.98	187.37	ppb
Calcium	44-1	1.48	2.37	0.99	1.61	43.49	ppb
Chromium	52-2	-0.01	-0.02	0.02	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.01	-0.01	0.00	857.09	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				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	0.43	0.47	0.54	0.48	11.10	ppb
Iron	57-2	0.05	-0.28	0.43	0.07	506.28	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	23.63	ppb
Lead	207-1	0.02	0.01	0.02	0.02	23.22	ppb
Lead	208-1	0.01	0.01	0.02	0.01	21.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.44	0.17	0.29	0.01	6558.56	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119375BL Instrumnet Name : P7
 Client Sample ID : PB119375BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:49:25 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.01	0.01	0.02	96.21	ppb
Molybdenum	94-1	0.16	0.15	0.10	0.14	22.45	ppb
Molybdenum	95-1	0.14	0.15	0.15	0.14	3.12	ppb
Molybdenum	96-1	0.19	0.18	0.18	0.19	2.58	ppb
Molybdenum	97-1	0.12	0.20	0.16	0.16	25.74	ppb
Molybdenum	98-1	0.17	0.18	0.16	0.17	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.05	-0.03		ppb
Phosphorus	31-2	-29.04	-31.57	-29.19	-29.93		ppb
Potassium	39-2	-8.07	-3.68	-3.43	-5.06		ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	-0.42	-0.07	0.38	-0.04		ppb
Selenium	82-1	0.06	0.20	-0.05	0.07	186.56	ppb
Silicon	28-1	-0.26	-1.63	-1.22	-1.04		ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.26	ppb
Sodium	23-2	6.76	8.06	6.53	7.11	11.64	ppb
Strontium	86-1	0.02	-0.01	-0.02	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.38	ppb
Sulfur	34-1	-203.31	-325.88	-263.90	-264.36		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.04	14.06	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	11.88	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	3.14	ppb
Tin	118-1	0.04	0.03	0.02	0.03	27.39	ppb
Titanium	47-1	0.02	0.11	-0.04	0.03	235.87	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.88	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	96.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BL	Instrumnet Name :	P7
Client Sample ID :	PB119375BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:49:25	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.22	-0.21	-0.03	-0.15		ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	31.00	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	84.50	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BS	Instrumnet Name :	P7
Client Sample ID :	PB119375BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:53:01	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9858.42	9535.12	9712.25	9701.93	1.67	ppb
Antimony	121-1	513.90	498.14	511.66	507.90	1.68	ppb
Arsenic	75-1	527.82	512.45	527.22	522.49	1.67	ppb
Barium	135-1	2562.96	2491.13	2540.39	2531.49	1.45	ppb
Barium	137-1	2606.40	2514.49	2588.67	2569.85	1.90	ppb
Beryllium	9-1	512.04	496.96	508.17	505.73	1.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	479.77	480.38	503.91	488.02	2.82	ppb
Boron	11-1	484.49	481.75	503.41	489.88	2.41	ppb
Cadmium	111-1	493.73	479.52	495.18	489.48	1.77	ppb
Cadmium	106-1	495.91	482.09	500.87	492.96	1.97	ppb
Cadmium	108-1	504.03	486.00	493.93	494.65	1.83	ppb
Calcium	43-1	51843.49	49828.07	51129.65	50933.74	2.01	ppb
Calcium	44-1	51683.58	49686.25	51247.34	50872.39	2.06	ppb
Chromium	52-2	502.39	484.45	493.51	493.45	1.82	ppb
Cobalt	59-2	503.25	487.11	500.61	496.99	1.74	ppb
Copper	63-2	933.31	899.49	924.75	919.18	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	26876.86	26067.26	26784.80	26576.30	1.67	ppb
Iron	57-2	26593.53	25945.18	26469.25	26335.99	1.31	ppb
Krypton	83-1						cps
Lead	206-1	497.15	482.27	495.63	491.68	1.67	ppb
Lead	207-1	494.32	480.80	492.35	489.16	1.49	ppb
Lead	208-1	499.41	485.47	498.88	494.59	1.60	ppb
Lithium	6-1				91		%
Magnesium	24-2	52863.59	51092.45	52218.68	52058.24	1.72	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BS	Instrumnet Name :	P7
Client Sample ID :	PB119375BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:53:01	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.46	964.08	990.94	980.16	1.45	ppb
Molybdenum	94-1	2568.73	2470.29	2530.47	2523.16	1.97	ppb
Molybdenum	95-1	2559.92	2470.12	2527.36	2519.13	1.80	ppb
Molybdenum	96-1	2561.29	2458.15	2522.75	2514.06	2.07	ppb
Molybdenum	97-1	2550.11	2456.54	2446.65	2484.43	2.30	ppb
Molybdenum	98-1	2553.91	2471.29	2522.79	2516.00	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.42	492.46	507.42	503.44	1.91	ppb
Phosphorus	31-2	10261.09	9888.10	9994.75	10047.98	1.91	ppb
Potassium	39-2	25355.48	24456.39	25120.28	24977.38	1.87	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				93		%
Selenium	77-2	524.28	544.79	518.50	529.19	2.61	ppb
Selenium	78-2	500.23	481.57	517.23	499.68	3.57	ppb
Selenium	82-1	516.05	499.29	511.52	508.95	1.70	ppb
Silicon	28-1	555.88	536.36	560.96	551.07	2.36	ppb
Silver	109-1	500.69	484.94	495.80	493.81	1.63	ppb
Silver	107-1	498.95	483.83	494.55	492.44	1.58	ppb
Sodium	23-2	51555.89	49700.70	50850.57	50702.39	1.85	ppb
Strontium	86-1	509.38	487.18	499.83	498.80	2.23	ppb
Strontium	88-1	508.50	490.20	504.90	501.20	1.93	ppb
Sulfur	34-1	10167.22	9506.57	9997.59	9890.46	3.47	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	495.19	480.75	492.91	489.62	1.58	ppb
Thallium	205-1	506.52	491.72	504.49	500.91	1.60	ppb
Thorium	232-1	487.48	472.56	479.77	479.94	1.55	ppb
Tin	118-1	525.41	507.81	520.18	517.80	1.75	ppb
Titanium	47-1	2568.42	2453.03	2553.91	2525.12	2.49	ppb
Uranium	238-1	482.97	469.26	476.68	476.30	1.44	ppb
Vanadium	51-2	498.67	486.74	495.60	493.67	1.25	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BS	Instrumnet Name :	P7
Client Sample ID :	PB119375BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:53:01	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	918.45	891.86	916.93	909.08	1.64	ppb
Zirconium	90-1	513.25	488.95	508.85	503.68	2.57	ppb
Zirconium	91-1	509.97	484.79	502.96	499.24	2.60	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:05:53	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54922.99	48717.48	51102.33	51580.94	6.07	ppb
Antimony	121-1	521.95	496.24	487.98	502.06	3.53	ppb
Arsenic	75-1	536.90	512.57	495.12	514.86	4.08	ppb
Barium	135-1	2525.94	2385.73	2359.41	2423.69	3.69	ppb
Barium	137-1	2557.42	2414.97	2408.35	2460.24	3.42	ppb
Beryllium	9-1	497.23	475.32	469.36	480.64	3.05	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	510.41	497.53	496.20	501.38	1.56	ppb
Boron	11-1	511.10	497.65	496.16	501.64	1.64	ppb
Cadmium	111-1	517.73	492.41	484.58	498.24	3.48	ppb
Cadmium	106-1	513.84	493.83	487.34	498.34	2.77	ppb
Cadmium	108-1	524.07	501.10	497.64	507.60	2.83	ppb
Calcium	43-1	247910.84	237873.11	235590.61	240458.19	2.73	ppb
Calcium	44-1	249064.20	237322.06	234712.42	240366.22	3.18	ppb
Chromium	52-2	505.46	445.35	468.77	473.19	6.40	ppb
Cobalt	59-2	496.91	436.41	459.74	464.35	6.57	ppb
Copper	63-2	1032.25	904.59	961.10	965.98	6.62	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				102		%
Holmium	165-2				100		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	132614.05	115992.16	122722.32	123776.17	6.75	ppb
Iron	57-2	133207.90	115957.78	122827.42	123997.70	7.00	ppb
Krypton	83-1						cps
Lead	206-1	506.06	480.27	481.01	489.11	3.00	ppb
Lead	207-1	503.97	476.25	476.14	485.45	3.30	ppb
Lead	208-1	509.99	482.24	482.16	491.46	3.26	ppb
Lithium	6-1				96		%
Magnesium	24-2	264015.76	232693.29	244556.10	247088.38	6.40	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:05:53	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.02	880.93	931.79	938.91	6.59	ppb
Molybdenum	94-1	2517.87	2419.50	2383.27	2440.21	2.85	ppb
Molybdenum	95-1	2514.68	2417.89	2362.44	2431.67	3.17	ppb
Molybdenum	96-1	2516.58	2419.19	2348.19	2427.99	3.48	ppb
Molybdenum	97-1	2438.05	2347.43	2274.94	2353.48	3.47	ppb
Molybdenum	98-1	2510.73	2410.10	2338.61	2419.81	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.81	432.78	454.68	458.43	6.04	ppb
Phosphorus	31-2	10110.33	8877.57	9698.04	9561.98	6.56	ppb
Potassium	39-2	131435.90	116035.32	121719.04	123063.42	6.33	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				95		%
Selenium	77-2	550.72	476.20	489.20	505.37	7.88	ppb
Selenium	78-2	525.13	463.79	488.94	492.62	6.26	ppb
Selenium	82-1	505.60	483.78	473.23	487.54	3.39	ppb
Silicon	28-1	566.52	553.32	544.71	554.85	1.98	ppb
Silver	109-1	523.02	495.85	487.83	502.23	3.67	ppb
Silver	107-1	522.05	496.11	488.48	502.21	3.50	ppb
Sodium	23-2	262773.51	231630.99	242453.24	245619.24	6.44	ppb
Strontium	86-1	502.91	476.39	470.68	483.32	3.56	ppb
Strontium	88-1	503.09	481.54	472.38	485.67	3.25	ppb
Sulfur	34-1	9956.18	9324.75	9009.28	9430.07	5.11	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	506.86	479.53	477.16	487.85	3.38	ppb
Thallium	205-1	515.20	493.28	487.50	498.66	2.93	ppb
Thorium	232-1	515.10	486.99	481.45	494.51	3.65	ppb
Tin	118-1	507.20	479.25	471.30	485.92	3.88	ppb
Titanium	47-1	2520.86	2418.41	2372.41	2437.23	3.12	ppb
Uranium	238-1	514.13	483.77	480.04	492.65	3.80	ppb
Vanadium	51-2	511.48	452.64	475.70	479.94	6.18	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:05:53	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1003.67	884.41	933.91	940.66	6.37	ppb
Zirconium	90-1	508.41	484.96	478.09	490.49	3.24	ppb
Zirconium	91-1	502.52	479.76	471.19	484.49	3.34	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:13:40	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	0.75	0.95	1.01	30.02	ppb
Antimony	121-1	0.26	0.25	0.26	0.25	1.92	ppb
Arsenic	75-1	0.03	-0.12	0.02	-0.02		ppb
Barium	135-1	0.09	0.05	0.03	0.05	57.28	ppb
Barium	137-1	0.04	0.04	0.05	0.04	10.67	ppb
Beryllium	9-1	0.11	0.07	0.12	0.10	23.91	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	13.90	13.66	12.71	13.42	4.70	ppb
Boron	11-1	13.97	12.93	13.27	13.39	3.96	ppb
Cadmium	111-1	0.01	-0.06	0.04	0.00		ppb
Cadmium	106-1	-0.07	-1.27	0.34	-0.34		ppb
Cadmium	108-1	0.06	0.03	0.03	0.04	46.25	ppb
Calcium	43-1	1.96	5.27	2.26	3.16	57.98	ppb
Calcium	44-1	5.13	4.92	5.38	5.14	4.44	ppb
Chromium	52-2	-0.01	-0.02	0.02	0.00	13676.46	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	31.88	ppb
Copper	63-2	0.03	0.02	0.03	0.03	14.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	3.25	3.15	3.49	3.30	5.36	ppb
Iron	57-2	2.29	2.54	2.80	2.54	9.96	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	11.70	ppb
Lead	207-1	0.02	0.03	0.03	0.03	17.02	ppb
Lead	208-1	0.03	0.03	0.03	0.03	6.34	ppb
Lithium	6-1				111		%
Magnesium	24-2	4.65	5.06	5.80	5.17	11.25	ppb

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:13:40	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.04	0.05	0.04	30.23	ppb
Molybdenum	94-1	0.28	0.27	0.19	0.25	21.00	ppb
Molybdenum	95-1	0.25	0.25	0.25	0.25	1.52	ppb
Molybdenum	96-1	0.28	0.27	0.20	0.25	16.43	ppb
Molybdenum	97-1	0.26	0.26	0.20	0.24	13.96	ppb
Molybdenum	98-1	0.30	0.28	0.22	0.27	15.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-30.15	-30.17	-26.00	-28.78		ppb
Potassium	39-2	-3.32	-0.78	-0.18	-1.43		ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	0.20	-0.23	0.19	0.05	473.13	ppb
Selenium	82-1	0.30	0.18	0.17	0.21	34.55	ppb
Silicon	28-1	-0.46	-0.73	-1.09	-0.76		ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.70	ppb
Silver	107-1	0.02	0.03	0.03	0.03	10.31	ppb
Sodium	23-2	28.84	27.88	26.68	27.80	3.89	ppb
Strontium	86-1	0.03	0.01	0.00	0.01	113.80	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	18.14	ppb
Sulfur	34-1	-319.95	-405.53	-432.53	-386.00		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.10	0.10	0.10	3.17	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	4.16	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	2.91	ppb
Tin	118-1	0.09	0.07	0.08	0.08	15.94	ppb
Titanium	47-1	0.09	0.06	0.11	0.09	28.17	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	33.15	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	65.42	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:13:40	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.12	-0.01	-0.07		ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	15.41	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	36.21	ppb

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:07:29 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	25	11	114.58	cps
Antimony	121-1	42	33	58	44	28.65	cps
Arsenic	75-1	-338	-180	-166	-228	-41.96	cps
Barium	135-1	58	25	33	39	44.61	cps
Barium	137-1	50	33	58	47	26.97	cps
Beryllium	9-1	30	43	40	38	18.36	cps
Bismuth	209-1	6071222	6101226	6063822	6078757	0.33	cps
Bismuth	209-2	3812128	3832796	3819112	3821345	0.28	cps
Boron	10-1	175	108	158	147	23.57	cps
Boron	11-1	667	567	725	653	12.27	cps
Cadmium	111-1	1471	1385	1426	1428	3.01	cps
Cadmium	106-1	2084	1975	2042	2034	2.69	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	83	58	92	78	22.30	cps
Calcium	44-1	3592	4084	4143	3940	7.67	cps
Chromium	52-2	540	483	537	520	6.12	cps
Cobalt	59-2	53	60	47	53	12.50	cps
Copper	63-2	293	357	313	321	10.08	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	113	133	93	113	17.65	cps
Holmium	165-1	8802664	8904030	8853160	8853285	0.57	cps
Holmium	165-2	5012493	5061677	5000986	5025052	0.64	cps
Indium	115-1	6153119	6163617	6161547	6159428	0.09	cps
Indium	115-2	1434713	1444523	1441212	1440150	0.35	cps
Iron	56-2	2334	2228	2317	2293	2.48	cps
Iron	57-2	100	117	106	107	7.90	cps
Krypton	83-1	147	150	173	157	9.28	cps
Lead	206-1	189	183	217	196	9.10	cps
Lead	207-1	228	183	133	181	26.04	cps
Lead	208-1	833	789	878	833	5.33	cps
Lithium	6-1	2187932	2180153	2187224	2185103	0.20	cps
Magnesium	24-2	275	367	192	278	31.51	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:07:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	23	13	27	57.29	cps
Molybdenum	94-1	192	208	167	189	11.10	cps
Molybdenum	95-1	50	33	58	47	26.97	cps
Molybdenum	96-1	75	75	67	72	6.66	cps
Molybdenum	97-1	33	33	42	36	13.33	cps
Molybdenum	98-1	67	75	58	67	12.49	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	70	63	70	9.53	cps
Phosphorus	31-2	100	83	125	103	20.41	cps
Potassium	39-2	9503	9887	10021	9804	2.74	cps
Rhodium	103-1	5527525	5538887	5564524	5543645	0.34	cps
Rhodium	103-2	2758802	2775483	2782828	2772371	0.44	cps
Scandium	45-1	4061529	4064862	4034272	4053554	0.41	cps
Scandium	45-2	202116	202638	201601	202118	0.26	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	41	39	33	38	10.24	cps
Selenium	82-1	109	73	32	71	54.25	cps
Silicon	28-1	99069	102277	96586	99311	2.87	cps
Silver	109-1	50	25	33	36	35.25	cps
Silver	107-1	50	50	58	53	9.12	cps
Sodium	23-2	3584	3842	3667	3698	3.57	cps
Strontium	86-1	275	358	300	311	13.75	cps
Strontium	88-1	25	25	42	31	31.50	cps
Sulfur	34-1	147724	148669	146439	147611	0.76	cps
Terbium	159-1	9016689	9049017	9132386	9066031	0.66	cps
Terbium	159-2	4914830	4962947	4948917	4942231	0.50	cps
Thallium	203-1	158	192	117	156	24.16	cps
Thallium	205-1	333	208	267	269	23.21	cps
Thorium	232-1	72	94	139	102	33.33	cps
Tin	118-1	534	409	435	459	14.40	cps
Titanium	47-1	58	100	42	67	45.06	cps
Uranium	238-1	83	108	75	89	19.52	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	6581113	6591024	6610739	6594292	0.23	cps
Yttrium	89-2	1098883	1106921	1104786	1103530	0.38	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:07:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	267	240	213	240	11.11	cps
Zirconium	90-1	417	508	567	497	15.21	cps
Zirconium	91-1	108	100	92	100	8.33	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:15:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1634	1300	1392	1442	11.94	cps
Antimony	121-1	10738	10955	11105	10932	1.69	cps
Arsenic	75-1	1245	1472	936	1218	22.11	cps
Barium	135-1	16085	16110	16477	16224	1.35	cps
Barium	137-1	28430	28514	27645	28196	1.70	cps
Beryllium	9-1	1473	1393	1290	1386	6.63	cps
Bismuth	209-1	6039770	6028683	6053113	6040522	0.20	cps
Bismuth	209-2	3795931	3778183	3836174	3803430	0.78	cps
Boron	10-1	4851	4618	5126	4865	5.23	cps
Boron	11-1	21091	20940	21341	21124	0.96	cps
Cadmium	111-1	3087	2910	2877	2958	3.82	cps
Cadmium	106-1	2284	2059	2109	2150	5.50	cps
Cadmium	108-1	100	92	100	97	4.95	cps
Calcium	43-1	9812	9403	9812	9676	2.44	cps
Calcium	44-1	161262	161244	161169	161225	0.03	cps
Chromium	52-2	4427	4177	4241	4282	3.04	cps
Cobalt	59-2	2994	2924	2717	2878	5.00	cps
Copper	63-2	3904	3981	3961	3948	1.01	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	42	58	8	36	70.51	cps
Gadolinium	160-2	127	127	140	131	5.87	cps
Holmium	165-1	8838416	8768699	8727619	8778245	0.64	cps
Holmium	165-2	4942105	4951230	4990706	4961347	0.52	cps
Indium	115-1	6141035	6140630	6197428	6159698	0.53	cps
Indium	115-2	1434876	1432238	1436341	1434485	0.14	cps
Iron	56-2	86168	88276	88068	87504	1.33	cps
Iron	57-2	2272	2334	2245	2284	1.99	cps
Krypton	83-1	163	180	187	177	6.80	cps
Lead	206-1	5829	5918	5918	5889	0.87	cps
Lead	207-1	5412	5346	5407	5388	0.69	cps
Lead	208-1	24093	24376	23598	24022	1.64	cps
Lithium	6-1	2197694	2186281	2188000	2190658	0.28	cps
Magnesium	24-2	81597	81287	81052	81312	0.34	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:15:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1317	1293	1240	1283	3.06	cps
Molybdenum	94-1	12698	13115	13090	12967	1.80	cps
Molybdenum	95-1	15918	15960	15309	15729	2.32	cps
Molybdenum	96-1	17737	17336	17294	17456	1.40	cps
Molybdenum	97-1	9904	9845	9328	9693	3.27	cps
Molybdenum	98-1	24430	25540	25799	25256	2.88	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	817	757	787	787	3.81	cps
Phosphorus	31-2	200	233	242	225	9.80	cps
Potassium	39-2	90282	90342	88337	89653	1.27	cps
Rhodium	103-1	5467629	5423802	5418934	5436788	0.49	cps
Rhodium	103-2	2744314	2753920	2761792	2753342	0.32	cps
Scandium	45-1	4076301	4068175	4033106	4059194	0.57	cps
Scandium	45-2	201246	201984	203989	202406	0.70	cps
Selenium	77-2	30	40	33	34	14.78	cps
Selenium	78-2	161	146	150	152	5.06	cps
Selenium	82-1	689	578	626	631	8.79	cps
Silicon	28-1	138477	136881	136829	137396	0.68	cps
Silver	109-1	5476	5218	5610	5435	3.67	cps
Silver	107-1	5901	6027	5951	5960	1.06	cps
Sodium	23-2	157114	155851	154396	155787	0.87	cps
Strontium	86-1	2242	2334	2209	2261	2.86	cps
Strontium	88-1	17011	17728	17645	17461	2.25	cps
Sulfur	34-1	155310	151656	150394	152453	1.67	cps
Terbium	159-1	9078902	9027848	9061971	9056241	0.29	cps
Terbium	159-2	4888971	4853958	4882470	4875133	0.38	cps
Thallium	203-1	6769	6902	7010	6894	1.76	cps
Thallium	205-1	16836	16553	16586	16658	0.93	cps
Thorium	232-1	26789	26299	26060	26383	1.41	cps
Tin	118-1	27384	26603	26272	26753	2.13	cps
Titanium	47-1	4784	4843	4559	4729	3.17	cps
Uranium	238-1	25359	26519	26069	25982	2.25	cps
Vanadium	51-2	8172	7952	8373	8166	2.57	cps
Yttrium	89-1	6578045	6582227	6570989	6577087	0.09	cps
Yttrium	89-2	1100533	1101334	1104630	1102166	0.20	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:15:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	797	783	760	780	2.38	cps
Zirconium	90-1	10646	9962	10321	10310	3.32	cps
Zirconium	91-1	2375	2425	2100	2300	7.61	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:19:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74419	74762	73958	74380	0.54	cps
Antimony	121-1	308345	311053	307271	308890	0.63	cps
Arsenic	75-1	65749	64282	64469	64833	1.23	cps
Barium	135-1	435986	433343	433062	434130	0.37	cps
Barium	137-1	754414	749380	748940	750911	0.41	cps
Beryllium	9-1	72197	72395	72867	72486	0.47	cps
Bismuth	209-1	5614281	6027637	6012469	5884796	3.98	cps
Bismuth	209-2	3731508	3732672	3732245	3732142	0.02	cps
Boron	10-1	10779	10454	10888	10707	2.11	cps
Boron	11-1	44065	47175	46088	45776	3.45	cps
Cadmium	111-1	86072	85893	84794	85586	0.81	cps
Cadmium	106-1	11480	11739	11305	11508	1.90	cps
Cadmium	108-1	6452	6318	6443	6404	1.17	cps
Calcium	43-1	104149	101103	101454	102235	1.63	cps
Calcium	44-1	1669535	1669657	1665520	1668237	0.14	cps
Chromium	52-2	99409	99408	100456	99758	0.61	cps
Cobalt	59-2	149313	149513	148155	148994	0.49	cps
Copper	63-2	196362	199807	197163	197778	0.91	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	23	10	17	17	39.99	cps
Gadolinium	160-1	33	58	17	36	58.08	cps
Gadolinium	160-2	80	120	117	106	21.03	cps
Holmium	165-1	8136124	8813600	8743378	8564367	4.35	cps
Holmium	165-2	4884250	4883199	4869349	4878932	0.17	cps
Indium	115-1	5637223	6083936	5961969	5894376	3.92	cps
Indium	115-2	1371882	1369706	1374715	1372101	0.18	cps
Iron	56-2	4139820	4191154	4152062	4161012	0.64	cps
Iron	57-2	105325	105722	105158	105402	0.27	cps
Krypton	83-1	150	123	147	140	10.38	cps
Lead	206-1	312705	309472	313221	311799	0.65	cps
Lead	207-1	288121	283732	285532	285795	0.77	cps
Lead	208-1	1282851	1270005	1283529	1278795	0.60	cps
Lithium	6-1	2017937	2128181	2114953	2087024	2.88	cps
Magnesium	24-2	827662	827267	828559	827830	0.08	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:19:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127291	128552	128704	128182	0.60	cps
Molybdenum	94-1	657792	651705	646913	652136	0.84	cps
Molybdenum	95-1	797393	793917	787002	792771	0.67	cps
Molybdenum	96-1	881178	874926	870702	875602	0.60	cps
Molybdenum	97-1	494615	488126	489620	490787	0.69	cps
Molybdenum	98-1	1274614	1277556	1267272	1273148	0.42	cps
Neodymium	150-1	60	47	27	44	37.74	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	36830	37194	37652	37225	1.11	cps
Phosphorus	31-2	3767	3692	3767	3742	1.16	cps
Potassium	39-2	428374	430698	432355	430476	0.46	cps
Rhodium	103-1	4940530	5313848	5205688	5153355	3.73	cps
Rhodium	103-2	2632120	2651444	2629448	2637671	0.46	cps
Scandium	45-1	3684785	3950639	3887243	3840889	3.62	cps
Scandium	45-2	193046	193590	192952	193196	0.18	cps
Selenium	77-2	327	337	270	311	11.56	cps
Selenium	78-2	1139	1095	1094	1109	2.31	cps
Selenium	82-1	6012	6020	6077	6036	0.59	cps
Silicon	28-1	302087	300646	300436	301056	0.30	cps
Silver	109-1	372054	368908	370425	370462	0.42	cps
Silver	107-1	386647	392682	389041	389457	0.78	cps
Sodium	23-2	1589878	1592724	1588949	1590517	0.12	cps
Strontium	86-1	108474	107190	107434	107699	0.63	cps
Strontium	88-1	941102	945304	933198	939868	0.65	cps
Sulfur	34-1	189919	188155	183457	187177	1.78	cps
Terbium	159-1	8346116	9023264	8914875	8761418	4.15	cps
Terbium	159-2	4756033	4764507	4747004	4755848	0.18	cps
Thallium	203-1	376179	374615	375482	375425	0.21	cps
Thallium	205-1	904775	907677	909925	907459	0.28	cps
Thorium	232-1	1499056	1486454	1500889	1495467	0.53	cps
Tin	118-1	279687	280395	276259	278780	0.79	cps
Titanium	47-1	225463	224888	223196	224516	0.52	cps
Uranium	238-1	1484216	1469088	1477651	1476985	0.51	cps
Vanadium	51-2	81926	83793	82425	82715	1.17	cps
Yttrium	89-1	6022085	6467866	6419525	6303159	3.88	cps
Yttrium	89-2	1052914	1058435	1054696	1055348	0.27	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:19:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	32012	32192	32353	32186	0.53	cps
Zirconium	90-1	553129	552139	558074	554447	0.57	cps
Zirconium	91-1	124403	123788	124234	124142	0.26	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:23:23 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168472	166407	167133	167337	0.63	cps
Antimony	121-1	750742	745376	745477	747198	0.41	cps
Arsenic	75-1	153064	153762	152175	153000	0.52	cps
Barium	135-1	1049901	1056187	1038261	1048117	0.87	cps
Barium	137-1	1821878	1819370	1810487	1817245	0.33	cps
Beryllium	9-1	172313	169954	168366	170211	1.17	cps
Bismuth	209-1	5941828	5896103	5906341	5914757	0.41	cps
Bismuth	209-2	3644508	3677273	3625397	3649059	0.72	cps
Boron	10-1	24362	25322	25414	25033	2.33	cps
Boron	11-1	107362	110813	109899	109358	1.63	cps
Cadmium	111-1	200531	200971	199207	200236	0.46	cps
Cadmium	106-1	23896	22694	23345	23312	2.58	cps
Cadmium	108-1	15400	14720	14829	14983	2.44	cps
Calcium	43-1	242396	239812	235700	239303	1.41	cps
Calcium	44-1	3934657	3866459	3846466	3882527	1.19	cps
Chromium	52-2	226545	225937	225737	226073	0.19	cps
Cobalt	59-2	342725	339364	336796	339628	0.88	cps
Copper	63-2	447623	445613	440673	444636	0.80	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	17	58	58	44	54.12	cps
Erbium	164-2	27	27	10	21	45.58	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	93	123	120	112	14.65	cps
Holmium	165-1	8688009	8652555	8664597	8668387	0.21	cps
Holmium	165-2	4751512	4844588	4714425	4770175	1.41	cps
Indium	115-1	5783539	5764974	5741276	5763263	0.37	cps
Indium	115-2	1296564	1297296	1284371	1292743	0.56	cps
Iron	56-2	9453469	9364168	9292183	9369940	0.86	cps
Iron	57-2	239619	240186	237609	239138	0.57	cps
Krypton	83-1	183	110	187	160	27.08	cps
Lead	206-1	778554	777757	767826	774712	0.77	cps
Lead	207-1	719335	709736	706094	711722	0.96	cps
Lead	208-1	3200693	3171729	3165792	3179405	0.59	cps
Lithium	6-1	2034668	2020462	2004725	2019952	0.74	cps
Magnesium	24-2	1918863	1923038	1901219	1914373	0.60	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:23:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297327	293926	290825	294026	1.11	cps
Molybdenum	94-1	1556851	1548816	1529460	1545043	0.91	cps
Molybdenum	95-1	1887824	1864899	1871430	1874718	0.63	cps
Molybdenum	96-1	2105953	2079313	2069309	2084858	0.91	cps
Molybdenum	97-1	1192130	1181554	1175576	1183087	0.71	cps
Molybdenum	98-1	3057901	3039139	3014907	3037316	0.71	cps
Neodymium	150-1	100	87	87	91	8.45	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	86382	84049	83818	84750	1.67	cps
Phosphorus	31-2	8094	8653	8219	8322	3.52	cps
Potassium	39-2	973242	960085	950639	961322	1.18	cps
Rhodium	103-1	5017887	4972972	4951999	4980953	0.68	cps
Rhodium	103-2	2467096	2459898	2441369	2456121	0.54	cps
Scandium	45-1	3695421	3656180	3636909	3662837	0.81	cps
Scandium	45-2	177857	178207	175687	177250	0.77	cps
Selenium	77-2	687	590	683	653	8.40	cps
Selenium	78-2	2295	2422	2445	2387	3.39	cps
Selenium	82-1	14199	14040	13766	14002	1.57	cps
Silicon	28-1	560059	558800	552010	556956	0.78	cps
Silver	109-1	893217	880964	869496	881226	1.35	cps
Silver	107-1	927920	926744	912021	922228	0.96	cps
Sodium	23-2	3713487	3691821	3661629	3688979	0.71	cps
Strontium	86-1	257118	255050	253754	255307	0.66	cps
Strontium	88-1	2256413	2222239	2223690	2234114	0.86	cps
Sulfur	34-1	213651	213736	209503	212297	1.14	cps
Terbium	159-1	8885522	8829813	8781754	8832363	0.59	cps
Terbium	159-2	4716735	4742855	4711889	4723826	0.35	cps
Thallium	203-1	950663	939321	947312	945766	0.62	cps
Thallium	205-1	2285202	2259628	2233631	2259487	1.14	cps
Thorium	232-1	3786769	3795051	3763634	3781818	0.43	cps
Tin	118-1	679792	671846	667823	673154	0.90	cps
Titanium	47-1	530389	523034	518776	524067	1.12	cps
Uranium	238-1	3773007	3746788	3748742	3756179	0.39	cps
Vanadium	51-2	189938	189067	187016	188674	0.80	cps
Yttrium	89-1	6151256	6095170	6075215	6107214	0.65	cps
Yttrium	89-2	990718	986576	982820	986705	0.40	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:23:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	72867	72201	72030	72366	0.61	cps
Zirconium	90-1	1327343	1315817	1309044	1317401	0.70	cps
Zirconium	91-1	298264	298478	296557	297767	0.35	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:27:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297062	297018	298872	297650	0.36	cps
Antimony	121-1	1394118	1371850	1365837	1377269	1.08	cps
Arsenic	75-1	269645	266383	264810	266946	0.92	cps
Barium	135-1	1958012	1948626	1926270	1944303	0.84	cps
Barium	137-1	3408154	3355927	3344026	3369369	1.01	cps
Beryllium	9-1	297585	296063	291782	295143	1.02	cps
Bismuth	209-1	5775239	5724836	5762255	5754110	0.45	cps
Bismuth	209-2	3452131	3483643	3490779	3475518	0.59	cps
Boron	10-1	43873	45410	44642	44642	1.72	cps
Boron	11-1	192957	193497	195162	193872	0.59	cps
Cadmium	111-1	362294	364627	360432	362451	0.58	cps
Cadmium	106-1	41671	41428	39949	41016	2.27	cps
Cadmium	108-1	27151	27034	27026	27071	0.26	cps
Calcium	43-1	425749	412977	412060	416929	1.84	cps
Calcium	44-1	6821170	6716787	6648466	6728808	1.29	cps
Chromium	52-2	396241	395516	393572	395110	0.35	cps
Cobalt	59-2	596953	590242	588884	592026	0.73	cps
Copper	63-2	772766	775462	769550	772593	0.38	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	53	43	13	37	56.78	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	80	103	80	88	15.35	cps
Holmium	165-1	8346717	8355099	8359628	8353815	0.08	cps
Holmium	165-2	4620824	4622097	4620302	4621074	0.02	cps
Indium	115-1	5327480	5257393	5248567	5277813	0.82	cps
Indium	115-2	1176749	1180543	1187406	1181566	0.46	cps
Iron	56-2	16604132	16560311	16458321	16540921	0.45	cps
Iron	57-2	427021	423584	421996	424200	0.61	cps
Krypton	83-1	143	143	120	136	9.94	cps
Lead	206-1	1504115	1500856	1497764	1500912	0.21	cps
Lead	207-1	1378861	1372120	1375868	1375616	0.25	cps
Lead	208-1	6164239	6134383	6145103	6147909	0.25	cps
Lithium	6-1	1804852	1784504	1773457	1787604	0.89	cps
Magnesium	24-2	3374305	3377268	3347985	3366519	0.48	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:27:16 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	516451	518301	518319	517691	0.21	cps
Molybdenum	94-1	2803899	2782495	2754292	2780229	0.89	cps
Molybdenum	95-1	3393678	3365834	3324996	3361503	1.03	cps
Molybdenum	96-1	3771470	3731334	3720941	3741249	0.71	cps
Molybdenum	97-1	2142282	2119886	2089892	2117353	1.24	cps
Molybdenum	98-1	5490258	5437132	5389543	5438978	0.93	cps
Neodymium	150-1	160	200	140	167	18.33	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	145608	146396	145893	145966	0.27	cps
Phosphorus	31-2	14591	13773	14574	14313	3.26	cps
Potassium	39-2	1668027	1682760	1670289	1673692	0.47	cps
Rhodium	103-1	4463785	4435108	4416055	4438316	0.54	cps
Rhodium	103-2	2215352	2223216	2222364	2220311	0.19	cps
Scandium	45-1	3216941	3178640	3149947	3181843	1.06	cps
Scandium	45-2	158251	158443	157098	157931	0.46	cps
Selenium	77-2	1163	1287	1123	1191	7.15	cps
Selenium	78-2	4234	4225	4191	4217	0.53	cps
Selenium	82-1	24948	24478	24741	24722	0.95	cps
Silicon	28-1	882151	870607	863483	872080	1.08	cps
Silver	109-1	1590009	1575928	1562397	1576111	0.88	cps
Silver	107-1	1645868	1633074	1618581	1632508	0.84	cps
Sodium	23-2	6529658	6501849	6467262	6499590	0.48	cps
Strontium	86-1	464271	459991	456567	460276	0.84	cps
Strontium	88-1	4050326	4008014	3943464	4000601	1.35	cps
Sulfur	34-1	253528	247337	245498	248788	1.69	cps
Terbium	159-1	8424865	8390242	8417324	8410810	0.22	cps
Terbium	159-2	4460240	4503698	4500712	4488217	0.54	cps
Thallium	203-1	1822431	1818545	1814013	1818329	0.23	cps
Thallium	205-1	4339218	4339004	4338142	4338788	0.01	cps
Thorium	232-1	7560706	7525132	7523304	7536381	0.28	cps
Tin	118-1	1245185	1218205	1226427	1229939	1.12	cps
Titanium	47-1	917680	910928	896586	908398	1.19	cps
Uranium	238-1	7446725	7410457	7420734	7425972	0.25	cps
Vanadium	51-2	332893	333536	326647	331026	1.15	cps
Yttrium	89-1	5558415	5510241	5472734	5513797	0.78	cps
Yttrium	89-2	890464	897735	899615	895938	0.54	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:27:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127931	128042	127635	127869	0.16	cps
Zirconium	90-1	2383749	2350548	2325763	2353353	1.24	cps
Zirconium	91-1	537934	534764	528572	533756	0.89	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:31:07 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	565850	561921	565833	564535	0.40	cps
Antimony	121-1	2639057	2630068	2638733	2635952	0.19	cps
Arsenic	75-1	490849	490259	492974	491361	0.29	cps
Barium	135-1	3684527	3669664	3702268	3685486	0.44	cps
Barium	137-1	6464889	6457485	6550110	6490828	0.79	cps
Beryllium	9-1	547169	542239	542888	544099	0.49	cps
Bismuth	209-1	5634521	5601674	5505683	5580626	1.20	cps
Bismuth	209-2	3369101	3335334	3358245	3354227	0.51	cps
Boron	10-1	80850	83237	83833	82640	1.91	cps
Boron	11-1	352491	360936	365650	359692	1.85	cps
Cadmium	111-1	780036	771231	774783	775350	0.57	cps
Cadmium	106-1	83294	83296	83722	83437	0.30	cps
Cadmium	108-1	56504	57897	57600	57334	1.28	cps
Calcium	43-1	762740	768598	770801	767379	0.54	cps
Calcium	44-1	12537978	12500322	12514914	12517738	0.15	cps
Chromium	52-2	750848	748150	747977	748992	0.21	cps
Cobalt	59-2	1114669	1111099	1104036	1109935	0.49	cps
Copper	63-2	1549469	1566230	1558060	1557920	0.54	cps
Dysprosium	156-1	67	50	75	64	19.92	cps
Dysprosium	156-2	80	87	83	83	4.00	cps
Erbium	164-1	17	75	17	36	93.25	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	17	50	33	33	50.00	cps
Gadolinium	160-2	107	110	110	109	1.77	cps
Holmium	165-1	8183518	8184718	8012959	8127065	1.22	cps
Holmium	165-2	4520764	4494818	4488135	4501239	0.38	cps
Indium	115-1	5004368	4995471	4898137	4965992	1.19	cps
Indium	115-2	1123357	1109020	1121802	1118060	0.70	cps
Iron	56-2	31533551	31361235	31329758	31408181	0.35	cps
Iron	57-2	802721	802061	801791	802191	0.06	cps
Krypton	83-1	133	143	137	138	3.70	cps
Lead	206-1	2905567	2877994	2894464	2892675	0.48	cps
Lead	207-1	2689127	2664907	2687518	2680518	0.51	cps
Lead	208-1	12015689	11967026	12006743	11996486	0.22	cps
Lithium	6-1	1657319	1660788	1636417	1651508	0.80	cps
Magnesium	24-2	6526585	6457183	6435555	6473108	0.73	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:31:07	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	983057	991151	990215	988141	0.45	cps
Molybdenum	94-1	5287395	5246633	5292306	5275445	0.48	cps
Molybdenum	95-1	6392976	6358865	6379372	6377071	0.27	cps
Molybdenum	96-1	7104351	7073625	7118936	7098970	0.33	cps
Molybdenum	97-1	3905817	3931351	3927204	3921458	0.35	cps
Molybdenum	98-1	10321400	10282265	10318552	10307406	0.21	cps
Neodymium	150-1	313	347	300	320	7.51	cps
Neodymium	150-2	33	37	20	30	29.40	cps
Nickel	60-2	272379	271719	272419	272173	0.14	cps
Phosphorus	31-2	27543	26566	28645	27585	3.77	cps
Potassium	39-2	3192616	3191049	3191762	3191809	0.02	cps
Rhodium	103-1	4135112	4142403	4044787	4107434	1.32	cps
Rhodium	103-2	2096020	2086487	2089841	2090783	0.23	cps
Scandium	45-1	2946454	2957916	2882157	2928842	1.39	cps
Scandium	45-2	150939	149471	150663	150358	0.52	cps
Selenium	77-2	2490	2484	2327	2434	3.80	cps
Selenium	78-2	7873	7950	8000	7941	0.81	cps
Selenium	82-1	46327	46224	46834	46462	0.70	cps
Silicon	28-1	1512698	1521456	1527103	1520419	0.48	cps
Silver	109-1	3306680	3289573	3303295	3299849	0.27	cps
Silver	107-1	3420607	3413355	3432711	3422224	0.29	cps
Sodium	23-2	12615046	12470447	12459872	12515122	0.69	cps
Strontium	86-1	872588	861562	869832	867994	0.66	cps
Strontium	88-1	7589151	7599031	7627457	7605213	0.26	cps
Sulfur	34-1	363028	365293	363566	363962	0.33	cps
Terbium	159-1	8248809	8193401	8075171	8172460	1.09	cps
Terbium	159-2	4402137	4341249	4359203	4367530	0.72	cps
Thallium	203-1	3523760	3518369	3554751	3532293	0.56	cps
Thallium	205-1	8640181	8552685	8679484	8624117	0.75	cps
Thorium	232-1	15021032	14930612	15126169	15025937	0.65	cps
Tin	118-1	2332827	2313358	2339543	2328576	0.58	cps
Titanium	47-1	1664521	1663420	1673803	1667248	0.34	cps
Uranium	238-1	14932031	14888708	14955885	14925541	0.23	cps
Vanadium	51-2	629042	625975	632520	629179	0.52	cps
Yttrium	89-1	5210193	5235125	5146110	5197143	0.88	cps
Yttrium	89-2	858846	852434	856476	855918	0.38	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:31:07	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	260918	261944	259102	260655	0.55	cps
Zirconium	90-1	4419765	4405050	4416266	4413694	0.17	cps
Zirconium	91-1	1012626	1003014	995523	1003721	0.85	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:34:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1133604	1112564	1130628	1125599	1.01	cps
Antimony	121-1	5164140	5225922	5241033	5210365	0.78	cps
Arsenic	75-1	947367	943106	954001	948158	0.58	cps
Barium	135-1	7376901	7375242	7459349	7403831	0.65	cps
Barium	137-1	12945182	12936687	13024926	12968931	0.38	cps
Beryllium	9-1	1036480	1038842	1040438	1038587	0.19	cps
Bismuth	209-1	5456342	5545157	5510646	5504048	0.81	cps
Bismuth	209-2	3299056	3329407	3316590	3315017	0.46	cps
Boron	10-1	160005	164660	164376	163014	1.60	cps
Boron	11-1	689544	712353	716862	706253	2.07	cps
Cadmium	111-1	1376749	1377956	1381350	1378685	0.17	cps
Cadmium	106-1	149732	151189	150826	150582	0.50	cps
Cadmium	108-1	101976	102509	103419	102635	0.71	cps
Calcium	43-1	1508360	1514541	1533708	1518870	0.87	cps
Calcium	44-1	24708619	24683389	24765662	24719223	0.17	cps
Chromium	52-2	1474020	1487294	1496472	1485928	0.76	cps
Cobalt	59-2	2160704	2176532	2194589	2177275	0.78	cps
Copper	63-2	3045911	3066960	3082595	3065155	0.60	cps
Dysprosium	156-1	92	42	100	78	40.56	cps
Dysprosium	156-2	150	160	133	148	9.11	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	113	103	100	106	6.58	cps
Holmium	165-1	8103395	8255271	8222487	8193718	0.98	cps
Holmium	165-2	4553096	4578937	4549229	4560421	0.35	cps
Indium	115-1	4814603	4870928	4870274	4851935	0.67	cps
Indium	115-2	1095229	1103136	1100153	1099506	0.36	cps
Iron	56-2	62418417	62510382	62556279	62495026	0.11	cps
Iron	57-2	1569878	1585871	1592694	1582815	0.74	cps
Krypton	83-1	110	67	87	88	24.71	cps
Lead	206-1	5738561	5802440	5802318	5781106	0.64	cps
Lead	207-1	5319240	5394514	5387338	5367030	0.77	cps
Lead	208-1	23793529	24109159	24020912	23974534	0.68	cps
Lithium	6-1	1624230	1638698	1627347	1630092	0.47	cps
Magnesium	24-2	12844844	12829821	12922069	12865578	0.38	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:34:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1952272	1956787	1971896	1960318	0.52	cps
Molybdenum	94-1	10396206	10478377	10489349	10454644	0.49	cps
Molybdenum	95-1	12602900	12658835	12705109	12655615	0.40	cps
Molybdenum	96-1	14067400	14151296	14107309	14108668	0.30	cps
Molybdenum	97-1	7957007	7987461	7998614	7981027	0.27	cps
Molybdenum	98-1	20364655	20506127	20545852	20472211	0.47	cps
Neodymium	150-1	507	453	527	496	7.65	cps
Neodymium	150-2	43	67	70	60	24.22	cps
Nickel	60-2	529535	530475	533106	531039	0.35	cps
Phosphorus	31-2	55663	53580	54760	54668	1.91	cps
Potassium	39-2	6329702	6280003	6358739	6322815	0.63	cps
Rhodium	103-1	3961712	3988406	3948009	3966042	0.52	cps
Rhodium	103-2	2043197	2065854	2056326	2055126	0.55	cps
Scandium	45-1	2878046	2893920	2885576	2885847	0.28	cps
Scandium	45-2	151038	151620	150370	151009	0.41	cps
Selenium	77-2	4354	4561	4324	4413	2.92	cps
Selenium	78-2	15345	15786	15571	15568	1.42	cps
Selenium	82-1	88636	89116	88769	88840	0.28	cps
Silicon	28-1	2802844	2815550	2817473	2811955	0.28	cps
Silver	109-1	5899151	5955794	5949570	5934838	0.52	cps
Silver	107-1	6120811	6189214	6203644	6171223	0.72	cps
Sodium	23-2	24941934	24978512	25104751	25008399	0.34	cps
Strontium	86-1	1706512	1719486	1717224	1714407	0.40	cps
Strontium	88-1	14993187	15099397	15182898	15091827	0.63	cps
Sulfur	34-1	597586	597038	602418	599014	0.49	cps
Terbium	159-1	8150840	8244977	8269139	8221652	0.76	cps
Terbium	159-2	4381627	4410540	4419416	4403861	0.45	cps
Thallium	203-1	7094858	7135658	7195019	7141845	0.71	cps
Thallium	205-1	17039194	17247173	17333276	17206548	0.88	cps
Thorium	232-1	30559323	30681247	30796347	30678972	0.39	cps
Tin	118-1	4568884	4543293	4578143	4563440	0.40	cps
Titanium	47-1	3299125	3285532	3275991	3286882	0.35	cps
Uranium	238-1	30334692	30286060	30205240	30275331	0.22	cps
Vanadium	51-2	1250545	1254430	1256898	1253958	0.26	cps
Yttrium	89-1	5123197	5148765	5166762	5146241	0.43	cps
Yttrium	89-2	857794	859356	854619	857257	0.28	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:34:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	506868	508372	513806	509682	0.72	cps
Zirconium	90-1	8877339	8939797	8948978	8922038	0.44	cps
Zirconium	91-1	1964260	1965328	1980913	1970167	0.47	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:38:42 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6322066	6398283	6484155	6401501	1.27	cps
Antimony	121-1	7794	7903	8094	7930	1.92	cps
Arsenic	75-1	1616	1371	1376	1454	9.63	cps
Barium	135-1	1934	1775	1542	1750	11.26	cps
Barium	137-1	3242	3217	2634	3031	11.36	cps
Beryllium	9-1	443	390	363	399	10.21	cps
Bismuth	209-1	4729388	4783310	4821913	4778204	0.97	cps
Bismuth	209-2	2949709	2955546	2978034	2961096	0.51	cps
Boron	10-1	9754	9470	8878	9367	4.77	cps
Boron	11-1	41742	39277	36102	39041	7.24	cps
Cadmium	111-1	1536	1431	1637	1535	6.74	cps
Cadmium	106-1	1759	1684	1975	1806	8.39	cps
Cadmium	108-1	17	21	29	22	28.64	cps
Calcium	43-1	7926906	8065229	8278437	8090191	2.19	cps
Calcium	44-1	129726686	131763420	135000682	132163596	2.01	cps
Chromium	52-2	12455	12285	12636	12459	1.41	cps
Cobalt	59-2	27199	27923	28191	27771	1.85	cps
Copper	63-2	4081	3991	3941	4004	1.77	cps
Dysprosium	156-1	92	75	50	72	29.04	cps
Dysprosium	156-2	53	30	33	39	32.45	cps
Erbium	164-1	50	42	92	61	43.83	cps
Erbium	164-2	13	27	27	22	34.66	cps
Gadolinium	160-1	83	50	100	78	32.73	cps
Gadolinium	160-2	150	110	123	128	15.94	cps
Holmium	165-1	7800089	7857672	7958831	7872197	1.02	cps
Holmium	165-2	4465865	4510051	4522837	4499584	0.66	cps
Indium	115-1	4634614	4693268	4850632	4726172	2.36	cps
Indium	115-2	1130657	1147953	1150850	1143153	0.96	cps
Iron	56-2	322152596	325848118	327635818	325212178	0.86	cps
Iron	57-2	8135646	8240622	8280330	8218866	0.91	cps
Krypton	83-1	163	127	180	157	17.41	cps
Lead	206-1	6546	6029	6307	6294	4.11	cps
Lead	207-1	5546	5568	5507	5540	0.56	cps
Lead	208-1	25866	24899	25822	25529	2.14	cps
Lithium	6-1	1699966	1746192	1794022	1746727	2.69	cps
Magnesium	24-2	67892572	68741027	68695035	68442878	0.70	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:38:42	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8516	8332	8826	8558	2.92	cps
Molybdenum	94-1	6919	6677	6393	6663	3.95	cps
Molybdenum	95-1	9128	9720	8761	9203	5.26	cps
Molybdenum	96-1	12648	11972	13031	12550	4.27	cps
Molybdenum	97-1	5835	5918	5801	5851	1.03	cps
Molybdenum	98-1	14933	13949	13557	14146	5.01	cps
Neodymium	150-1	140	160	140	147	7.87	cps
Neodymium	150-2	53	40	50	48	14.52	cps
Nickel	60-2	7345	7362	7062	7256	2.32	cps
Phosphorus	31-2	117	183	142	147	22.88	cps
Potassium	39-2	34897709	35306567	35464144	35222807	0.83	cps
Rhodium	103-1	3694157	3768297	3856618	3773024	2.16	cps
Rhodium	103-2	1981405	2012824	2016389	2003539	0.96	cps
Scandium	45-1	3064563	3137254	3216761	3139526	2.42	cps
Scandium	45-2	166571	168415	169119	168035	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	28	39	38	26.65	cps
Selenium	82-1	56	123	53	77	50.58	cps
Silicon	28-1	107090	109062	109541	108564	1.20	cps
Silver	109-1	817	617	700	711	14.13	cps
Silver	107-1	1058	883	708	883	19.81	cps
Sodium	23-2	135224074	136046366	137339907	136203449	0.78	cps
Strontium	86-1	7702	7719	7402	7608	2.34	cps
Strontium	88-1	65768	66153	65952	65958	0.29	cps
Sulfur	34-1	109080	112968	113774	111941	2.24	cps
Terbium	159-1	7824802	7916470	8010351	7917208	1.17	cps
Terbium	159-2	4340761	4365501	4385941	4364068	0.52	cps
Thallium	203-1	2342	2167	1925	2145	9.76	cps
Thallium	205-1	5927	5218	4776	5307	10.94	cps
Thorium	232-1	8564	7219	6407	7397	14.73	cps
Tin	118-1	4240	4000	3788	4009	5.65	cps
Titanium	47-1	1959	1975	1750	1895	6.62	cps
Uranium	238-1	5268	5093	3667	4676	18.78	cps
Vanadium	51-2	297	250	250	266	10.14	cps
Yttrium	89-1	5074918	5178735	5322261	5191971	2.39	cps
Yttrium	89-2	904316	915944	919207	913156	0.86	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:38:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4507	4351	4404	4421	1.80	cps
Zirconium	90-1	3509	3025	3276	3270	7.39	cps
Zirconium	91-1	800	767	758	775	2.84	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:52:35 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37072	37874	37523	37490	1.07	cps
Antimony	121-1	1238234	1221376	1218500	1226037	0.87	cps
Arsenic	75-1	264801	254312	256757	258623	2.12	cps
Barium	135-1	178025	176278	172238	175514	1.69	cps
Barium	137-1	309095	303457	301678	304743	1.27	cps
Beryllium	9-1	145068	141114	139910	142030	1.90	cps
Bismuth	209-1	6355519	6333466	6298949	6329311	0.45	cps
Bismuth	209-2	3803106	3819250	3777962	3800106	0.55	cps
Boron	10-1	105592	109604	110065	108420	2.27	cps
Boron	11-1	463998	474632	480399	473010	1.76	cps
Cadmium	111-1	176755	174142	174703	175200	0.79	cps
Cadmium	106-1	35095	33925	33925	34315	1.97	cps
Cadmium	108-1	19985	19334	19297	19539	1.98	cps
Calcium	43-1	46524	46107	45830	46154	0.76	cps
Calcium	44-1	728067	708195	697622	711295	2.17	cps
Chromium	52-2	191256	191394	189984	190878	0.41	cps
Cobalt	59-2	289341	287825	284715	287293	0.82	cps
Copper	63-2	192262	187963	189996	190073	1.13	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	33	75	50	53	39.74	cps
Erbium	164-2	23	47	47	39	34.65	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	90	100	117	102	13.18	cps
Holmium	165-1	9159917	9107735	9026893	9098182	0.74	cps
Holmium	165-2	4997895	4950778	4905906	4951527	0.93	cps
Indium	115-1	6170879	6111757	5994953	6092530	1.47	cps
Indium	115-2	1356996	1362867	1350118	1356660	0.47	cps
Iron	56-2	1653992	1644405	1636744	1645047	0.53	cps
Iron	57-2	41420	40946	41615	41327	0.83	cps
Krypton	83-1	133	150	177	153	14.25	cps
Lead	206-1	1325270	1318128	1306177	1316525	0.73	cps
Lead	207-1	1171208	1165881	1164648	1167246	0.30	cps
Lead	208-1	5329357	5308166	5282758	5306760	0.44	cps
Lithium	6-1	2244980	2211183	2178799	2211654	1.50	cps
Magnesium	24-2	198293	200616	198294	199068	0.67	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:52:35 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	122985	121698	122149	122277	0.53	cps
Molybdenum	94-1	6749718	6676890	6616478	6681029	1.00	cps
Molybdenum	95-1	8175198	8028875	7978273	8060782	1.27	cps
Molybdenum	96-1	9072048	8970375	8871517	8971314	1.12	cps
Molybdenum	97-1	5123598	5022933	5004388	5050306	1.27	cps
Molybdenum	98-1	13131006	12918370	12824014	12957797	1.21	cps
Neodymium	150-1	40	0	7	16	137.75	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	73218	72438	72421	72692	0.63	cps
Phosphorus	31-2	117	83	100	100	16.66	cps
Potassium	39-2	332418	329126	331203	330916	0.50	cps
Rhodium	103-1	5405977	5325384	5260264	5330541	1.37	cps
Rhodium	103-2	2631166	2625093	2596105	2617454	0.72	cps
Scandium	45-1	4042764	3953031	3884042	3959946	2.01	cps
Scandium	45-2	191455	193483	188567	191168	1.29	cps
Selenium	77-2	1170	1187	1197	1185	1.14	cps
Selenium	78-2	4006	4251	4002	4086	3.48	cps
Selenium	82-1	23748	23425	22929	23367	1.76	cps
Silicon	28-1	2089394	2047058	2037675	2058042	1.34	cps
Silver	109-1	753659	744725	732988	743791	1.39	cps
Silver	107-1	784914	779995	766479	777129	1.23	cps
Sodium	23-2	639120	635197	638148	637488	0.32	cps
Strontium	86-1	1178145	1151873	1150341	1160119	1.35	cps
Strontium	88-1	10369552	10189090	10141990	10233544	1.17	cps
Sulfur	34-1	139118	135957	130249	135108	3.33	cps
Terbium	159-1	9382553	9300016	9174535	9285701	1.13	cps
Terbium	159-2	4886654	4814578	4778946	4826726	1.14	cps
Thallium	203-1	1605083	1593760	1586026	1594957	0.60	cps
Thallium	205-1	3818369	3812582	3763672	3798208	0.79	cps
Thorium	232-1	16201899	16201482	16124528	16175970	0.28	cps
Tin	118-1	2859834	2817692	2785873	2821133	1.32	cps
Titanium	47-1	2208694	2171962	2134857	2171838	1.70	cps
Uranium	238-1	16015304	16016030	15934621	15988652	0.29	cps
Vanadium	51-2	158339	157733	156894	157655	0.46	cps
Yttrium	89-1	6591501	6519569	6436475	6515848	1.19	cps
Yttrium	89-2	1053806	1049124	1035186	1046039	0.93	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:52:35	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63273	61911	60569	61918	2.18	cps
Zirconium	90-1	5799633	5746728	5692611	5746324	0.93	cps
Zirconium	91-1	1285035	1260197	1255627	1266953	1.25	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 13:56:12 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	17	53	63.81	cps
Antimony	121-1	1158	1025	1200	1128	8.11	cps
Arsenic	75-1	-10	-399	-158	-189	-103.83	cps
Barium	135-1	25	58	58	47	40.76	cps
Barium	137-1	167	150	100	139	24.98	cps
Beryllium	9-1	150	140	163	151	7.75	cps
Bismuth	209-1	6269745	6286924	6334111	6296927	0.53	cps
Bismuth	209-2	3830318	3854546	3836262	3840375	0.33	cps
Boron	10-1	7185	6393	5993	6524	9.30	cps
Boron	11-1	29672	28737	25915	28108	6.96	cps
Cadmium	111-1	1307	1481	1637	1475	11.19	cps
Cadmium	106-1	1809	2059	2284	2050	11.59	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	167	108	92	122	32.22	cps
Calcium	44-1	4534	4684	4509	4576	2.07	cps
Chromium	52-2	517	497	563	526	6.51	cps
Cobalt	59-2	60	40	53	51	19.92	cps
Copper	63-2	473	290	360	374	24.71	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	8	58	33	33	75.02	cps
Gadolinium	160-2	127	110	137	124	10.83	cps
Holmium	165-1	8931166	9026446	9031865	8996492	0.63	cps
Holmium	165-2	5015893	5063965	5011330	5030396	0.58	cps
Indium	115-1	6130487	6151436	6158577	6146833	0.24	cps
Indium	115-2	1414555	1426684	1432574	1424604	0.64	cps
Iron	56-2	3534	3334	3506	3458	3.13	cps
Iron	57-2	194	122	100	139	35.55	cps
Krypton	83-1	133	130	147	137	6.45	cps
Lead	206-1	594	494	456	515	13.92	cps
Lead	207-1	444	550	333	443	24.48	cps
Lead	208-1	2200	2000	1800	2000	10.00	cps
Lithium	6-1	2179305	2188353	2194888	2187516	0.36	cps
Magnesium	24-2	400	383	342	375	8.01	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:56:12	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	43	60	58	23.32	cps
Molybdenum	94-1	2250	1934	1825	2003	11.03	cps
Molybdenum	95-1	3025	2434	2525	2661	11.97	cps
Molybdenum	96-1	3109	2725	2617	2817	9.17	cps
Molybdenum	97-1	1775	1542	1375	1564	12.85	cps
Molybdenum	98-1	4843	4117	3459	4140	16.72	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	77	80	81	6.28	cps
Phosphorus	31-2	125	92	183	133	34.80	cps
Potassium	39-2	9854	9103	9137	9364	4.53	cps
Rhodium	103-1	5303108	5313234	5330605	5315649	0.26	cps
Rhodium	103-2	2720016	2744065	2739880	2734654	0.47	cps
Scandium	45-1	3922564	3940537	3951169	3938090	0.37	cps
Scandium	45-2	198872	201591	201229	200564	0.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	35	44	37	18.02	cps
Selenium	82-1	54	114	87	85	35.34	cps
Silicon	28-1	109633	107912	106376	107974	1.51	cps
Silver	109-1	342	183	192	239	37.30	cps
Silver	107-1	258	200	225	228	12.85	cps
Sodium	23-2	6860	6835	6160	6618	6.00	cps
Strontium	86-1	492	433	392	439	11.44	cps
Strontium	88-1	1867	1383	1283	1511	20.64	cps
Sulfur	34-1	138421	137043	137304	137589	0.53	cps
Terbium	159-1	9210887	9190348	9212682	9204639	0.13	cps
Terbium	159-2	4929238	4940030	4937733	4935667	0.12	cps
Thallium	203-1	833	867	742	814	7.95	cps
Thallium	205-1	1959	1884	1675	1839	7.98	cps
Thorium	232-1	5485	4456	3990	4644	16.47	cps
Tin	118-1	1790	1554	1499	1614	9.57	cps
Titanium	47-1	408	433	400	414	4.19	cps
Uranium	238-1	2867	2150	1850	2289	22.82	cps
Vanadium	51-2	30	0	7	12	128.87	cps
Yttrium	89-1	6464029	6506430	6497338	6489266	0.34	cps
Yttrium	89-2	1089951	1100394	1090955	1093767	0.53	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 13:56:12	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	313	327	333	324	3.14	cps
Zirconium	90-1	1600	1333	1217	1383	14.20	cps
Zirconium	91-1	325	275	183	261	27.52	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:03:26 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5868966	5906559	5937827	5904450	0.58	cps
Antimony	121-1	8003	7461	7186	7550	5.51	cps
Arsenic	75-1	1468	1496	1376	1447	4.34	cps
Barium	135-1	2484	2342	2409	2411	2.94	cps
Barium	137-1	3759	4101	4001	3953	4.44	cps
Beryllium	9-1	453	360	400	404	11.58	cps
Bismuth	209-1	5653564	5657757	5631056	5647459	0.25	cps
Bismuth	209-2	3696865	3137013	3350320	3394733	8.32	cps
Boron	10-1	2100	1734	1809	1881	10.30	cps
Boron	11-1	9061	8228	8228	8505	5.66	cps
Cadmium	111-1	1760	1855	1899	1838	3.88	cps
Cadmium	106-1	1667	1717	1742	1709	2.24	cps
Cadmium	108-1	1379	1400	1267	1349	5.32	cps
Calcium	43-1	1707785	1705607	1722885	1712092	0.55	cps
Calcium	44-1	27762717	28043013	28193832	27999854	0.78	cps
Chromium	52-2	34026	34818	34567	34470	1.17	cps
Cobalt	59-2	2964	3130	3187	3094	3.75	cps
Copper	63-2	12632	12395	13263	12763	3.51	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	20	20	23	21	9.11	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	10	23	27	20	44.10	cps
Gadolinium	160-1	108	75	33	72	52.04	cps
Gadolinium	160-2	147	147	130	141	6.82	cps
Holmium	165-1	8680713	8706278	8708621	8698538	0.18	cps
Holmium	165-2	5233381	4404451	4653738	4763857	8.93	cps
Indium	115-1	5443003	5469579	5450528	5454370	0.25	cps
Indium	115-2	1364979	1160904	1227832	1251239	8.31	cps
Iron	56-2	138607073	140524245	140949220	140026846	0.89	cps
Iron	57-2	3490801	3571809	3563344	3541985	1.26	cps
Krypton	83-1	107	157	113	126	21.62	cps
Lead	206-1	27457	27301	28292	27683	1.93	cps
Lead	207-1	21930	22302	22119	22117	0.84	cps
Lead	208-1	105968	105409	105676	105684	0.26	cps
Lithium	6-1	1867179	1870175	1868298	1868550	0.08	cps
Magnesium	24-2	14268175	14535921	14446605	14416900	0.95	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:03:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8723	8666	8896	8762	1.37	cps
Molybdenum	94-1	3019394	3038096	3045601	3034364	0.44	cps
Molybdenum	95-1	5411396	5433917	5463289	5436200	0.48	cps
Molybdenum	96-1	5783901	5818999	5857149	5820016	0.63	cps
Molybdenum	97-1	3304878	3338349	3352579	3331935	0.73	cps
Molybdenum	98-1	8722183	8815426	8815999	8784536	0.61	cps
Neodymium	150-1	53	53	13	40	57.74	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	3360	3360	3327	3349	0.57	cps
Phosphorus	31-2	298728	301634	303098	301153	0.74	cps
Potassium	39-2	14097377	14322249	14342256	14253961	0.95	cps
Rhodium	103-1	4448992	4444082	4435537	4442870	0.15	cps
Rhodium	103-2	2518185	2125861	2244065	2296037	8.77	cps
Scandium	45-1	3399351	3385323	3413277	3399317	0.41	cps
Scandium	45-2	192885	163717	170418	175673	8.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	31	37	33	11.79	cps
Selenium	82-1	93	52	87	77	28.72	cps
Silicon	28-1	148917	149271	148792	148993	0.17	cps
Silver	109-1	225	375	317	306	24.75	cps
Silver	107-1	283	433	342	353	21.43	cps
Sodium	23-2	27810130	28190036	28143160	28047775	0.74	cps
Strontium	86-1	64453	64303	64847	64534	0.44	cps
Strontium	88-1	562266	565490	566893	564883	0.42	cps
Sulfur	34-1	2857744	2867022	2874757	2866508	0.30	cps
Terbium	159-1	8774144	8808844	8800155	8794381	0.21	cps
Terbium	159-2	5072658	4283052	4592811	4649507	8.56	cps
Thallium	203-1	1583	1550	1792	1642	7.98	cps
Thallium	205-1	3767	4017	4101	3962	4.38	cps
Thorium	232-1	1317	1278	1283	1293	1.63	cps
Tin	118-1	2035	1783	1827	1882	7.16	cps
Titanium	47-1	1502030	1517879	1509536	1509815	0.53	cps
Uranium	238-1	600	575	842	672	21.91	cps
Vanadium	51-2	233	310	247	263	15.56	cps
Yttrium	89-1	5842397	5846856	5872312	5853855	0.28	cps
Yttrium	89-2	1071648	910505	961993	981382	8.39	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:03:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3140	3080	3204	3141	1.96	cps
Zirconium	90-1	633	1000	758	797	23.38	cps
Zirconium	91-1	233	100	117	150	48.43	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:07:04	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5854870	5912967	5833832	5867223	0.70	cps
Antimony	121-1	119118	116462	115328	116969	1.66	cps
Arsenic	75-1	24178	24016	23965	24053	0.46	cps
Barium	135-1	34594	33926	35003	34508	1.58	cps
Barium	137-1	60047	59805	59754	59869	0.26	cps
Beryllium	9-1	24363	24219	24296	24293	0.30	cps
Bismuth	209-1	5256243	5906493	5817965	5660234	6.23	cps
Bismuth	209-2	3256694	3119226	3440068	3271996	4.92	cps
Boron	10-1	11563	11230	11596	11463	1.77	cps
Boron	11-1	48855	49382	49708	49315	0.87	cps
Cadmium	111-1	30319	29820	29596	29911	1.24	cps
Cadmium	106-1	5635	5735	5751	5707	1.11	cps
Cadmium	108-1	3430	3605	3738	3591	4.31	cps
Calcium	43-1	1743797	1737295	1723245	1734779	0.61	cps
Calcium	44-1	28387798	28265653	28246927	28300126	0.27	cps
Chromium	52-2	67832	67815	67644	67764	0.15	cps
Cobalt	59-2	52454	53250	52333	52679	0.95	cps
Copper	63-2	45467	44618	45230	45105	0.97	cps
Dysprosium	156-1	8	33	67	36	81.06	cps
Dysprosium	156-2	13	13	23	17	34.65	cps
Erbium	164-1	67	100	58	75	29.40	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	58	58	25	47	40.76	cps
Gadolinium	160-2	83	100	160	114	35.23	cps
Holmium	165-1	8140528	9108655	9044404	8764529	6.18	cps
Holmium	165-2	4630912	4447267	4777915	4618698	3.59	cps
Indium	115-1	5088872	5694155	5651312	5478113	6.17	cps
Indium	115-2	1204725	1138054	1260608	1201129	5.11	cps
Iron	56-2	139492264	140949400	138748659	139730108	0.80	cps
Iron	57-2	3507891	3550451	3535900	3531414	0.61	cps
Krypton	83-1	133	133	153	140	8.25	cps
Lead	206-1	152036	150765	149580	150794	0.81	cps
Lead	207-1	127505	127017	126395	126972	0.44	cps
Lead	208-1	590650	588010	586464	588374	0.36	cps
Lithium	6-1	1769146	1944518	1922632	1878766	5.09	cps
Magnesium	24-2	14369647	14439925	14264879	14358150	0.61	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:07:04	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30415	30779	30298	30497	0.82	cps
Molybdenum	94-1	3383478	3387543	3369733	3380251	0.28	cps
Molybdenum	95-1	5657021	5616347	5649453	5640940	0.38	cps
Molybdenum	96-1	6060595	6045483	6068221	6058100	0.19	cps
Molybdenum	97-1	3476908	3432376	3449197	3452827	0.65	cps
Molybdenum	98-1	9118692	9079168	9078874	9092245	0.25	cps
Neodymium	150-1	60	47	33	47	28.58	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	15108	15548	15709	15455	2.01	cps
Phosphorus	31-2	298984	307050	299109	301715	1.53	cps
Potassium	39-2	14231138	14252712	14128619	14204156	0.47	cps
Rhodium	103-1	4171270	4670564	4636796	4492877	6.21	cps
Rhodium	103-2	2224902	2084311	2324345	2211186	5.45	cps
Scandium	45-1	3180068	3548829	3520767	3416554	6.01	cps
Scandium	45-2	170496	158914	177009	168807	5.43	cps
Selenium	77-2	70	100	90	87	17.63	cps
Selenium	78-2	346	350	365	354	2.77	cps
Selenium	82-1	2015	1971	1939	1975	1.92	cps
Silicon	28-1	332900	331380	337562	333947	0.96	cps
Silver	109-1	120106	120173	118106	119462	0.98	cps
Silver	107-1	124115	125947	124695	124919	0.75	cps
Sodium	23-2	27849727	27968068	27689993	27835929	0.50	cps
Strontium	86-1	197258	196088	197254	196867	0.34	cps
Strontium	88-1	1732428	1705886	1709514	1715943	0.84	cps
Sulfur	34-1	2907882	2875410	2892009	2891767	0.56	cps
Terbium	159-1	8296824	9169179	9158198	8874733	5.64	cps
Terbium	159-2	4483190	4292352	4754299	4509947	5.15	cps
Thallium	203-1	150660	147154	148217	148677	1.21	cps
Thallium	205-1	358661	354326	358292	357093	0.67	cps
Thorium	232-1	8770	8831	8998	8866	1.33	cps
Tin	118-1	283416	274882	279760	279353	1.53	cps
Titanium	47-1	1560856	1563303	1563627	1562595	0.10	cps
Uranium	238-1	1677148	1673925	1661652	1670908	0.49	cps
Vanadium	51-2	28862	28989	28471	28774	0.94	cps
Yttrium	89-1	5497677	6124488	6053532	5891899	5.83	cps
Yttrium	89-2	946148	889383	983827	939786	5.06	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:07:04	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8463	8666	8119	8416	3.29	cps
Zirconium	90-1	563367	553352	546366	554361	1.54	cps
Zirconium	91-1	124965	125379	123504	124616	0.79	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:13:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3336526	3328834	3374896	3346752	0.74	cps
Antimony	121-1	2608159	2604676	2584398	2599078	0.49	cps
Arsenic	75-1	546669	536132	534861	539221	1.20	cps
Barium	135-1	3823014	3759332	3763070	3781805	0.94	cps
Barium	137-1	6692273	6647182	6603936	6647797	0.66	cps
Beryllium	9-1	577669	577039	575724	576811	0.17	cps
Bismuth	209-1	5446146	5453126	5501742	5467005	0.55	cps
Bismuth	209-2	3279718	3300560	3319342	3299873	0.60	cps
Boron	10-1	83187	86757	87661	85868	2.76	cps
Boron	11-1	362432	375051	380205	372563	2.45	cps
Cadmium	111-1	755791	753145	746474	751803	0.64	cps
Cadmium	106-1	83286	82473	81367	82375	1.17	cps
Cadmium	108-1	57073	56282	55488	56281	1.41	cps
Calcium	43-1	4226421	4190840	4194934	4204065	0.46	cps
Calcium	44-1	68606393	68699702	68355129	68553741	0.26	cps
Chromium	52-2	809035	806784	812034	809284	0.33	cps
Cobalt	59-2	1168975	1171089	1170447	1170170	0.09	cps
Copper	63-2	1619311	1631348	1630645	1627101	0.42	cps
Dysprosium	156-1	150	83	117	117	28.57	cps
Dysprosium	156-2	113	103	67	94	26.02	cps
Erbium	164-1	83	58	17	53	63.81	cps
Erbium	164-2	37	27	30	31	16.37	cps
Gadolinium	160-1	42	50	33	42	19.99	cps
Gadolinium	160-2	130	113	170	138	21.14	cps
Holmium	165-1	8646335	8697145	8626299	8656593	0.42	cps
Holmium	165-2	4779633	4810947	4809027	4799869	0.37	cps
Indium	115-1	5300684	5275937	5266005	5280875	0.34	cps
Indium	115-2	1206845	1214290	1213049	1211395	0.33	cps
Iron	56-2	167736765	167224937	167675832	167545844	0.17	cps
Iron	57-2	4258907	4251241	4266654	4258934	0.18	cps
Krypton	83-1	130	140	140	137	4.22	cps
Lead	206-1	2769007	2772193	2755017	2765406	0.33	cps
Lead	207-1	2556488	2558251	2547650	2554130	0.22	cps
Lead	208-1	11501029	11457751	11450709	11469830	0.24	cps
Lithium	6-1	1877020	1885946	1885684	1882883	0.27	cps
Magnesium	24-2	34719226	34473632	34936790	34709883	0.67	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:13:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1053140	1054743	1051254	1053046	0.17	cps
Molybdenum	94-1	5623446	5554176	5543204	5573609	0.78	cps
Molybdenum	95-1	6779342	6732969	6701506	6737939	0.58	cps
Molybdenum	96-1	7546257	7445765	7498251	7496758	0.67	cps
Molybdenum	97-1	4145769	4114008	4093948	4117908	0.63	cps
Molybdenum	98-1	10995288	10836025	10830966	10887426	0.86	cps
Neodymium	150-1	347	413	300	353	16.12	cps
Neodymium	150-2	63	70	43	59	23.57	cps
Nickel	60-2	278747	282043	282750	281180	0.76	cps
Phosphorus	31-2	29029	29864	29297	29397	1.45	cps
Potassium	39-2	17560205	17424663	17595192	17526687	0.51	cps
Rhodium	103-1	4314651	4288894	4306927	4303491	0.31	cps
Rhodium	103-2	2193682	2205958	2206118	2201919	0.32	cps
Scandium	45-1	3410255	3399400	3417952	3409202	0.27	cps
Scandium	45-2	174288	175526	174632	174815	0.37	cps
Selenium	77-2	2310	2417	2337	2355	2.36	cps
Selenium	78-2	8264	8453	8302	8339	1.20	cps
Selenium	82-1	48165	48541	47726	48144	0.85	cps
Silicon	28-1	2212021	2322544	2362186	2298917	3.39	cps
Silver	109-1	3316527	3288076	3262533	3289045	0.82	cps
Silver	107-1	3430234	3410006	3390485	3410242	0.58	cps
Sodium	23-2	67692952	67639520	67825077	67719183	0.14	cps
Strontium	86-1	918725	916348	910219	915097	0.48	cps
Strontium	88-1	8064692	8039403	7920774	8008289	0.96	cps
Sulfur	34-1	400818	394837	397350	397668	0.76	cps
Terbium	159-1	8726155	8717954	8722233	8722114	0.05	cps
Terbium	159-2	4614032	4653055	4618050	4628379	0.46	cps
Thallium	203-1	3406211	3423647	3391025	3406961	0.48	cps
Thallium	205-1	8281096	8365874	8230667	8292546	0.82	cps
Thorium	232-1	14645527	14705213	14665007	14671915	0.21	cps
Tin	118-1	2360878	2345676	2331989	2346181	0.62	cps
Titanium	47-1	1854727	1843536	1831802	1843355	0.62	cps
Uranium	238-1	14550024	14465672	14387351	14467682	0.56	cps
Vanadium	51-2	684396	686363	686954	685905	0.20	cps
Yttrium	89-1	5764180	5768482	5749372	5760678	0.17	cps
Yttrium	89-2	953621	958901	961327	957950	0.41	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:13:54	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	274089	276049	276606	275581	0.48	cps
Zirconium	90-1	4790748	4778227	4744416	4771131	0.50	cps
Zirconium	91-1	1074275	1062679	1053523	1063492	0.98	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:35:13	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1650	1375	1489	9.64	cps
Antimony	121-1	11372	11539	11605	11505	1.05	cps
Arsenic	75-1	769	1352	961	1027	28.92	cps
Barium	135-1	17445	17595	16594	17211	3.14	cps
Barium	137-1	29607	30560	29658	29942	1.79	cps
Beryllium	9-1	1360	1527	1573	1487	7.54	cps
Bismuth	209-1	6573759	6551374	6613366	6579500	0.48	cps
Bismuth	209-2	4030561	3096882	3815145	3647529	13.40	cps
Boron	10-1	5601	5676	5893	5724	2.65	cps
Boron	11-1	24479	24980	24863	24774	1.06	cps
Cadmium	111-1	2883	3165	2970	3006	4.81	cps
Cadmium	106-1	2050	2300	2225	2192	5.85	cps
Cadmium	108-1	158	113	96	122	26.48	cps
Calcium	43-1	10146	10237	9862	10082	1.94	cps
Calcium	44-1	170456	164387	167538	167460	1.81	cps
Chromium	52-2	4411	4534	4544	4496	1.65	cps
Cobalt	59-2	2927	2920	2854	2900	1.40	cps
Copper	63-2	4554	4281	4331	4388	3.32	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	17	10	27	18	47.19	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	123	110	130	121	8.41	cps
Holmium	165-1	9584689	9543643	9632624	9586985	0.46	cps
Holmium	165-2	5382187	4100874	5009125	4830729	13.64	cps
Indium	115-1	6668195	6648148	6619203	6645182	0.37	cps
Indium	115-2	1526375	1169930	1441726	1379344	13.50	cps
Iron	56-2	92954	92104	90862	91973	1.14	cps
Iron	57-2	2384	2439	2278	2367	3.46	cps
Krypton	83-1	147	147	153	149	2.59	cps
Lead	206-1	6307	6246	6013	6189	2.51	cps
Lead	207-1	5735	5751	5440	5642	3.10	cps
Lead	208-1	25488	25900	24676	25355	2.45	cps
Lithium	6-1	2361726	2352609	2342579	2352305	0.41	cps
Magnesium	24-2	86910	87171	86088	86723	0.65	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:35:13 DataFile Name : 020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1337	1407	1360	1368	2.61	cps
Molybdenum	94-1	12606	12681	13082	12790	2.00	cps
Molybdenum	95-1	16452	16485	15776	16238	2.46	cps
Molybdenum	96-1	17895	17503	17562	17653	1.20	cps
Molybdenum	97-1	9629	9554	10246	9809	3.87	cps
Molybdenum	98-1	26166	25140	27102	26136	3.76	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	877	867	817	853	3.77	cps
Phosphorus	31-2	250	308	342	300	15.47	cps
Potassium	39-2	92839	93234	93351	93141	0.29	cps
Rhodium	103-1	5886693	5845612	5837794	5856700	0.45	cps
Rhodium	103-2	2957370	2246701	2773440	2659170	13.87	cps
Scandium	45-1	4371566	4337366	4331477	4346803	0.50	cps
Scandium	45-2	220038	168580	205271	197963	13.38	cps
Selenium	77-2	13	50	37	33	55.68	cps
Selenium	78-2	135	159	165	153	10.29	cps
Selenium	82-1	714	684	713	704	2.41	cps
Silicon	28-1	139167	140780	137527	139158	1.17	cps
Silver	109-1	6927	7302	6969	7066	2.91	cps
Silver	107-1	7160	7527	7819	7502	4.40	cps
Sodium	23-2	163886	164434	164922	164414	0.32	cps
Strontium	86-1	2384	2292	2067	2247	7.25	cps
Strontium	88-1	17770	17728	18120	17873	1.21	cps
Sulfur	34-1	159648	159510	158704	159287	0.32	cps
Terbium	159-1	9906319	9787232	9826224	9839925	0.62	cps
Terbium	159-2	5252206	4053718	4917617	4741180	13.04	cps
Thallium	203-1	7352	6969	7419	7247	3.35	cps
Thallium	205-1	17345	17637	18706	17896	4.00	cps
Thorium	232-1	35281	36195	35142	35539	1.61	cps
Tin	118-1	28131	27483	27484	27699	1.35	cps
Titanium	47-1	5109	4434	4726	4756	7.12	cps
Uranium	238-1	34914	34488	34915	34772	0.71	cps
Vanadium	51-2	8569	8332	8346	8416	1.58	cps
Yttrium	89-1	7098742	7088974	7074990	7087569	0.17	cps
Yttrium	89-2	1182684	903622	1116464	1067590	13.66	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:35:13	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	963	907	787	886	10.19	cps
Zirconium	90-1	11372	10538	10671	10860	4.12	cps
Zirconium	91-1	2350	2575	2550	2492	4.95	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P7
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:38:49 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	8	0	25	145.31	cps
Antimony	121-1	108	250	242	200	39.75	cps
Arsenic	75-1	-220	-405	-350	-325	-29.22	cps
Barium	135-1	8	33	8	17	86.62	cps
Barium	137-1	33	17	42	31	41.65	cps
Beryllium	9-1	40	60	93	64	41.81	cps
Bismuth	209-1	6560954	6453628	6514481	6509688	0.83	cps
Bismuth	209-2	3943101	3584434	3786149	3771228	4.77	cps
Boron	10-1	883	892	917	897	1.93	cps
Boron	11-1	4317	4334	4276	4309	0.70	cps
Cadmium	111-1	1564	1484	1416	1488	4.99	cps
Cadmium	106-1	2217	2134	2025	2125	4.52	cps
Cadmium	108-1	0	25	8	11	114.58	cps
Calcium	43-1	75	50	42	56	31.22	cps
Calcium	44-1	4784	4743	4459	4662	3.79	cps
Chromium	52-2	580	467	623	557	14.53	cps
Cobalt	59-2	47	47	30	41	23.41	cps
Copper	63-2	263	297	277	279	6.02	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	137	100	107	114	17.07	cps
Holmium	165-1	9569841	9412662	9444321	9475608	0.88	cps
Holmium	165-2	5263619	4765636	5018683	5015979	4.96	cps
Indium	115-1	6603858	6510609	6481409	6531958	0.98	cps
Indium	115-2	1502909	1374971	1435396	1437758	4.45	cps
Iron	56-2	10252	3017	2545	5271	81.95	cps
Iron	57-2	411	144	117	224	72.58	cps
Krypton	83-1	170	140	213	174	21.14	cps
Lead	206-1	417	267	400	361	22.77	cps
Lead	207-1	294	350	256	300	15.82	cps
Lead	208-1	1595	1322	1411	1443	9.62	cps
Lithium	6-1	2371941	2325576	2340607	2346041	1.01	cps
Magnesium	24-2	308	333	358	333	7.50	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:38:49	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	63	53	46	49.80	cps
Molybdenum	94-1	325	300	292	306	5.68	cps
Molybdenum	95-1	142	200	142	161	20.91	cps
Molybdenum	96-1	142	125	158	142	11.76	cps
Molybdenum	97-1	100	142	75	106	31.91	cps
Molybdenum	98-1	208	150	258	206	26.38	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	304	60	50	138	104.16	cps
Phosphorus	31-2	42	92	75	69	36.66	cps
Potassium	39-2	10087	10170	10037	10098	0.67	cps
Rhodium	103-1	5819740	5754735	5730965	5768480	0.80	cps
Rhodium	103-2	2904324	2631895	2780707	2772309	4.92	cps
Scandium	45-1	4322248	4291793	4266504	4293515	0.65	cps
Scandium	45-2	218342	196840	207838	207673	5.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	44	54	43	25.83	cps
Selenium	82-1	55	102	14	57	77.63	cps
Silicon	28-1	105638	105453	104363	105151	0.65	cps
Silver	109-1	25	83	50	53	55.46	cps
Silver	107-1	92	83	67	81	15.80	cps
Sodium	23-2	5610	5601	5635	5615	0.31	cps
Strontium	86-1	242	283	217	247	13.62	cps
Strontium	88-1	100	75	142	106	31.91	cps
Sulfur	34-1	154888	157812	159177	157293	1.39	cps
Terbium	159-1	9650980	9585828	9559539	9598783	0.49	cps
Terbium	159-2	5159889	4607466	4912999	4893452	5.66	cps
Thallium	203-1	342	267	192	267	28.13	cps
Thallium	205-1	625	575	567	589	5.36	cps
Thorium	232-1	406	483	500	463	10.89	cps
Tin	118-1	752	647	713	704	7.58	cps
Titanium	47-1	158	92	117	122	27.56	cps
Uranium	238-1	58	83	58	67	21.65	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	6988514	6957122	6988738	6978125	0.26	cps
Yttrium	89-2	1166000	1053459	1115437	1111632	5.07	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:38:49	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167	190	160	172	9.15	cps
Zirconium	90-1	625	625	617	622	0.77	cps
Zirconium	91-1	75	200	133	136	45.95	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:42:24	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1475	1350	1633	1486	9.56	cps
Antimony	121-1	11589	11647	11555	11597	0.40	cps
Arsenic	75-1	624	920	1022	855	24.15	cps
Barium	135-1	17779	16619	17879	17425	4.02	cps
Barium	137-1	30426	29883	30000	30103	0.95	cps
Beryllium	9-1	1433	1577	1480	1497	4.88	cps
Bismuth	209-1	6491857	6495519	6551579	6512985	0.51	cps
Bismuth	209-2	3947291	3933008	3927422	3935907	0.26	cps
Boron	10-1	5168	5526	5710	5468	5.04	cps
Boron	11-1	24028	25356	24854	24746	2.71	cps
Cadmium	111-1	3102	3307	3081	3163	3.94	cps
Cadmium	106-1	2450	2475	2409	2445	1.38	cps
Cadmium	108-1	150	163	121	144	14.80	cps
Calcium	43-1	10262	10262	10379	10301	0.65	cps
Calcium	44-1	170337	171491	170068	170632	0.44	cps
Chromium	52-2	4384	4504	4484	4457	1.44	cps
Cobalt	59-2	3130	2970	2997	3033	2.83	cps
Copper	63-2	4261	4227	4437	4308	2.62	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	33	10	17	20	60.08	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	113	113	120	116	3.33	cps
Holmium	165-1	9484183	9555781	9438762	9492909	0.62	cps
Holmium	165-2	5265278	5246677	5232816	5248257	0.31	cps
Indium	115-1	6510111	6552259	6576027	6546132	0.51	cps
Indium	115-2	1508071	1503560	1499705	1503778	0.28	cps
Iron	56-2	92769	95028	92998	93598	1.33	cps
Iron	57-2	2417	2367	2461	2415	1.96	cps
Krypton	83-1	173	143	167	161	9.78	cps
Lead	206-1	6513	6513	6246	6424	2.40	cps
Lead	207-1	5551	5557	5612	5574	0.61	cps
Lead	208-1	25355	25533	25065	25317	0.93	cps
Lithium	6-1	2360861	2355031	2363736	2359876	0.19	cps
Magnesium	24-2	87237	88066	87589	87631	0.48	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:42:24	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1383	1413	1533	1443	5.50	cps
Molybdenum	94-1	13307	12940	13223	13157	1.46	cps
Molybdenum	95-1	15918	16227	16552	16232	1.95	cps
Molybdenum	96-1	17970	18179	18162	18104	0.64	cps
Molybdenum	97-1	10254	10713	9529	10165	5.87	cps
Molybdenum	98-1	26358	25699	27461	26506	3.36	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	807	850	923	860	6.86	cps
Phosphorus	31-2	242	350	208	267	27.77	cps
Potassium	39-2	94835	97184	96538	96185	1.26	cps
Rhodium	103-1	5751232	5772587	5791058	5771626	0.35	cps
Rhodium	103-2	2885218	2887195	2886030	2886148	0.03	cps
Scandium	45-1	4286197	4321840	4303867	4303968	0.41	cps
Scandium	45-2	215764	216126	215676	215855	0.11	cps
Selenium	77-2	27	33	40	33	20.00	cps
Selenium	78-2	150	169	154	157	6.22	cps
Selenium	82-1	656	774	680	704	8.84	cps
Silicon	28-1	145197	144411	140538	143382	1.74	cps
Silver	109-1	6443	6043	5843	6110	5.00	cps
Silver	107-1	6510	7236	6135	6627	8.44	cps
Sodium	23-2	164930	166557	168603	166696	1.10	cps
Strontium	86-1	2450	2500	2342	2431	3.33	cps
Strontium	88-1	18212	18421	17812	18148	1.71	cps
Sulfur	34-1	159740	164331	161147	161739	1.45	cps
Terbium	159-1	9659164	9774405	9661432	9698334	0.68	cps
Terbium	159-2	5150122	5138819	5107358	5132100	0.43	cps
Thallium	203-1	7477	7411	8078	7655	4.80	cps
Thallium	205-1	18038	17804	17754	17865	0.85	cps
Thorium	232-1	32056	31021	31332	31470	1.69	cps
Tin	118-1	28094	28162	28285	28180	0.34	cps
Titanium	47-1	4359	4484	4709	4518	3.93	cps
Uranium	238-1	31522	30620	31815	31319	1.99	cps
Vanadium	51-2	8603	8659	8783	8682	1.06	cps
Yttrium	89-1	6975589	7037666	7015891	7009715	0.45	cps
Yttrium	89-2	1165928	1166089	1166162	1166060	0.01	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:42:24	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	830	920	967	906	7.67	cps
Zirconium	90-1	10780	10880	11238	10966	2.20	cps
Zirconium	91-1	2417	2492	2550	2486	2.69	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:47:39 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	442	433	464	9.90	cps
Antimony	121-1	1375	1517	1650	1514	9.08	cps
Arsenic	75-1	466	444	240	383	32.45	cps
Barium	135-1	2117	2175	2050	2114	2.96	cps
Barium	137-1	3492	3476	3417	3462	1.14	cps
Beryllium	9-1	383	440	407	410	6.95	cps
Bismuth	209-1	6466000	6528703	6524790	6506498	0.54	cps
Bismuth	209-2	3953977	3963486	3999146	3972203	0.60	cps
Boron	10-1	1042	1133	1242	1139	8.79	cps
Boron	11-1	5618	5218	5143	5326	4.80	cps
Cadmium	111-1	2211	1843	1903	1986	9.95	cps
Cadmium	106-1	2484	2142	2300	2309	7.41	cps
Cadmium	108-1	33	33	58	42	34.64	cps
Calcium	43-1	642	500	417	519	21.90	cps
Calcium	44-1	12222	11964	11655	11947	2.38	cps
Chromium	52-2	1073	1103	1060	1079	2.06	cps
Cobalt	59-2	820	753	783	786	4.25	cps
Copper	63-2	1397	1360	1333	1363	2.33	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	17	17	37	23	49.48	cps
Gadolinium	160-1	17	58	17	31	78.72	cps
Gadolinium	160-2	110	107	173	130	28.90	cps
Holmium	165-1	9427851	9446511	9485172	9453178	0.31	cps
Holmium	165-2	5288755	5306053	5368297	5321035	0.79	cps
Indium	115-1	6622706	6589294	6608229	6606743	0.25	cps
Indium	115-2	1522256	1537825	1547470	1535850	0.83	cps
Iron	56-2	23302	23169	23926	23466	1.72	cps
Iron	57-2	661	694	672	676	2.51	cps
Krypton	83-1	163	183	173	173	5.77	cps
Lead	206-1	1611	1578	1622	1604	1.44	cps
Lead	207-1	1450	1511	1556	1506	3.52	cps
Lead	208-1	6940	6712	7018	6890	2.31	cps
Lithium	6-1	2371309	2371090	2369373	2370591	0.04	cps
Magnesium	24-2	4459	4251	4509	4406	3.11	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:47:39 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	677	643	693	671	3.79	cps
Molybdenum	94-1	3426	3226	3067	3239	5.54	cps
Molybdenum	95-1	3601	3901	3884	3795	4.44	cps
Molybdenum	96-1	4076	4401	4209	4229	3.86	cps
Molybdenum	97-1	2117	2434	2267	2272	6.97	cps
Molybdenum	98-1	5968	6310	5910	6063	3.57	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	230	283	256	10.46	cps
Phosphorus	31-2	92	75	67	78	16.37	cps
Potassium	39-2	13006	12364	12272	12547	3.19	cps
Rhodium	103-1	5798318	5826935	5823791	5816348	0.27	cps
Rhodium	103-2	2947000	2961189	2990823	2966338	0.75	cps
Scandium	45-1	4347516	4358822	4350360	4352233	0.14	cps
Scandium	45-2	221068	223668	222454	222396	0.58	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	74	65	70	70	6.67	cps
Selenium	82-1	264	235	269	256	7.07	cps
Silicon	28-1	108819	106041	107022	107294	1.31	cps
Silver	109-1	1817	1984	1500	1767	13.90	cps
Silver	107-1	2042	2184	1592	1939	15.93	cps
Sodium	23-2	12856	12731	13607	13064	3.63	cps
Strontium	86-1	833	725	867	808	9.16	cps
Strontium	88-1	4368	4676	4684	4576	3.94	cps
Sulfur	34-1	162983	161862	162763	162536	0.37	cps
Terbium	159-1	9595641	9731570	9657288	9661500	0.70	cps
Terbium	159-2	5186096	5221001	5259513	5222203	0.70	cps
Thallium	203-1	1917	2150	2217	2095	7.52	cps
Thallium	205-1	4451	4718	4934	4701	5.15	cps
Thorium	232-1	7102	7197	7091	7130	0.81	cps
Tin	118-1	1786	1647	1808	1747	4.99	cps
Titanium	47-1	1200	1275	1075	1183	8.54	cps
Uranium	238-1	6652	6610	6694	6652	0.63	cps
Vanadium	51-2	447	320	347	371	17.99	cps
Yttrium	89-1	7072270	7073729	7078517	7074839	0.05	cps
Yttrium	89-2	1184993	1186792	1198263	1190016	0.60	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:47:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	363	357	340	10.24	cps
Zirconium	90-1	3392	3509	3159	3353	5.32	cps
Zirconium	91-1	675	642	758	692	8.69	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:51:15 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	1225	1142	1133	8.48	cps
Antimony	121-1	4843	4659	4343	4615	5.48	cps
Arsenic	75-1	758	889	646	764	15.96	cps
Barium	135-1	6418	6360	5993	6257	3.68	cps
Barium	137-1	10880	10821	11522	11074	3.51	cps
Beryllium	9-1	1197	1193	1043	1145	7.65	cps
Bismuth	209-1	6481025	6457132	6455777	6464645	0.22	cps
Bismuth	209-2	3977039	3984032	3957165	3972745	0.35	cps
Boron	10-1	958	717	742	806	16.50	cps
Boron	11-1	3317	3092	3309	3239	3.94	cps
Cadmium	111-1	2839	2925	2721	2828	3.63	cps
Cadmium	106-1	2375	2525	2267	2389	5.43	cps
Cadmium	108-1	158	108	154	140	19.78	cps
Calcium	43-1	1792	1625	1625	1681	5.73	cps
Calcium	44-1	31334	31242	31534	31370	0.48	cps
Chromium	52-2	2180	2120	2164	2155	1.44	cps
Cobalt	59-2	2394	2497	2450	2447	2.12	cps
Copper	63-2	3444	3120	3387	3317	5.21	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	25	17	67	36	74.18	cps
Gadolinium	160-2	110	97	127	111	13.53	cps
Holmium	165-1	9425881	9415441	9418766	9420029	0.06	cps
Holmium	165-2	5324507	5308222	5297848	5310192	0.25	cps
Indium	115-1	6590818	6587549	6582704	6587024	0.06	cps
Indium	115-2	1541376	1539841	1528288	1536502	0.47	cps
Iron	56-2	68833	68504	67806	68381	0.77	cps
Iron	57-2	1733	1467	1872	1691	12.19	cps
Krypton	83-1	160	163	183	169	7.47	cps
Lead	206-1	4740	4834	4896	4823	1.63	cps
Lead	207-1	4079	4395	4468	4314	4.80	cps
Lead	208-1	19590	19695	19806	19697	0.55	cps
Lithium	6-1	2377741	2377058	2360219	2371673	0.42	cps
Magnesium	24-2	13432	13173	13123	13242	1.25	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:51:15 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2070	1850	2154	2025	7.74	cps
Molybdenum	94-1	9854	9996	9937	9929	0.72	cps
Molybdenum	95-1	12081	11689	11689	11819	1.91	cps
Molybdenum	96-1	13649	13098	13132	13293	2.32	cps
Molybdenum	97-1	7444	7736	7152	7444	3.92	cps
Molybdenum	98-1	19105	19706	18488	19100	3.19	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	640	670	530	613	12.02	cps
Phosphorus	31-2	142	150	133	142	5.88	cps
Potassium	39-2	17444	17394	18037	17625	2.03	cps
Rhodium	103-1	5899644	5836038	5837632	5857771	0.62	cps
Rhodium	103-2	2958801	2956408	2940639	2951949	0.33	cps
Scandium	45-1	4411291	4386938	4376359	4391529	0.41	cps
Scandium	45-2	221608	221581	219908	221032	0.44	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	72	83	56	70	19.86	cps
Selenium	82-1	170	160	133	154	12.44	cps
Silicon	28-1	107887	110078	108702	108889	1.02	cps
Silver	109-1	5935	5410	5726	5690	4.65	cps
Silver	107-1	5968	6043	5601	5871	4.03	cps
Sodium	23-2	30081	30808	30240	30376	1.26	cps
Strontium	86-1	1975	1875	1867	1906	3.16	cps
Strontium	88-1	14116	14441	14149	14235	1.26	cps
Sulfur	34-1	164271	165612	165054	164979	0.41	cps
Terbium	159-1	9698241	9649680	9711305	9686409	0.34	cps
Terbium	159-2	5205449	5179024	5207600	5197358	0.31	cps
Thallium	203-1	5585	5518	5902	5668	3.61	cps
Thallium	205-1	13966	13899	13449	13772	2.04	cps
Thorium	232-1	21262	20350	20995	20869	2.25	cps
Tin	118-1	4448	4911	4438	4599	5.88	cps
Titanium	47-1	3351	3601	3100	3351	7.46	cps
Uranium	238-1	20609	21085	20726	20806	1.19	cps
Vanadium	51-2	1237	1250	1260	1249	0.94	cps
Yttrium	89-1	7120283	7075602	7082102	7092662	0.34	cps
Yttrium	89-2	1197525	1187500	1188187	1191070	0.47	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:51:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	750	767	727	748	2.69	cps
Zirconium	90-1	8786	8920	9062	8923	1.54	cps
Zirconium	91-1	2100	2025	2167	2097	3.38	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:54:51 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	333	317	369	20.96	cps
Antimony	121-1	1433	1550	1583	1522	5.17	cps
Arsenic	75-1	-120	61	255	65	288.39	cps
Barium	135-1	1884	1817	2050	1917	6.27	cps
Barium	137-1	3659	3317	3134	3370	7.91	cps
Beryllium	9-1	397	363	423	394	7.62	cps
Bismuth	209-1	6790138	6634901	6654921	6693320	1.26	cps
Bismuth	209-2	4048359	4022447	4021815	4030874	0.38	cps
Boron	10-1	850	958	1017	942	8.98	cps
Boron	11-1	4376	4526	4084	4329	5.19	cps
Cadmium	111-1	1968	2018	1947	1978	1.85	cps
Cadmium	106-1	2225	2300	2259	2261	1.66	cps
Cadmium	108-1	33	13	25	24	44.41	cps
Calcium	43-1	525	542	458	508	8.67	cps
Calcium	44-1	12931	12706	12364	12667	2.26	cps
Chromium	52-2	1067	1097	1150	1105	3.82	cps
Cobalt	59-2	767	877	813	819	6.74	cps
Copper	63-2	1233	1453	1427	1371	8.76	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	67	33	17	39	65.47	cps
Gadolinium	160-2	153	140	147	147	4.55	cps
Holmium	165-1	9759990	9690220	9750298	9733503	0.39	cps
Holmium	165-2	5434295	5408928	5373377	5405534	0.57	cps
Indium	115-1	6887332	6809375	6779970	6825559	0.81	cps
Indium	115-2	1562193	1554767	1558518	1558493	0.24	cps
Iron	56-2	23525	23475	23386	23462	0.30	cps
Iron	57-2	678	611	711	667	7.64	cps
Krypton	83-1	170	167	173	170	1.96	cps
Lead	206-1	1756	1611	1789	1719	5.50	cps
Lead	207-1	1656	1633	1567	1619	2.86	cps
Lead	208-1	7201	7073	7084	7119	0.99	cps
Lithium	6-1	2459625	2426540	2425083	2437083	0.80	cps
Magnesium	24-2	4009	4376	4643	4342	7.33	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:54:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	643	653	663	653	1.53	cps
Molybdenum	94-1	2992	3359	3334	3228	6.35	cps
Molybdenum	95-1	3509	3667	4084	3753	7.92	cps
Molybdenum	96-1	4668	4117	4251	4345	6.60	cps
Molybdenum	97-1	2475	2334	2450	2420	3.13	cps
Molybdenum	98-1	6393	6118	6177	6229	2.33	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	250	200	240	15.03	cps
Phosphorus	31-2	108	83	58	83	30.00	cps
Potassium	39-2	12322	13123	12506	12650	3.32	cps
Rhodium	103-1	6106885	6035658	6015036	6052526	0.80	cps
Rhodium	103-2	3021406	2997606	3019204	3012739	0.44	cps
Scandium	45-1	4574438	4512538	4493525	4526833	0.93	cps
Scandium	45-2	226176	226578	224123	225626	0.58	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	80	74	67	73	8.85	cps
Selenium	82-1	298	263	267	276	6.89	cps
Silicon	28-1	110154	110978	111414	110849	0.58	cps
Silver	109-1	1700	2017	1917	1878	8.62	cps
Silver	107-1	1875	1967	2067	1970	4.87	cps
Sodium	23-2	12614	12881	12889	12795	1.22	cps
Strontium	86-1	800	842	750	797	5.76	cps
Strontium	88-1	5043	4451	4726	4740	6.25	cps
Sulfur	34-1	166202	166101	163809	165370	0.82	cps
Terbium	159-1	10100148	9941854	9947944	9996649	0.90	cps
Terbium	159-2	5353531	5273868	5268148	5298516	0.90	cps
Thallium	203-1	1909	1967	1759	1878	5.72	cps
Thallium	205-1	4701	4468	5168	4779	7.46	cps
Thorium	232-1	7013	7024	6780	6939	1.99	cps
Tin	118-1	1662	1664	1799	1708	4.57	cps
Titanium	47-1	1250	1033	1275	1186	11.20	cps
Uranium	238-1	6610	6685	6735	6677	0.94	cps
Vanadium	51-2	413	433	387	411	5.70	cps
Yttrium	89-1	7382217	7343008	7271991	7332405	0.76	cps
Yttrium	89-2	1213711	1211223	1219016	1214650	0.33	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:54:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	387	330	367	361	7.96	cps
Zirconium	90-1	3276	3150	2967	3131	4.95	cps
Zirconium	91-1	625	717	658	667	6.96	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:58:27 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217	1200	1000	1139	10.59	cps
Antimony	121-1	4376	4484	4418	4426	1.24	cps
Arsenic	75-1	892	776	461	710	31.38	cps
Barium	135-1	6502	6502	6568	6524	0.59	cps
Barium	137-1	11013	10754	10763	10843	1.36	cps
Beryllium	9-1	1160	1220	1227	1202	3.05	cps
Bismuth	209-1	6572614	6498022	6519220	6529952	0.59	cps
Bismuth	209-2	3982043	4006775	4011562	4000127	0.40	cps
Boron	10-1	733	758	733	742	1.95	cps
Boron	11-1	2792	2892	2700	2795	3.43	cps
Cadmium	111-1	2710	2627	2750	2695	2.33	cps
Cadmium	106-1	2350	2217	2300	2289	2.94	cps
Cadmium	108-1	104	96	104	101	4.74	cps
Calcium	43-1	1675	1725	1433	1611	9.68	cps
Calcium	44-1	30082	30090	29956	30043	0.25	cps
Chromium	52-2	2124	2097	2247	2156	3.71	cps
Cobalt	59-2	2407	2204	2324	2311	4.42	cps
Copper	63-2	3410	3300	3284	3332	2.07	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	20	3	7	10	88.20	cps
Erbium	164-1	33	17	67	39	65.47	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	130	143	107	127	14.65	cps
Holmium	165-1	9646165	9529135	9517854	9564385	0.74	cps
Holmium	165-2	5343391	5374166	5352600	5356719	0.29	cps
Indium	115-1	6793099	6664457	6713200	6723585	0.97	cps
Indium	115-2	1553402	1553995	1567115	1558171	0.50	cps
Iron	56-2	68749	69592	69068	69136	0.62	cps
Iron	57-2	1639	1939	1689	1756	9.16	cps
Krypton	83-1	133	123	187	148	23.04	cps
Lead	206-1	4740	4729	4740	4736	0.14	cps
Lead	207-1	4423	4240	4418	4360	2.39	cps
Lead	208-1	19517	19323	19339	19393	0.56	cps
Lithium	6-1	2412015	2396165	2394529	2400903	0.40	cps
Magnesium	24-2	13240	13115	13473	13276	1.37	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 14:58:27 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1937	2040	2130	2036	4.75	cps
Molybdenum	94-1	9770	10029	9854	9884	1.33	cps
Molybdenum	95-1	11897	11697	11664	11753	1.08	cps
Molybdenum	96-1	13674	13232	12990	13298	2.61	cps
Molybdenum	97-1	7944	7486	7335	7588	4.18	cps
Molybdenum	98-1	19180	18379	18396	18652	2.45	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	630	593	593	606	3.50	cps
Phosphorus	31-2	167	67	100	111	45.83	cps
Potassium	39-2	17678	17327	17836	17614	1.48	cps
Rhodium	103-1	5954261	5937874	5979150	5957095	0.35	cps
Rhodium	103-2	2974487	2978345	3006455	2986429	0.58	cps
Scandium	45-1	4512472	4459855	4458925	4477084	0.68	cps
Scandium	45-2	224579	226099	226474	225717	0.44	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	67	54	59	60	10.87	cps
Selenium	82-1	202	222	171	199	12.93	cps
Silicon	28-1	109381	111505	111212	110699	1.04	cps
Silver	109-1	6027	5551	5535	5704	4.90	cps
Silver	107-1	5843	5460	5826	5710	3.80	cps
Sodium	23-2	29413	29463	29021	29299	0.83	cps
Strontium	86-1	1925	1667	1850	1814	7.33	cps
Strontium	88-1	14174	13899	14074	14049	0.99	cps
Sulfur	34-1	162855	164582	165400	164279	0.79	cps
Terbium	159-1	9879079	9805337	9823538	9835985	0.39	cps
Terbium	159-2	5219537	5239859	5232954	5230783	0.20	cps
Thallium	203-1	5585	5476	5593	5551	1.17	cps
Thallium	205-1	13858	13399	13749	13669	1.75	cps
Thorium	232-1	21334	21329	20806	21156	1.44	cps
Tin	118-1	4672	4391	4631	4564	3.33	cps
Titanium	47-1	3334	3717	3467	3506	5.55	cps
Uranium	238-1	20634	20751	20108	20497	1.67	cps
Vanadium	51-2	1360	1250	1240	1283	5.19	cps
Yttrium	89-1	7258506	7165488	7206154	7210049	0.65	cps
Yttrium	89-2	1208773	1210115	1208039	1208976	0.09	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 14:58:27	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	780	690	703	724	6.70	cps
Zirconium	90-1	8328	8620	8811	8586	2.84	cps
Zirconium	91-1	1817	2025	2242	2028	10.48	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:02:04 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	375	350	369	4.70	cps
Antimony	121-1	1442	1450	1375	1422	2.89	cps
Arsenic	75-1	42	66	28	45	42.12	cps
Barium	135-1	2234	2050	1959	2081	6.73	cps
Barium	137-1	3359	3626	3451	3478	3.90	cps
Beryllium	9-1	430	447	500	459	7.97	cps
Bismuth	209-1	6611921	6591738	6665019	6622893	0.57	cps
Bismuth	209-2	3782525	4005567	4017146	3935079	3.36	cps
Boron	10-1	808	892	842	847	4.95	cps
Boron	11-1	4051	4659	3792	4167	10.68	cps
Cadmium	111-1	1942	2012	2257	2070	7.98	cps
Cadmium	106-1	2284	2400	2742	2475	9.63	cps
Cadmium	108-1	33	50	13	32	58.82	cps
Calcium	43-1	658	617	567	614	7.48	cps
Calcium	44-1	12923	13474	12322	12906	4.46	cps
Chromium	52-2	960	1060	1030	1017	5.05	cps
Cobalt	59-2	830	737	757	774	6.35	cps
Copper	63-2	1223	1437	1507	1389	10.63	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	33	67	39	65.47	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	97	120	107	108	10.86	cps
Holmium	165-1	9690713	9698304	9816601	9735206	0.73	cps
Holmium	165-2	5068529	5349775	5407399	5275234	3.44	cps
Indium	115-1	6777218	6821248	6824707	6807724	0.39	cps
Indium	115-2	1474438	1542384	1569966	1528929	3.22	cps
Iron	56-2	22701	24660	24298	23887	4.36	cps
Iron	57-2	622	794	644	687	13.64	cps
Krypton	83-1	160	153	167	160	4.17	cps
Lead	206-1	1656	1739	1628	1674	3.45	cps
Lead	207-1	1428	1595	1456	1493	5.98	cps
Lead	208-1	6801	6979	6562	6781	3.08	cps
Lithium	6-1	2432574	2436793	2439610	2436326	0.15	cps
Magnesium	24-2	4476	4593	4651	4573	1.95	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:02:04 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	737	727	670	711	5.06	cps
Molybdenum	94-1	3326	3142	3301	3256	3.05	cps
Molybdenum	95-1	4059	3842	3942	3948	2.75	cps
Molybdenum	96-1	4501	4284	4084	4290	4.86	cps
Molybdenum	97-1	2325	2442	2567	2445	4.94	cps
Molybdenum	98-1	6193	6252	6060	6168	1.59	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	317	280	278	14.42	cps
Phosphorus	31-2	83	108	117	103	16.88	cps
Potassium	39-2	12923	12998	13573	13165	2.70	cps
Rhodium	103-1	5980166	6031121	6059176	6023487	0.66	cps
Rhodium	103-2	2848570	2999851	3013307	2953909	3.10	cps
Scandium	45-1	4537284	4508734	4536968	4527662	0.36	cps
Scandium	45-2	211990	224653	228843	221829	3.96	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	61	80	96	79	22.28	cps
Selenium	82-1	287	313	301	301	4.40	cps
Silicon	28-1	112269	113269	111833	112457	0.65	cps
Silver	109-1	1842	1558	1909	1770	10.50	cps
Silver	107-1	2117	1984	2059	2053	3.26	cps
Sodium	23-2	12322	13123	12264	12570	3.82	cps
Strontium	86-1	708	692	733	711	2.95	cps
Strontium	88-1	4284	4493	4526	4434	2.95	cps
Sulfur	34-1	168114	169335	168645	168698	0.36	cps
Terbium	159-1	9837134	10012392	9919665	9923063	0.88	cps
Terbium	159-2	4959404	5266701	5270478	5165527	3.46	cps
Thallium	203-1	1934	1742	2009	1895	7.26	cps
Thallium	205-1	4843	4651	4634	4709	2.46	cps
Thorium	232-1	6941	6552	6791	6761	2.90	cps
Tin	118-1	1904	1721	1636	1754	7.81	cps
Titanium	47-1	1058	1067	1175	1100	5.92	cps
Uranium	238-1	6335	6986	6619	6646	4.91	cps
Vanadium	51-2	380	497	413	430	13.97	cps
Yttrium	89-1	7280558	7305317	7337618	7307831	0.39	cps
Yttrium	89-2	1136436	1212182	1218410	1189009	3.84	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:02:04	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	340	413	450	401	13.96	cps
Zirconium	90-1	3242	2959	3376	3192	6.67	cps
Zirconium	91-1	917	708	750	792	13.93	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:05:41 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1417	1167	1217	1267	10.44	cps
Antimony	121-1	4401	4368	4301	4356	1.17	cps
Arsenic	75-1	918	1212	663	931	29.46	cps
Barium	135-1	6368	6585	5885	6279	5.71	cps
Barium	137-1	11147	10780	11480	11135	3.15	cps
Beryllium	9-1	1163	1203	1097	1155	4.67	cps
Bismuth	209-1	6484028	6485828	6534297	6501384	0.44	cps
Bismuth	209-2	3936438	3985512	4127859	4016603	2.48	cps
Boron	10-1	483	667	500	550	18.43	cps
Boron	11-1	2375	2550	2567	2498	4.25	cps
Cadmium	111-1	2786	2663	2822	2757	3.03	cps
Cadmium	106-1	2367	2242	2334	2314	2.80	cps
Cadmium	108-1	83	104	129	106	21.74	cps
Calcium	43-1	1859	1592	1650	1700	8.25	cps
Calcium	44-1	29455	30190	29255	29633	1.66	cps
Chromium	52-2	2157	2054	1950	2054	5.03	cps
Cobalt	59-2	2237	2384	2464	2361	4.87	cps
Copper	63-2	3500	3434	3581	3505	2.10	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	8	25	50	28	75.51	cps
Gadolinium	160-2	130	130	90	117	19.79	cps
Holmium	165-1	9489562	9398289	9483029	9456960	0.54	cps
Holmium	165-2	5323011	5349674	5528825	5400503	2.07	cps
Indium	115-1	6678830	6659070	6694542	6677481	0.27	cps
Indium	115-2	1546406	1565205	1610682	1574098	2.10	cps
Iron	56-2	66595	66824	67276	66898	0.52	cps
Iron	57-2	1795	1650	1717	1721	4.20	cps
Krypton	83-1	157	157	167	160	3.61	cps
Lead	206-1	4795	4579	4473	4616	3.56	cps
Lead	207-1	4395	4384	4412	4397	0.32	cps
Lead	208-1	18828	18589	18683	18700	0.64	cps
Lithium	6-1	2405441	2401880	2403642	2403655	0.07	cps
Magnesium	24-2	13123	13465	13056	13215	1.66	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:05:41 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2070	2054	1950	2025	3.21	cps
Molybdenum	94-1	9804	9795	9804	9801	0.05	cps
Molybdenum	95-1	11814	11730	11580	11708	1.01	cps
Molybdenum	96-1	13165	13190	13031	13129	0.65	cps
Molybdenum	97-1	7752	6894	7085	7244	6.22	cps
Molybdenum	98-1	19063	19222	19080	19122	0.46	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	610	600	713	641	9.79	cps
Phosphorus	31-2	133	175	125	144	18.54	cps
Potassium	39-2	17861	16668	17060	17197	3.54	cps
Rhodium	103-1	5939368	5882115	5932047	5917843	0.53	cps
Rhodium	103-2	2988417	3010816	3115752	3038328	2.24	cps
Scandium	45-1	4472143	4459755	4464101	4465333	0.14	cps
Scandium	45-2	225827	226956	232169	228317	1.48	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	56	48	54	52	7.35	cps
Selenium	82-1	142	190	152	161	15.77	cps
Silicon	28-1	110011	111807	112017	111278	0.99	cps
Silver	109-1	5776	5626	5260	5554	4.79	cps
Silver	107-1	5710	6018	5993	5907	2.90	cps
Sodium	23-2	29029	28954	29204	29062	0.44	cps
Strontium	86-1	1825	1700	1842	1789	4.33	cps
Strontium	88-1	14174	13515	13749	13813	2.42	cps
Sulfur	34-1	166343	166789	166900	166678	0.18	cps
Terbium	159-1	9724336	9664560	9727940	9705612	0.37	cps
Terbium	159-2	5236023	5270113	5428130	5311422	1.93	cps
Thallium	203-1	5318	5651	5493	5487	3.04	cps
Thallium	205-1	13566	13791	13474	13610	1.20	cps
Thorium	232-1	21262	20105	20745	20704	2.80	cps
Tin	118-1	4939	4405	4812	4719	5.91	cps
Titanium	47-1	3426	3284	3326	3345	2.18	cps
Uranium	238-1	20216	19941	20066	20075	0.69	cps
Vanadium	51-2	1420	1400	1137	1319	11.99	cps
Yttrium	89-1	7194932	7158334	7138450	7163905	0.40	cps
Yttrium	89-2	1203499	1217737	1253698	1224978	2.11	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	K2241-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:05:41	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	827	740	817	794	5.97	cps
Zirconium	90-1	8261	8595	8511	8456	2.05	cps
Zirconium	91-1	1825	1792	2242	1953	12.84	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BL	Instrumnet Name :	P7
Client Sample ID :	PB119376BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:18:47	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	25	28	17.31	cps
Antimony	121-1	117	108	75	100	22.05	cps
Arsenic	75-1	-363	-317	-392	-357	-10.69	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	50	8	42	33	66.15	cps
Beryllium	9-1	40	60	73	58	29.04	cps
Bismuth	209-1	6557340	6511090	6521412	6529947	0.37	cps
Bismuth	209-2	3997805	4023881	4010891	4010859	0.33	cps
Boron	10-1	308	333	333	325	4.44	cps
Boron	11-1	1675	1742	1617	1678	3.73	cps
Cadmium	111-1	1456	1435	1351	1414	3.94	cps
Cadmium	106-1	2084	2059	1942	2028	3.73	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	58	67	108	78	34.44	cps
Calcium	44-1	4601	4576	5060	4746	5.74	cps
Chromium	52-2	670	663	637	657	2.69	cps
Cobalt	59-2	43	43	80	56	38.11	cps
Copper	63-2	317	367	377	353	9.10	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	130	153	123	136	11.62	cps
Holmium	165-1	9623248	9586485	9628975	9612903	0.24	cps
Holmium	165-2	5436035	5404813	5371237	5404028	0.60	cps
Indium	115-1	6726278	6753666	6748336	6742760	0.22	cps
Indium	115-2	1573345	1571816	1560730	1568630	0.44	cps
Iron	56-2	2839	2945	2595	2793	6.43	cps
Iron	57-2	106	161	106	124	25.85	cps
Krypton	83-1	160	177	153	163	7.36	cps
Lead	206-1	250	256	244	250	2.22	cps
Lead	207-1	189	189	206	194	4.95	cps
Lead	208-1	1011	911	928	950	5.64	cps
Lithium	6-1	2438426	2437789	2441294	2439170	0.08	cps
Magnesium	24-2	308	333	317	319	3.98	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BL	Instrumnet Name :	P7
Client Sample ID :	PB119376BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:18:47	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	40	30	31	26.97	cps
Molybdenum	94-1	283	217	250	250	13.33	cps
Molybdenum	95-1	67	75	67	69	6.93	cps
Molybdenum	96-1	117	117	92	108	13.32	cps
Molybdenum	97-1	25	33	33	31	15.74	cps
Molybdenum	98-1	117	67	108	97	27.55	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	73	63	67	8.66	cps
Phosphorus	31-2	17	67	117	67	75.00	cps
Potassium	39-2	10746	10596	10713	10685	0.74	cps
Rhodium	103-1	5959643	5971197	6046738	5992526	0.79	cps
Rhodium	103-2	3024635	3006616	3002795	3011349	0.39	cps
Scandium	45-1	4539709	4549703	4550219	4546544	0.13	cps
Scandium	45-2	229131	229486	227895	228837	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	54	57	49	21.97	cps
Selenium	82-1	97	84	102	94	10.02	cps
Silicon	28-1	106561	107845	109281	107895	1.26	cps
Silver	109-1	42	33	17	31	41.66	cps
Silver	107-1	42	33	58	44	28.65	cps
Sodium	23-2	4251	4351	4834	4479	6.97	cps
Strontium	86-1	225	233	283	247	12.76	cps
Strontium	88-1	50	58	33	47	26.97	cps
Sulfur	34-1	173120	172184	175101	173468	0.86	cps
Terbium	159-1	9854298	9750014	9827226	9810513	0.55	cps
Terbium	159-2	5259845	5306832	5259892	5275523	0.51	cps
Thallium	203-1	233	133	217	194	27.55	cps
Thallium	205-1	467	350	442	419	14.65	cps
Thorium	232-1	211	194	200	202	4.20	cps
Tin	118-1	577	411	327	438	29.14	cps
Titanium	47-1	50	117	33	67	66.15	cps
Uranium	238-1	67	83	50	67	25.00	cps
Vanadium	51-2	7	17	0	8	107.84	cps
Yttrium	89-1	7222525	7250197	7275535	7249419	0.37	cps
Yttrium	89-2	1216993	1218419	1220743	1218718	0.16	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BL	Instrumnet Name :	P7
Client Sample ID :	PB119376BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:18:47	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217	187	220	208	8.84	cps
Zirconium	90-1	525	667	567	586	12.42	cps
Zirconium	91-1	117	150	142	136	12.75	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BS	Instrumnet Name :	P7
Client Sample ID :	PB119376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:22:24	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694293	699224	691084	694867	0.59	cps
Antimony	121-1	3069068	3016438	3003872	3029793	1.14	cps
Arsenic	75-1	627153	620825	604570	617516	1.89	cps
Barium	135-1	4332235	4244141	4230124	4268834	1.30	cps
Barium	137-1	7630851	7563374	7522300	7572175	0.72	cps
Beryllium	9-1	696994	679463	667784	681414	2.16	cps
Bismuth	209-1	6145006	6124183	6101855	6123681	0.35	cps
Bismuth	209-2	3626316	3616717	3641612	3628215	0.35	cps
Boron	10-1	99190	98948	100189	99442	0.66	cps
Boron	11-1	434412	432957	433301	433557	0.18	cps
Cadmium	111-1	806221	793322	784108	794550	1.40	cps
Cadmium	106-1	90606	88527	86849	88660	2.12	cps
Cadmium	108-1	60617	59851	59796	60088	0.76	cps
Calcium	43-1	1003373	971938	954309	976540	2.55	cps
Calcium	44-1	16187700	15796780	15563914	15849465	1.99	cps
Chromium	52-2	916473	914705	918210	916463	0.19	cps
Cobalt	59-2	1367887	1361444	1359643	1362991	0.32	cps
Copper	63-2	1757223	1758557	1751649	1755810	0.21	cps
Dysprosium	156-1	58	50	25	44	39.04	cps
Dysprosium	156-2	97	107	97	100	5.77	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	75	17	42	44	65.84	cps
Gadolinium	160-2	143	127	130	133	6.62	cps
Holmium	165-1	9191309	9156904	9110679	9152964	0.44	cps
Holmium	165-2	4950697	4971206	4970811	4964238	0.24	cps
Indium	115-1	5953481	5825055	5799687	5859408	1.41	cps
Indium	115-2	1314302	1321148	1316618	1317356	0.26	cps
Iron	56-2	38689484	38934813	38609872	38744723	0.44	cps
Iron	57-2	975448	976506	972723	974892	0.20	cps
Krypton	83-1	137	147	130	138	6.09	cps
Lead	206-1	3158713	3137300	3117058	3137690	0.66	cps
Lead	207-1	2916993	2866225	2893161	2892126	0.88	cps
Lead	208-1	13113398	13012835	13012323	13046185	0.45	cps
Lithium	6-1	2137129	2079597	2031432	2082719	2.54	cps
Magnesium	24-2	8010041	7975889	7973884	7986605	0.25	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BS	Instrumnet Name :	P7
Client Sample ID :	PB119376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:22:24	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1207397	1201976	1203001	1204125	0.24	cps
Molybdenum	94-1	6506562	6422871	6322473	6417302	1.44	cps
Molybdenum	95-1	7888578	7754709	7627485	7756924	1.68	cps
Molybdenum	96-1	8799727	8608116	8516302	8641382	1.67	cps
Molybdenum	97-1	4953962	4856885	4815509	4875452	1.46	cps
Molybdenum	98-1	12652764	12464288	12331897	12482983	1.29	cps
Neodymium	150-1	347	233	273	284	20.21	cps
Neodymium	150-2	20	53	40	38	44.41	cps
Nickel	60-2	337387	334804	334840	335677	0.44	cps
Phosphorus	31-2	35719	35343	34341	35134	2.03	cps
Potassium	39-2	3959511	3964253	3946886	3956883	0.23	cps
Rhodium	103-1	5076439	4957676	4907015	4980377	1.75	cps
Rhodium	103-2	2490871	2456946	2468295	2472037	0.70	cps
Scandium	45-1	3831603	3699978	3639459	3723680	2.64	cps
Scandium	45-2	187382	187081	186197	186886	0.33	cps
Selenium	77-2	2624	2980	2744	2783	6.52	cps
Selenium	78-2	9596	9448	9637	9560	1.04	cps
Selenium	82-1	57034	55644	55317	55998	1.63	cps
Silicon	28-1	2108599	2061097	2035256	2068317	1.80	cps
Silver	109-1	3505155	3451277	3399539	3451990	1.53	cps
Silver	107-1	3659147	3564884	3533011	3585681	1.83	cps
Sodium	23-2	15443274	15405647	15355784	15401568	0.28	cps
Strontium	86-1	1060785	1037916	1028775	1042492	1.58	cps
Strontium	88-1	9327265	9217187	9075264	9206572	1.37	cps
Sulfur	34-1	475566	461196	453116	463292	2.45	cps
Terbium	159-1	9356120	9291403	9215275	9287599	0.76	cps
Terbium	159-2	4818758	4825031	4802697	4815496	0.24	cps
Thallium	203-1	3857485	3840291	3816733	3838170	0.53	cps
Thallium	205-1	9456040	9438694	9475452	9456729	0.19	cps
Thorium	232-1	16009037	15942049	16113461	16021516	0.54	cps
Tin	118-1	2748437	2687598	2668406	2701480	1.55	cps
Titanium	47-1	2192268	2118289	2090070	2133543	2.47	cps
Uranium	238-1	15663503	15666341	15743876	15691240	0.29	cps
Vanadium	51-2	772044	774670	774838	773851	0.20	cps
Yttrium	89-1	6449441	6316599	6232362	6332801	1.73	cps
Yttrium	89-2	1028692	1026062	1021866	1025540	0.34	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119376BS	Instrumnet Name :	P7
Client Sample ID :	PB119376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:22:24	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	290301	290949	287542	289597	0.62	cps
Zirconium	90-1	5566331	5462845	5403086	5477421	1.51	cps
Zirconium	91-1	1226374	1195506	1183749	1201876	1.83	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119377BL Instrumnet Name : P7
 Client Sample ID : PB119377BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:26:00 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	42	42	0.00	cps
Antimony	121-1	2059	2184	2359	2200	6.85	cps
Arsenic	75-1	-199	-249	-219	-222	-11.42	cps
Barium	135-1	183	142	175	167	13.23	cps
Barium	137-1	300	358	233	297	21.04	cps
Beryllium	9-1	160	177	153	163	7.36	cps
Bismuth	209-1	6407557	6434907	6452444	6431636	0.35	cps
Bismuth	209-2	3785204	3828868	3796321	3803464	0.60	cps
Boron	10-1	4809	4459	4509	4593	4.12	cps
Boron	11-1	22459	19588	18437	20161	10.27	cps
Cadmium	111-1	1473	1273	1369	1372	7.28	cps
Cadmium	106-1	2067	1784	1875	1909	7.58	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	133	42	42	72	73.28	cps
Calcium	44-1	3759	4084	3767	3870	4.79	cps
Chromium	52-2	490	437	470	466	5.79	cps
Cobalt	59-2	67	73	50	63	18.98	cps
Copper	63-2	283	347	347	326	11.23	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	33	0	31	95.79	cps
Erbium	164-2	10	3	23	12	83.33	cps
Gadolinium	160-1	25	42	33	33	25.01	cps
Gadolinium	160-2	123	103	140	122	15.02	cps
Holmium	165-1	9179243	9084429	9140618	9134763	0.52	cps
Holmium	165-2	5020348	5042549	4988536	5017144	0.54	cps
Indium	115-1	6074177	6090868	6132543	6099196	0.49	cps
Indium	115-2	1388237	1393004	1383208	1388150	0.35	cps
Iron	56-2	3189	3117	3134	3147	1.20	cps
Iron	57-2	106	117	150	124	18.64	cps
Krypton	83-1	163	123	133	140	14.87	cps
Lead	206-1	356	367	350	357	2.37	cps
Lead	207-1	339	361	322	341	5.73	cps
Lead	208-1	1672	1567	1439	1559	7.49	cps
Lithium	6-1	2060317	2067941	2067562	2065273	0.21	cps
Magnesium	24-2	292	433	367	364	19.48	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BL	Instrumnet Name :	P7
Client Sample ID :	PB119377BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:26:00	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	67	57	60	9.62	cps
Molybdenum	94-1	1508	1367	1108	1328	15.28	cps
Molybdenum	95-1	1975	1767	1525	1756	12.83	cps
Molybdenum	96-1	2142	1642	1575	1786	17.34	cps
Molybdenum	97-1	1283	1067	1125	1158	9.68	cps
Molybdenum	98-1	3092	2917	2392	2800	13.01	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	90	40	58	48.39	cps
Phosphorus	31-2	50	67	67	61	15.75	cps
Potassium	39-2	8853	8861	8811	8842	0.30	cps
Rhodium	103-1	5257493	5229752	5244872	5244039	0.26	cps
Rhodium	103-2	2649997	2655080	2653963	2653013	0.10	cps
Scandium	45-1	3745972	3703841	3739960	3729925	0.61	cps
Scandium	45-2	189778	192009	191679	191155	0.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	28	39	56	41	34.32	cps
Selenium	82-1	21	95	68	61	61.62	cps
Silicon	28-1	95143	92083	93173	93466	1.66	cps
Silver	109-1	292	167	183	214	31.73	cps
Silver	107-1	350	225	325	300	22.05	cps
Sodium	23-2	6410	6710	6218	6446	3.85	cps
Strontium	86-1	325	258	192	258	25.81	cps
Strontium	88-1	483	417	242	381	32.80	cps
Sulfur	34-1	132702	132274	134662	133213	0.96	cps
Terbium	159-1	9332400	9351194	9324105	9335900	0.15	cps
Terbium	159-2	4885316	4900144	4869029	4884830	0.32	cps
Thallium	203-1	683	508	450	547	22.19	cps
Thallium	205-1	1425	1450	1233	1370	8.66	cps
Thorium	232-1	3701	3106	3056	3288	10.91	cps
Tin	118-1	941	969	1039	983	5.12	cps
Titanium	47-1	200	125	175	167	22.91	cps
Uranium	238-1	700	775	533	669	18.48	cps
Vanadium	51-2	20	30	20	23	24.74	cps
Yttrium	89-1	6350888	6377080	6395777	6374582	0.35	cps
Yttrium	89-2	1057811	1064015	1059882	1060569	0.30	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BL	Instrumnet Name :	P7
Client Sample ID :	PB119377BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:26:00	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	167	197	194	13.75	cps
Zirconium	90-1	867	775	775	806	6.57	cps
Zirconium	91-1	217	167	208	197	13.59	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:30:02	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3524311	3504172	3530033	3519505	0.39	cps
Antimony	121-1	2645963	2600133	2580044	2608713	1.30	cps
Arsenic	75-1	544622	536848	539090	540187	0.74	cps
Barium	135-1	3836966	3794398	3760607	3797324	1.01	cps
Barium	137-1	6754373	6696112	6612468	6687651	1.07	cps
Beryllium	9-1	591594	583219	579163	584659	1.08	cps
Bismuth	209-1	5223349	5672471	6098013	5664611	7.72	cps
Bismuth	209-2	2875929	3363647	3367489	3202355	8.83	cps
Boron	10-1	89858	92013	91551	91141	1.24	cps
Boron	11-1	391984	396890	401408	396761	1.19	cps
Cadmium	111-1	752384	747463	747172	749006	0.39	cps
Cadmium	106-1	83982	82373	81869	82741	1.33	cps
Cadmium	108-1	56487	56027	56592	56369	0.53	cps
Calcium	43-1	4287071	4263666	4194464	4248400	1.13	cps
Calcium	44-1	70054854	69293683	68677772	69342103	0.99	cps
Chromium	52-2	841692	836944	839695	839444	0.28	cps
Cobalt	59-2	1218244	1220130	1221355	1219910	0.13	cps
Copper	63-2	1693283	1688801	1689131	1690405	0.15	cps
Dysprosium	156-1	108	125	125	119	8.06	cps
Dysprosium	156-2	117	107	120	114	6.06	cps
Erbium	164-1	58	75	58	64	15.05	cps
Erbium	164-2	40	30	27	32	21.53	cps
Gadolinium	160-1	67	83	108	86	24.35	cps
Gadolinium	160-2	117	150	133	133	12.50	cps
Holmium	165-1	8266427	8956719	9661534	8961560	7.78	cps
Holmium	165-2	4177753	4865349	4840414	4627839	8.43	cps
Indium	115-1	5012258	5449619	5907803	5456560	8.21	cps
Indium	115-2	1076850	1261745	1262419	1200338	8.91	cps
Iron	56-2	176574987	175444515	175717532	175912345	0.34	cps
Iron	57-2	4401611	4445214	4441306	4429377	0.54	cps
Krypton	83-1	173	127	157	152	15.54	cps
Lead	206-1	2819497	2783231	2770685	2791138	0.91	cps
Lead	207-1	2604888	2576627	2542522	2574679	1.21	cps
Lead	208-1	11672701	11583858	11490834	11582464	0.79	cps
Lithium	6-1	1842649	1966749	2105487	1971628	6.67	cps
Magnesium	24-2	36754206	36555989	36758957	36689717	0.32	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:30:02	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1092848	1093128	1093943	1093306	0.05	cps
Molybdenum	94-1	5677134	5603544	5582765	5621148	0.88	cps
Molybdenum	95-1	6869328	6747441	6697432	6771400	1.31	cps
Molybdenum	96-1	7641072	7508485	7482207	7543921	1.13	cps
Molybdenum	97-1	4202411	4135522	4107912	4148615	1.17	cps
Molybdenum	98-1	11015211	10918089	10849480	10927594	0.76	cps
Neodymium	150-1	247	380	373	333	22.54	cps
Neodymium	150-2	70	73	60	68	10.24	cps
Nickel	60-2	293023	291805	292621	292483	0.21	cps
Phosphorus	31-2	32102	31234	31793	31710	1.39	cps
Potassium	39-2	18487171	18370281	18510028	18455827	0.41	cps
Rhodium	103-1	4089808	4401827	4789742	4427126	7.92	cps
Rhodium	103-2	1942861	2275596	2285639	2168032	9.00	cps
Scandium	45-1	3234878	3512699	3778564	3508714	7.75	cps
Scandium	45-2	157444	181519	183458	174140	8.32	cps
Selenium	77-2	2577	2527	2514	2539	1.32	cps
Selenium	78-2	8567	8540	8547	8551	0.17	cps
Selenium	82-1	48122	47233	47642	47665	0.93	cps
Silicon	28-1	2220884	2281357	2314113	2272118	2.08	cps
Silver	109-1	3306600	3269015	3243004	3272873	0.98	cps
Silver	107-1	3452412	3395120	3371816	3406450	1.22	cps
Sodium	23-2	71310295	71094102	71579870	71328089	0.34	cps
Strontium	86-1	929093	916426	908938	918152	1.11	cps
Strontium	88-1	8218167	8054579	8025964	8099570	1.28	cps
Sulfur	34-1	409673	400123	395762	401853	1.77	cps
Terbium	159-1	8349127	9037187	9796965	9061093	7.99	cps
Terbium	159-2	4045037	4706558	4705754	4485783	8.51	cps
Thallium	203-1	3458225	3429680	3419324	3435743	0.59	cps
Thallium	205-1	8501727	8396690	8429350	8442589	0.64	cps
Thorium	232-1	14805349	14731758	14662406	14733171	0.49	cps
Tin	118-1	2387861	2333563	2324693	2348706	1.46	cps
Titanium	47-1	1882554	1851286	1839704	1857848	1.19	cps
Uranium	238-1	14661022	14657034	14551858	14623304	0.42	cps
Vanadium	51-2	722580	720510	720970	721353	0.15	cps
Yttrium	89-1	5511832	5948367	6400039	5953413	7.46	cps
Yttrium	89-2	859968	1000981	1007301	956084	8.71	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P7
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:30:02	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	285018	286473	285634	285708	0.26	cps
Zirconium	90-1	4888504	4773398	4763276	4808392	1.45	cps
Zirconium	91-1	1073330	1043713	1052444	1056495	1.44	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P7
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:36:57 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	83	81	5.98	cps
Antimony	121-1	1142	1142	1350	1211	9.93	cps
Arsenic	75-1	-303	-237	-219	-253	-17.54	cps
Barium	135-1	83	50	92	75	29.40	cps
Barium	137-1	142	100	100	114	21.12	cps
Beryllium	9-1	127	90	147	121	23.73	cps
Bismuth	209-1	6498186	6543586	6529207	6523659	0.36	cps
Bismuth	209-2	3895289	3914402	3908448	3906047	0.25	cps
Boron	10-1	2767	2734	2575	2692	3.80	cps
Boron	11-1	12372	12264	11697	12111	3.00	cps
Cadmium	111-1	1551	1467	1396	1471	5.29	cps
Cadmium	106-1	2209	2059	1950	2072	6.26	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	183	83	117	128	39.85	cps
Calcium	44-1	5009	4784	5101	4965	3.28	cps
Chromium	52-2	523	590	557	557	5.99	cps
Cobalt	59-2	37	53	43	44	18.87	cps
Copper	63-2	357	367	403	376	6.54	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	17	13	23	18	28.64	cps
Gadolinium	160-1	17	42	83	47	71.32	cps
Gadolinium	160-2	153	133	127	138	10.07	cps
Holmium	165-1	9385015	9423117	9408534	9405555	0.20	cps
Holmium	165-2	5179684	5197413	5186230	5187776	0.17	cps
Indium	115-1	6370256	6400049	6403470	6391258	0.29	cps
Indium	115-2	1472108	1473667	1482624	1476133	0.38	cps
Iron	56-2	4573	4645	4495	4571	1.64	cps
Iron	57-2	167	178	200	181	9.35	cps
Krypton	83-1	187	160	123	157	20.29	cps
Lead	206-1	378	344	322	348	8.03	cps
Lead	207-1	356	300	339	331	8.60	cps
Lead	208-1	1572	1517	1450	1513	4.04	cps
Lithium	6-1	2237006	2247476	2248049	2244177	0.28	cps
Magnesium	24-2	425	708	700	611	26.38	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:36:57	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	57	60	57	5.89	cps
Molybdenum	94-1	767	783	558	703	17.84	cps
Molybdenum	95-1	792	675	700	722	8.51	cps
Molybdenum	96-1	975	767	658	800	20.12	cps
Molybdenum	97-1	492	475	408	458	9.62	cps
Molybdenum	98-1	1375	1150	1017	1181	15.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	60	80	63	24.12	cps
Phosphorus	31-2	108	133	133	125	11.55	cps
Potassium	39-2	9662	9820	9937	9806	1.41	cps
Rhodium	103-1	5551758	5589454	5542363	5561192	0.45	cps
Rhodium	103-2	2826979	2834836	2845264	2835693	0.32	cps
Scandium	45-1	4062769	4084041	4069497	4072102	0.27	cps
Scandium	45-2	207876	208968	209266	208704	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	39	44	41	7.87	cps
Selenium	82-1	44	86	105	78	39.70	cps
Silicon	28-1	100256	101795	100604	100885	0.80	cps
Silver	109-1	117	125	83	108	20.35	cps
Silver	107-1	192	175	125	164	21.17	cps
Sodium	23-2	11530	11672	10696	11299	4.67	cps
Strontium	86-1	208	342	175	242	36.49	cps
Strontium	88-1	150	225	175	183	20.83	cps
Sulfur	34-1	140180	138294	141476	139983	1.14	cps
Terbium	159-1	9573397	9582226	9628410	9594677	0.31	cps
Terbium	159-2	5095885	5096075	5110642	5100868	0.17	cps
Thallium	203-1	500	525	533	519	3.34	cps
Thallium	205-1	1542	1433	1175	1383	13.62	cps
Thorium	232-1	2400	2189	2039	2210	8.21	cps
Tin	118-1	1006	1006	1202	1072	10.55	cps
Titanium	47-1	117	108	208	144	38.41	cps
Uranium	238-1	258	250	242	250	3.33	cps
Vanadium	51-2	7	13	13	11	34.61	cps
Yttrium	89-1	6772613	6803014	6767623	6781083	0.28	cps
Yttrium	89-2	1128992	1135400	1141878	1135423	0.57	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P7
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:36:57	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	230	213	200	214	7.01	cps
Zirconium	90-1	967	842	900	903	6.93	cps
Zirconium	91-1	200	167	175	181	9.61	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119377BS Instrumnet Name : P7
 Client Sample ID : PB119377BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:40:33 DataFile Name : 034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	688222	690612	690613	689816	0.20	cps
Antimony	121-1	2985919	2963696	2941674	2963763	0.75	cps
Arsenic	75-1	601403	591157	590220	594260	1.04	cps
Barium	135-1	4199381	4176828	4160502	4178904	0.47	cps
Barium	137-1	7474407	7425357	7413296	7437687	0.44	cps
Beryllium	9-1	661710	649504	646776	652663	1.22	cps
Bismuth	209-1	6029662	5963314	6034427	6009134	0.66	cps
Bismuth	209-2	3617313	3499072	3609657	3575347	1.85	cps
Boron	10-1	94470	98629	100609	97903	3.20	cps
Boron	11-1	415936	422145	429379	422487	1.59	cps
Cadmium	111-1	772947	768425	765140	768837	0.51	cps
Cadmium	106-1	85124	86270	84360	85251	1.13	cps
Cadmium	108-1	58098	58499	57299	57965	1.05	cps
Calcium	43-1	949404	930737	925604	935248	1.34	cps
Calcium	44-1	15364611	15202494	15028750	15198618	1.11	cps
Chromium	52-2	906821	907698	907525	907348	0.05	cps
Cobalt	59-2	1337984	1352691	1339900	1343525	0.60	cps
Copper	63-2	1736860	1742432	1729821	1736371	0.36	cps
Dysprosium	156-1	25	67	75	56	48.22	cps
Dysprosium	156-2	90	83	67	80	15.02	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	20	10	30	20	50.00	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	113	97	93	101	10.60	cps
Holmium	165-1	8978196	8830991	8983453	8930880	0.97	cps
Holmium	165-2	4974010	4748053	4948436	4890166	2.53	cps
Indium	115-1	5716298	5607404	5660895	5661533	0.96	cps
Indium	115-2	1309605	1246979	1308100	1288228	2.77	cps
Iron	56-2	38478490	38476930	38436991	38464137	0.06	cps
Iron	57-2	961861	974518	965974	967451	0.67	cps
Krypton	83-1	150	133	130	138	7.78	cps
Lead	206-1	3127750	3113775	3106432	3115986	0.35	cps
Lead	207-1	2872247	2887459	2868470	2876059	0.35	cps
Lead	208-1	13007085	13003739	13006699	13005841	0.01	cps
Lithium	6-1	2012906	1964038	1980853	1985932	1.25	cps
Magnesium	24-2	7974631	7905322	7940215	7940056	0.44	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119377BS Instrumnet Name : P7
 Client Sample ID : PB119377BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:40:33 DataFile Name : 034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1190061	1197433	1186696	1191397	0.46	cps
Molybdenum	94-1	6272816	6220587	6157322	6216908	0.93	cps
Molybdenum	95-1	7585509	7518280	7393079	7498956	1.30	cps
Molybdenum	96-1	8432650	8369588	8297903	8366714	0.81	cps
Molybdenum	97-1	4777105	4704507	4545473	4675695	2.53	cps
Molybdenum	98-1	12230853	12149227	12040542	12140207	0.79	cps
Neodymium	150-1	280	347	333	320	11.02	cps
Neodymium	150-2	47	40	27	38	26.95	cps
Nickel	60-2	330315	331924	329597	330612	0.36	cps
Phosphorus	31-2	33823	34315	35017	34385	1.75	cps
Potassium	39-2	3913430	3936573	3898734	3916246	0.49	cps
Rhodium	103-1	4810615	4704274	4774916	4763269	1.14	cps
Rhodium	103-2	2457364	2365840	2462584	2428596	2.24	cps
Scandium	45-1	3564347	3490806	3513423	3522859	1.07	cps
Scandium	45-2	187103	176928	184533	182854	2.89	cps
Selenium	77-2	2934	2760	2787	2827	3.30	cps
Selenium	78-2	9511	9690	9525	9575	1.04	cps
Selenium	82-1	54623	53675	53677	53992	1.01	cps
Silicon	28-1	2007682	1991618	1992025	1997109	0.46	cps
Silver	109-1	3366780	3344123	3338590	3349831	0.45	cps
Silver	107-1	3522850	3477061	3464953	3488288	0.88	cps
Sodium	23-2	15494387	15360831	15292715	15382644	0.67	cps
Strontium	86-1	1028645	1011334	1005117	1015032	1.20	cps
Strontium	88-1	8956495	8948252	8850175	8918307	0.66	cps
Sulfur	34-1	440255	433298	426449	433334	1.59	cps
Terbium	159-1	9119127	8996683	9086386	9067399	0.70	cps
Terbium	159-2	4869085	4655772	4813279	4779379	2.31	cps
Thallium	203-1	3834473	3813287	3825197	3824319	0.28	cps
Thallium	205-1	9428914	9409790	9377609	9405438	0.28	cps
Thorium	232-1	16039553	16017861	15951082	16002832	0.29	cps
Tin	118-1	2663693	2629026	2632798	2641839	0.72	cps
Titanium	47-1	2079908	2038015	2010071	2042665	1.72	cps
Uranium	238-1	15777435	15803803	15737742	15772993	0.21	cps
Vanadium	51-2	762772	765261	764864	764299	0.17	cps
Yttrium	89-1	6093621	5981278	6004835	6026578	0.98	cps
Yttrium	89-2	1019987	981700	1017813	1006500	2.14	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119377BS	Instrumnet Name :	P7
Client Sample ID :	PB119377BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:40:33	DataFile Name :	034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	286386	288269	284053	286236	0.74	cps
Zirconium	90-1	5311499	5279668	5234941	5275369	0.73	cps
Zirconium	91-1	1169298	1167268	1147198	1161255	1.05	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119375BL Instrumnet Name : P7
 Client Sample ID : PB119375BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:49:25 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	42	44	10.82	cps
Antimony	121-1	1092	1083	1067	1081	1.18	cps
Arsenic	75-1	-364	-233	-366	-321	-23.65	cps
Barium	135-1	83	142	83	103	32.76	cps
Barium	137-1	158	250	192	200	23.20	cps
Beryllium	9-1	107	140	143	130	15.60	cps
Bismuth	209-1	6517005	6667785	6603813	6596201	1.15	cps
Bismuth	209-2	3884979	3925616	3937752	3916116	0.71	cps
Boron	10-1	2009	2334	2092	2145	7.87	cps
Boron	11-1	9562	9236	9070	9289	2.69	cps
Cadmium	111-1	1534	1584	1373	1497	7.37	cps
Cadmium	106-1	2142	2209	1934	2095	6.85	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	100	58	133	97	38.65	cps
Calcium	44-1	4368	4751	4234	4451	6.03	cps
Chromium	52-2	503	497	567	522	7.40	cps
Cobalt	59-2	43	37	63	48	29.04	cps
Copper	63-2	347	347	303	332	7.53	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	17	7	23	16	53.90	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	107	120	123	117	7.56	cps
Holmium	165-1	9361746	9488366	9469517	9439876	0.72	cps
Holmium	165-2	5166933	5236922	5278956	5227604	1.08	cps
Indium	115-1	6332479	6458317	6382401	6391066	0.99	cps
Indium	115-2	1447654	1467867	1478568	1464696	1.07	cps
Iron	56-2	3017	3145	3217	3126	3.24	cps
Iron	57-2	111	100	128	113	12.38	cps
Krypton	83-1	147	123	157	142	12.03	cps
Lead	206-1	283	322	283	296	7.58	cps
Lead	207-1	294	278	322	298	7.53	cps
Lead	208-1	1172	1278	1345	1265	6.87	cps
Lithium	6-1	2212630	2223851	2211280	2215920	0.31	cps
Magnesium	24-2	208	317	333	286	23.72	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : PB119375BL Instrumnet Name : P7
 Client Sample ID : PB119375BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 15:49:25 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	37	37	48	40.27	cps
Molybdenum	94-1	633	608	475	572	14.88	cps
Molybdenum	95-1	508	542	533	528	3.29	cps
Molybdenum	96-1	775	750	750	758	1.90	cps
Molybdenum	97-1	283	458	367	369	23.69	cps
Molybdenum	98-1	950	1017	925	964	4.92	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	40	37	47	31.13	cps
Phosphorus	31-2	58	50	58	56	8.67	cps
Potassium	39-2	8561	9520	9453	9178	5.83	cps
Rhodium	103-1	5537639	5550292	5587269	5558400	0.46	cps
Rhodium	103-2	2793915	2834865	2830625	2819802	0.80	cps
Scandium	45-1	3982901	4054682	4012580	4016721	0.90	cps
Scandium	45-2	205122	209593	207184	207300	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	37	46	38	22.18	cps
Selenium	82-1	79	98	67	81	19.11	cps
Silicon	28-1	96561	92988	93601	94383	2.02	cps
Silver	109-1	92	117	108	106	12.06	cps
Silver	107-1	142	142	133	139	3.46	cps
Sodium	23-2	6001	6577	5985	6188	5.45	cps
Strontium	86-1	358	300	275	311	13.75	cps
Strontium	88-1	225	300	300	275	15.75	cps
Sulfur	34-1	140380	138657	139346	139461	0.62	cps
Terbium	159-1	9597065	9709846	9587865	9631592	0.71	cps
Terbium	159-2	5076222	5100387	5162956	5113188	0.88	cps
Thallium	203-1	542	492	458	497	8.43	cps
Thallium	205-1	1100	1317	1317	1245	10.05	cps
Thorium	232-1	1528	1500	1572	1533	2.38	cps
Tin	118-1	705	655	613	658	7.02	cps
Titanium	47-1	83	167	33	94	71.32	cps
Uranium	238-1	350	333	308	331	6.34	cps
Vanadium	51-2	13	10	20	14	35.26	cps
Yttrium	89-1	6720328	6791576	6741063	6750989	0.54	cps
Yttrium	89-2	1119451	1130483	1126100	1125345	0.49	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BL	Instrumnet Name :	P7
Client Sample ID :	PB119375BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:49:25	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167	173	237	192	20.10	cps
Zirconium	90-1	658	750	800	736	9.76	cps
Zirconium	91-1	192	108	158	153	27.45	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BS	Instrumnet Name :	P7
Client Sample ID :	PB119375BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:53:01	DataFile Name :	036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691053	691798	688330	690394	0.26	cps
Antimony	121-1	2968148	2955473	2954852	2959491	0.25	cps
Arsenic	75-1	588092	586860	589388	588113	0.22	cps
Barium	135-1	4192081	4185562	4154638	4177427	0.48	cps
Barium	137-1	7470264	7403123	7418523	7430636	0.47	cps
Beryllium	9-1	651685	641285	639025	643998	1.05	cps
Bismuth	209-1	6006858	6169078	6058573	6078170	1.36	cps
Bismuth	209-2	3638265	3753625	3636289	3676059	1.83	cps
Boron	10-1	95023	96466	98603	96697	1.86	cps
Boron	11-1	416168	419567	427227	420987	1.35	cps
Cadmium	111-1	770993	769233	773151	771126	0.25	cps
Cadmium	106-1	85106	85046	85927	85359	0.58	cps
Cadmium	108-1	58495	57939	57315	57917	1.02	cps
Calcium	43-1	936374	924895	917036	926102	1.05	cps
Calcium	44-1	15249145	15065899	15014919	15109988	0.82	cps
Chromium	52-2	914016	912258	907787	911354	0.35	cps
Cobalt	59-2	1346176	1348630	1353927	1349578	0.29	cps
Copper	63-2	1748466	1744126	1751575	1748056	0.21	cps
Dysprosium	156-1	33	92	42	56	56.79	cps
Dysprosium	156-2	100	73	97	90	16.14	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	17	17	27	20	28.86	cps
Gadolinium	160-1	75	8	25	36	96.09	cps
Gadolinium	160-2	150	133	147	143	6.15	cps
Holmium	165-1	8888918	9201140	9019552	9036536	1.74	cps
Holmium	165-2	4997239	5130851	4999915	5042669	1.51	cps
Indium	115-1	5651699	5806600	5643606	5700635	1.61	cps
Indium	115-2	1309450	1351338	1312724	1324504	1.76	cps
Iron	56-2	38464366	38612240	38756180	38610929	0.38	cps
Iron	57-2	962105	971523	968190	967273	0.49	cps
Krypton	83-1	140	147	157	148	5.68	cps
Lead	206-1	3128109	3116428	3145411	3129983	0.47	cps
Lead	207-1	2884362	2881254	2897601	2887739	0.30	cps
Lead	208-1	13022201	13000441	13120177	13047606	0.49	cps
Lithium	6-1	1979714	2007225	1956029	1980989	1.29	cps
Magnesium	24-2	7951360	7954096	7941149	7948868	0.09	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BS	Instrumnet Name :	P7
Client Sample ID :	PB119375BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:53:01	DataFile Name :	036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1181830	1196686	1201529	1193348	0.86	cps
Molybdenum	94-1	6255420	6183156	6182862	6207146	0.67	cps
Molybdenum	95-1	7544175	7482175	7473121	7499824	0.52	cps
Molybdenum	96-1	8411594	8297602	8312752	8340649	0.74	cps
Molybdenum	97-1	4716833	4670249	4540616	4642566	1.97	cps
Molybdenum	98-1	12173396	12107524	12065280	12115400	0.45	cps
Neodymium	150-1	347	220	307	291	22.24	cps
Neodymium	150-2	47	23	47	39	34.65	cps
Nickel	60-2	333655	333190	335361	334069	0.34	cps
Phosphorus	31-2	34358	34274	33839	34157	0.81	cps
Potassium	39-2	3923952	3917685	3930593	3924077	0.16	cps
Rhodium	103-1	4755409	4885577	4740495	4793827	1.66	cps
Rhodium	103-2	2466918	2564790	2481837	2504515	2.11	cps
Scandium	45-1	3500620	3597551	3476185	3524785	1.82	cps
Scandium	45-2	184186	190636	186221	187014	1.76	cps
Selenium	77-2	2820	3037	2804	2887	4.51	cps
Selenium	78-2	9362	9342	9729	9478	2.30	cps
Selenium	82-1	53943	53646	53649	53746	0.32	cps
Silicon	28-1	1955152	1941801	1958475	1951810	0.45	cps
Silver	109-1	3358551	3341496	3325316	3341788	0.50	cps
Silver	107-1	3478032	3464518	3446896	3463149	0.45	cps
Sodium	23-2	15414366	15380214	15371530	15388703	0.15	cps
Strontium	86-1	1018353	1001082	1002607	1007347	0.95	cps
Strontium	88-1	8934352	8852458	8900638	8895816	0.46	cps
Sulfur	34-1	434060	425739	425984	428595	1.10	cps
Terbium	159-1	9059674	9306425	9058551	9141550	1.56	cps
Terbium	159-2	4816377	4983931	4822408	4874239	1.95	cps
Thallium	203-1	3836715	3825472	3851925	3838037	0.35	cps
Thallium	205-1	9473385	9444915	9516647	9478316	0.38	cps
Thorium	232-1	16153852	16082539	16035500	16090630	0.37	cps
Tin	118-1	2666047	2646923	2639183	2650718	0.52	cps
Titanium	47-1	2048519	2010657	2022728	2027301	0.95	cps
Uranium	238-1	15813100	15779148	15741767	15778005	0.23	cps
Vanadium	51-2	764441	772294	768132	768289	0.51	cps
Yttrium	89-1	5996325	6163245	6016383	6058651	1.50	cps
Yttrium	89-2	1022512	1059667	1027785	1036654	1.94	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	PB119375BS	Instrumnet Name :	P7
Client Sample ID :	PB119375BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 15:53:01	DataFile Name :	036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	286366	287820	289050	287745	0.47	cps
Zirconium	90-1	5311488	5200922	5283638	5265349	1.09	cps
Zirconium	91-1	1173639	1146764	1161392	1160598	1.16	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:05:53	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3751277	3769935	3773418	3764877	0.32	cps
Antimony	121-1	2950596	2931777	2914514	2932296	0.62	cps
Arsenic	75-1	590137	584419	573428	582661	1.46	cps
Barium	135-1	4043729	3991550	3990657	4008645	0.76	cps
Barium	137-1	7174110	7080105	7137859	7130691	0.66	cps
Beryllium	9-1	651615	643795	640902	645438	0.86	cps
Bismuth	209-1	5523898	5779017	5830091	5711002	2.87	cps
Bismuth	209-2	3236874	3606641	3412936	3418817	5.41	cps
Boron	10-1	104082	104862	105434	104793	0.65	cps
Boron	11-1	452027	454901	457240	454722	0.57	cps
Cadmium	111-1	791217	786538	782524	786760	0.55	cps
Cadmium	106-1	86237	86699	86522	86486	0.27	cps
Cadmium	108-1	59529	59487	59721	59579	0.21	cps
Calcium	43-1	4522001	4473797	4495609	4497136	0.54	cps
Calcium	44-1	74204800	72904654	73156527	73421993	0.94	cps
Chromium	52-2	896028	894518	898419	896321	0.22	cps
Cobalt	59-2	1295155	1288735	1295485	1293125	0.29	cps
Copper	63-2	1884241	1870838	1896671	1883917	0.69	cps
Dysprosium	156-1	67	92	83	81	15.80	cps
Dysprosium	156-2	90	93	140	108	25.94	cps
Erbium	164-1	92	50	42	61	43.83	cps
Erbium	164-2	20	33	37	30	29.40	cps
Gadolinium	160-1	83	108	42	78	43.30	cps
Gadolinium	160-2	123	147	170	147	15.91	cps
Holmium	165-1	8749315	9150027	9295148	9064830	3.12	cps
Holmium	165-2	4748425	5259436	5026864	5011575	5.11	cps
Indium	115-1	5372375	5590921	5715101	5559466	3.12	cps
Indium	115-2	1219839	1370284	1305231	1298451	5.81	cps
Iron	56-2	184917010	183248554	185003710	184389758	0.54	cps
Iron	57-2	4695340	4630866	4680609	4668938	0.72	cps
Krypton	83-1	150	140	143	144	3.52	cps
Lead	206-1	2928146	2907293	2937501	2924314	0.53	cps
Lead	207-1	2704220	2673556	2696526	2691434	0.59	cps
Lead	208-1	12228801	12097394	12202355	12176183	0.57	cps
Lithium	6-1	2038467	2106813	2123999	2089760	2.17	cps
Magnesium	24-2	38692754	38637405	38747858	38692672	0.14	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCV48 Instrumnet Name : P7
 Client Sample ID : CCV48 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 16:05:53 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1173231	1166297	1177142	1172223	0.47	cps
Molybdenum	94-1	6048781	6029408	6032950	6037046	0.17	cps
Molybdenum	95-1	7310806	7291752	7237079	7279879	0.53	cps
Molybdenum	96-1	8153188	8130181	8016221	8099864	0.91	cps
Molybdenum	97-1	4448691	4443203	4374011	4421968	0.94	cps
Molybdenum	98-1	11806021	11755809	11587284	11716372	0.98	cps
Neodymium	150-1	353	293	347	331	9.93	cps
Neodymium	150-2	63	57	70	63	10.52	cps
Nickel	60-2	310708	312323	313098	312043	0.39	cps
Phosphorus	31-2	32987	32837	34215	33347	2.27	cps
Potassium	39-2	19783047	19788763	19807157	19792989	0.06	cps
Rhodium	103-1	4361034	4570646	4648148	4526609	3.28	cps
Rhodium	103-2	2214331	2489854	2383130	2362438	5.88	cps
Scandium	45-1	3535489	3645398	3698661	3626516	2.29	cps
Scandium	45-2	179466	203332	194022	192273	6.26	cps
Selenium	77-2	2834	2750	2700	2761	2.44	cps
Selenium	78-2	9399	9322	9390	9370	0.45	cps
Selenium	82-1	52139	51754	51426	51773	0.69	cps
Silicon	28-1	2010763	2027037	2026061	2021287	0.45	cps
Silver	109-1	3433790	3402244	3383839	3406624	0.74	cps
Silver	107-1	3561708	3537434	3521073	3540072	0.58	cps
Sodium	23-2	76538289	76439929	76347693	76441970	0.12	cps
Strontium	86-1	991836	974618	978145	981533	0.93	cps
Strontium	88-1	8719847	8657872	8627305	8668342	0.54	cps
Sulfur	34-1	431998	425730	421965	426564	1.19	cps
Terbium	159-1	8867148	9267153	9368410	9167571	2.89	cps
Terbium	159-2	4606281	5096276	4869893	4857483	5.05	cps
Thallium	203-1	3611376	3574475	3588281	3591377	0.52	cps
Thallium	205-1	8860877	8875672	8849307	8861952	0.15	cps
Thorium	232-1	15696871	15525565	15484564	15569000	0.72	cps
Tin	118-1	2518965	2487542	2473003	2493170	0.94	cps
Titanium	47-1	2030614	2008651	1999235	2012834	0.80	cps
Uranium	238-1	15480122	15238540	15254860	15324507	0.88	cps
Vanadium	51-2	763986	766016	768176	766059	0.27	cps
Yttrium	89-1	5915374	6136145	6233068	6094862	2.67	cps
Yttrium	89-2	978064	1097728	1049146	1041646	5.78	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P7
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:05:53	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	304899	304425	306733	305352	0.40	cps
Zirconium	90-1	5190402	5135767	5143026	5156398	0.58	cps
Zirconium	91-1	1140876	1129877	1127209	1132654	0.64	cps

LB Number : LB107046 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P7
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-04 16:13:40 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	75	92	97	26.19	cps
Antimony	121-1	1667	1617	1642	1642	1.52	cps
Arsenic	75-1	-208	-403	-214	-275	-40.45	cps
Barium	135-1	200	125	92	139	39.95	cps
Barium	137-1	183	167	192	181	7.05	cps
Beryllium	9-1	220	157	223	200	18.78	cps
Bismuth	209-1	6608936	6672092	6632118	6637715	0.48	cps
Bismuth	209-2	3945809	3986821	3981196	3971275	0.56	cps
Boron	10-1	3526	3484	3251	3420	4.33	cps
Boron	11-1	15383	14357	14708	14816	3.52	cps
Cadmium	111-1	1577	1459	1613	1550	5.18	cps
Cadmium	106-1	2200	1992	2259	2150	6.52	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	125	200	133	153	26.91	cps
Calcium	44-1	5993	5977	6160	6043	1.68	cps
Chromium	52-2	557	530	620	569	8.13	cps
Cobalt	59-2	77	93	83	84	9.94	cps
Copper	63-2	410	400	417	409	2.05	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	33	0	22	86.60	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	143	120	160	141	14.24	cps
Holmium	165-1	9611762	9671543	9681175	9654827	0.39	cps
Holmium	165-2	5335518	5352049	5349899	5345822	0.17	cps
Indium	115-1	6619940	6622631	6616088	6619553	0.05	cps
Indium	115-2	1518594	1523360	1529395	1523783	0.36	cps
Iron	56-2	8080	7913	8503	8165	3.72	cps
Iron	57-2	217	228	239	228	4.88	cps
Krypton	83-1	167	160	130	152	12.83	cps
Lead	206-1	472	422	456	450	5.66	cps
Lead	207-1	356	394	422	391	8.57	cps
Lead	208-1	1783	1767	1867	1806	2.97	cps
Lithium	6-1	2421528	2432267	2431565	2428453	0.25	cps
Magnesium	24-2	1142	1217	1350	1236	8.54	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:13:40	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	90	100	86	19.99	cps
Molybdenum	94-1	1008	975	733	906	16.57	cps
Molybdenum	95-1	925	908	900	911	1.40	cps
Molybdenum	96-1	1150	1125	858	1045	15.48	cps
Molybdenum	97-1	600	608	475	561	13.31	cps
Molybdenum	98-1	1759	1642	1308	1570	14.88	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	83	67	66	28.00	cps
Phosphorus	31-2	58	58	75	64	15.05	cps
Potassium	39-2	10095	10579	10687	10454	3.02	cps
Rhodium	103-1	5757271	5772380	5747897	5759183	0.21	cps
Rhodium	103-2	2921920	2939254	2934662	2931945	0.31	cps
Scandium	45-1	4266788	4309577	4322037	4299467	0.67	cps
Scandium	45-2	220785	221083	221033	220967	0.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	35	44	41	12.91	cps
Selenium	82-1	112	98	96	102	8.75	cps
Silicon	28-1	102630	102567	101367	102188	0.70	cps
Silver	109-1	200	150	175	175	14.28	cps
Silver	107-1	233	275	250	253	8.30	cps
Sodium	23-2	14374	14049	13615	14013	2.72	cps
Strontium	86-1	400	367	325	364	10.33	cps
Strontium	88-1	350	283	392	342	15.99	cps
Sulfur	34-1	146127	144436	143855	144806	0.82	cps
Terbium	159-1	9869055	9919438	9797666	9862053	0.62	cps
Terbium	159-2	5251526	5263663	5241894	5252361	0.21	cps
Thallium	203-1	950	1008	992	983	3.06	cps
Thallium	205-1	2209	2075	2142	2142	3.11	cps
Thorium	232-1	1917	1856	1828	1867	2.44	cps
Tin	118-1	1008	874	925	936	7.25	cps
Titanium	47-1	158	133	183	158	15.79	cps
Uranium	238-1	408	458	275	381	24.90	cps
Vanadium	51-2	30	13	30	24	39.37	cps
Yttrium	89-1	7010401	7055846	6993957	7020068	0.46	cps
Yttrium	89-2	1174546	1178152	1183975	1178891	0.40	cps

LB Number :	LB107046	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P7
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-06-04 16:13:40	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	217	260	238	9.12	cps
Zirconium	90-1	883	983	867	911	6.93	cps
Zirconium	91-1	150	150	183	161	11.94	cps