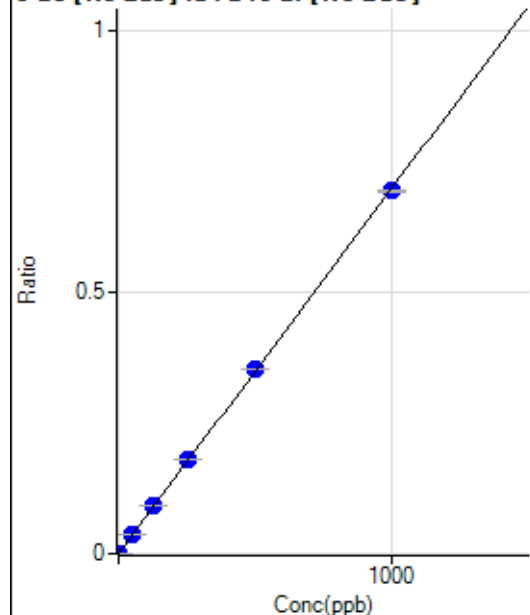


Batch Folder: D:\ICP-MS Data\P7060919MS.b\
Analysis File: P7060919MS.batch.bin
DA Date-Time: 2019-06-10 01:57:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-09 16:25:51
2	004CALS.d	S01	2019-06-09 16:29:26
3	005CALS.d	S02	2019-06-09 16:33:41
4	006CALS.d	S03	2019-06-09 16:37:37
5	008CALS.d	S04	2019-06-09 16:46:00
6	009CALS.d	S05	2019-06-09 16:49:52
7	010CALS.d	S06	2019-06-09 16:53:43
8	011CALS.d	S07	2019-06-09 16:57:33
9	012CALS.d	S08	2019-06-09 17:01:20

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	3.5
2	☐	0.100	0.114	183.34	0.0001	P	14.3
3	☐	1.000	0.962	1115.61	0.0007	P	1.4
4	☐	50.000	52.899	55471.93	0.0370	P	0.3
5	☐	125.000	132.661	134755.07	0.0927	P	0.4
6	☐	250.000	256.025	246267.59	0.1789	P	0.2
7	☐	500.000	506.599	479937.05	0.3539	P	0.4
8	☐	1000.000	994.092	929903.76	0.6945	P	0.4
9	☐			284.45	0.0002	P	12.1

$$y = 6.9854E-004 * x + 3.9989E-005$$

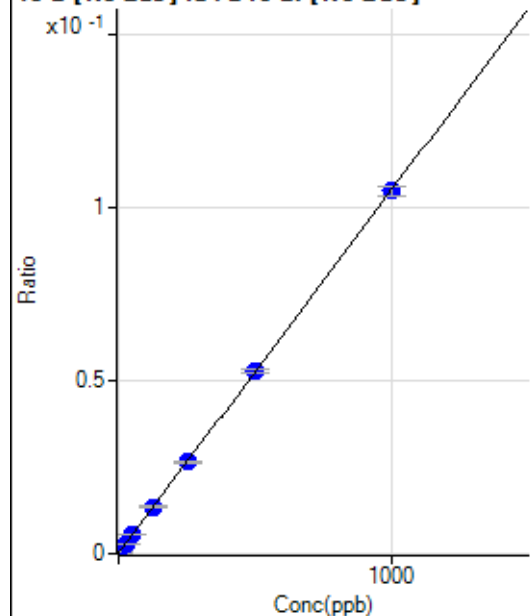
$$R = 0.9999$$

$$DL = 0.005957$$

$$BEC = 0.05725$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0002	P	13.4
2	☐	2.500	2.559	650.04	0.0004	P	26.4
3	☐	25.000	23.152	4050.71	0.0026	P	6.2
4	☐	50.000	50.725	8210.87	0.0055	P	2.3
5	☐	125.000	127.125	19602.26	0.0135	P	2.2
6	☐	250.000	251.047	36458.90	0.0265	P	1.7
7	☐	500.000	503.381	71798.60	0.0529	P	2.1
8	☐	1000.000	997.792	140321.32	0.1048	P	3.0
9	☐			6935.25	0.0054	P	7.5

$$y = 1.0487E-004 * x + 1.5623E-004$$

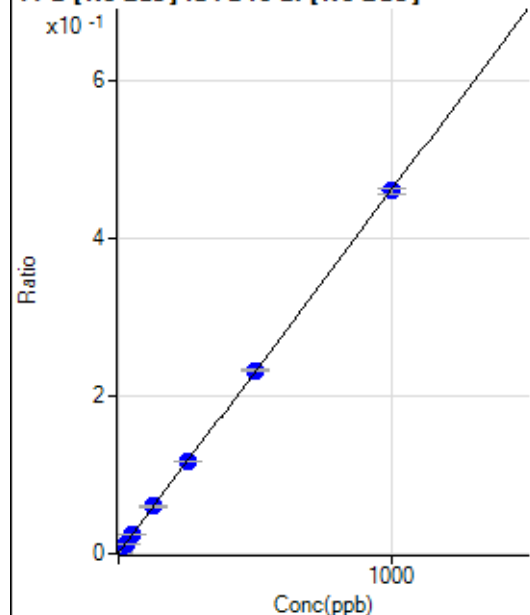
$$R = 1.0000$$

$$DL = 0.5994$$

$$BEC = 1.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.10	0.0008	P	8.0
2	☐	2.500	2.253	2769.82	0.0018	P	5.5
3	☐	25.000	22.937	17752.69	0.0113	P	1.0
4	☐	50.000	51.404	36631.35	0.0244	P	1.0
5	☐	125.000	128.548	87103.94	0.0599	P	1.9
6	☐	250.000	252.070	160774.47	0.1168	P	1.5
7	☐	500.000	503.374	315226.84	0.2325	P	1.8
8	☐	1000.000	997.334	615685.43	0.4598	P	1.4
9	☐			29262.63	0.0230	P	8.2

$$y = 4.6026\text{E-}004 * x + 7.6898\text{E-}004$$

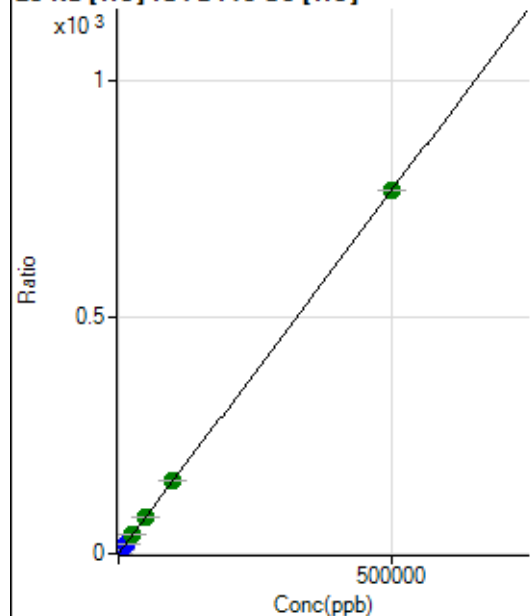
$$R = 1.0000$$

$$DL = 0.4028$$

$$BEC = 1.671$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3036.55	0.0210	P	3.1
2	☐	50.000	48.998	13681.75	0.0964	P	3.3
3	☐	500.000	486.693	108152.08	0.7691	P	0.9
4	☐	5000.000	5213.056	1100396.36	8.0336	P	2.1
5	☐	12500.000	13199.600	2638912.60	20.3090	P	0.2
6	☐	25000.000	25477.161	4919161.70	39.1797	A	0.4
7	☐	50000.000	50537.634	9816960.29	77.6980	A	0.5
8	☐	100000.00	100608.09	19280998.52	154.6569	A	0.3
9	☐	500000.00	499781.15	94260250.72	768.1908	A	0.1

$$y = 0.0015 * x + 0.0210$$

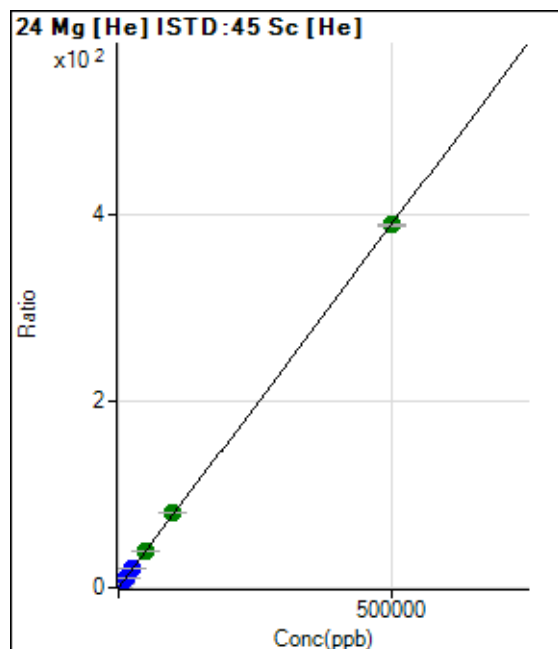
$$R = 1.0000$$

$$DL = 1.271$$

$$BEC = 13.69$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.03	0.0040	P	19.6
2	☐	50.000	51.363	6254.33	0.0440	P	4.7
3	☐	500.000	518.203	57388.67	0.4081	P	0.8
4	☐	5000.000	5277.989	564321.29	4.1200	P	2.2
5	☐	12500.000	13524.241	1370931.91	10.5507	P	0.5
6	☐	25000.000	26007.132	2546898.84	20.2853	P	0.1
7	☐	50000.000	51036.965	5029185.05	39.8044	A	0.5
8	☐	100000.00	102135.11	9930172.62	79.6526	A	0.4
9	☐	500000.00	499390.51	47786992.39	389.4464	A	0.4

$$y = 7.7984\text{E-}004 * x + 0.0040$$

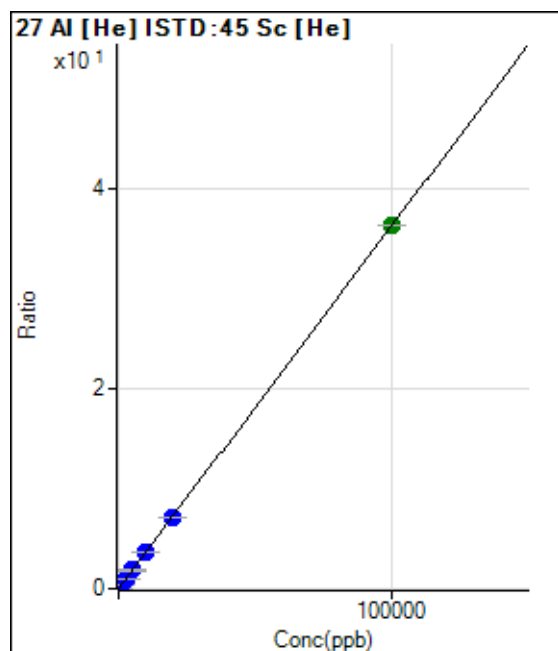
$$R = 1.0000$$

$$DL = 3.007$$

$$BEC = 5.119$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0007	P	38.7
2	☐	2.000	2.239	219.46	0.0015	P	1.8
3	☐	20.000	19.841	1113.97	0.0079	P	3.3
4	☐	1000.000	1018.094	50622.85	0.3695	P	2.2
5	☐	2500.000	2602.098	122579.06	0.9434	P	0.4
6	☐	5000.000	5061.496	230303.67	1.8343	P	1.2
7	☐	10000.000	9955.668	455766.43	3.6072	P	0.9
8	☐	20000.000	19769.426	892908.25	7.1624	P	0.7
9	☐	100000.00	100044.74	4447109.17	36.2427	A	0.2

$$y = 3.6226\text{E-}004 * x + 7.3416\text{E-}004$$

$$R = 1.0000$$

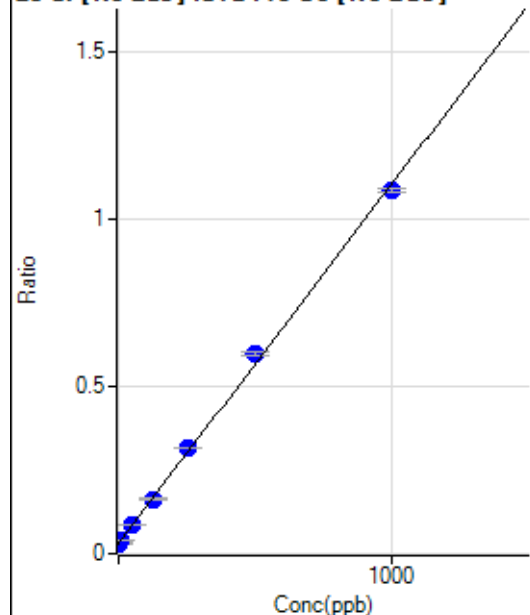
$$DL = 2.355$$

$$BEC = 2.027$$

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	92619.44	0.0309	P	0.5
2	☐	1.000	0.884	95825.40	0.0318	P	1.2
3	☐	10.000	8.189	122957.92	0.0397	P	0.2
4	☐	50.000	53.530	255498.56	0.0883	P	0.7
5	☐	125.000	123.517	457232.15	0.1635	P	1.4
6	☐	250.000	266.456	836361.40	0.3169	P	0.9
7	☐	500.000	527.950	1573747.19	0.5976	P	1.4
8	☐	1000.000	981.938	2829983.94	1.0849	P	0.9
9	☐			380854.34	0.1555	P	2.6

$$y = 0.0011 * x + 0.0309$$

$$R = 0.9993$$

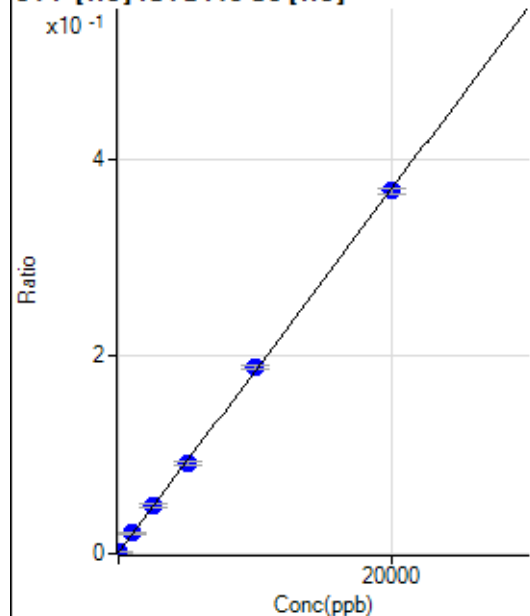
$$DL = 0.4287$$

$$BEC = 28.76$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.089	122.23	0.0008	P	15.5
2	☐	0.000	-11.359	122.23	0.0009	P	25.4
3	☐	0.000	23.448	211.12	0.0015	P	16.4
4	☐	1000.000	1080.884	2875.40	0.0210	P	5.9
5	☐	2500.000	2590.039	6337.72	0.0488	P	5.9
6	☐	5000.000	4960.601	11607.75	0.0924	P	4.3
7	☐	10000.000	10193.927	23858.72	0.1888	P	2.4
8	☐	20000.000	19897.587	45824.26	0.3676	P	1.3
9	☐			133.34	0.0011	P	28.6

$$y = 1.8420E-005 * x + 0.0011$$

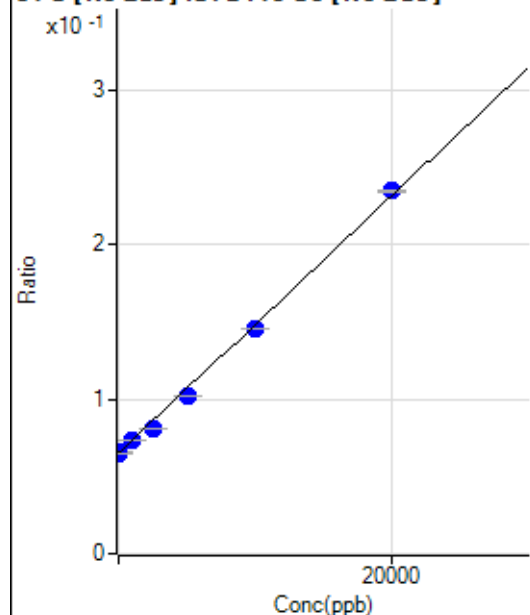
$$R = 0.9999$$

$$DL = 32.37$$

$$BEC = 58.06$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.710	196191.77	0.0654	P	0.3
2	☐	0.000	75.427	198820.51	0.0660	P	1.6
3	☐	0.000	-74.718	200817.58	0.0648	P	0.2
4	☐	1000.000	1001.294	213274.70	0.0737	P	0.9
5	☐	2500.000	1884.273	226836.95	0.0811	P	0.3
6	☐	5000.000	4406.717	269408.84	0.1021	P	0.3
7	☐	10000.000	9681.855	384428.62	0.1460	P	0.4
8	☐	20000.000	20384.294	613089.51	0.2350	P	0.3
9	☐			143168.30	0.0584	P	1.5

$$y = 8.3213\text{E-}006 * x + 0.0654$$

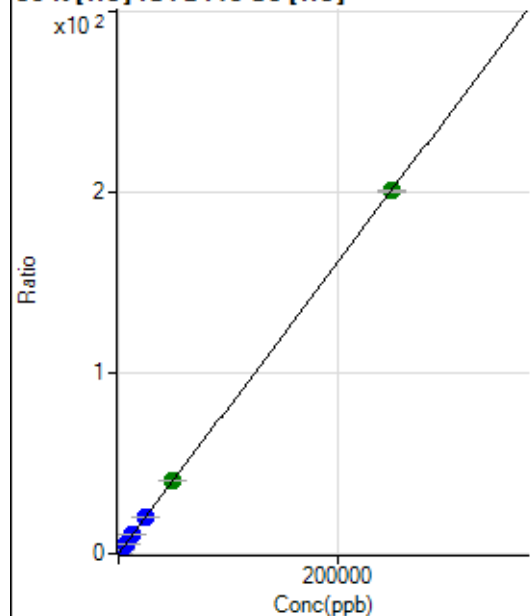
R = 0.9990

DL = 168.6

BEC = 7860

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10570.83	0.0733	P	3.2
2	☐	50.000	46.860	15742.23	0.1109	P	1.4
3	☐	500.000	488.154	65375.01	0.4649	P	2.0
4	☐	2500.000	2647.833	301010.29	2.1976	P	2.2
5	☐	6250.000	6627.383	700405.24	5.3903	P	0.6
6	☐	12500.000	12931.408	1311774.02	10.4479	P	0.4
7	☐	25000.000	25689.814	2613384.57	20.6838	P	0.3
8	☐	50000.000	50663.686	5076501.03	40.7200	A	0.3
9	☐	250000.00	249765.82	24596980.76	200.4569	A	0.2

$$y = 8.0229\text{E-}004 * x + 0.0733$$

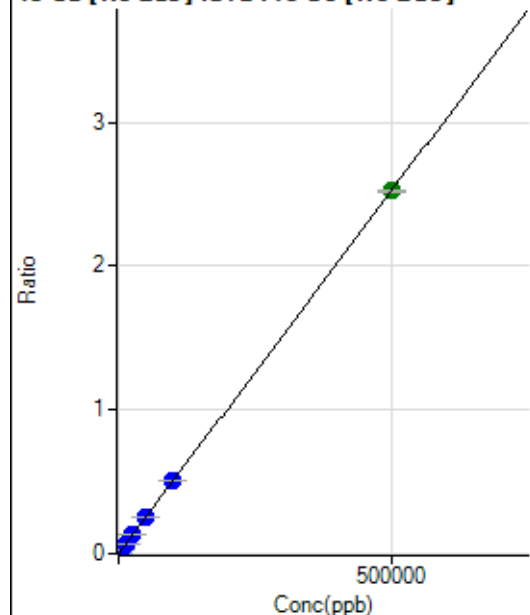
R = 1.0000

DL = 8.678

BEC = 91.31

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	15.0
2	☐	50.000	51.412	925.07	0.0003	P	13.0
3	☐	500.000	458.933	7324.28	0.0024	P	5.0
4	☐	5000.000	5145.342	75208.08	0.0260	P	0.7
5	☐	12500.000	12943.792	182790.64	0.0653	P	0.1
6	☐	25000.000	25415.104	338482.65	0.1282	P	0.2
7	☐	50000.000	50376.335	669340.30	0.2542	P	0.2
8	☐	100000.00	100530.54	1322897.02	0.5071	P	0.2
9	☐	500000.00	499822.99	6176256.22	2.5212	A	0.2

$$y = 5.0441\text{E-}006 * x + 4.8180\text{E-}005$$

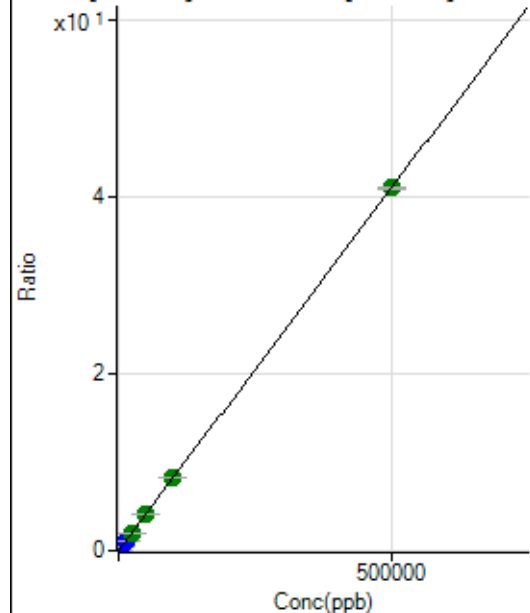
$$R = 1.0000$$

$$DL = 4.312$$

$$BEC = 9.552$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3975.72	0.0013	P	5.0
2	☐	50.000	46.080	15372.43	0.0051	P	3.0
3	☐	500.000	460.956	121336.23	0.0391	P	0.6
4	☐	5000.000	5091.752	1212095.04	0.4191	P	0.2
5	☐	12500.000	12938.469	2973341.34	1.0628	P	0.3
6	☐	25000.000	25109.055	5440518.00	2.0613	A	0.4
7	☐	50000.000	49798.152	10763120.64	4.0869	A	0.7
8	☐	100000.00	99884.430	21379820.10	8.1961	A	0.3
9	☐	500000.00	500026.00	100497639.0	41.0245	A	0.2

$$y = 8.2042\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

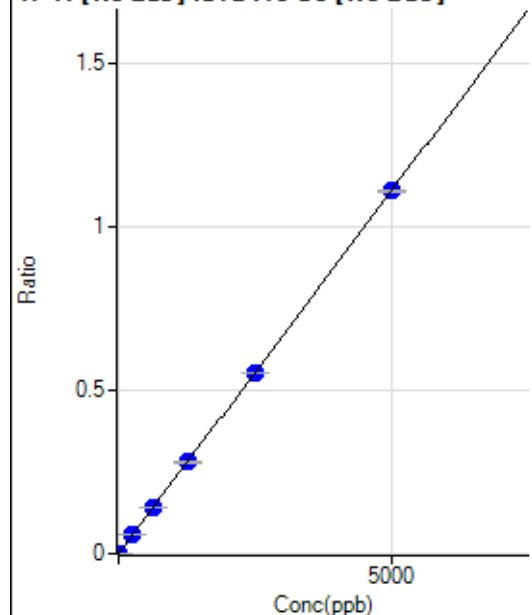
$$DL = 2.406$$

$$BEC = 16.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	36.1
2	☐	0.500	0.474	411.14	0.0001	P	10.8
3	☐	5.000	5.124	3620.03	0.0012	P	1.2
4	☐	250.000	254.863	163542.94	0.0565	P	0.6
5	☐	625.000	639.490	396767.84	0.1418	P	0.7
6	☐	1250.000	1258.926	736838.53	0.2792	P	0.1
7	☐	2500.000	2493.525	1456178.79	0.5529	P	0.5
8	☐	5000.000	4998.951	2891477.32	1.1085	P	0.2
9	☐			1386.24	0.0006	P	5.5

$$y = 2.2173\text{E-}004 * x + 3.1511\text{E-}005$$

$$R = 1.0000$$

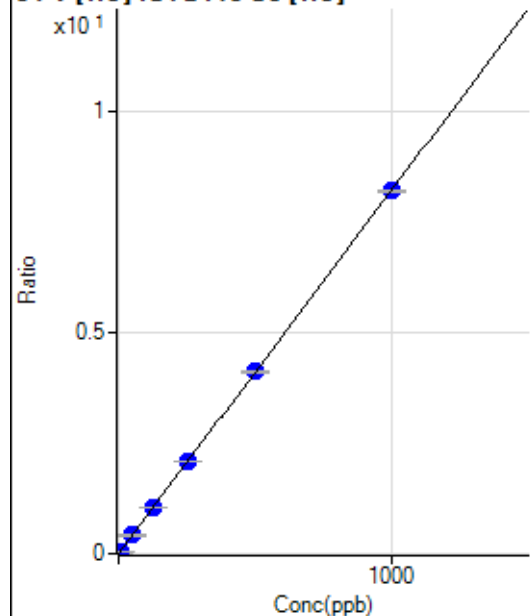
$$DL = 0.1537$$

$$BEC = 0.1421$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0001	P	36.3
2	☐	0.500	0.477	571.13	0.0040	P	4.8
3	☐	5.000	4.894	5672.29	0.0403	P	1.8
4	☐	50.000	50.811	57228.24	0.4178	P	2.8
5	☐	125.000	129.129	137956.73	1.0617	P	0.5
6	☐	250.000	252.963	261123.61	2.0798	P	0.9
7	☐	500.000	500.241	519641.77	4.1128	P	0.7
8	☐	1000.000	998.582	1023521.78	8.2098	P	0.2
9	☐			194.45	0.0016	P	5.5

$$y = 0.0082 * x + 1.0028\text{E-}004$$

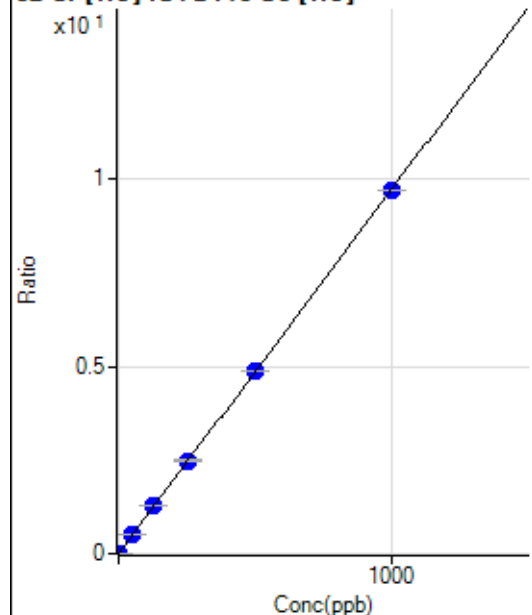
$$R = 1.0000$$

$$DL = 0.01329$$

$$BEC = 0.0122$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.57	0.0029	P	16.5
2	☐	0.200	0.167	648.91	0.0046	P	7.5
3	☐	2.000	1.918	3038.14	0.0216	P	4.5
4	☐	50.000	51.689	69280.81	0.5058	P	2.3
5	☐	125.000	131.574	166707.36	1.2830	P	0.5
6	☐	250.000	255.519	312476.72	2.4888	P	0.4
7	☐	500.000	502.596	618151.01	4.8925	P	0.6
8	☐	1000.000	996.417	1208888.58	9.6966	P	0.1
9	☐			8976.17	0.0732	P	2.6

$$y = 0.0097 * x + 0.0029$$

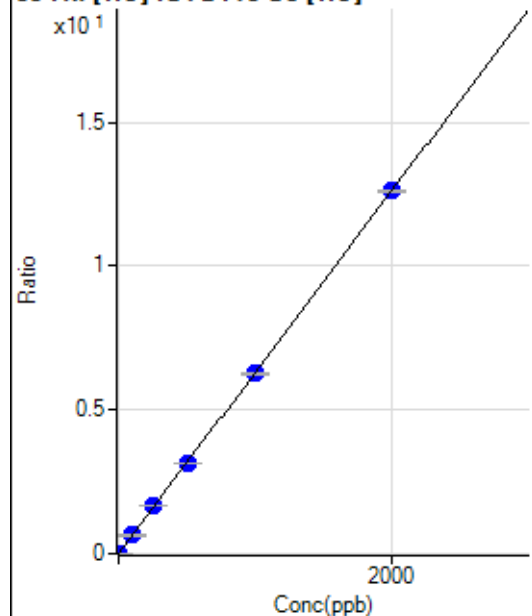
$$R = 1.0000$$

$$DL = 0.1503$$

$$BEC = 0.303$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0003	P	49.6
2	☐	0.100	0.098	124.45	0.0009	P	37.0
3	☐	1.000	1.021	941.16	0.0067	P	13.7
4	☐	100.000	100.949	87136.87	0.6361	P	1.5
5	☐	250.000	262.615	214965.93	1.6544	P	0.4
6	☐	500.000	502.001	397024.11	3.1622	P	0.5
7	☐	1000.000	992.887	790200.40	6.2541	P	0.3
8	☐	2000.000	2001.432	1571674.89	12.6066	P	0.3
9	☐			6125.81	0.0499	P	0.6

$$y = 0.0063 * x + 2.6230E-004$$

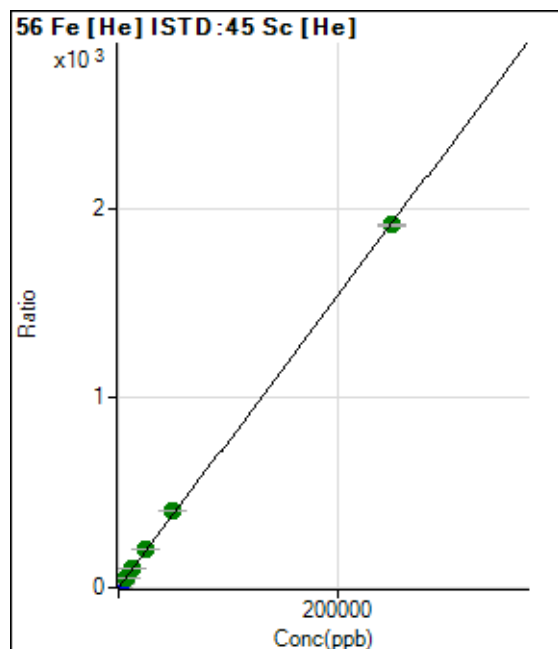
$$R = 1.0000$$

$$DL = 0.0619$$

$$BEC = 0.04164$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4287.79	0.0297	P	3.7
2	☐	5.000	5.457	10175.98	0.0717	P	4.0
3	☐	50.000	55.890	64597.47	0.4594	P	1.3
4	☐	2500.000	2775.989	2927290.75	21.3704	P	1.9
5	☐	6250.000	6916.517	6912866.71	53.2010	A	0.3
6	☐	12500.000	13536.770	13069477.95	104.0948	A	0.5
7	☐	25000.000	26719.423	25956553.36	205.4376	A	0.5
8	☐	50000.000	53086.571	50881698.82	408.1373	A	0.4
9	☐	250000.00	249139.48	235014290.4	1,915.310	A	0.3

$$y = 0.0077 * x + 0.0297$$

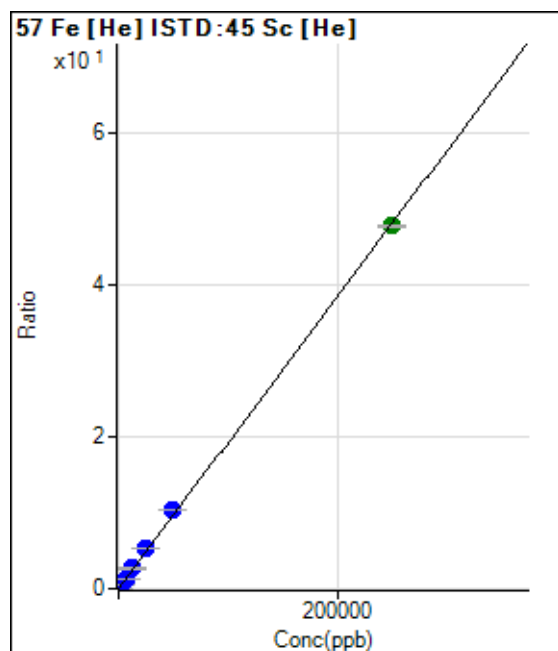
$$R = 0.9999$$

$$DL = 0.4265$$

$$BEC = 3.865$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162.97	0.0011	P	10.1
2	☐	5.000	5.654	314.83	0.0022	P	13.7
3	☐	50.000	55.301	1651.99	0.0117	P	4.3
4	☐	2500.000	2829.200	74561.46	0.5443	P	2.3
5	☐	6250.000	7114.917	177648.11	1.3672	P	0.7
6	☐	12500.000	13859.351	334227.97	2.6620	P	0.5
7	☐	25000.000	27265.732	661556.99	5.2360	P	0.6
8	☐	50000.000	53980.966	1292197.77	10.3652	P	0.5
9	☐	250000.00	248884.35	5863411.76	47.7855	A	0.5

$$y = 1.9199E-004 * x + 0.0011$$

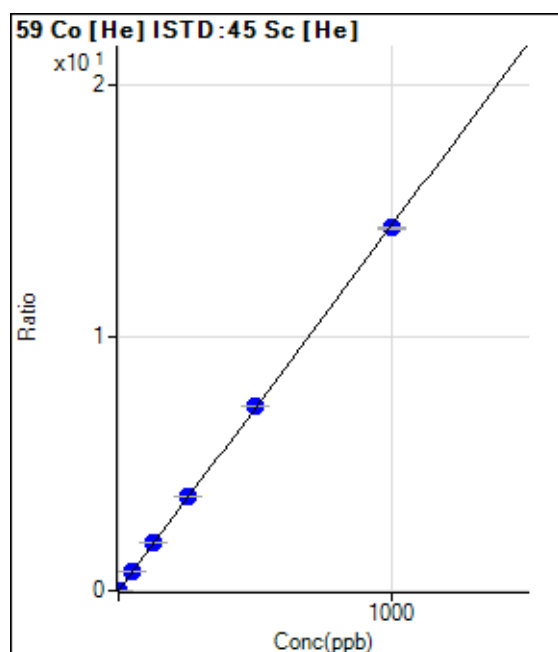
$$R = 0.9998$$

$$DL = 1.792$$

$$BEC = 5.888$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0004	P	6.6
2	☐	0.100	0.089	238.90	0.0017	P	7.3
3	☐	1.000	0.999	2082.41	0.0148	P	5.0
4	☐	50.000	52.964	104733.56	0.7647	P	2.6
5	☐	125.000	133.053	249522.16	1.9203	P	0.5
6	☐	250.000	258.928	469156.76	3.7367	P	0.2
7	☐	500.000	505.489	921641.89	7.2946	P	0.8
8	☐	1000.000	993.869	1787955.22	14.3418	P	0.5
9	☐			20111.74	0.1639	P	2.9

$$y = 0.0144 * x + 3.9279E-004$$

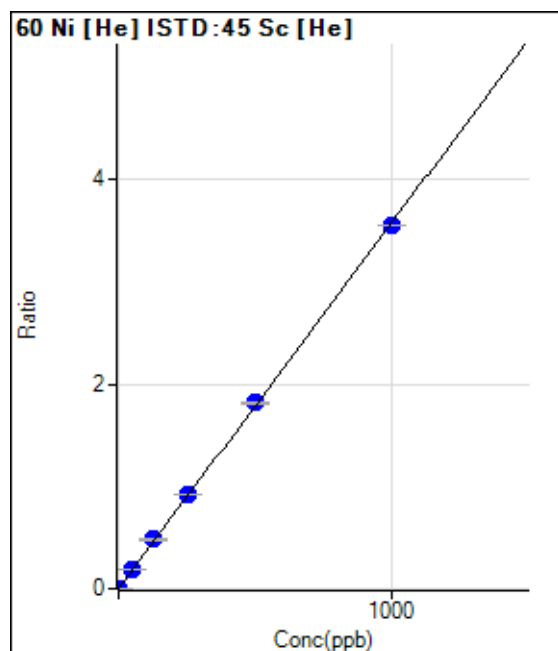
$$R = 0.9999$$

$$DL = 0.005396$$

$$BEC = 0.02722$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0003	P	29.3
2	☐	0.100	0.138	115.56	0.0008	P	37.0
3	☐	1.000	1.031	563.36	0.0040	P	5.1
4	☐	50.000	54.075	26520.83	0.1936	P	0.2
5	☐	125.000	134.624	62554.00	0.4814	P	1.0
6	☐	250.000	259.469	116460.75	0.9276	P	0.3
7	☐	500.000	508.119	229472.63	1.8162	P	0.3
8	☐	1000.000	992.167	442079.98	3.5460	P	0.1
9	☐			5179.88	0.0422	P	2.1

$$y = 0.0036 * x + 3.2232E-004$$

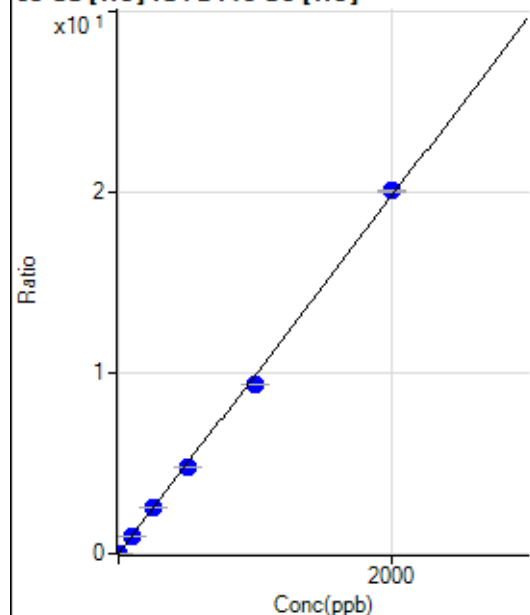
$$R = 0.9999$$

$$DL = 0.07935$$

$$BEC = 0.09019$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	342.23	0.0024	P	8.5
2	☐	0.200	0.183	593.35	0.0042	P	4.2
3	☐	2.000	1.923	3005.91	0.0214	P	2.1
4	☐	100.000	100.500	136354.25	0.9954	P	1.8
5	☐	250.000	255.604	328485.31	2.5280	P	0.5
6	☐	500.000	486.222	603511.70	4.8068	P	0.4
7	☐	1000.000	945.715	1181004.67	9.3471	P	0.1
8	☐	2000.000	2029.862	2500823.29	20.0598	P	0.4
9	☐			2894.78	0.0236	P	2.7

$$y = 0.0099 * x + 0.0024$$

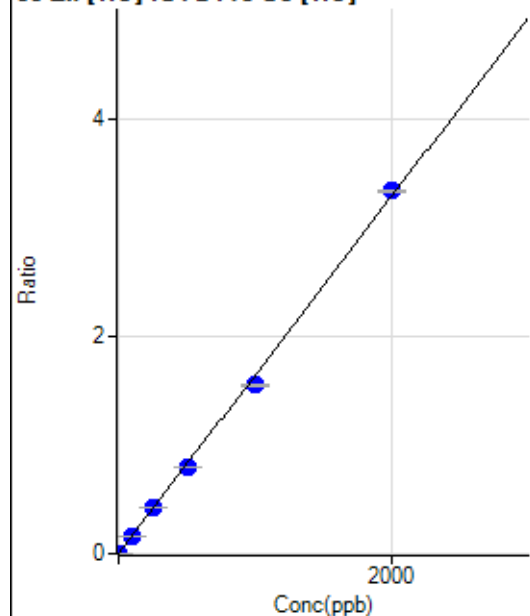
$$R = 0.9994$$

$$DL = 0.06137$$

$$BEC = 0.2402$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	154.45	0.0011	P	13.4
2	☐	0.200	0.851	351.14	0.0025	P	65.6
3	☐	2.000	2.008	615.58	0.0044	P	1.6
4	☐	100.000	98.210	22294.98	0.1628	P	2.3
5	☐	250.000	256.164	54941.93	0.4228	P	0.4
6	☐	500.000	483.937	100172.56	0.7979	P	0.9
7	☐	1000.000	943.130	196332.61	1.5539	P	0.7
8	☐	2000.000	2031.770	417177.29	3.3463	P	0.4
9	☐			3057.03	0.0249	P	2.6

$$y = 0.0016 * x + 0.0011$$

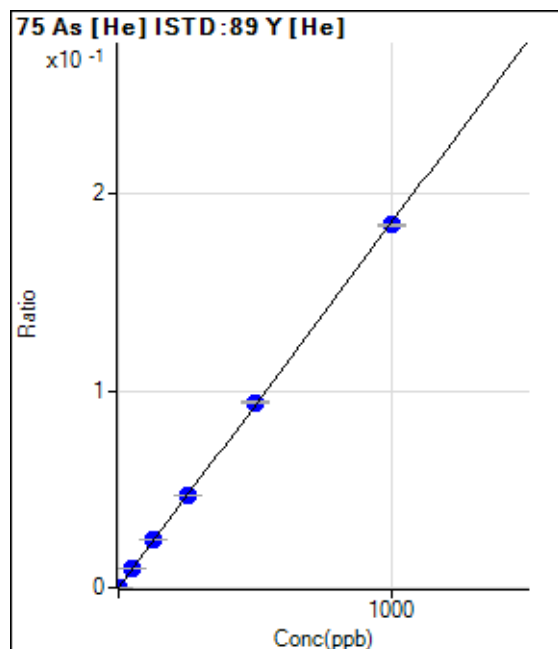
$$R = 0.9994$$

$$DL = 0.2618$$

$$BEC = 0.651$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.32	0.0000	P	64.2
2	☐	0.100	0.142	24.69	0.0000	P	18.5
3	☐	1.000	1.068	156.18	0.0002	P	28.1
4	☐	50.000	52.295	7328.44	0.0097	P	2.3
5	☐	125.000	131.090	17497.01	0.0243	P	1.5
6	☐	250.000	255.338	33549.14	0.0473	P	0.1
7	☐	500.000	508.032	66449.51	0.0942	P	0.3
8	☐	1000.000	993.774	129887.06	0.1842	P	0.7
9	☐			175.31	0.0003	P	10.8

$$y = 1.8536E-004 * x + 5.4357E-006$$

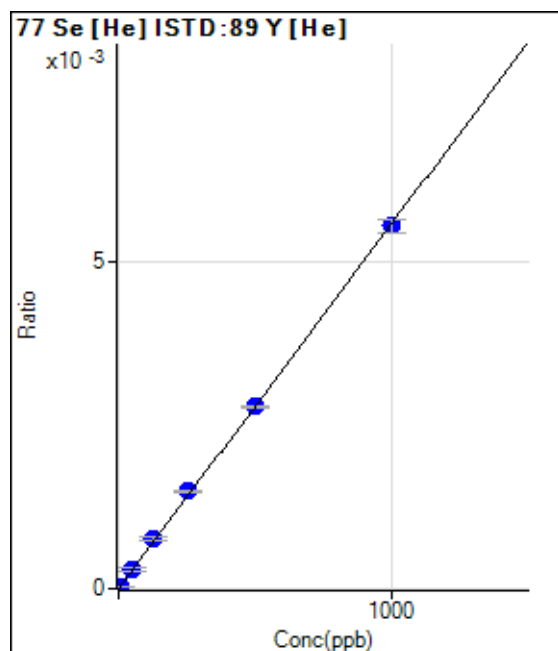
$$R = 0.9999$$

$$DL = 0.05646$$

$$BEC = 0.02933$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.000	0.00	0.0000	P	
3	☐	5.000	5.720	24.44	0.0000	P	31.5
4	☐	50.000	52.704	221.12	0.0003	P	26.5
5	☐	125.000	137.553	551.13	0.0008	P	8.1
6	☐	250.000	267.075	1053.39	0.0015	P	2.6
7	☐	500.000	498.625	1957.94	0.0028	P	0.2
8	☐	1000.000	994.711	3902.82	0.0055	P	3.9
9	☐			2.22	0.0000	P	173.

$$y = 5.5650E-006 * x + 0.0000E+000$$

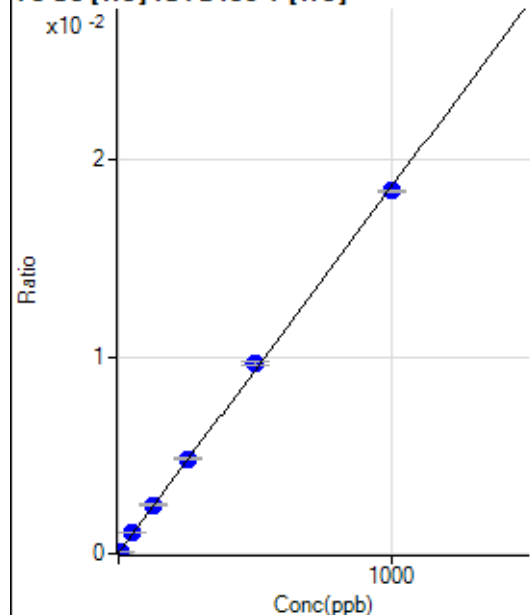
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.16	0.0000	P	16.0
2	☐	0.500	0.498	33.95	0.0000	P	27.8
3	☐	5.000	4.850	95.68	0.0001	P	11.8
4	☐	50.000	54.474	792.62	0.0010	P	2.6
5	☐	125.000	131.349	1785.31	0.0025	P	4.3
6	☐	250.000	257.475	3422.04	0.0048	P	3.2
7	☐	500.000	516.432	6808.45	0.0096	P	1.8
8	☐	1000.000	988.899	13005.89	0.0184	P	0.7
9	☐			30.86	0.0000	P	34.4

$$y = 1.8618\text{E-}005 * x + 3.4331\text{E-}005$$

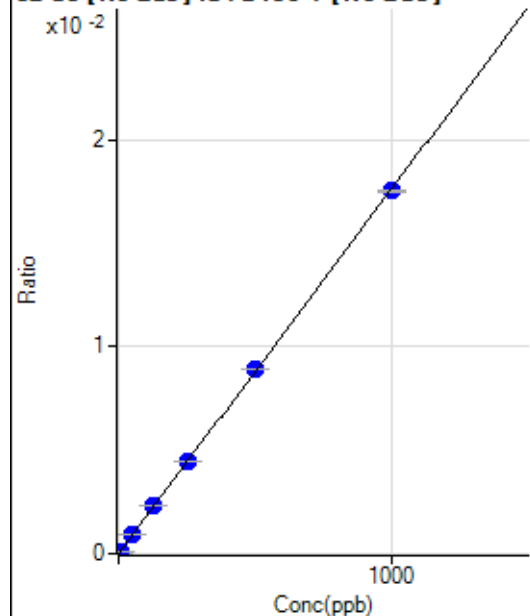
$$R = 0.9998$$

$$DL = 0.886$$

$$BEC = 1.844$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.11	0.0000	P	261.
2	☐	0.500	0.684	71.48	0.0000	P	24.6
3	☐	5.000	5.157	454.54	0.0001	P	5.3
4	☐	50.000	51.911	4210.55	0.0009	P	2.7
5	☐	125.000	130.894	10412.55	0.0023	P	1.3
6	☐	250.000	253.666	19557.25	0.0045	P	0.8
7	☐	500.000	506.039	38692.75	0.0089	P	0.5
8	☐	1000.000	995.231	75414.25	0.0175	P	0.2
9	☐			63.25	0.0000	P	74.4

$$y = 1.7616\text{E-}005 * x + 2.9794\text{E-}006$$

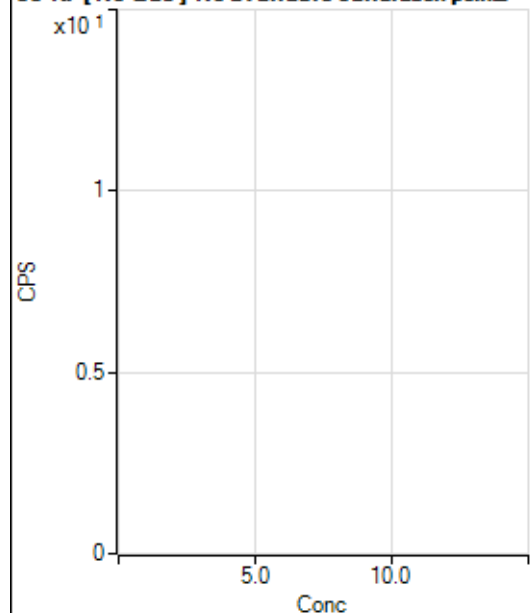
$$R = 1.0000$$

$$DL = 1.324$$

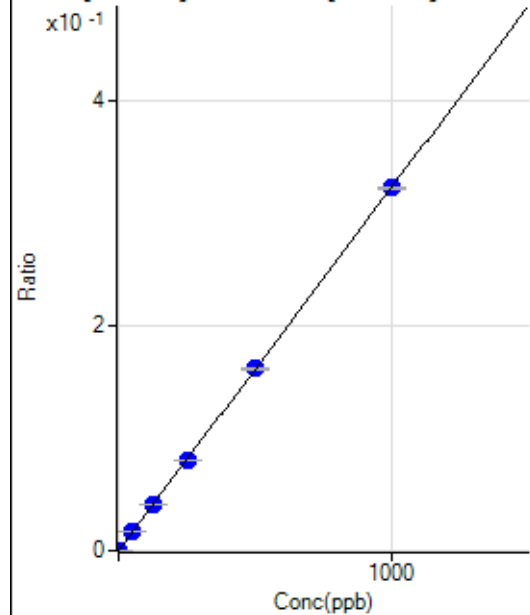
$$BEC = 0.1691$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			134.45		P	17.4
2	☐			121.11		P	15.7
3	☐			127.78		P	17.4
4	☐			144.45		P	16.7
5	☐			141.12		P	15.0
6	☐			124.45		P	25.3
7	☐			124.45		P	34.5
8	☐			122.23		P	17.7
9	☐			132.23		P	15.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	247.23	0.0001	P	12.9
2	☐	0.100	0.108	413.91	0.0001	P	13.7
3	☐	1.000	0.888	1639.06	0.0003	P	9.6
4	☐	50.000	51.020	75741.55	0.0165	P	0.5
5	☐	125.000	127.432	185549.25	0.0411	P	0.6
6	☐	250.000	250.620	353666.50	0.0809	P	0.4
7	☐	500.000	500.673	700700.84	0.1615	P	0.4
8	☐	1000.000	999.154	1385806.20	0.3222	P	0.4
9	☐			5459.62	0.0014	P	3.5

$$y = 3.2244\text{E-}004 * x + 5.2120\text{E-}005$$

$$R = 1.0000$$

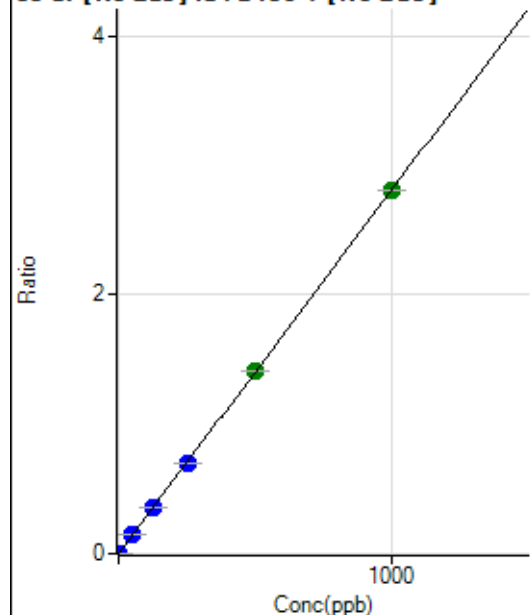
$$DL = 0.06243$$

$$BEC = 0.1616$$

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	308.35	0.0001	P	2.6
2	☐	0.100	0.086	1461.25	0.0003	P	4.7
3	☐	1.000	0.934	13020.31	0.0027	P	2.0
4	☐	50.000	50.970	657521.93	0.1433	P	0.7
5	☐	125.000	128.840	1632897.80	0.3620	P	1.0
6	☐	250.000	249.808	3069885.61	0.7019	P	0.3
7	☐	500.000	502.432	6125099.27	1.4116	A	0.4
8	☐	1000.000	998.304	12062732.30	2.8047	A	0.2
9	☐			46949.96	0.0118	P	0.7

$$y = 0.0028 * x + 6.4997E-005$$

$$R = 1.0000$$

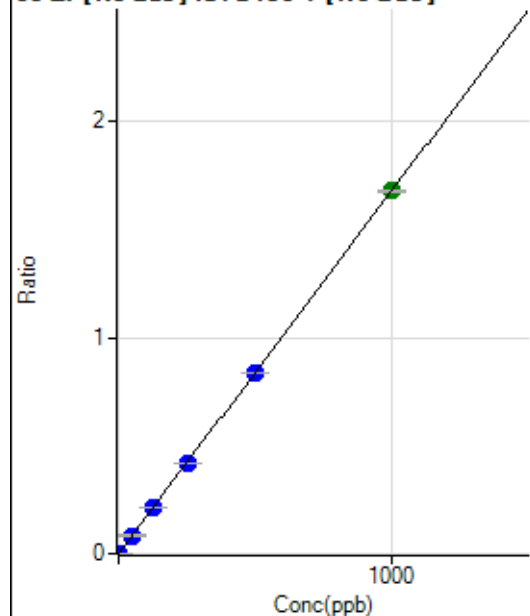
$$DL = 0.001783$$

$$BEC = 0.02314$$

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	411.13	0.0001	P	3.0
2	☐	0.100	0.074	1005.63	0.0002	P	9.9
3	☐	1.000	0.860	7407.77	0.0015	P	6.0
4	☐	50.000	50.210	387166.01	0.0844	P	1.2
5	☐	125.000	128.807	975446.79	0.2163	P	0.1
6	☐	250.000	248.394	1823816.82	0.4170	P	0.5
7	☐	500.000	498.459	3630495.31	0.8367	P	0.6
8	☐	1000.000	1000.686	7223878.03	1.6796	A	0.4
9	☐			2475.33	0.0006	P	9.6

$$y = 0.0017 * x + 8.6662E-005$$

$$R = 1.0000$$

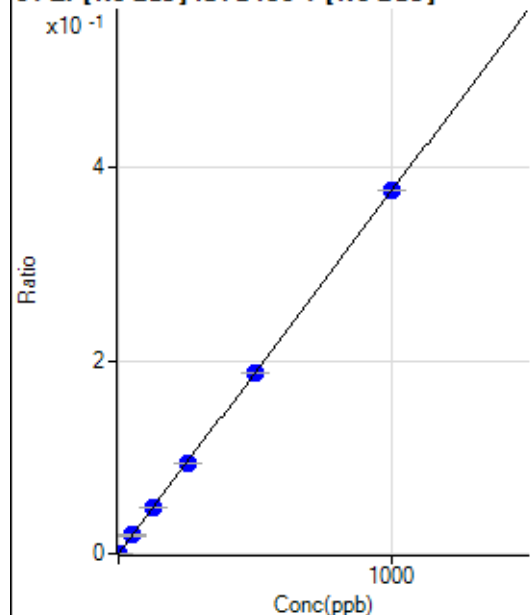
$$DL = 0.004579$$

$$BEC = 0.05163$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	0.1
2	☐	0.100	0.096	272.24	0.0001	P	8.6
3	☐	1.000	0.918	1772.40	0.0004	P	7.8
4	☐	50.000	50.704	87511.62	0.0191	P	1.9
5	☐	125.000	129.101	218836.03	0.0485	P	0.5
6	☐	250.000	248.522	408429.94	0.0934	P	0.4
7	☐	500.000	498.734	813044.62	0.1874	P	0.5
8	☐	1000.000	1000.455	1616503.14	0.3759	P	0.0
9	☐			519.48	0.0001	P	5.2

$$y = 3.7566E-004 * x + 2.1080E-005$$

$$R = 1.0000$$

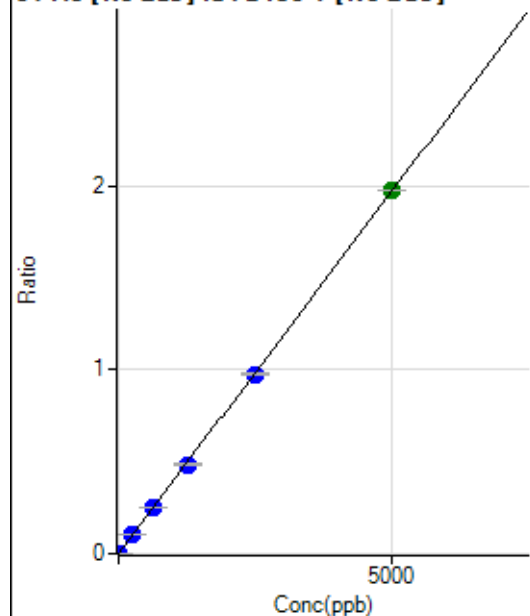
$$DL = 0.0002411$$

$$BEC = 0.05611$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0001	P	19.2
2	☐	0.500	0.440	1063.98	0.0002	P	7.7
3	☐	5.000	4.682	9169.95	0.0019	P	1.4
4	☐	250.000	253.466	458080.30	0.0998	P	0.6
5	☐	625.000	642.100	1140016.34	0.2528	P	0.8
6	☐	1250.000	1234.443	2125225.31	0.4859	P	0.5
7	☐	2500.000	2480.688	4236632.34	0.9764	P	0.3
8	☐	5000.000	5011.235	8482814.43	1.9724	A	0.1
9	☐			4992.77	0.0013	P	5.4

$$y = 3.9358E-004 * x + 5.0362E-005$$

$$R = 1.0000$$

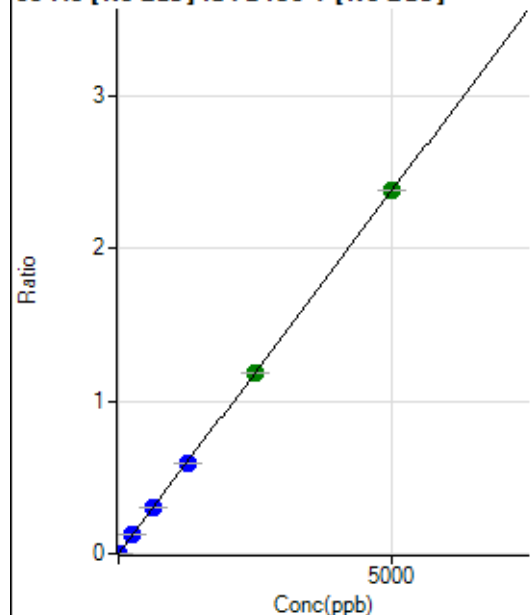
$$DL = 0.07389$$

$$BEC = 0.128$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	19.9
2	☐	0.500	0.444	1169.54	0.0002	P	6.5
3	☐	5.000	4.959	11569.05	0.0024	P	2.1
4	☐	250.000	255.784	557329.67	0.1214	P	0.3
5	☐	625.000	644.493	1379755.64	0.3059	P	0.3
6	☐	1250.000	1247.834	2590425.93	0.5923	P	0.4
7	☐	2500.000	2490.104	5128133.10	1.1818	A	0.2
8	☐	5000.000	5002.764	10211821.32	2.3744	A	0.1
9	☐			7507.81	0.0019	P	3.5

$$y = 4.7460\text{E-}004 * x + 3.5128\text{E-}005$$

$$R = 1.0000$$

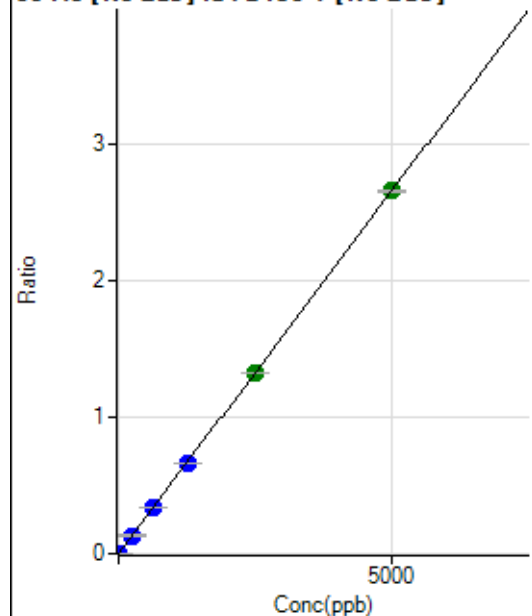
$$DL = 0.04411$$

$$BEC = 0.07401$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.35	0.0000	P	14.2
2	☐	0.500	0.495	1483.47	0.0003	P	3.1
3	☐	5.000	4.610	12072.23	0.0025	P	1.6
4	☐	250.000	251.571	612086.41	0.1334	P	0.8
5	☐	625.000	642.644	1536224.31	0.3406	P	0.5
6	☐	1250.000	1243.572	2882509.62	0.6590	P	0.5
7	☐	2500.000	2486.549	5717711.98	1.3177	A	0.3
8	☐	5000.000	5006.049	11409661.37	2.6529	A	0.4
9	☐			10304.15	0.0026	P	3.8

$$y = 5.2992\text{E-}004 * x + 4.9183\text{E-}005$$

$$R = 1.0000$$

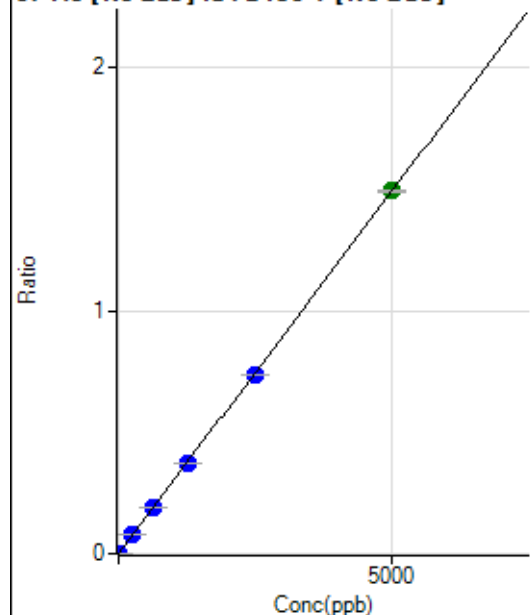
$$DL = 0.03947$$

$$BEC = 0.09281$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	14.6
2	☐	0.500	0.423	719.50	0.0002	P	8.7
3	☐	5.000	4.736	6951.93	0.0014	P	2.1
4	☐	250.000	254.700	348145.80	0.0759	P	1.1
5	☐	625.000	643.458	864175.73	0.1916	P	0.1
6	☐	1250.000	1247.205	1624234.30	0.3714	P	0.5
7	☐	2500.000	2475.813	3198573.27	0.7372	P	0.4
8	☐	5000.000	5010.250	6415783.70	1.4917	A	0.5
9	☐			4384.19	0.0011	P	6.1

$$y = 2.9773\text{E-}004 * x + 2.5183\text{E-}005$$

$$R = 1.0000$$

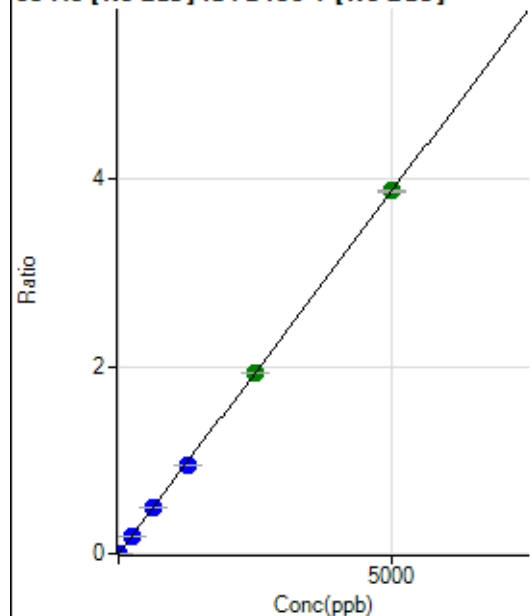
$$DL = 0.03714$$

$$BEC = 0.08458$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0001	P	11.9
2	☐	0.500	0.497	2078.00	0.0004	P	1.3
3	☐	5.000	4.713	17931.40	0.0037	P	0.6
4	☐	250.000	251.368	893875.64	0.1948	P	0.5
5	☐	625.000	637.341	2226803.74	0.4937	P	0.2
6	☐	1250.000	1226.479	4155398.01	0.9501	P	0.4
7	☐	2500.000	2492.814	8378603.22	1.9310	A	0.7
8	☐	5000.000	5007.863	16683527.63	3.8791	A	0.4
9	☐			11449.46	0.0029	P	4.8

$$y = 7.7459\text{E-}004 * x + 5.1526\text{E-}005$$

$$R = 1.0000$$

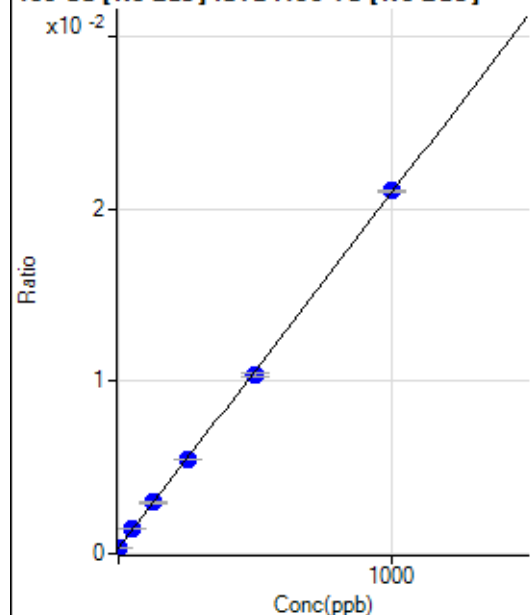
$$DL = 0.02366$$

$$BEC = 0.06652$$

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	2144.70	0.0003	P	7.6
2	☐	0.100	-1.238	1983.56	0.0003	P	11.5
3	☐	1.000	0.329	2230.82	0.0003	P	1.6
4	☐	50.000	54.777	9158.91	0.0015	P	2.6
5	☐	125.000	128.315	18665.65	0.0030	P	1.5
6	☐	250.000	248.309	33498.75	0.0054	P	0.8
7	☐	500.000	487.888	64399.92	0.0104	P	2.0
8	☐	1000.000	1005.826	131256.26	0.0210	P	0.6
9	☐			1780.74	0.0003	P	5.4

$$y = 2.0582\text{E-}005 * x + 3.3525\text{E-}004$$

$$R = 0.9999$$

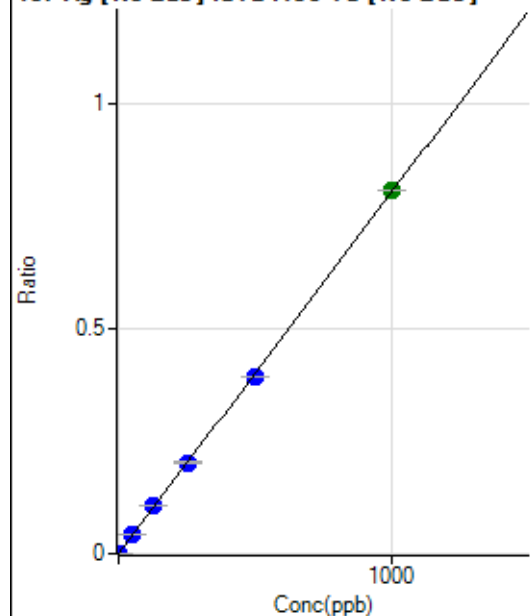
$$DL = 3.705$$

$$BEC = 16.29$$

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	63.89	0.0000	P	39.9
2	☐	0.100	0.094	547.26	0.0001	P	9.2
3	☐	1.000	0.992	5256.77	0.0008	P	2.9
4	☐	50.000	53.783	270331.71	0.0432	P	0.4
5	☐	125.000	133.686	672848.71	0.1073	P	0.8
6	☐	250.000	252.503	1246444.26	0.2026	P	0.5
7	☐	500.000	488.117	2430987.66	0.3917	P	0.2
8	☐	1000.000	1004.041	5027183.58	0.8057	A	0.1
9	☐			605.59	0.0001	P	17.4

$$y = 8.0249\text{E-}004 * x + 9.9890\text{E-}006$$

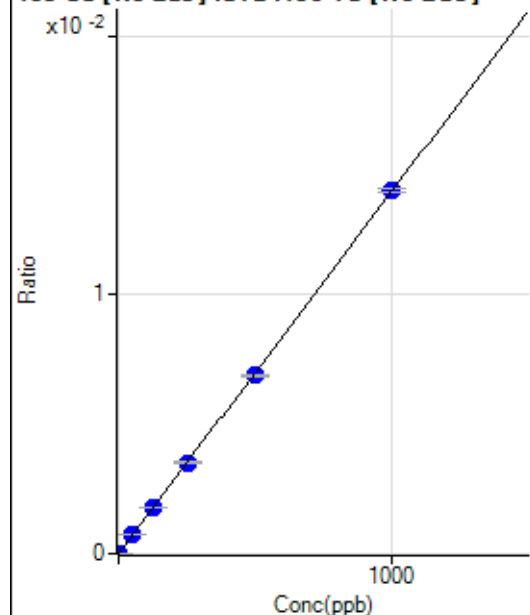
$$R = 0.9999$$

$$DL = 0.01491$$

$$BEC = 0.01245$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	33.5
2	☐	0.100	0.108	22.22	0.0000	P	75.2
3	☐	1.000	1.049	108.34	0.0000	P	3.8
4	☐	50.000	52.511	4606.40	0.0007	P	4.0
5	☐	125.000	128.748	11293.58	0.0018	P	0.5
6	☐	250.000	251.346	21613.95	0.0035	P	1.6
7	☐	500.000	492.418	42710.10	0.0069	P	0.5
8	☐	1000.000	1002.861	87435.74	0.0140	P	1.1
9	☐			37.50	0.0000	P	10.9

$$y = 1.3972\text{E-}005 * x + 1.9546\text{E-}006$$

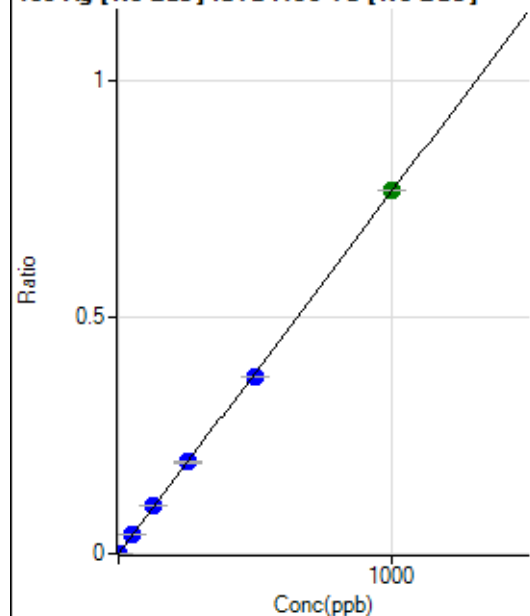
$$R = 1.0000$$

$$DL = 0.1407$$

$$BEC = 0.1399$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	16.9
2	☐	0.100	0.093	483.36	0.0001	P	15.6
3	☐	1.000	0.959	4820.49	0.0007	P	4.6
4	☐	50.000	54.228	260098.48	0.0415	P	1.2
5	☐	125.000	134.104	644134.86	0.1027	P	1.2
6	☐	250.000	252.563	1189859.94	0.1934	P	0.2
7	☐	500.000	489.940	2328756.86	0.3752	P	0.3
8	☐	1000.000	1003.040	4793163.47	0.7682	A	0.2
9	☐			552.81	0.0001	P	4.2

$$y = 7.6590\text{E-}004 * x + 4.3404\text{E-}006$$

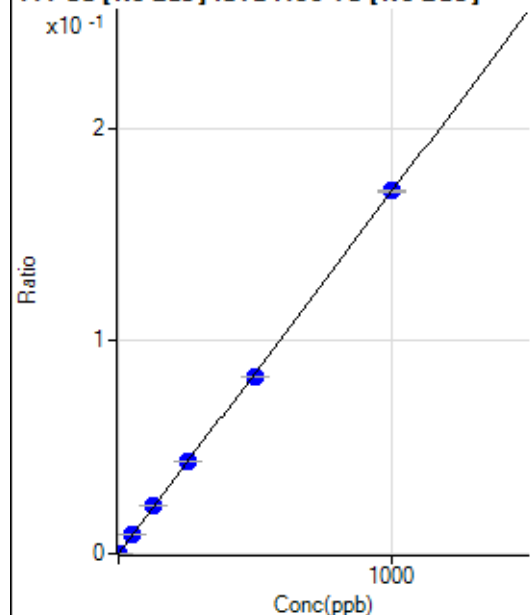
$$R = 0.9999$$

$$DL = 0.002865$$

$$BEC = 0.005667$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.38	0.0000	P	14.2
2	☐	0.100	0.079	204.34	0.0000	P	14.0
3	☐	1.000	0.965	1192.52	0.0002	P	0.9
4	☐	50.000	53.128	56743.22	0.0091	P	1.4
5	☐	125.000	132.123	141154.59	0.0225	P	1.1
6	☐	250.000	253.293	265306.42	0.0431	P	0.2
7	☐	500.000	490.738	518499.60	0.0835	P	0.3
8	☐	1000.000	1002.761	1065040.85	0.1707	P	0.4
9	☐			307.22	0.0001	P	14.4

$$y = 1.7021\text{E-}004 * x + 1.8506\text{E-}005$$

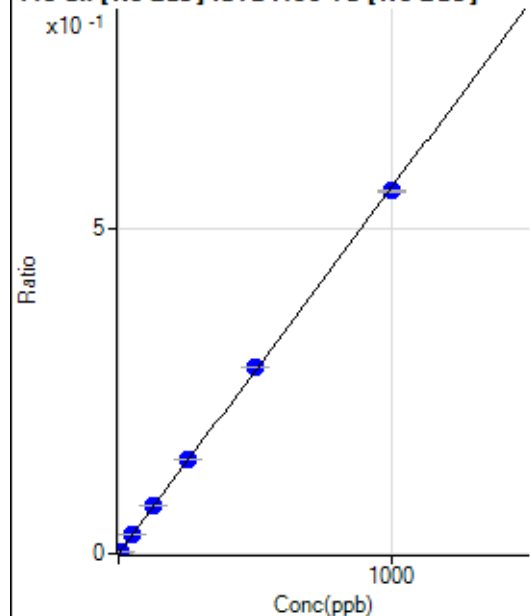
$$R = 0.9999$$

$$DL = 0.04635$$

$$BEC = 0.1087$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0000	P	14.1
2	☐	0.500	0.488	2011.34	0.0003	P	1.2
3	☐	5.000	4.985	18596.31	0.0029	P	1.9
4	☐	50.000	53.915	190680.73	0.0305	P	1.4
5	☐	125.000	133.144	471229.38	0.0751	P	0.2
6	☐	250.000	258.763	898030.95	0.1460	P	0.3
7	☐	500.000	510.242	1786381.44	0.2879	P	0.2
8	☐	1000.000	991.475	3489547.99	0.5593	P	0.6
9	☐			2800.41	0.0005	P	2.5

$$y = 5.6407\text{E-}004 * x + 3.9071\text{E-}005$$

$$R = 0.9999$$

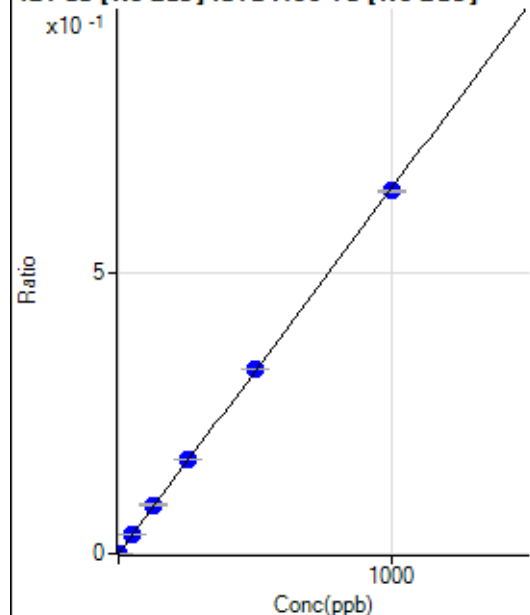
$$DL = 0.02927$$

$$BEC = 0.06927$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	29.5
2	☐	0.200	0.169	780.61	0.0001	P	15.9
3	☐	2.000	1.874	8035.95	0.0012	P	3.2
4	☐	50.000	52.939	215955.77	0.0345	P	1.3
5	☐	125.000	133.744	546315.72	0.0871	P	0.8
6	☐	250.000	258.051	1033774.32	0.1681	P	0.3
7	☐	500.000	506.951	2048987.76	0.3302	P	0.3
8	☐	1000.000	993.272	4036002.83	0.6469	P	0.3
9	☐			5865.36	0.0010	P	6.7

$$y = 6.5125E-004 * x + 1.1727E-005$$

$$R = 0.9999$$

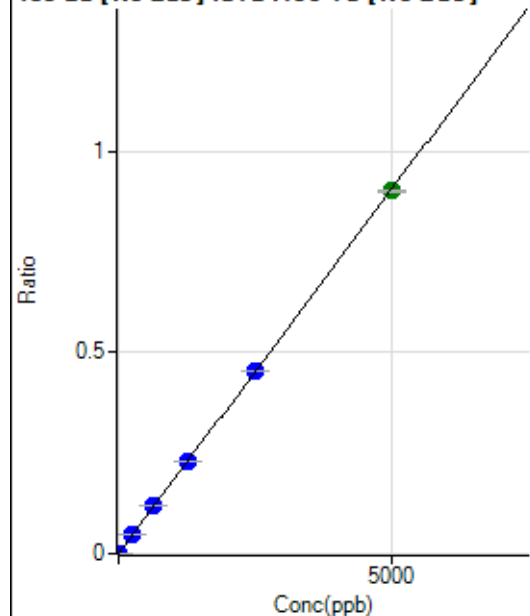
$$DL = 0.01594$$

$$BEC = 0.01801$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	10.0
2	☐	1.000	1.012	1255.67	0.0002	P	11.9
3	☐	10.000	9.802	11660.88	0.0018	P	2.4
4	☐	250.000	263.196	298480.06	0.0477	P	0.5
5	☐	625.000	664.751	754868.12	0.1204	P	0.6
6	☐	1250.000	1275.348	1420368.97	0.2309	P	0.0
7	☐	2500.000	2515.110	2826070.90	0.4554	P	0.4
8	☐	5000.000	4980.480	5626156.29	0.9017	A	0.5
9	☐			1127.88	0.0002	P	3.9

$$y = 1.8105E-004 * x + 1.3028E-005$$

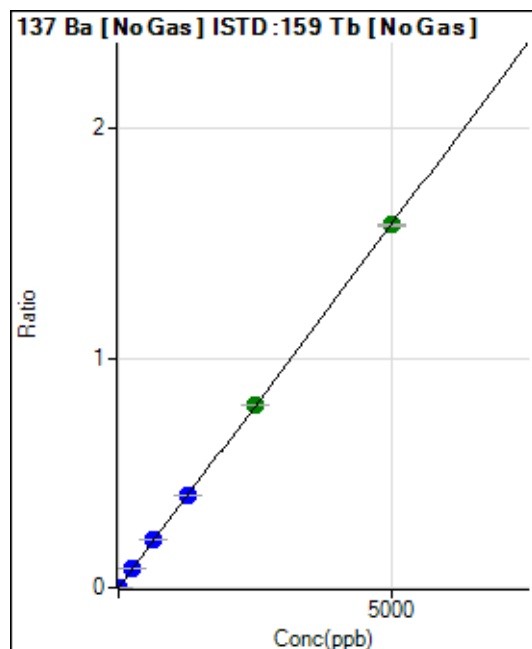
$$R = 1.0000$$

$$DL = 0.02149$$

$$BEC = 0.07196$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.11	0.0000	P	8.4
2	☐	1.000	0.998	2133.58	0.0003	P	6.5
3	☐	10.000	9.707	20162.46	0.0031	P	2.7
4	☐	250.000	260.584	516848.70	0.0825	P	0.5
5	☐	625.000	657.288	1305410.22	0.2082	P	0.3
6	☐	1250.000	1264.137	2462382.80	0.4003	P	0.4
7	☐	2500.000	2503.921	4920823.72	0.7929	A	0.2
8	☐	5000.000	4989.941	9858979.65	1.5802	A	0.2
9	☐			1969.67	0.0003	P	1.0

$$y = 3.1667\text{E-}004 * x + 1.7368\text{E-}005$$

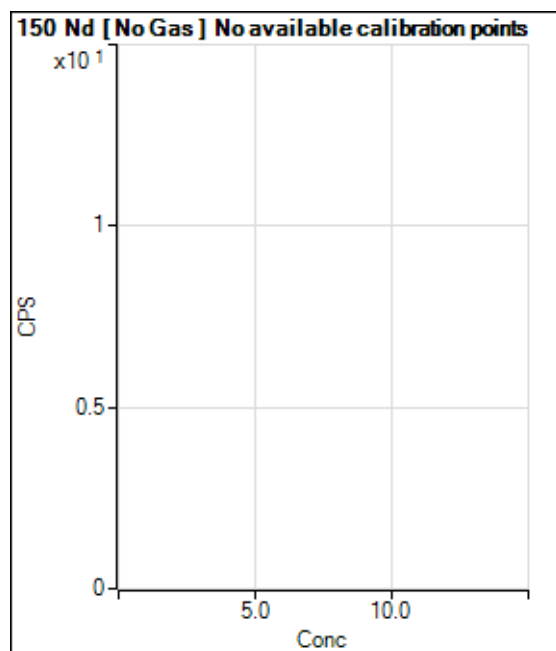
$$R = 1.0000$$

$$DL = 0.01382$$

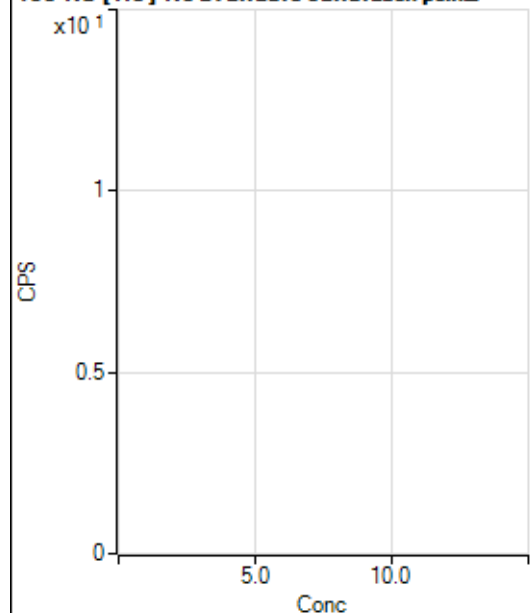
$$BEC = 0.05485$$

Weight: <None>

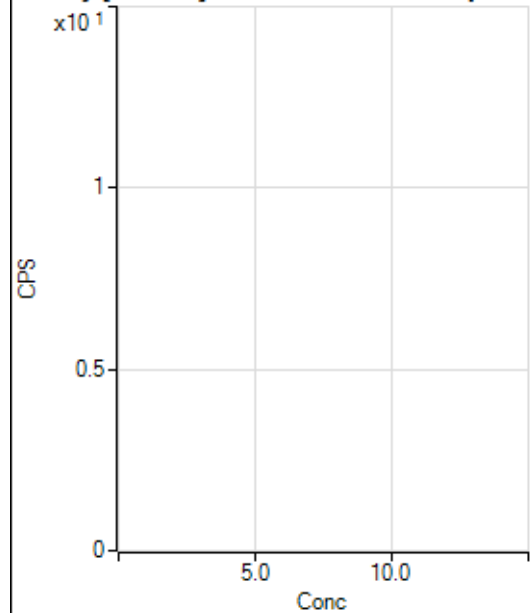
Min Conc: 0



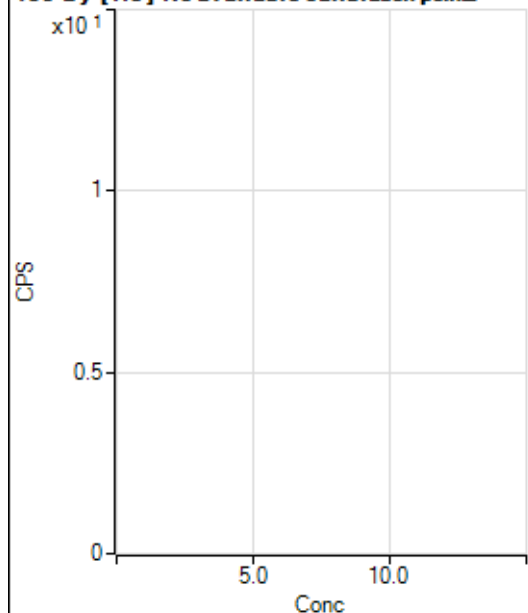
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			42.23		P	32.9
5	☐			75.56		P	18.4
6	☐			115.56		P	14.5
7	☐			300.01		P	14.6
8	☐			593.37		P	10.1
9	☐			93.34		P	7.1

150 Nd [He] No available calibration points

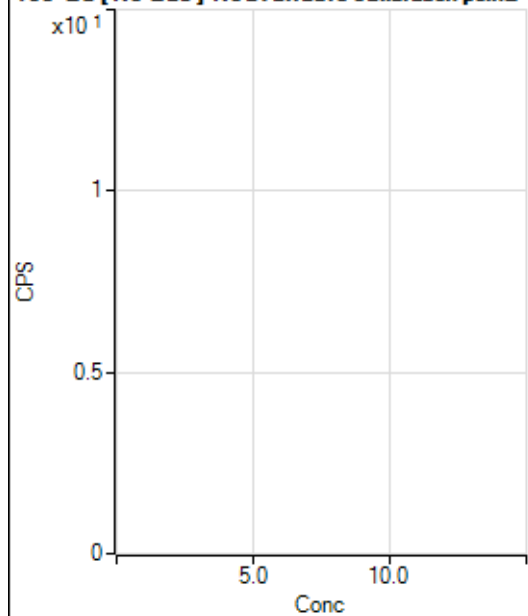
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			15.56		P	53.9
6	☐			14.45		P	26.7
7	☐			38.89		P	4.9
8	☐			44.45		P	15.6
9	☐			31.11		P	40.6

156 Dy [No Gas] No available calibration points

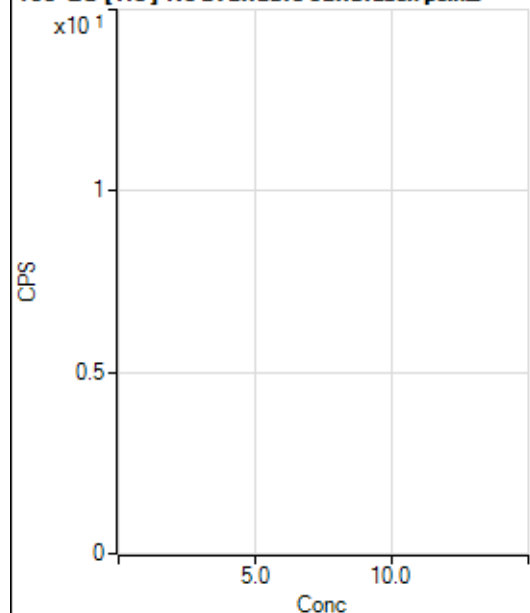
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			2.78		P	173.
3	☐			0.00		P	
4	☐			5.55		P	86.6
5	☐			16.67		P	86.6
6	☐			27.78		P	96.4
7	☐			41.67		P	52.9
8	☐			52.78		P	18.2
9	☐			33.33		P	25.0

156 Dy [He] No available calibration points

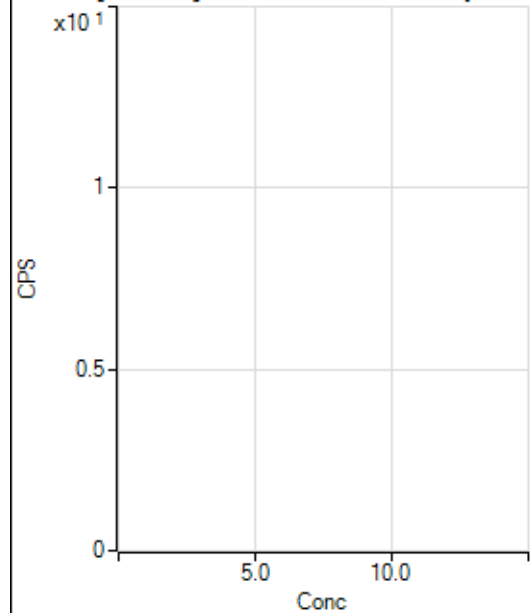
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			5.56		P	91.6
4	☐			6.67		P	50.0
5	☐			17.78		P	28.6
6	☐			38.89		P	40.5
7	☐			60.00		P	20.0
8	☐			125.56		P	13.6
9	☐			23.34		P	24.7

160 Gd [No Gas] Noavailable calibration poin_

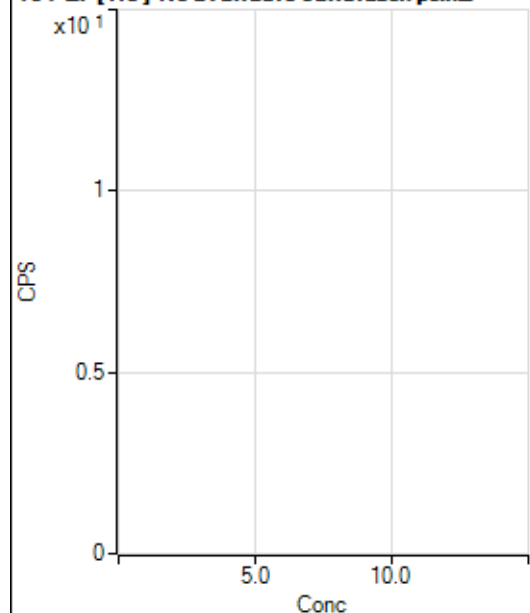
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			25.00		P	33.3
3	☐			25.00		P	0.0
4	☐			16.67		P	100.
5	☐			25.00		P	88.2
6	☐			52.78		P	24.1
7	☐			38.89		P	44.6
8	☐			44.44		P	109.
9	☐			86.11		P	14.8

160 Gd [He] No available calibration points

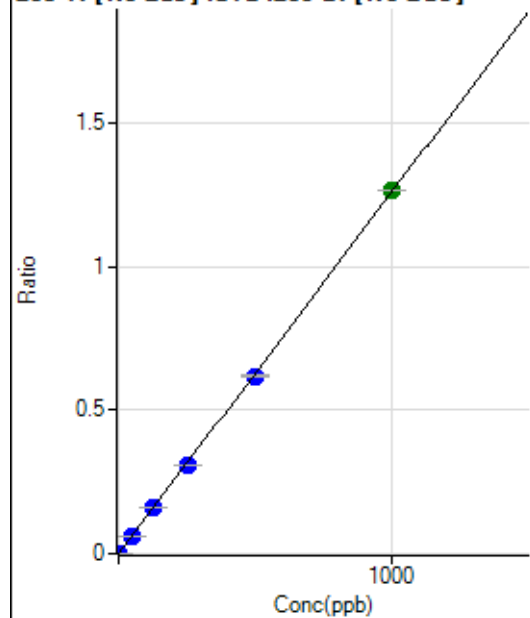
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	21.0
2	☐			126.67		P	18.4
3	☐			133.34		P	25.0
4	☐			123.34		P	7.1
5	☐			105.56		P	21.0
6	☐			97.78		P	7.9
7	☐			106.67		P	8.3
8	☐			111.12		P	18.3
9	☐			138.89		P	9.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐			27.78		P	45.8
3	☐			25.00		P	66.7
4	☐			13.89		P	34.7
5	☐			27.78		P	69.3
6	☐			30.56		P	83.3
7	☐			30.56		P	31.5
8	☐			19.44		P	49.5
9	☐			27.78		P	62.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			13.33		P	NaN
3	☐			8.89		P	43.3
4	☐			18.89		P	62.0
5	☐			14.45		P	74.2
6	☐			14.44		P	13.4
7	☐			7.78		P	49.5
8	☐			14.44		P	35.3
9	☐			15.56		P	75.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	186.12	0.0000	P	7.4
2	☐	0.100	0.089	663.93	0.0002	P	5.5
3	☐	1.000	0.845	4792.74	0.0011	P	4.8
4	☐	50.000	49.339	259931.37	0.0621	P	0.9
5	☐	125.000	126.407	667749.57	0.1591	P	0.3
6	☐	250.000	245.559	1281360.92	0.3090	P	0.5
7	☐	500.000	492.488	2540331.44	0.6197	P	0.4
8	☐	1000.000	1004.724	5082828.54	1.2643	A	0.0
9	☐			1708.52	0.0005	P	11.7

$$y = 0.0013 * x + 4.3337E-005$$

$$R = 0.9999$$

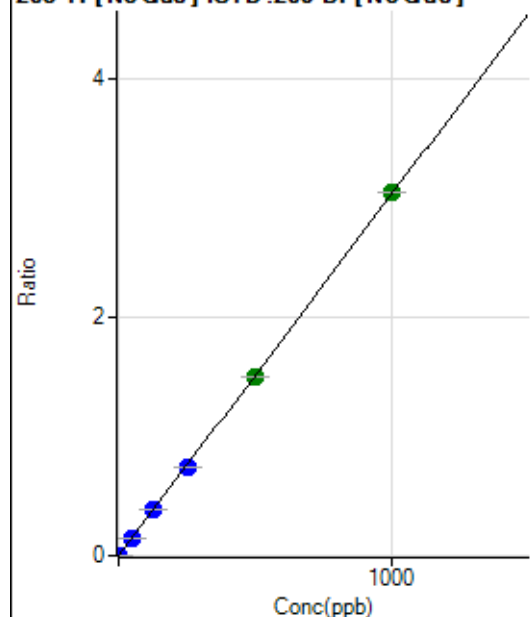
$$DL = 0.007603$$

$$BEC = 0.03444$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.14	0.0001	P	20.1
2	☐	0.100	0.096	1616.84	0.0004	P	16.6
3	☐	1.000	0.892	12089.27	0.0028	P	2.6
4	☐	50.000	49.248	624107.09	0.1492	P	0.3
5	☐	125.000	126.133	1602811.19	0.3819	P	0.5
6	☐	250.000	244.192	3065378.50	0.7393	P	0.6
7	☐	500.000	493.317	6121495.23	1.4934	A	0.2
8	☐	1000.000	1004.689	12227257.22	3.0414	A	0.1
9	☐			4164.74	0.0012	P	12.0

$$y = 0.0030 * x + 8.9953E-005$$

$$R = 0.9999$$

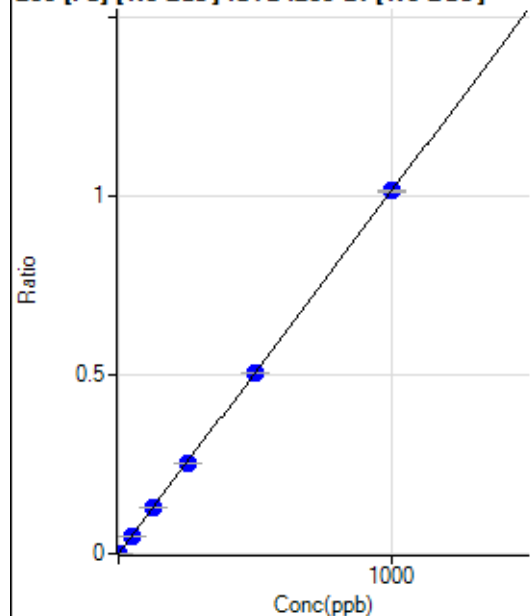
$$DL = 0.01792$$

$$BEC = 0.02972$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.97	0.0000	P	7.1
2	☐	0.100	0.089	598.18	0.0001	P	5.5
3	☐	1.000	0.951	4387.89	0.0010	P	3.3
4	☐	50.000	49.828	211473.46	0.0505	P	0.9
5	☐	125.000	128.522	546797.85	0.1303	P	0.9
6	☐	250.000	250.032	1050798.21	0.2534	P	0.2
7	☐	500.000	498.375	2070367.04	0.5051	P	0.3
8	☐	1000.000	1000.373	4075760.19	1.0138	P	0.4
9	☐			4430.50	0.0013	P	1.0

$$y = 0.0010 * x + 4.9590E-005$$

$$R = 1.0000$$

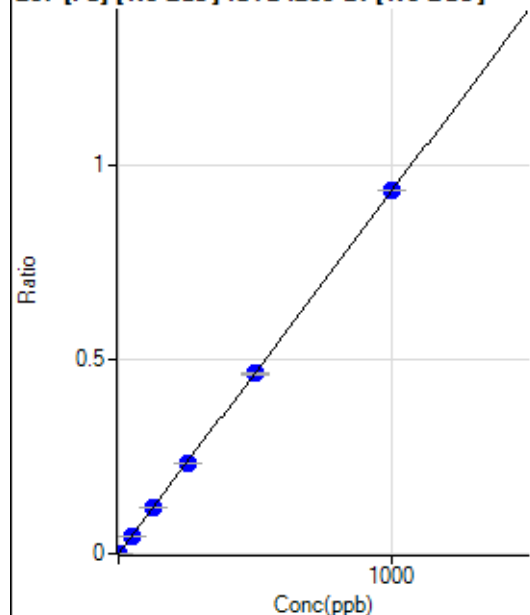
$$DL = 0.01045$$

$$BEC = 0.04894$$

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	175.93	0.0000	P	17.4
2	☐	0.100	0.101	577.81	0.0001	P	13.1
3	☐	1.000	0.889	3763.61	0.0009	P	1.4
4	☐	50.000	49.882	194469.92	0.0465	P	0.6
5	☐	125.000	127.330	497685.95	0.1186	P	0.3
6	☐	250.000	249.042	961511.98	0.2319	P	0.1
7	☐	500.000	496.997	1896745.14	0.4627	P	0.4
8	☐	1000.000	1001.456	3748398.35	0.9324	P	0.2
9	☐			3889.59	0.0011	P	6.5

$$y = 9.3097\text{E-}004 * x + 4.0953\text{E-}005$$

$$R = 1.0000$$

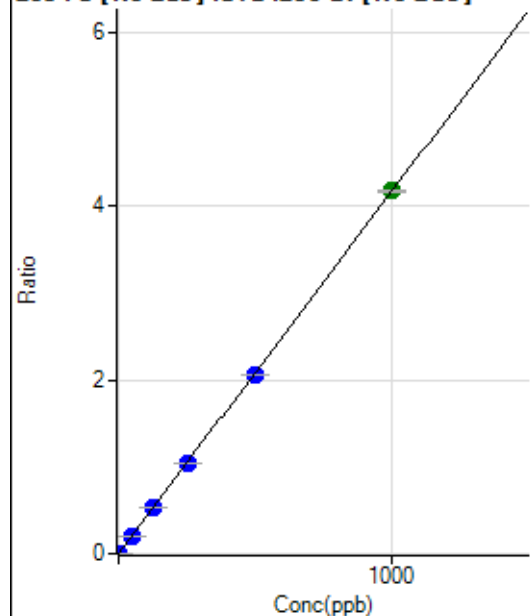
$$DL = 0.02302$$

$$BEC = 0.04399$$

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	888.93	0.0002	P	7.5
2	☐	0.100	0.092	2520.54	0.0006	P	2.5
3	☐	1.000	0.893	17001.01	0.0039	P	3.7
4	☐	50.000	49.753	867753.81	0.2074	P	0.3
5	☐	125.000	127.520	2229621.49	0.5313	P	0.5
6	☐	250.000	248.388	4289865.71	1.0346	P	0.3
7	☐	500.000	494.653	8444620.73	2.0601	P	0.2
8	☐	1000.000	1002.774	16789523.32	4.1762	A	0.4
9	☐			17744.05	0.0051	P	0.4

$$y = 0.0042 * x + 2.0686\text{E-}004$$

$$R = 1.0000$$

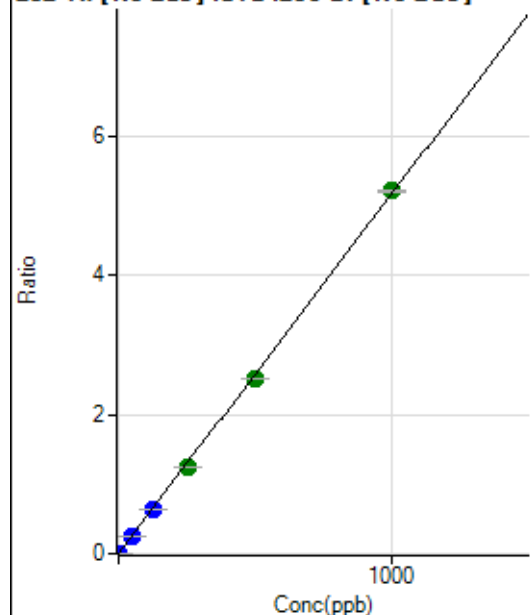
$$DL = 0.01113$$

$$BEC = 0.04967$$

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	251.86	0.0001	P	23.4
2	☐	0.100	0.082	2066.89	0.0005	P	5.9
3	☐	1.000	0.823	18667.46	0.0043	P	1.5
4	☐	50.000	47.192	1019311.74	0.2436	P	0.3
5	☐	125.000	122.192	2646993.20	0.6307	P	0.6
6	☐	250.000	240.235	5141280.96	1.2399	A	0.1
7	☐	500.000	488.222	10328897.57	2.5198	A	0.4
8	☐	1000.000	1008.822	20932778.94	5.2067	A	0.3
9	☐			5877.44	0.0017	P	8.5

$$y = 0.0052 * x + 5.8673E-005$$

$$R = 0.9999$$

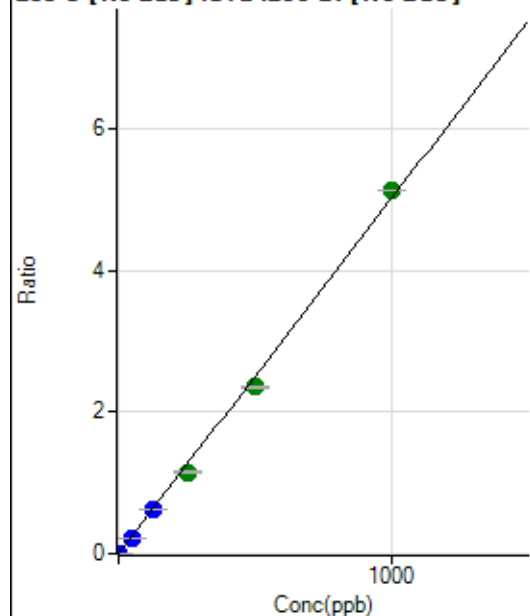
$$DL = 0.007987$$

$$BEC = 0.01137$$

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	305.58	0.0001	P	2.5
2	☐	0.100	0.088	2180.84	0.0005	P	4.7
3	☐	1.000	0.841	18597.35	0.0043	P	2.0
4	☐	50.000	45.268	950996.74	0.2273	P	0.8
5	☐	125.000	123.121	2593962.84	0.6181	P	0.7
6	☐	250.000	229.533	4777497.37	1.1522	A	0.7
7	☐	500.000	468.528	9640226.00	2.3518	A	0.2
8	☐	1000.000	1021.324	20610465.74	5.1266	A	0.1
9	☐			2603.17	0.0008	P	9.9

$$y = 0.0050 * x + 7.1125E-005$$

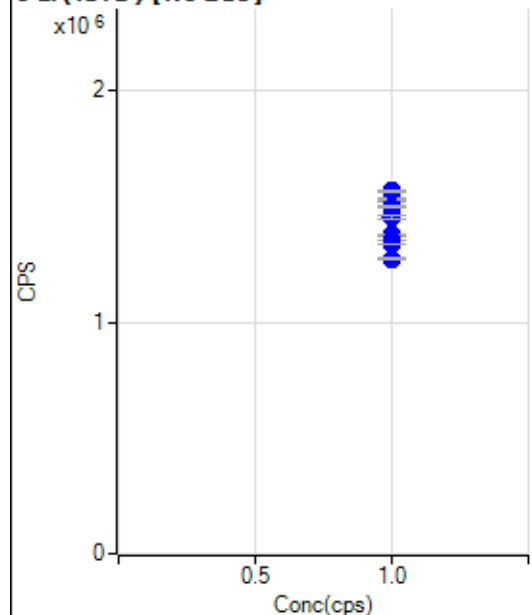
$$R = 0.9991$$

$$DL = 0.001044$$

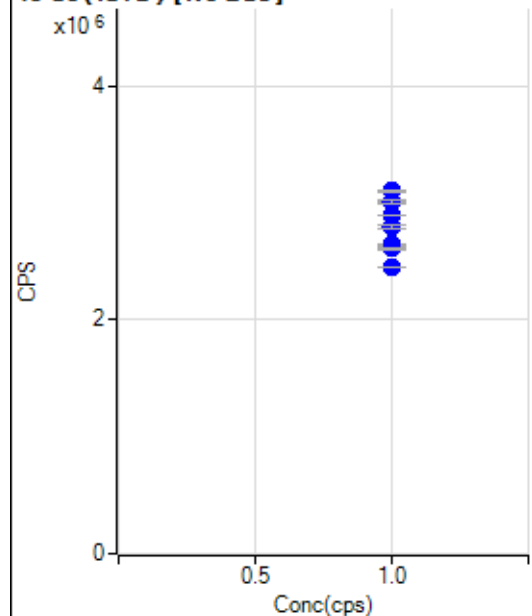
$$BEC = 0.01417$$

Weight: <None>

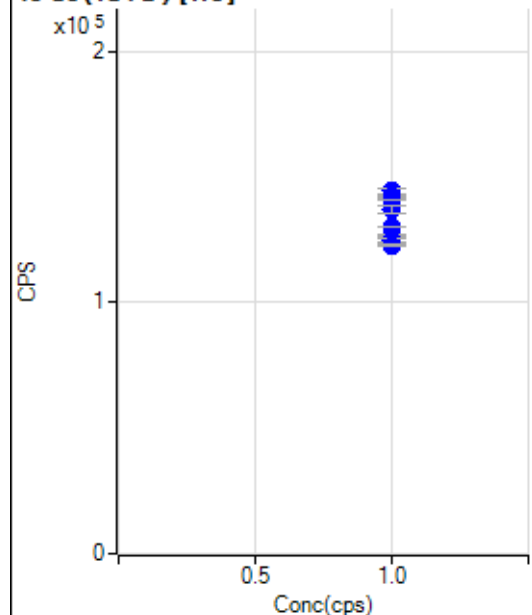
Min Conc: 0

6 Li (ISTD) [No Gas]

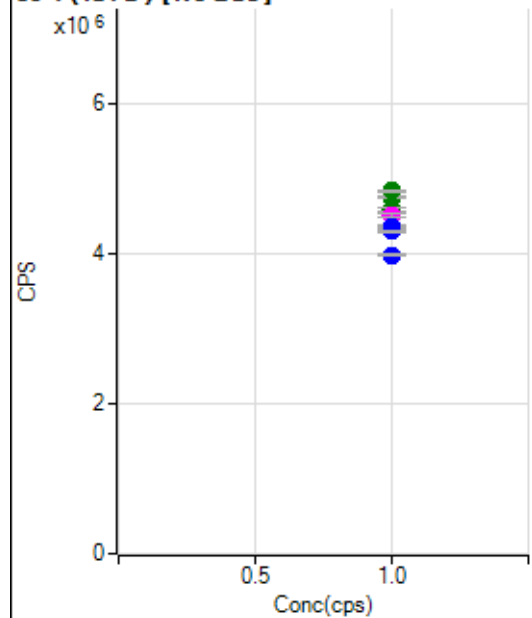
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1528314.15		P	0.8
2	☐	1.000		1533162.85		P	0.7
3	☐	1.000		1567405.82		P	0.2
4	☐	1.000		1499536.37		P	0.2
5	☐	1.000		1453502.87		P	1.0
6	☐	1.000		1376689.40		P	0.4
7	☐	1.000		1356048.98		P	0.3
8	☐	1.000		1339031.17		P	0.4
9	☐	1.000		1274902.03		P	0.6

45 Sc (ISTD) [No Gas]

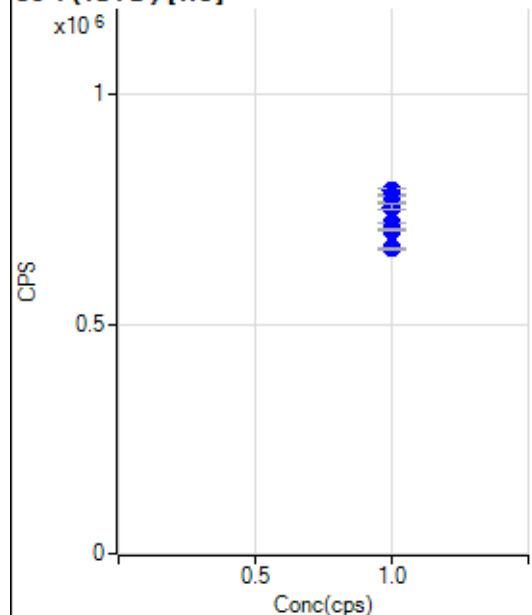
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2999904.75		P	0.7
2	☐	1.000		3011322.44		P	1.2
3	☐	1.000		3099867.85		P	0.5
4	☐	1.000		2892400.61		P	0.2
5	☐	1.000		2797607.22		P	1.4
6	☐	1.000		2639340.12		P	0.1
7	☐	1.000		2633610.32		P	0.2
8	☐	1.000		2608551.10		P	0.4
9	☐	1.000		2449711.34		P	0.5

45 Sc (ISTD) [He]

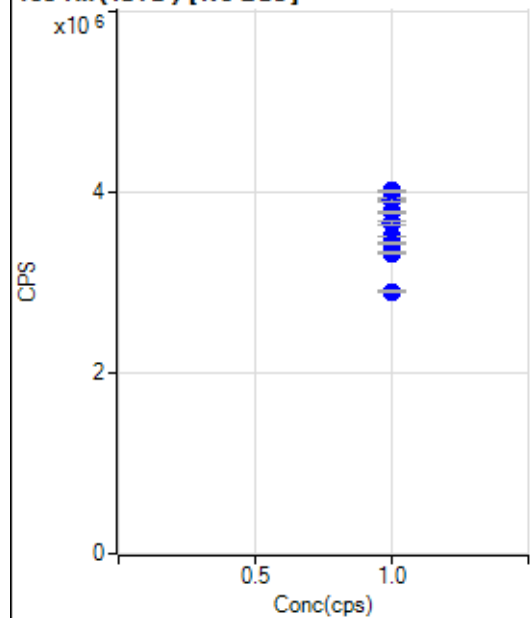
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		144319.31		P	1.7
2	☐	1.000		142007.17		P	0.5
3	☐	1.000		140622.60		P	0.1
4	☐	1.000		137010.27		P	1.9
5	☐	1.000		129938.08		P	0.4
6	☐	1.000		125553.92		P	0.3
7	☐	1.000		126349.56		P	0.5
8	☐	1.000		124670.98		P	0.9
9	☐	1.000		122703.87		P	0.4

89 Y (ISTD) [No Gas]

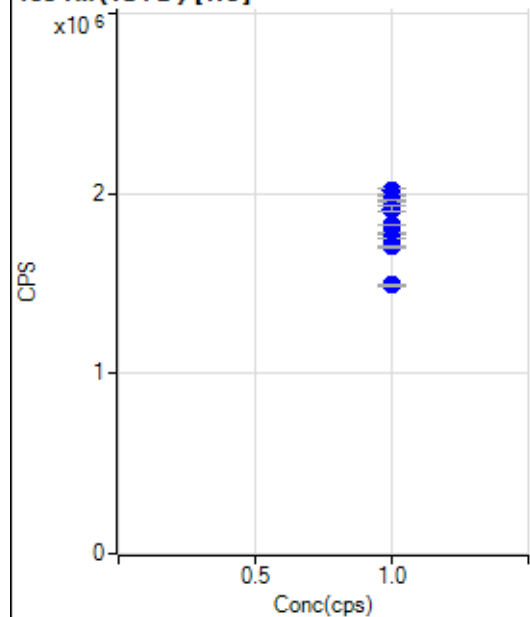
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4743951.67		A	0.1
2	☐	1.000		4760276.77		A	0.8
3	☐	1.000		4843627.53		A	0.4
4	☐	1.000		4589766.01		A	0.9
5	☐	1.000		4510216.95		M	1.0
6	☐	1.000		4373804.79		P	0.3
7	☐	1.000		4339092.16		P	0.3
8	☐	1.000		4300864.76		P	0.1
9	☐	1.000		3989759.56		P	0.5

89 Y (ISTD) [He]

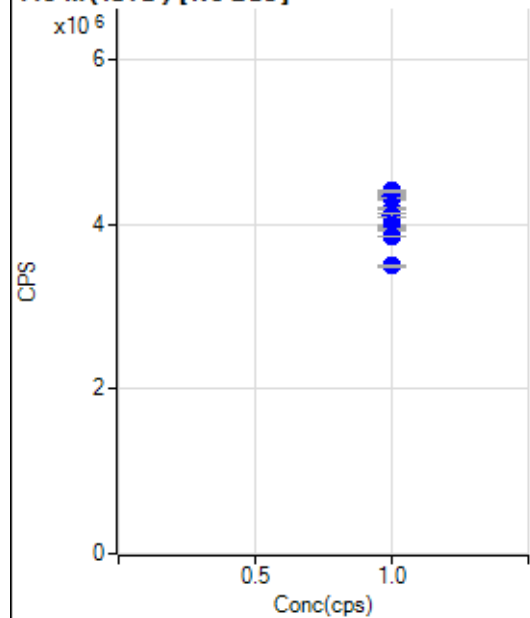
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		790176.36		P	1.4
2	☐	1.000		779168.23		P	0.4
3	☐	1.000		767824.39		P	0.1
4	☐	1.000		755791.44		P	2.0
5	☐	1.000		719927.31		P	0.2
6	☐	1.000		708761.33		P	0.2
7	☐	1.000		705601.92		P	0.1
8	☐	1.000		705082.52		P	0.5
9	☐	1.000		664622.63		P	0.5

103 Rh (ISTD) [No Gas]

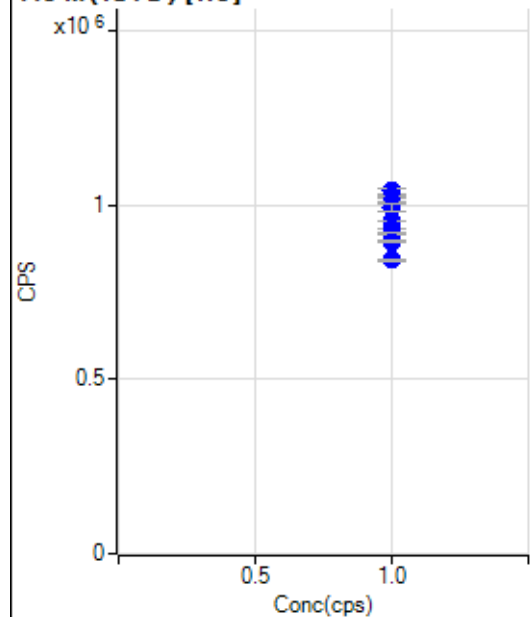
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3923594.27		P	0.7
2	☐	1.000		3918619.66		P	0.8
3	☐	1.000		4013712.94		P	0.6
4	☐	1.000		3779022.53		P	0.7
5	☐	1.000		3653549.86		P	0.9
6	☐	1.000		3505408.33		P	0.3
7	☐	1.000		3430135.93		P	0.4
8	☐	1.000		3326917.39		P	0.4
9	☐	1.000		2901599.37		P	0.7

103 Rh (ISTD) [He]

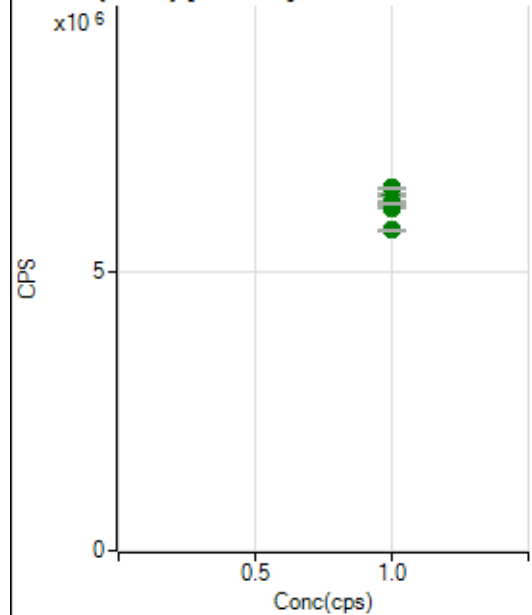
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2012768.60		P	1.5
2	☐	1.000		1989776.10		P	0.4
3	☐	1.000		1959426.20		P	0.2
4	☐	1.000		1912319.24		P	1.8
5	☐	1.000		1823317.47		P	0.1
6	☐	1.000		1774746.24		P	0.2
7	☐	1.000		1747604.82		P	0.3
8	☐	1.000		1702639.89		P	0.7
9	☐	1.000		1493196.84		P	0.7

115 In (ISTD) [No Gas]

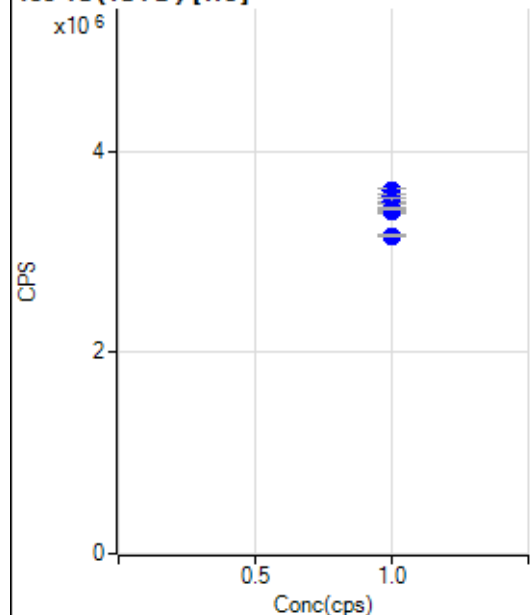
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4325570.39		P	1.1
2	☐	1.000		4340772.70		P	0.9
3	☐	1.000		4406346.31		P	0.4
4	☐	1.000		4185377.42		P	0.4
5	☐	1.000		4101540.54		P	1.1
6	☐	1.000		3983875.98		P	0.3
7	☐	1.000		3941054.26		P	0.6
8	☐	1.000		3852877.22		P	0.1
9	☐	1.000		3499774.15		P	0.5

115 In (ISTD) [He]

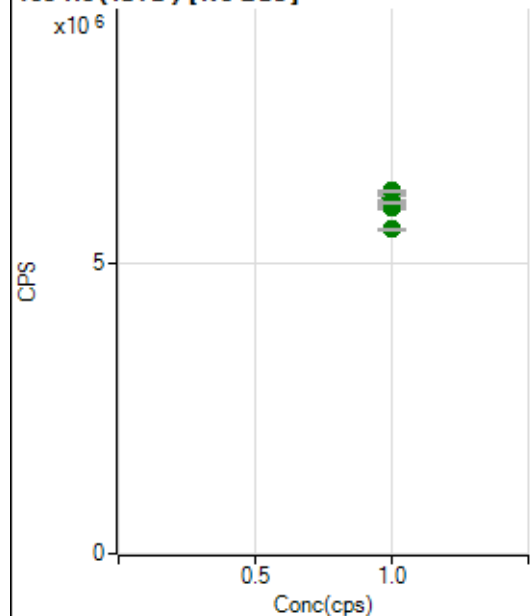
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1039675.71		P	1.5
2	☐	1.000		1024258.30		P	0.7
3	☐	1.000		1007552.69		P	0.2
4	☐	1.000		991814.12		P	1.7
5	☐	1.000		953013.53		P	0.2
6	☐	1.000		932560.07		P	0.1
7	☐	1.000		919152.54		P	0.5
8	☐	1.000		895429.62		P	0.7
9	☐	1.000		840476.87		P	0.7

159 Tb (ISTD) [No Gas]

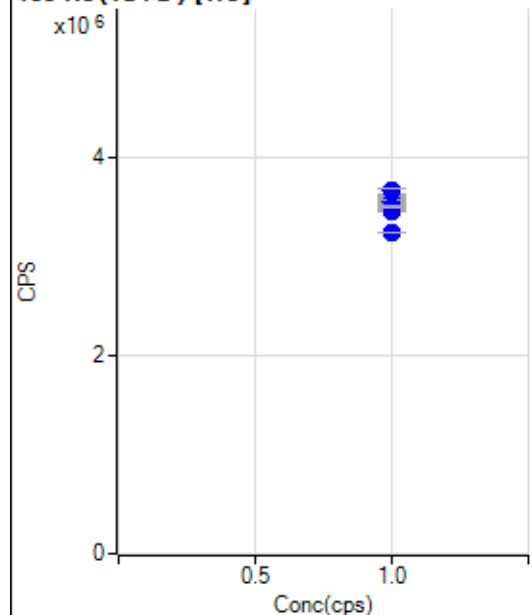
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6396449.00		A	0.4
2	☐	1.000		6402747.19		A	0.9
3	☐	1.000		6522461.22		A	0.3
4	☐	1.000		6262130.32		A	0.8
5	☐	1.000		6271286.64		A	0.6
6	☐	1.000		6150969.56		A	0.3
7	☐	1.000		6205935.81		A	0.4
8	☐	1.000		6239221.50		A	0.4
9	☐	1.000		5766132.62		A	0.5

159 Tb (ISTD) [He]

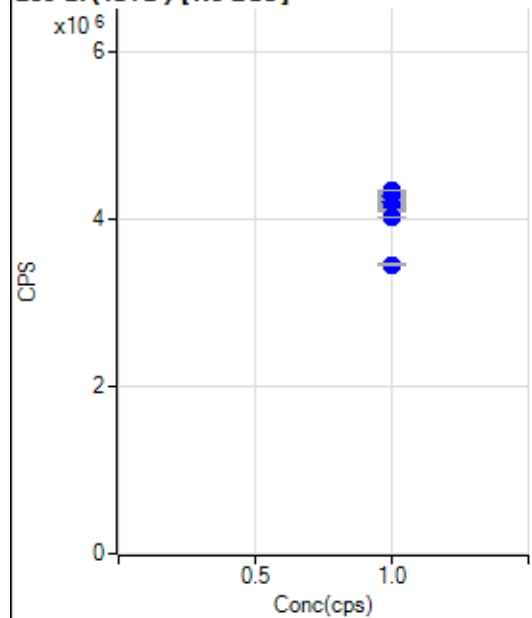
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3610821.68		P	1.7
2	☐	1.000		3551840.61		P	1.1
3	☐	1.000		3498762.76		P	0.2
4	☐	1.000		3506134.05		P	1.5
5	☐	1.000		3430237.03		P	0.6
6	☐	1.000		3400384.15		P	0.2
7	☐	1.000		3416119.19		P	0.4
8	☐	1.000		3433351.23		P	1.0
9	☐	1.000		3160167.31		P	0.5

165 Ho (ISTD) [No Gas]

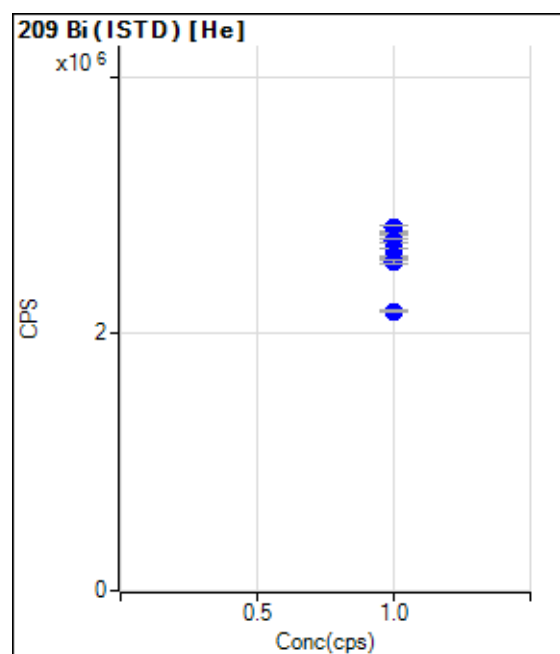
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6219295.41		A	0.8
2	☐	1.000		6136187.85		A	0.7
3	☐	1.000		6262093.63		A	0.2
4	☐	1.000		5997887.94		A	0.1
5	☐	1.000		6038478.61		A	0.6
6	☐	1.000		5958541.02		A	0.4
7	☐	1.000		5985471.75		A	0.5
8	☐	1.000		6049108.43		A	0.5
9	☐	1.000		5595807.81		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3662262.13		P	1.8
2	☐	1.000		3598493.04		P	0.7
3	☐	1.000		3549853.00		P	0.6
4	☐	1.000		3546982.55		P	1.6
5	☐	1.000		3493751.82		P	0.5
6	☐	1.000		3453732.59		P	0.3
7	☐	1.000		3491047.76		P	0.4
8	☐	1.000		3500671.03		P	0.7
9	☐	1.000		3240859.95		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4295846.26		P	0.7
2	☐	1.000		4268269.59		P	1.0
3	☐	1.000		4332400.28		P	0.2
4	☐	1.000		4183956.88		P	0.4
5	☐	1.000		4197048.48		P	1.0
6	☐	1.000		4146398.13		P	0.4
7	☐	1.000		4099045.22		P	0.0
8	☐	1.000		4020335.29		P	0.2
9	☐	1.000		3454603.07		P	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2822172.11		P	1.6
2	☐	1.000		2772893.08		P	0.9
3	☐	1.000		2722673.29		P	0.6
4	☐	1.000		2721327.77		P	1.5
5	☐	1.000		2666242.49		P	0.0
6	☐	1.000		2604996.63		P	0.2
7	☐	1.000		2598087.93		P	0.3
8	☐	1.000		2554391.25		P	1.1
9	☐	1.000		2173903.88		P	0.2

US EPA Tune Check Sample Report

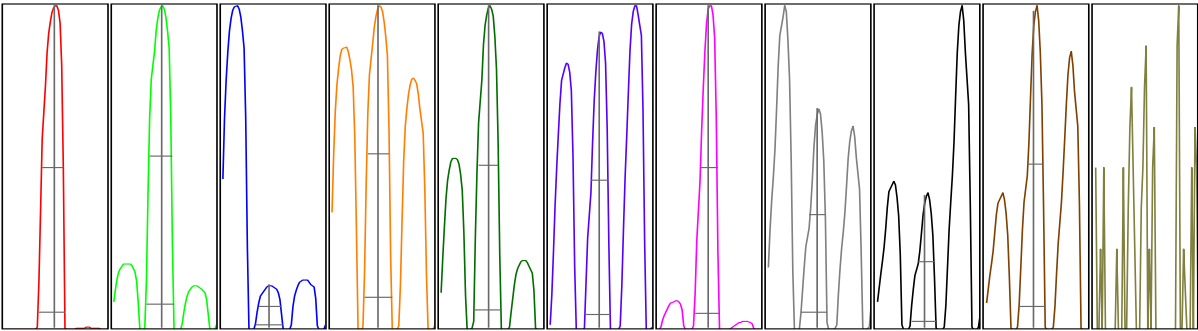
Batch Folder D:\ICP-MS Data\P7060919MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5725	1.57	5.00	
24	147185	1.52	5.00	
25	20085	1.63	5.00	
26	22746	1.57	5.00	
59	39835	1.47	5.00	
113	5454	1.10	5.00	
115	66223	1.09	5.00	
206	18267	1.87	5.00	
207	16616	1.72	5.00	
208	39469	1.60	5.00	
220	0	58.68		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5576	5806	5776	5749	5718
24	143420	149081	148392	148077	146953
25	19531	20342	20288	20211	20054
26	22145	23074	22940	22798	22775
59	38905	40450	40164	39919	39736
113	5397	5537	5492	5443	5401
115	65624	67150	66819	65977	65543
206	17685	18548	18398	18450	18255
207	16148	16906	16673	16752	16604
208	38389	40009	39816	39624	39506
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9570	9.00	8.9 - 9.1		0.779	0.900	
24	237758	23.95	23.9 - 24.1		0.809	0.900	
25	31879	24.90	24.9 - 25.1		0.793	0.900	
26	36639	25.90	25.9 - 26.1		0.801	0.900	
59	68954	58.95	58.9 - 59.1		0.780	0.900	
113	10882	113.00	112.9 - 113.1		0.727	0.900	
115	135169	115.00	114.9 - 115.1		0.720	0.900	
206	37967	206.00	205.9 - 206.1		0.744	0.900	
207	34152	206.95	206.9 - 207.1		0.731	0.900	
208	81534	207.95	207.9 - 208.1		0.744	0.900	
220			-				

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	7.9	V	Deflect	14.4	V
Extract 2	-90.0	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10199	0.17	
89	21020	0.11	
205	16930	0.34	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10174	10193	10198	10222	10209
89	21022	21018	21054	20991	21015
205	16891	16989	16901	16875	16994

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	8.2	V	Deflect	1.6	V
Extract 2	-95.0	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	190	V			

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:25:51	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.88	-0.26	-0.62	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.21	-0.02	-0.19	0.00	N/A	ppb
Boron	11-1	-0.01	0.14	-0.13	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	0.71	-1.43	0.72	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.05	0.00	0.00	N/A	ppb
Calcium	43-1	-1.36	1.51	-0.15	0.00	N/A	ppb
Calcium	44-1	0.38	-0.92	0.54	0.00	N/A	ppb
Chromium	52-2	-0.05	0.05	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.11	-0.16	0.05	0.00	N/A	ppb
Iron	57-2	0.62	-0.05	-0.57	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	0.00	-0.01	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	1.11	-0.28	-0.83	0.00	N/A	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:25:51	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-7.19	-20.26	-8.81	-12.09		ppb
Potassium	39-2	-1.28	3.31	-2.03	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.06	-0.32	0.26	0.00	N/A	ppb
Selenium	82-1	-0.39	0.48	-0.09	0.00	N/A	ppb
Silicon	28-1	-0.16	0.10	0.07	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.33	-0.48	0.14	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	12.77	9.98	-24.89	-0.71		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	-0.01	0.00	0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	-0.03	0.06	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 :	LB103296	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:25:51	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.04	-0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:29:26	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.33	2.21	2.19	2.24	3.42	ppb
Antimony	121-1	0.14	0.20	0.17	0.17	17.56	ppb
Arsenic	75-2	0.11	0.17	0.14	0.14	22.31	ppb
Barium	135-1	0.89	0.99	1.15	1.01	12.69	ppb
Barium	137-1	0.92	1.01	1.06	1.00	6.90	ppb
Beryllium	9-1	0.09	0.12	0.14	0.11	21.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	2.28	1.66	3.74	2.56	41.77	ppb
Boron	11-1	2.45	2.29	2.02	2.25	9.57	ppb
Cadmium	111-1	0.10	0.05	0.08	0.08	33.30	ppb
Cadmium	106-1	0.64	-2.77	-1.59	-1.24		ppb
Cadmium	108-1	0.00	0.32	0.00	0.11	172.79	ppb
Calcium	43-1	46.20	47.49	60.54	51.41	15.43	ppb
Calcium	44-1	44.10	46.30	47.84	46.08	4.08	ppb
Chromium	52-2	0.13	0.19	0.18	0.17	21.17	ppb
Cobalt	59-2	0.10	0.09	0.08	0.09	9.51	ppb
Copper	63-2	0.16	0.18	0.20	0.18	9.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	5.62	5.72	5.03	5.46	6.77	ppb
Iron	57-2	7.30	4.14	5.52	5.65	27.94	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.08	0.09	8.53	ppb
Lead	207-1	0.08	0.11	0.12	0.10	18.73	ppb
Lead	208-1	0.09	0.09	0.10	0.09	3.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	50.84	54.24	49.00	51.36	5.18	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:29:26	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.16	0.07	0.10	52.81	ppb
Molybdenum	94-1	0.43	0.40	0.49	0.44	9.97	ppb
Molybdenum	95-1	0.41	0.48	0.44	0.44	7.57	ppb
Molybdenum	96-1	0.49	0.52	0.48	0.50	3.70	ppb
Molybdenum	97-1	0.39	0.41	0.47	0.42	10.40	ppb
Molybdenum	98-1	0.49	0.49	0.51	0.50	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.18	0.19	0.14	61.25	ppb
Phosphorus	31-2	2.19	-16.44	-19.82	-11.36		ppb
Potassium	39-2	48.48	44.79	47.31	46.86	4.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	-0.19	0.59	0.50	130.57	ppb
Selenium	82-1	0.70	0.47	0.89	0.68	30.70	ppb
Silicon	28-1	0.59	0.81	1.26	0.88	38.97	ppb
Silver	109-1	0.10	0.10	0.08	0.09	16.58	ppb
Silver	107-1	0.08	0.10	0.10	0.09	10.41	ppb
Sodium	23-2	46.99	48.90	51.10	49.00	4.20	ppb
Strontium	86-1	0.09	0.08	0.15	0.11	34.22	ppb
Strontium	88-1	0.08	0.09	0.08	0.09	5.93	ppb
Sulfur	34-1	-15.15	18.55	222.88	75.43	170.77	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.09	0.09	0.09	7.64	ppb
Thallium	205-1	0.11	0.07	0.11	0.10	21.74	ppb
Thorium	232-1	0.08	0.08	0.09	0.08	6.70	ppb
Tin	118-1	0.48	0.50	0.48	0.49	1.32	ppb
Titanium	47-1	0.41	0.54	0.48	0.47	14.02	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	5.42	ppb
Vanadium	51-2	0.47	0.50	0.46	0.48	4.93	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:29:26	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.21	0.35	1.99	0.85	115.86	ppb
Zirconium	90-1	0.08	0.09	0.06	0.07	16.75	ppb
Zirconium	91-1	0.09	0.11	0.09	0.10	13.56	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:33:41	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.55	19.09	19.89	19.84	3.67	ppb
Antimony	121-1	1.82	1.87	1.94	1.87	3.24	ppb
Arsenic	75-2	0.78	1.04	1.39	1.07	28.85	ppb
Barium	135-1	10.07	9.64	9.69	9.80	2.39	ppb
Barium	137-1	9.95	9.75	9.43	9.71	2.70	ppb
Beryllium	9-1	0.96	0.98	0.95	0.96	1.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	21.42	23.80	24.24	23.15	6.55	ppb
Boron	11-1	22.73	22.89	23.20	22.94	1.04	ppb
Cadmium	111-1	0.98	0.96	0.96	0.97	1.03	ppb
Cadmium	106-1	0.15	0.21	0.63	0.33	78.90	ppb
Cadmium	108-1	1.00	1.05	1.09	1.05	4.30	ppb
Calcium	43-1	457.52	436.16	483.11	458.93	5.12	ppb
Calcium	44-1	461.40	457.82	463.65	460.96	0.64	ppb
Chromium	52-2	2.02	1.82	1.91	1.92	5.17	ppb
Cobalt	59-2	1.05	1.01	0.94	1.00	5.14	ppb
Copper	63-2	1.94	1.87	1.96	1.92	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	55.96	56.61	55.10	55.89	1.35	ppb
Iron	57-2	56.25	57.33	52.32	55.30	4.76	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.94	0.92	0.95	3.48	ppb
Lead	207-1	0.90	0.88	0.88	0.89	1.45	ppb
Lead	208-1	0.93	0.89	0.86	0.89	3.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	516.55	522.78	515.28	518.20	0.77	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:33:41	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.93	1.19	1.02	14.22	ppb
Molybdenum	94-1	4.63	4.66	4.76	4.68	1.42	ppb
Molybdenum	95-1	4.84	5.05	4.99	4.96	2.11	ppb
Molybdenum	96-1	4.69	4.58	4.55	4.61	1.59	ppb
Molybdenum	97-1	4.73	4.64	4.84	4.74	2.18	ppb
Molybdenum	98-1	4.68	4.74	4.72	4.71	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.97	1.06	1.03	5.56	ppb
Phosphorus	31-2	38.44	19.21	12.69	23.45	57.10	ppb
Potassium	39-2	482.58	480.67	501.20	488.15	2.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	7.80	4.68	4.69	5.72	31.45	ppb
Selenium	78-2	4.76	4.11	5.68	4.85	16.28	ppb
Selenium	82-1	5.23	5.40	4.85	5.16	5.48	ppb
Silicon	28-1	8.20	8.26	8.10	8.19	0.99	ppb
Silver	109-1	0.96	1.00	0.92	0.96	4.59	ppb
Silver	107-1	1.02	0.96	1.00	0.99	2.92	ppb
Sodium	23-2	481.88	486.86	491.34	486.69	0.97	ppb
Strontium	86-1	0.83	1.00	0.83	0.89	11.31	ppb
Strontium	88-1	0.94	0.91	0.95	0.93	2.04	ppb
Sulfur	34-1	-95.43	-69.93	-58.80	-74.72		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.81	0.89	0.84	0.84	5.02	ppb
Thallium	205-1	0.87	0.92	0.89	0.89	2.67	ppb
Thorium	232-1	0.81	0.82	0.84	0.82	1.53	ppb
Tin	118-1	5.01	4.88	5.07	4.99	1.97	ppb
Titanium	47-1	5.15	5.17	5.05	5.12	1.23	ppb
Uranium	238-1	0.86	0.85	0.82	0.84	2.07	ppb
Vanadium	51-2	4.88	4.99	4.82	4.89	1.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:33:41	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.98	2.06	1.98	2.01	2.14	ppb
Zirconium	90-1	0.84	0.82	0.92	0.86	6.37	ppb
Zirconium	91-1	0.96	0.83	0.96	0.92	8.33	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:37:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.68	1038.56	1021.03	1018.09	2.17	ppb
Antimony	121-1	53.24	53.44	52.13	52.94	1.34	ppb
Arsenic	75-2	52.18	53.54	51.16	52.29	2.28	ppb
Barium	135-1	263.90	263.91	261.77	263.20	0.47	ppb
Barium	137-1	259.81	262.07	259.87	260.58	0.49	ppb
Beryllium	9-1	52.79	53.06	52.85	52.90	0.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	51.96	49.62	50.60	50.73	2.32	ppb
Boron	11-1	50.81	51.51	51.90	51.40	1.08	ppb
Cadmium	111-1	53.04	53.93	52.41	53.13	1.43	ppb
Cadmium	106-1	56.75	53.03	54.55	54.78	3.42	ppb
Cadmium	108-1	51.83	54.86	50.84	52.51	3.99	ppb
Calcium	43-1	5121.61	5188.35	5126.06	5145.34	0.73	ppb
Calcium	44-1	5099.00	5099.11	5077.15	5091.75	0.25	ppb
Chromium	52-2	51.07	53.09	50.92	51.69	2.34	ppb
Cobalt	59-2	52.57	54.49	51.83	52.96	2.59	ppb
Copper	63-2	100.03	102.51	98.96	100.50	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	2751.94	2835.27	2740.75	2775.99	1.86	ppb
Iron	57-2	2765.81	2895.93	2825.86	2829.20	2.30	ppb
Krypton	83-1						cps
Lead	206-1	49.40	49.77	50.31	49.83	0.91	ppb
Lead	207-1	49.57	50.12	49.95	49.88	0.57	ppb
Lead	208-1	49.56	49.84	49.85	49.75	0.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	5249.61	5407.02	5177.34	5277.99	2.23	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:37:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.50	102.65	99.70	100.95	1.51	ppb
Molybdenum	94-1	255.28	252.14	252.98	253.47	0.64	ppb
Molybdenum	95-1	256.63	254.99	255.73	255.78	0.32	ppb
Molybdenum	96-1	252.75	249.39	252.57	251.57	0.75	ppb
Molybdenum	97-1	257.83	252.29	253.97	254.70	1.12	ppb
Molybdenum	98-1	252.75	250.81	250.54	251.37	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.19	54.09	53.95	54.08	0.22	ppb
Phosphorus	31-2	1025.03	1061.70	1155.92	1080.88	6.25	ppb
Potassium	39-2	2610.71	2718.14	2614.65	2647.83	2.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	36.72	62.42	58.97	52.70	26.46	ppb
Selenium	78-2	56.15	53.76	53.51	54.47	2.68	ppb
Selenium	82-1	52.53	52.87	50.33	51.91	2.66	ppb
Silicon	28-1	52.86	53.85	53.88	53.53	1.09	ppb
Silver	109-1	54.71	54.46	53.51	54.23	1.17	ppb
Silver	107-1	53.91	53.90	53.54	53.78	0.39	ppb
Sodium	23-2	5158.38	5340.53	5140.26	5213.06	2.12	ppb
Strontium	86-1	51.27	50.72	51.06	51.02	0.55	ppb
Strontium	88-1	51.26	51.09	50.56	50.97	0.71	ppb
Sulfur	34-1	1083.76	926.46	993.66	1001.29	7.88	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	49.18	48.98	49.86	49.34	0.94	ppb
Thallium	205-1	49.09	49.31	49.34	49.25	0.28	ppb
Thorium	232-1	47.13	47.10	47.35	47.19	0.29	ppb
Tin	118-1	53.78	54.75	53.22	53.91	1.44	ppb
Titanium	47-1	255.85	255.76	252.97	254.86	0.64	ppb
Uranium	238-1	44.87	45.35	45.58	45.27	0.80	ppb
Vanadium	51-2	50.00	52.47	49.97	50.81	2.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:37:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	97.16	100.83	96.65	98.21	2.32	ppb
Zirconium	90-1	50.77	50.28	49.58	50.21	1.19	ppb
Zirconium	91-1	51.77	49.82	50.52	50.70	1.95	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:46:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2602.43	2611.68	2592.19	2602.10	0.37	ppb
Antimony	121-1	135.01	133.05	133.16	133.74	0.82	ppb
Arsenic	75-2	131.16	129.10	133.01	131.09	1.49	ppb
Barium	135-1	669.58	661.55	663.13	664.75	0.64	ppb
Barium	137-1	658.28	654.76	658.82	657.29	0.34	ppb
Beryllium	9-1	132.71	133.11	132.16	132.66	0.36	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	125.85	125.16	130.37	127.13	2.23	ppb
Boron	11-1	125.77	129.57	130.30	128.55	1.89	ppb
Cadmium	111-1	133.75	131.41	131.21	132.12	1.07	ppb
Cadmium	106-1	127.43	130.78	126.73	128.31	1.69	ppb
Cadmium	108-1	129.39	128.26	128.59	128.75	0.45	ppb
Calcium	43-1	12939.52	12963.41	12928.45	12943.79	0.14	ppb
Calcium	44-1	12916.85	12987.50	12911.05	12938.47	0.33	ppb
Chromium	52-2	132.05	130.82	131.86	131.57	0.50	ppb
Cobalt	59-2	132.34	133.26	133.56	133.05	0.48	ppb
Copper	63-2	254.11	256.84	255.87	255.60	0.54	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				97		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	6932.81	6897.56	6919.17	6916.52	0.26	ppb
Iron	57-2	7169.74	7082.04	7092.98	7114.92	0.67	ppb
Krypton	83-1						cps
Lead	206-1	127.17	128.95	129.44	128.52	0.93	ppb
Lead	207-1	126.96	127.80	127.22	127.33	0.34	ppb
Lead	208-1	127.02	127.26	128.28	127.52	0.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	13531.73	13448.70	13592.29	13524.24	0.53	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:46:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	261.83	262.28	263.74	262.61	0.38	ppb
Molybdenum	94-1	644.76	636.13	645.41	642.10	0.81	ppb
Molybdenum	95-1	646.83	643.03	643.62	644.49	0.32	ppb
Molybdenum	96-1	646.20	641.11	640.62	642.64	0.48	ppb
Molybdenum	97-1	643.42	644.14	642.81	643.46	0.10	ppb
Molybdenum	98-1	636.35	636.98	638.69	637.34	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.76	133.97	136.15	134.62	0.99	ppb
Phosphorus	31-2	2459.98	2762.90	2547.24	2590.04	6.02	ppb
Potassium	39-2	6629.24	6589.38	6663.53	6627.38	0.56	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	148.05	138.75	125.86	137.55	8.10	ppb
Selenium	78-2	126.33	137.65	130.07	131.35	4.39	ppb
Selenium	82-1	129.05	132.26	131.37	130.89	1.26	ppb
Silicon	28-1	121.10	125.33	124.12	123.52	1.77	ppb
Silver	109-1	134.94	132.19	135.18	134.10	1.24	ppb
Silver	107-1	134.57	132.42	134.07	133.69	0.84	ppb
Sodium	23-2	13211.09	13165.40	13222.31	13199.60	0.23	ppb
Strontium	86-1	127.48	126.67	128.15	127.43	0.58	ppb
Strontium	88-1	130.16	127.71	128.65	128.84	0.96	ppb
Sulfur	34-1	1855.41	1893.37	1904.04	1884.27	1.36	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	126.09	126.81	126.31	126.41	0.29	ppb
Thallium	205-1	125.45	126.26	126.68	126.13	0.50	ppb
Thorium	232-1	121.64	121.91	123.02	122.19	0.60	ppb
Tin	118-1	133.00	133.01	133.42	133.14	0.18	ppb
Titanium	47-1	636.98	644.49	637.00	639.49	0.68	ppb
Uranium	238-1	122.11	123.47	123.79	123.12	0.72	ppb
Vanadium	51-2	128.41	129.51	129.46	129.13	0.48	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:46:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	255.11	256.00	257.38	256.16	0.45	ppb
Zirconium	90-1	128.73	128.95	128.74	128.81	0.09	ppb
Zirconium	91-1	129.72	128.49	129.09	129.10	0.48	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:49:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5127.52	5012.95	5044.02	5061.50	1.17	ppb
Antimony	121-1	258.02	257.36	258.77	258.05	0.27	ppb
Arsenic	75-2	255.55	255.32	255.14	255.34	0.08	ppb
Barium	135-1	1275.83	1274.88	1275.34	1275.35	0.04	ppb
Barium	137-1	1265.63	1258.81	1267.98	1264.14	0.38	ppb
Beryllium	9-1	255.94	255.47	256.66	256.02	0.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	246.45	255.09	251.60	251.05	1.73	ppb
Boron	11-1	248.02	252.81	255.37	252.07	1.48	ppb
Cadmium	111-1	252.72	253.41	253.74	253.29	0.21	ppb
Cadmium	106-1	245.87	249.70	249.36	248.31	0.85	ppb
Cadmium	108-1	249.84	255.92	248.28	251.35	1.61	ppb
Calcium	43-1	25423.17	25449.65	25372.49	25415.10	0.15	ppb
Calcium	44-1	25030.70	25086.20	25210.26	25109.05	0.37	ppb
Chromium	52-2	254.70	256.59	255.27	255.52	0.38	ppb
Cobalt	59-2	258.75	258.59	259.44	258.93	0.17	ppb
Copper	63-2	483.79	487.02	487.85	486.22	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	13596.80	13470.68	13542.83	13536.77	0.47	ppb
Iron	57-2	13894.72	13773.04	13910.29	13859.35	0.54	ppb
Krypton	83-1						cps
Lead	206-1	249.65	249.99	250.46	250.03	0.16	ppb
Lead	207-1	248.90	249.23	248.99	249.04	0.07	ppb
Lead	208-1	247.77	249.05	248.33	248.39	0.26	ppb
Lithium	6-1				90		%
Magnesium	24-2	26011.36	26023.51	25986.52	26007.13	0.07	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:49:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.77	499.30	502.93	502.00	0.47	ppb
Molybdenum	94-1	1226.95	1237.76	1238.62	1234.44	0.53	ppb
Molybdenum	95-1	1242.81	1252.69	1248.00	1247.83	0.40	ppb
Molybdenum	96-1	1240.49	1251.38	1238.85	1243.57	0.55	ppb
Molybdenum	97-1	1243.41	1253.97	1244.23	1247.20	0.47	ppb
Molybdenum	98-1	1224.10	1231.82	1223.52	1226.48	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.17	258.77	259.47	259.47	0.27	ppb
Phosphorus	31-2	5105.71	5060.70	4715.39	4960.60	4.30	ppb
Potassium	39-2	12966.29	12868.66	12959.27	12931.41	0.42	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	269.32	272.75	259.16	267.07	2.65	ppb
Selenium	78-2	261.04	248.12	263.26	257.48	3.17	ppb
Selenium	82-1	251.50	255.61	253.88	253.67	0.81	ppb
Silicon	28-1	263.89	266.19	269.29	266.46	1.02	ppb
Silver	109-1	252.10	252.66	252.93	252.56	0.17	ppb
Silver	107-1	252.94	253.55	251.01	252.50	0.53	ppb
Sodium	23-2	25566.53	25378.11	25486.84	25477.16	0.37	ppb
Strontium	86-1	250.40	251.61	249.84	250.62	0.36	ppb
Strontium	88-1	249.90	250.39	249.13	249.81	0.25	ppb
Sulfur	34-1	4391.09	4382.50	4446.57	4406.72	0.79	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	244.89	244.90	246.88	245.56	0.47	ppb
Thallium	205-1	242.50	244.87	245.21	244.19	0.61	ppb
Thorium	232-1	240.27	240.35	240.09	240.23	0.06	ppb
Tin	118-1	259.74	258.22	258.33	258.76	0.33	ppb
Titanium	47-1	1258.55	1257.76	1260.47	1258.93	0.11	ppb
Uranium	238-1	229.28	231.21	228.12	229.53	0.68	ppb
Vanadium	51-2	251.37	251.88	255.64	252.96	0.92	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:49:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	480.08	483.26	488.47	483.94	0.88	ppb
Zirconium	90-1	247.18	249.57	248.43	248.39	0.48	ppb
Zirconium	91-1	247.89	249.78	247.89	248.52	0.44	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:53:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9998.56	9851.88	10016.57	9955.67	0.91	ppb
Antimony	121-1	505.60	506.51	508.74	506.95	0.32	ppb
Arsenic	75-2	508.78	508.76	506.55	508.03	0.25	ppb
Barium	135-1	2514.40	2506.00	2524.93	2515.11	0.38	ppb
Barium	137-1	2509.26	2498.47	2504.03	2503.92	0.22	ppb
Beryllium	9-1	504.71	508.61	506.48	506.60	0.39	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	491.37	509.30	509.47	503.38	2.07	ppb
Boron	11-1	494.06	504.00	512.06	503.37	1.79	ppb
Cadmium	111-1	489.90	492.21	490.10	490.74	0.26	ppb
Cadmium	106-1	483.13	499.46	481.08	487.89	2.06	ppb
Cadmium	108-1	489.93	494.52	492.80	492.42	0.47	ppb
Calcium	43-1	50418.87	50265.76	50444.38	50376.34	0.19	ppb
Calcium	44-1	49376.24	49978.89	50039.32	49798.15	0.74	ppb
Chromium	52-2	505.54	499.56	502.69	502.60	0.60	ppb
Cobalt	59-2	509.57	501.31	505.59	505.49	0.82	ppb
Copper	63-2	946.63	945.85	944.66	945.71	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	26877.38	26674.41	26606.48	26719.42	0.53	ppb
Iron	57-2	27370.64	27088.09	27338.47	27265.73	0.57	ppb
Krypton	83-1						cps
Lead	206-1	497.30	497.82	500.00	498.38	0.29	ppb
Lead	207-1	495.63	496.11	499.25	497.00	0.40	ppb
Lead	208-1	493.79	494.33	495.84	494.65	0.21	ppb
Lithium	6-1				89		%
Magnesium	24-2	51345.39	50820.53	50944.97	51036.96	0.54	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:53:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.65	992.92	990.09	992.89	0.28	ppb
Molybdenum	94-1	2473.22	2484.19	2484.66	2480.69	0.26	ppb
Molybdenum	95-1	2483.71	2491.42	2495.18	2490.10	0.23	ppb
Molybdenum	96-1	2477.38	2494.51	2487.76	2486.55	0.35	ppb
Molybdenum	97-1	2466.28	2476.28	2484.88	2475.81	0.38	ppb
Molybdenum	98-1	2474.76	2492.59	2511.09	2492.81	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.15	509.60	506.61	508.12	0.29	ppb
Phosphorus	31-2	10444.74	9956.76	10180.28	10193.93	2.40	ppb
Potassium	39-2	25704.53	25609.33	25755.58	25689.81	0.29	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	499.53	498.63	497.72	498.62	0.18	ppb
Selenium	78-2	524.44	519.03	505.83	516.43	1.85	ppb
Selenium	82-1	505.55	503.59	508.97	506.04	0.54	ppb
Silicon	28-1	519.95	528.63	535.27	527.95	1.46	ppb
Silver	109-1	490.65	490.77	488.41	489.94	0.27	ppb
Silver	107-1	487.63	487.31	489.41	488.12	0.23	ppb
Sodium	23-2	50782.45	50253.82	50576.64	50537.63	0.53	ppb
Strontium	86-1	498.28	502.58	501.16	500.67	0.44	ppb
Strontium	88-1	500.34	502.37	504.58	502.43	0.42	ppb
Sulfur	34-1	9598.20	9698.15	9749.22	9681.86	0.79	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	491.04	491.84	494.58	492.49	0.38	ppb
Thallium	205-1	492.36	492.98	494.62	493.32	0.24	ppb
Thorium	232-1	487.45	486.99	490.23	488.22	0.36	ppb
Tin	118-1	510.74	509.32	510.67	510.24	0.16	ppb
Titanium	47-1	2478.20	2503.44	2498.93	2493.53	0.54	ppb
Uranium	238-1	469.41	468.29	467.89	468.53	0.17	ppb
Vanadium	51-2	501.72	495.98	503.02	500.24	0.75	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:53:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	948.15	945.82	935.41	943.13	0.72	ppb
Zirconium	90-1	495.56	497.89	501.93	498.46	0.65	ppb
Zirconium	91-1	496.30	498.70	501.20	498.73	0.49	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:57:33	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19832.84	19617.33	19858.11	19769.43	0.67	ppb
Antimony	121-1	996.04	992.82	990.95	993.27	0.26	ppb
Arsenic	75-2	986.36	998.58	996.38	993.77	0.66	ppb
Barium	135-1	4990.13	5000.37	4950.95	4980.48	0.52	ppb
Barium	137-1	4996.37	4997.67	4975.79	4989.94	0.25	ppb
Beryllium	9-1	997.04	995.23	990.01	994.09	0.37	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	967.33	999.79	1026.26	997.79	2.96	ppb
Boron	11-1	983.87	995.99	1012.14	997.33	1.42	ppb
Cadmium	111-1	1006.48	1003.70	998.10	1002.76	0.43	ppb
Cadmium	106-1	1010.69	1007.36	999.43	1005.83	0.58	ppb
Cadmium	108-1	1005.39	990.93	1012.26	1002.86	1.09	ppb
Calcium	43-1	100345.62	100740.32	100505.68	100530.54	0.20	ppb
Calcium	44-1	100133.73	99893.54	99626.02	99884.43	0.25	ppb
Chromium	52-2	997.03	996.92	995.30	996.42	0.10	ppb
Cobalt	59-2	997.78	987.75	996.08	993.87	0.54	ppb
Copper	63-2	2033.28	2019.76	2036.54	2029.86	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	53277.01	52885.47	53097.23	53086.57	0.37	ppb
Iron	57-2	54169.23	53649.41	54124.26	53980.97	0.53	ppb
Krypton	83-1						cps
Lead	206-1	999.38	997.19	1004.55	1000.37	0.38	ppb
Lead	207-1	1000.65	1000.49	1003.23	1001.46	0.15	ppb
Lead	208-1	1000.62	1000.59	1007.11	1002.77	0.37	ppb
Lithium	6-1				88		%
Magnesium	24-2	102324.50	101672.50	102408.36	102135.12	0.39	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:57:33	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1998.39	1996.64	2009.27	2001.43	0.34	ppb
Molybdenum	94-1	5015.14	5006.26	5012.31	5011.23	0.09	ppb
Molybdenum	95-1	4995.69	5005.08	5007.52	5002.76	0.12	ppb
Molybdenum	96-1	4984.04	5018.75	5015.35	5006.05	0.38	ppb
Molybdenum	97-1	4979.98	5029.94	5020.83	5010.25	0.53	ppb
Molybdenum	98-1	4986.22	5023.08	5014.29	5007.86	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.89	991.09	992.53	992.17	0.10	ppb
Phosphorus	31-2	20186.87	19718.01	19787.88	19897.59	1.27	ppb
Potassium	39-2	50865.57	50542.76	50582.72	50663.69	0.35	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	1020.26	949.52	1014.35	994.71	3.95	ppb
Selenium	78-2	984.89	984.64	997.16	988.90	0.72	ppb
Selenium	82-1	994.97	997.61	993.12	995.23	0.23	ppb
Silicon	28-1	971.07	986.75	987.99	981.94	0.96	ppb
Silver	109-1	1003.68	1004.17	1001.27	1003.04	0.15	ppb
Silver	107-1	1004.63	1002.43	1005.07	1004.04	0.14	ppb
Sodium	23-2	100707.78	100303.13	100813.37	100608.09	0.27	ppb
Strontium	86-1	998.43	1003.21	995.82	999.15	0.37	ppb
Strontium	88-1	999.48	996.44	998.99	998.30	0.16	ppb
Sulfur	34-1	20296.79	20444.99	20411.11	20384.29	0.38	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	1004.59	1004.46	1005.12	1004.72	0.03	ppb
Thallium	205-1	1005.51	1004.78	1003.78	1004.69	0.09	ppb
Thorium	232-1	1009.36	1011.04	1006.06	1008.82	0.25	ppb
Tin	118-1	998.12	989.98	986.32	991.47	0.61	ppb
Titanium	47-1	5006.37	5005.06	4985.43	4998.95	0.23	ppb
Uranium	238-1	1022.13	1020.87	1020.97	1021.32	0.07	ppb
Vanadium	51-2	998.85	996.38	1000.52	998.58	0.21	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:57:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2041.19	2026.12	2028.00	2031.77	0.40	ppb
Zirconium	90-1	995.99	1004.83	1001.23	1000.69	0.44	ppb
Zirconium	91-1	1000.11	1000.26	1001.00	1000.46	0.05	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:01:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100018.07	100227.63	99888.52	100044.74	0.17	ppb
Antimony	121-1	1.42	1.61	1.59	1.54	6.73	ppb
Arsenic	75-2	1.22	1.52	1.44	1.39	11.02	ppb
Barium	135-1	1.02	1.05	0.96	1.01	4.18	ppb
Barium	137-1	1.04	1.01	1.02	1.02	1.08	ppb
Beryllium	9-1	0.29	0.22	0.27	0.26	14.71	ppb
Bismuth	209-1				80		%
Bismuth	209-2				77		%
Boron	10-1	54.87	48.51	47.82	50.40	7.71	ppb
Boron	11-1	51.44	49.57	43.62	48.21	8.47	ppb
Cadmium	111-1	0.25	0.16	0.21	0.20	22.04	ppb
Cadmium	106-1	-0.35	-1.75	-1.76	-1.29		ppb
Cadmium	108-1	0.32	0.38	0.28	0.33	15.63	ppb
Calcium	43-1	500053.10	500677.40	498738.49	499823.00	0.20	ppb
Calcium	44-1	501174.74	499843.41	499059.87	500026.01	0.21	ppb
Chromium	52-2	7.37	7.28	7.00	7.22	2.69	ppb
Cobalt	59-2	11.69	11.26	11.05	11.33	2.91	ppb
Copper	63-2	2.19	2.07	2.18	2.15	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				81		%
Iron	56-2	249939.97	249044.68	248433.79	249139.48	0.30	ppb
Iron	57-2	249292.91	249989.92	247370.22	248884.35	0.55	ppb
Krypton	83-1						cps
Lead	206-1	1.22	1.22	1.20	1.22	0.99	ppb
Lead	207-1	1.23	1.19	1.08	1.16	6.79	ppb
Lead	208-1	1.18	1.19	1.19	1.18	0.45	ppb
Lithium	6-1				83		%
Magnesium	24-2	497562.08	499526.34	501083.14	499390.52	0.35	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:01:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.83	7.92	7.91	7.88	0.65	ppb
Molybdenum	94-1	3.25	2.97	2.93	3.05	5.64	ppb
Molybdenum	95-1	3.87	4.04	3.77	3.89	3.56	ppb
Molybdenum	96-1	4.84	4.93	4.57	4.78	3.89	ppb
Molybdenum	97-1	3.85	3.57	3.40	3.61	6.23	ppb
Molybdenum	98-1	3.81	3.66	3.45	3.64	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.94	11.46	11.76	11.72	2.10	ppb
Phosphorus	31-2	-13.65	19.37	-2.95	0.92	1822.75	ppb
Potassium	39-2	249136.77	249825.34	250335.36	249765.82	0.24	ppb
Rhodium	103-1				74		%
Rhodium	103-2				74		%
Scandium	45-1				82		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	1.79	0.60	173.21	ppb
Selenium	78-2	0.41	1.60	-0.06	0.65	131.52	ppb
Selenium	82-1	1.39	0.74	0.06	0.73	91.66	ppb
Silicon	28-1	111.94	116.76	119.49	116.07	3.29	ppb
Silver	109-1	0.12	0.12	0.11	0.12	4.35	ppb
Silver	107-1	0.11	0.14	0.10	0.12	19.19	ppb
Sodium	23-2	499413.95	499373.00	500556.51	499781.15	0.13	ppb
Strontium	86-1	4.05	3.95	4.24	4.08	3.62	ppb
Strontium	88-1	4.18	4.19	4.13	4.17	0.66	ppb
Sulfur	34-1	-919.92	-872.54	-717.85	-836.77		ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	0.40	0.36	0.31	0.36	12.87	ppb
Thallium	205-1	0.42	0.35	0.33	0.37	13.00	ppb
Thorium	232-1	0.34	0.33	0.29	0.32	8.75	ppb
Tin	118-1	0.80	0.81	0.77	0.79	2.69	ppb
Titanium	47-1	2.33	2.33	2.57	2.41	5.78	ppb
Uranium	238-1	0.15	0.13	0.12	0.14	10.88	ppb
Vanadium	51-2	0.18	0.19	0.17	0.18	5.84	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:01:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.39	14.91	14.15	14.48	2.69	ppb
Zirconium	90-1	0.28	0.35	0.33	0.32	11.15	ppb
Zirconium	91-1	0.31	0.29	0.27	0.29	6.23	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:11:50	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	478.50	471.40	461.16	470.35	1.85	ppb
Antimony	121-1	195.71	185.40	192.52	191.21	2.76	ppb
Arsenic	75-2	196.46	193.23	195.51	195.06	0.85	ppb
Barium	135-1	99.29	94.90	96.88	97.02	2.27	ppb
Barium	137-1	99.06	93.81	97.03	96.63	2.74	ppb
Beryllium	9-1	95.48	91.76	93.95	93.73	1.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	7.51	6.45	7.87	7.28	10.16	ppb
Boron	11-1	7.52	6.86	6.81	7.06	5.58	ppb
Cadmium	111-1	99.51	93.36	99.42	97.43	3.62	ppb
Cadmium	106-1	74.38	67.70	70.88	70.99	4.71	ppb
Cadmium	108-1	103.95	101.38	100.13	101.82	1.91	ppb
Calcium	43-1	1980.17	1819.93	1947.83	1915.98	4.42	ppb
Calcium	44-1	1937.82	1848.95	1914.84	1900.54	2.43	ppb
Chromium	52-2	96.40	95.50	94.51	95.47	0.99	ppb
Cobalt	59-2	99.27	99.27	97.82	98.78	0.85	ppb
Copper	63-2	95.59	95.34	94.95	95.29	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	1056.38	1055.44	1054.22	1055.35	0.10	ppb
Iron	57-2	1069.45	1061.86	1061.51	1064.27	0.42	ppb
Krypton	83-1						cps
Lead	206-1	194.15	184.43	190.78	189.79	2.60	ppb
Lead	207-1	185.28	176.06	181.72	181.02	2.57	ppb
Lead	208-1	188.56	179.00	185.38	184.31	2.64	ppb
Lithium	6-1				107		%
Magnesium	24-2	1253.95	1231.08	1235.10	1240.04	0.99	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:11:50	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.21	94.58	93.79	94.53	0.76	ppb
Molybdenum	94-1	1582.06	1520.71	1578.44	1560.40	2.21	ppb
Molybdenum	95-1	2307.28	2219.82	2310.64	2279.24	2.26	ppb
Molybdenum	96-1	2217.09	2139.92	2218.50	2191.84	2.05	ppb
Molybdenum	97-1	2273.20	2190.41	2270.72	2244.78	2.10	ppb
Molybdenum	98-1	2294.31	2216.26	2301.23	2270.60	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.66	101.24	99.96	100.62	0.64	ppb
Phosphorus	31-2	-3.01	-22.46	-12.82	-12.76		ppb
Potassium	39-2	1956.65	1957.77	1980.57	1965.00	0.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	195.38	184.69	188.07	189.38	2.89	ppb
Selenium	78-2	192.19	199.78	202.21	198.06	2.64	ppb
Selenium	82-1	197.85	188.61	196.34	194.26	2.55	ppb
Silicon	28-1	5.77	5.34	7.84	6.32	21.16	ppb
Silver	109-1	100.16	95.43	98.82	98.14	2.49	ppb
Silver	107-1	101.67	94.79	99.64	98.70	3.58	ppb
Sodium	23-2	2016.13	2003.58	1988.01	2002.57	0.70	ppb
Strontium	86-1	2.11	1.97	2.17	2.08	5.10	ppb
Strontium	88-1	2.26	2.13	2.26	2.22	3.43	ppb
Sulfur	34-1	-916.95	-1433.91	-1163.22	-1171.36		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	189.53	180.39	187.78	185.90	2.61	ppb
Thallium	205-1	188.57	180.60	186.38	185.18	2.22	ppb
Thorium	232-1	0.08	0.07	0.08	0.08	4.21	ppb
Tin	118-1	0.05	0.06	0.04	0.05	22.92	ppb
Titanium	47-1	2362.35	2211.13	2316.87	2296.78	3.38	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	137.30	ppb
Vanadium	51-2	94.41	95.20	93.24	94.28	1.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:11:50	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	189.43	187.93	186.85	188.07	0.69	ppb
Zirconium	90-1	0.21	0.18	0.19	0.19	7.97	ppb
Zirconium	91-1	0.31	0.33	0.27	0.30	10.38	ppb

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 17:24:15 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.15	0.50	0.26	77.24	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	6.30	ppb
Arsenic	75-2	-0.02	0.03	-0.02	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	45.15	ppb
Barium	137-1	0.05	0.02	0.02	0.03	58.90	ppb
Beryllium	9-1	0.08	0.04	0.03	0.05	42.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	3.67	4.34	3.71	3.91	9.66	ppb
Boron	11-1	3.77	4.00	2.97	3.58	15.04	ppb
Cadmium	111-1	-0.01	0.01	-0.01	-0.01		ppb
Cadmium	106-1	-2.14	-0.40	-2.83	-1.79		ppb
Cadmium	108-1	0.04	-0.05	-0.05	-0.02		ppb
Calcium	43-1	-1.44	1.36	2.30	0.74	263.25	ppb
Calcium	44-1	1.97	-0.36	3.06	1.56	111.89	ppb
Chromium	52-2	0.04	-0.01	0.00	0.01	222.10	ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	130.80	ppb
Copper	63-2	0.00	0.01	0.00	0.01	73.62	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				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	1.03	0.74	1.60	1.13	38.82	ppb
Iron	57-2	1.89	4.30	1.25	2.48	64.82	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	37.03	ppb
Lead	207-1	0.02	0.02	0.02	0.02	19.77	ppb
Lead	208-1	0.02	0.02	0.01	0.01	21.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.50	2.05	2.57	2.71	27.12	ppb

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 17:24:15 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	-0.01	0.00	256.87	ppb
Molybdenum	94-1	0.04	0.07	0.09	0.07	39.04	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.11	5.98	ppb
Molybdenum	96-1	0.12	0.07	0.08	0.09	26.66	ppb
Molybdenum	97-1	0.10	0.06	0.09	0.08	23.74	ppb
Molybdenum	98-1	0.13	0.09	0.18	0.13	32.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.02	0.00	280.56	ppb
Phosphorus	31-2	-18.55	-27.41	-39.45	-28.47		ppb
Potassium	39-2	-4.89	0.04	1.38	-1.16		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.13	0.03	0.63	0.60	92.00	ppb
Selenium	82-1	-0.07	-0.10	-0.05	-0.07		ppb
Silicon	28-1	-0.08	-0.40	-0.41	-0.29		ppb
Silver	109-1	0.01	0.00	0.01	0.00	101.77	ppb
Silver	107-1	0.01	0.00	0.00	0.01	85.22	ppb
Sodium	23-2	7.44	8.60	8.36	8.13	7.55	ppb
Strontium	86-1	0.05	-0.02	-0.01	0.01	641.68	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	34.31	ppb
Sulfur	34-1	-344.77	-457.30	-405.26	-402.44		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.03	0.03	0.02	45.84	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	15.56	ppb
Thorium	232-1	0.03	0.02	0.02	0.03	11.04	ppb
Tin	118-1	0.02	0.01	0.00	0.01	151.24	ppb
Titanium	47-1	0.03	-0.02	0.03	0.01	199.44	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	584.68	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.01	199.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:24:15	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.09	0.06	0.08	22.57	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	114.13	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:27:52	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88760.52	89832.26	89291.71	89294.83	0.60	ppb
Antimony	121-1	1.13	1.10	1.14	1.12	1.97	ppb
Arsenic	75-2	0.40	0.37	0.34	0.37	7.89	ppb
Barium	135-1	1.57	1.46	1.51	1.52	3.74	ppb
Barium	137-1	1.44	1.40	1.53	1.46	4.67	ppb
Beryllium	9-1	0.38	0.34	0.32	0.35	8.12	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	5.41	3.39	3.87	4.23	24.92	ppb
Boron	11-1	3.54	3.41	3.55	3.50	2.16	ppb
Cadmium	111-1	1.17	1.00	1.03	1.07	8.75	ppb
Cadmium	106-1	-3.25	-5.00	-3.75	-4.00		ppb
Cadmium	108-1	14.63	15.64	14.89	15.05	3.49	ppb
Calcium	43-1	98905.95	97506.27	98624.11	98345.44	0.75	ppb
Calcium	44-1	97365.64	97544.12	98103.74	97671.17	0.39	ppb
Chromium	52-2	19.11	19.40	19.42	19.31	0.91	ppb
Cobalt	59-2	1.15	1.25	1.19	1.20	4.33	ppb
Copper	63-2	7.23	7.32	7.22	7.26	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	102010.98	103804.81	101924.88	102580.22	1.03	ppb
Iron	57-2	101953.27	104025.11	102369.10	102782.49	1.07	ppb
Krypton	83-1						cps
Lead	206-1	4.68	4.72	4.64	4.68	0.85	ppb
Lead	207-1	4.04	4.09	4.17	4.10	1.52	ppb
Lead	208-1	4.31	4.38	4.33	4.34	0.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	100243.51	101611.06	100392.25	100748.94	0.74	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:27:52	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.89	8.05	7.90	7.95	1.08	ppb
Molybdenum	94-1	1300.72	1306.88	1302.29	1303.30	0.25	ppb
Molybdenum	95-1	1901.97	1906.10	1899.45	1902.51	0.18	ppb
Molybdenum	96-1	1823.23	1827.82	1821.25	1824.10	0.18	ppb
Molybdenum	97-1	1912.71	1916.44	1902.71	1910.62	0.37	ppb
Molybdenum	98-1	1884.06	1910.59	1893.92	1896.19	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.33	5.12	5.19	2.39	ppb
Phosphorus	31-2	95052.73	95049.49	94968.94	95023.72	0.05	ppb
Potassium	39-2	97564.00	98580.99	97236.24	97793.74	0.72	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	0.21	0.21	0.08	303.37	ppb
Selenium	82-1	0.51	0.31	0.02	0.28	87.04	ppb
Silicon	28-1	19.45	19.19	18.94	19.19	1.34	ppb
Silver	109-1	0.06	0.04	0.07	0.06	29.87	ppb
Silver	107-1	0.04	0.04	0.05	0.04	10.90	ppb
Sodium	23-2	98740.19	99861.36	98771.59	99124.38	0.64	ppb
Strontium	86-1	32.89	33.83	33.56	33.43	1.45	ppb
Strontium	88-1	33.25	33.69	33.68	33.54	0.75	ppb
Sulfur	34-1	101354.75	100631.11	101552.49	101179.45	0.48	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.10	0.09	0.09	0.09	5.19	ppb
Thallium	205-1	0.10	0.11	0.12	0.11	8.30	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	7.22	ppb
Tin	118-1	0.16	0.21	0.17	0.18	17.03	ppb
Titanium	47-1	1993.23	1970.69	1990.73	1984.88	0.62	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	15.98	ppb
Vanadium	51-2	0.16	0.19	0.22	0.19	13.64	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:27:52	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.21	10.77	10.56	10.51	2.66	ppb
Zirconium	90-1	0.01	0.04	0.05	0.03	72.15	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	57.29	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:31:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89661.89	89345.23	89688.59	89565.24	0.21	ppb
Antimony	121-1	21.01	20.87	20.95	20.94	0.34	ppb
Arsenic	75-2	19.30	19.82	19.19	19.44	1.72	ppb
Barium	135-1	22.31	22.20	20.99	21.83	3.36	ppb
Barium	137-1	21.24	21.13	22.03	21.47	2.29	ppb
Beryllium	9-1	19.74	19.96	19.84	19.85	0.53	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	71.04	70.50	73.01	71.52	1.84	ppb
Boron	11-1	71.51	70.74	70.32	70.86	0.85	ppb
Cadmium	111-1	19.51	19.80	19.38	19.56	1.08	ppb
Cadmium	106-1	26.01	23.39	26.62	25.34	6.77	ppb
Cadmium	108-1	35.72	35.08	36.47	35.76	1.95	ppb
Calcium	43-1	99247.56	99935.53	99484.21	99555.77	0.35	ppb
Calcium	44-1	97652.96	98369.45	98559.11	98193.84	0.49	ppb
Chromium	52-2	39.58	39.16	38.70	39.15	1.12	ppb
Cobalt	59-2	21.08	21.05	21.00	21.04	0.20	ppb
Copper	63-2	26.11	25.90	26.00	26.00	0.41	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				97		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	103665.40	103272.35	103040.98	103326.24	0.31	ppb
Iron	57-2	103307.30	104062.50	103408.34	103592.71	0.40	ppb
Krypton	83-1						cps
Lead	206-1	25.70	25.68	26.03	25.80	0.76	ppb
Lead	207-1	23.64	23.81	23.65	23.70	0.41	ppb
Lead	208-1	24.23	24.31	24.27	24.27	0.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	101258.47	101575.24	101537.31	101457.00	0.17	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:31:28	DataFile Name :	017ICSAB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.18	27.29	27.37	27.28	0.36	ppb
Molybdenum	94-1	1455.89	1449.19	1454.29	1453.13	0.24	ppb
Molybdenum	95-1	1979.56	1982.45	1975.87	1979.29	0.17	ppb
Molybdenum	96-1	1914.76	1910.55	1913.18	1912.83	0.11	ppb
Molybdenum	97-1	1976.83	1977.38	1971.72	1975.31	0.16	ppb
Molybdenum	98-1	1980.76	1972.71	1985.80	1979.76	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.98	25.44	25.20	25.21	0.92	ppb
Phosphorus	31-2	96674.53	95070.32	96912.96	96219.27	1.04	ppb
Potassium	39-2	98712.95	98341.60	98682.71	98579.09	0.21	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	16.30	17.92	13.03	15.75	15.81	ppb
Selenium	78-2	20.08	20.34	18.98	19.80	3.62	ppb
Selenium	82-1	19.86	19.58	19.13	19.52	1.91	ppb
Silicon	28-1	78.47	79.07	80.26	79.26	1.15	ppb
Silver	109-1	18.34	18.24	17.84	18.14	1.45	ppb
Silver	107-1	18.43	18.30	18.19	18.30	0.65	ppb
Sodium	23-2	99388.99	99992.44	99809.81	99730.41	0.31	ppb
Strontium	86-1	105.99	107.93	108.43	107.45	1.20	ppb
Strontium	88-1	108.23	107.48	107.45	107.72	0.41	ppb
Sulfur	34-1	101633.21	102459.93	102444.70	102179.28	0.46	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	20.39	20.42	20.73	20.51	0.91	ppb
Thallium	205-1	20.74	20.21	20.42	20.46	1.28	ppb
Thorium	232-1	0.31	0.32	0.32	0.32	0.48	ppb
Tin	118-1	62.34	61.25	61.59	61.73	0.90	ppb
Titanium	47-1	2050.54	2064.63	2063.04	2059.40	0.37	ppb
Uranium	238-1	62.43	62.91	62.03	62.46	0.71	ppb
Vanadium	51-2	19.06	19.39	19.66	19.37	1.56	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:31:28	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.73	28.86	29.20	28.93	0.84	ppb
Zirconium	90-1	60.79	61.39	60.74	60.98	0.59	ppb
Zirconium	91-1	62.20	61.06	60.98	61.41	1.11	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P7
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:35:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53883.29	53595.67	54470.25	53983.07	0.83	ppb
Antimony	121-1	499.03	498.38	495.52	497.65	0.38	ppb
Arsenic	75-2	533.91	524.71	528.11	528.91	0.88	ppb
Barium	135-1	2543.93	2535.94	2520.46	2533.44	0.47	ppb
Barium	137-1	2531.72	2514.67	2527.91	2524.77	0.35	ppb
Beryllium	9-1	506.94	504.10	502.80	504.61	0.42	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	492.34	504.15	509.47	501.99	1.75	ppb
Boron	11-1	493.70	499.01	506.85	499.85	1.32	ppb
Cadmium	111-1	518.20	520.39	517.08	518.56	0.32	ppb
Cadmium	106-1	519.97	504.29	501.95	508.74	1.93	ppb
Cadmium	108-1	519.92	517.51	511.32	516.25	0.86	ppb
Calcium	43-1	245439.48	244767.47	246354.02	245520.32	0.32	ppb
Calcium	44-1	242693.72	243842.91	244348.75	243628.46	0.35	ppb
Chromium	52-2	496.86	493.97	503.73	498.18	1.01	ppb
Cobalt	59-2	490.09	488.51	499.20	492.60	1.17	ppb
Copper	63-2	968.41	964.91	985.24	972.85	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	126101.63	125285.56	128150.97	126512.72	1.17	ppb
Iron	57-2	128320.83	127613.94	130777.16	128903.98	1.29	ppb
Krypton	83-1						cps
Lead	206-1	523.46	511.92	516.58	517.32	1.12	ppb
Lead	207-1	518.51	514.72	517.01	516.75	0.37	ppb
Lead	208-1	517.04	511.50	513.20	513.91	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	249510.12	248120.34	253390.19	250340.22	1.09	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P7
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:35:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.95	966.06	983.41	972.14	1.01	ppb
Molybdenum	94-1	2526.13	2528.78	2513.81	2522.91	0.32	ppb
Molybdenum	95-1	2536.23	2533.38	2540.21	2536.61	0.14	ppb
Molybdenum	96-1	2539.40	2553.55	2541.64	2544.86	0.30	ppb
Molybdenum	97-1	2518.34	2518.67	2516.07	2517.69	0.06	ppb
Molybdenum	98-1	2535.59	2547.40	2542.52	2541.84	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.86	482.37	495.29	485.84	1.70	ppb
Phosphorus	31-2	9735.54	9979.96	9709.58	9808.36	1.52	ppb
Potassium	39-2	126262.66	124811.57	127450.75	126175.00	1.05	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	520.24	550.55	499.64	523.48	4.89	ppb
Selenium	78-2	517.98	517.28	518.19	517.82	0.09	ppb
Selenium	82-1	516.89	511.55	522.63	517.03	1.07	ppb
Silicon	28-1	533.21	544.17	553.28	543.55	1.85	ppb
Silver	109-1	511.35	507.36	505.38	508.03	0.60	ppb
Silver	107-1	511.36	505.16	500.18	505.57	1.11	ppb
Sodium	23-2	249438.83	246735.23	253584.10	249919.39	1.38	ppb
Strontium	86-1	508.54	506.18	509.86	508.19	0.37	ppb
Strontium	88-1	511.70	509.83	511.70	511.08	0.21	ppb
Sulfur	34-1	9926.19	10218.30	10309.35	10151.28	1.97	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	516.83	513.58	513.61	514.67	0.36	ppb
Thallium	205-1	515.25	511.90	517.97	515.04	0.59	ppb
Thorium	232-1	528.49	524.79	528.38	527.22	0.40	ppb
Tin	118-1	507.34	506.93	504.80	506.36	0.27	ppb
Titanium	47-1	2558.54	2558.48	2545.30	2554.11	0.30	ppb
Uranium	238-1	503.92	503.48	505.25	504.22	0.18	ppb
Vanadium	51-2	496.52	494.26	504.05	498.28	1.03	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P7
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:35:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	946.66	935.51	955.18	945.78	1.04	ppb
Zirconium	90-1	508.23	509.85	507.69	508.59	0.22	ppb
Zirconium	91-1	508.26	510.28	511.28	509.94	0.30	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P7
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:47:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	0.25	0.73	0.25	196.03	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	28.45	ppb
Arsenic	75-2	0.02	0.03	-0.02	0.01	199.13	ppb
Barium	135-1	0.01	0.00	0.00	0.01	135.69	ppb
Barium	137-1	0.03	0.01	0.00	0.01	121.94	ppb
Beryllium	9-1	0.06	0.07	0.04	0.06	33.14	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	6.75	7.12	5.68	6.51	11.41	ppb
Boron	11-1	5.98	5.51	5.57	5.69	4.48	ppb
Cadmium	111-1	0.02	0.02	0.00	0.01	89.07	ppb
Cadmium	106-1	-0.88	-1.59	-1.40	-1.29		ppb
Cadmium	108-1	-0.05	0.00	0.00	-0.02		ppb
Calcium	43-1	8.66	7.46	2.67	6.26	50.61	ppb
Calcium	44-1	3.66	4.54	5.88	4.69	23.78	ppb
Chromium	52-2	0.02	0.05	0.01	0.03	64.57	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	28.29	ppb
Copper	63-2	0.06	0.03	0.07	0.05	38.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2.12	2.12	2.31	2.18	5.05	ppb
Iron	57-2	1.27	4.13	1.26	2.22	74.53	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	14.88	ppb
Lead	207-1	0.05	0.02	0.03	0.03	44.76	ppb
Lead	208-1	0.03	0.03	0.02	0.03	13.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.04	3.79	3.40	3.41	11.06	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P7
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:47:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	-0.01	0.01	278.63	ppb
Molybdenum	94-1	0.10	0.11	0.08	0.10	16.83	ppb
Molybdenum	95-1	0.09	0.13	0.10	0.11	22.48	ppb
Molybdenum	96-1	0.17	0.16	0.11	0.14	22.83	ppb
Molybdenum	97-1	0.18	0.13	0.14	0.15	16.54	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.16	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.00	0.00		ppb
Phosphorus	31-2	-13.30	-19.70	-13.35	-15.45		ppb
Potassium	39-2	6.34	-3.87	0.89	1.12	456.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.70	0.84	1.36	0.97	35.87	ppb
Selenium	82-1	0.01	0.38	0.01	0.13	162.38	ppb
Silicon	28-1	-0.67	-1.00	-0.58	-0.75		ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.38	ppb
Silver	107-1	0.01	0.02	0.01	0.01	38.92	ppb
Sodium	23-2	10.91	11.91	10.54	11.12	6.35	ppb
Strontium	86-1	0.01	0.07	0.00	0.03	159.83	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	65.09	ppb
Sulfur	34-1	-93.10	-187.54	10.93	-89.90		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.04	0.03	0.03	41.66	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	33.21	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	5.71	ppb
Tin	118-1	0.02	0.01	0.03	0.02	44.52	ppb
Titanium	47-1	0.07	0.06	0.01	0.05	70.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	287.05	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	53.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P7
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:47:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	0.25	0.15	0.12	131.25	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	51.04	ppb
Zirconium	91-1	-0.02	0.00	0.02	0.00		ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:50:46	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.23	19.53	19.66	20.14	4.70	ppb
Antimony	121-1	1.93	1.83	1.86	1.87	2.76	ppb
Arsenic	75-2	0.97	0.86	0.99	0.94	7.44	ppb
Barium	135-1	10.43	10.05	9.80	10.09	3.18	ppb
Barium	137-1	9.73	10.23	9.56	9.84	3.54	ppb
Beryllium	9-1	1.06	0.93	1.05	1.01	7.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	24.15	26.36	25.71	25.41	4.48	ppb
Boron	11-1	25.67	25.92	27.22	26.27	3.18	ppb
Cadmium	111-1	0.96	0.99	0.97	0.97	1.50	ppb
Cadmium	106-1	0.04	-0.63	-0.89	-0.49		ppb
Cadmium	108-1	1.05	0.81	1.08	0.98	14.80	ppb
Calcium	43-1	478.20	477.45	483.66	479.77	0.71	ppb
Calcium	44-1	490.26	479.67	486.61	485.52	1.11	ppb
Chromium	52-2	1.99	1.85	1.86	1.90	3.96	ppb
Cobalt	59-2	0.93	0.95	0.90	0.93	2.60	ppb
Copper	63-2	2.07	2.00	1.95	2.01	3.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	58.01	59.09	58.93	58.67	0.99	ppb
Iron	57-2	58.88	55.22	56.35	56.82	3.29	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.94	0.97	0.98	4.04	ppb
Lead	207-1	1.00	0.97	0.94	0.97	2.63	ppb
Lead	208-1	0.97	0.94	0.94	0.95	2.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	517.06	516.49	522.04	518.53	0.59	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:50:46	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.00	0.98	0.98	2.03	ppb
Molybdenum	94-1	4.88	4.92	4.81	4.87	1.12	ppb
Molybdenum	95-1	5.33	5.08	5.09	5.17	2.74	ppb
Molybdenum	96-1	5.01	4.77	4.89	4.89	2.50	ppb
Molybdenum	97-1	5.01	4.93	4.70	4.88	3.34	ppb
Molybdenum	98-1	4.90	5.00	5.11	5.00	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.06	1.13	1.06	6.82	ppb
Phosphorus	31-2	8.19	17.87	27.24	17.76	53.63	ppb
Potassium	39-2	479.90	493.32	496.93	490.05	1.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	5.35	9.90	5.36	6.87	38.20	ppb
Selenium	78-2	4.63	4.48	4.77	4.63	3.08	ppb
Selenium	82-1	6.04	5.82	5.77	5.88	2.39	ppb
Silicon	28-1	8.91	7.48	9.42	8.60	11.72	ppb
Silver	109-1	0.98	1.07	1.02	1.03	4.50	ppb
Silver	107-1	0.94	0.98	0.96	0.96	2.19	ppb
Sodium	23-2	509.63	505.24	510.57	508.48	0.56	ppb
Strontium	86-1	0.93	0.91	0.99	0.94	4.32	ppb
Strontium	88-1	0.97	0.94	0.95	0.95	1.74	ppb
Sulfur	34-1	-122.80	-65.64	-60.20	-82.88		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.94	0.93	1.00	0.96	4.13	ppb
Thallium	205-1	0.90	0.93	0.92	0.92	1.74	ppb
Thorium	232-1	0.86	0.85	0.85	0.85	0.34	ppb
Tin	118-1	5.28	5.12	5.06	5.15	2.28	ppb
Titanium	47-1	4.65	4.94	4.66	4.75	3.57	ppb
Uranium	238-1	0.84	0.90	0.87	0.87	3.56	ppb
Vanadium	51-2	4.96	5.08	5.05	5.03	1.17	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:50:46	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.79	2.38	1.99	2.05	14.54	ppb
Zirconium	90-1	0.94	0.92	0.95	0.94	1.77	ppb
Zirconium	91-1	1.05	0.86	0.98	0.96	10.06	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K2950-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AE3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 17:54:22	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.50	4.46	7.90	5.95	29.68	ppb
Antimony	121-1	0.39	0.37	0.37	0.38	2.81	ppb
Arsenic	75-2	4.83	4.80	4.45	4.70	4.51	ppb
Barium	135-1	28.91	28.70	28.44	28.68	0.83	ppb
Barium	137-1	28.39	28.33	28.12	28.28	0.50	ppb
Beryllium	9-1	0.07	0.03	0.06	0.05	31.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	47.29	45.51	45.64	46.15	2.14	ppb
Boron	11-1	46.53	45.95	47.25	46.58	1.40	ppb
Cadmium	111-1	3.38	3.26	3.36	3.33	1.77	ppb
Cadmium	106-1	0.77	0.30	0.24	0.44	67.20	ppb
Cadmium	108-1	3.07	3.01	3.37	3.15	6.19	ppb
Calcium	43-1	72663.83	73234.89	72793.48	72897.40	0.41	ppb
Calcium	44-1	72258.52	72860.04	72645.83	72588.13	0.42	ppb
Chromium	52-2	-0.02	-0.02	-0.08	-0.04		ppb
Cobalt	59-2	0.79	0.72	0.61	0.71	13.06	ppb
Copper	63-2	290.26	277.58	274.26	280.70	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	6.62	6.03	5.74	6.13	7.33	ppb
Iron	57-2	320.65	302.52	322.06	315.08	3.46	ppb
Krypton	83-1						cps
Lead	206-1	2.55	2.52	2.53	2.53	0.66	ppb
Lead	207-1	2.35	2.41	2.24	2.33	3.64	ppb
Lead	208-1	2.46	2.48	2.44	2.46	0.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	17535.25	16716.32	16640.42	16964.00	2.92	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K2950-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AE3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 17:54:22	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	241.38	230.67	227.94	233.33	3.05	ppb
Molybdenum	94-1	0.88	0.98	0.94	0.93	5.70	ppb
Molybdenum	95-1	1.13	1.19	1.21	1.18	3.52	ppb
Molybdenum	96-1	1.15	1.13	1.22	1.17	4.37	ppb
Molybdenum	97-1	1.25	1.23	1.33	1.27	4.22	ppb
Molybdenum	98-1	1.25	1.16	1.14	1.18	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.26	2.40	2.36	3.67	ppb
Phosphorus	31-2	-10.98	-2.46	23.31	3.29	543.21	ppb
Potassium	39-2	5572.04	5345.03	5313.63	5410.24	2.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	0.80	0.00	0.78	0.53	86.63	ppb
Selenium	78-2	1.22	0.11	0.49	0.61	92.89	ppb
Selenium	82-1	0.86	0.29	0.20	0.45	80.12	ppb
Silicon	28-1	5795.79	5813.63	5808.04	5805.82	0.16	ppb
Silver	109-1	0.01	0.03	0.01	0.02	51.85	ppb
Silver	107-1	0.01	0.02	0.01	0.02	35.86	ppb
Sodium	23-2	31143.46	29794.14	29499.58	30145.73	2.91	ppb
Strontium	86-1	663.59	666.01	667.36	665.65	0.29	ppb
Strontium	88-1	670.40	673.31	670.62	671.44	0.24	ppb
Sulfur	34-1	70534.82	70777.08	70090.85	70467.58	0.49	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.04	0.02	0.03	41.18	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	4.73	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	10.13	ppb
Tin	118-1	0.01	0.03	0.01	0.01	61.23	ppb
Titanium	47-1	0.93	0.91	0.76	0.87	10.63	ppb
Uranium	238-1	8.65	8.56	8.60	8.60	0.56	ppb
Vanadium	51-2	1.02	1.12	1.00	1.05	5.97	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K2950-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AE3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 17:54:22	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1360.53	1314.91	1298.88	1324.77	2.41	ppb
Zirconium	90-1	0.04	0.03	0.06	0.04	40.70	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	32.48	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P7
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:03:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53906.45	54238.55	53609.75	53918.25	0.58	ppb
Antimony	121-1	511.76	512.17	476.58	500.17	4.08	ppb
Arsenic	75-2	531.04	539.39	538.51	536.31	0.86	ppb
Barium	135-1	2474.21	2477.31	2309.36	2420.29	3.97	ppb
Barium	137-1	2489.22	2483.03	2313.51	2428.59	4.11	ppb
Beryllium	9-1	491.75	492.24	468.41	484.13	2.81	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	479.28	482.87	468.54	476.90	1.56	ppb
Boron	11-1	484.85	482.03	461.22	476.03	2.71	ppb
Cadmium	111-1	522.47	521.08	487.59	510.38	3.87	ppb
Cadmium	106-1	521.96	513.95	487.52	507.81	3.55	ppb
Cadmium	108-1	516.62	519.51	489.27	508.47	3.28	ppb
Calcium	43-1	237909.71	239248.89	225231.33	234129.98	3.30	ppb
Calcium	44-1	237192.00	238175.38	224413.51	233260.30	3.29	ppb
Chromium	52-2	496.83	497.00	490.85	494.89	0.71	ppb
Cobalt	59-2	489.72	491.49	485.06	488.76	0.68	ppb
Copper	63-2	972.39	974.34	961.78	969.50	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	126427.42	126302.47	124496.64	125742.18	0.86	ppb
Iron	57-2	128932.69	129088.36	127297.59	128439.55	0.77	ppb
Krypton	83-1						cps
Lead	206-1	507.73	508.99	483.17	499.96	2.91	ppb
Lead	207-1	502.60	503.56	477.81	494.66	2.95	ppb
Lead	208-1	502.55	501.29	474.78	492.87	3.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	250646.63	251286.11	248868.33	250267.03	0.50	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P7
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:03:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.77	968.67	959.52	965.99	0.58	ppb
Molybdenum	94-1	2471.59	2485.14	2334.02	2430.25	3.44	ppb
Molybdenum	95-1	2482.61	2498.17	2337.97	2439.58	3.62	ppb
Molybdenum	96-1	2469.74	2506.31	2342.45	2439.50	3.53	ppb
Molybdenum	97-1	2460.75	2476.06	2318.23	2418.34	3.60	ppb
Molybdenum	98-1	2479.59	2504.11	2342.92	2442.21	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.94	481.27	476.78	478.00	0.60	ppb
Phosphorus	31-2	9869.07	10057.03	9951.03	9959.04	0.95	ppb
Potassium	39-2	125911.42	126078.66	124499.03	125496.37	0.69	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	524.92	546.91	533.08	534.97	2.08	ppb
Selenium	78-2	528.58	515.03	516.96	520.19	1.41	ppb
Selenium	82-1	509.99	515.60	483.61	503.06	3.40	ppb
Silicon	28-1	527.40	540.03	515.43	527.62	2.33	ppb
Silver	109-1	512.92	513.71	479.48	502.03	3.89	ppb
Silver	107-1	512.33	510.20	480.16	500.90	3.59	ppb
Sodium	23-2	251024.87	251521.78	248328.40	250291.68	0.69	ppb
Strontium	86-1	494.34	499.37	466.61	486.77	3.63	ppb
Strontium	88-1	498.87	503.35	470.32	490.85	3.65	ppb
Sulfur	34-1	10301.42	10314.29	9492.97	10036.23	4.69	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	504.41	506.13	479.99	496.84	2.94	ppb
Thallium	205-1	506.88	509.08	481.04	499.00	3.13	ppb
Thorium	232-1	514.26	518.89	488.15	507.10	3.27	ppb
Tin	118-1	495.67	489.22	461.61	482.17	3.75	ppb
Titanium	47-1	2467.44	2490.02	2352.46	2436.64	3.03	ppb
Uranium	238-1	491.50	496.29	467.80	485.20	3.14	ppb
Vanadium	51-2	499.47	497.83	494.50	497.27	0.51	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P7
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:03:45	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	939.28	950.24	931.93	940.48	0.98	ppb
Zirconium	90-1	499.91	497.41	463.29	486.87	4.20	ppb
Zirconium	91-1	500.19	498.12	470.17	489.49	3.42	ppb

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : CCB062 Instrumnet Name : P7
 Client Sample ID : CCB062 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 18:08:01 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	4.32	3.49	3.82	11.61	ppb
Antimony	121-1	0.49	0.64	0.60	0.58	13.85	ppb
Arsenic	75-2	0.13	0.08	0.08	0.10	29.53	ppb
Barium	135-1	0.44	0.20	0.30	0.31	38.12	ppb
Barium	137-1	0.31	0.29	0.23	0.27	15.69	ppb
Beryllium	9-1	0.13	0.19	0.15	0.16	16.68	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	17.23	14.28	13.27	14.93	13.80	ppb
Boron	11-1	16.32	14.65	13.68	14.88	8.97	ppb
Cadmium	111-1	0.10	0.08	0.05	0.08	33.55	ppb
Cadmium	106-1	-1.39	-0.04	-2.73	-1.38		ppb
Cadmium	108-1	-0.05	0.09	-0.01	0.01	556.89	ppb
Calcium	43-1	37.32	26.84	14.99	26.39	42.34	ppb
Calcium	44-1	33.20	28.16	25.31	28.89	13.82	ppb
Chromium	52-2	0.04	0.02	-0.01	0.02	131.74	ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	21.17	ppb
Copper	63-2	0.10	0.12	0.09	0.10	11.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	10.88	10.97	10.07	10.64	4.66	ppb
Iron	57-2	5.47	10.27	11.85	9.20	36.15	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.08	0.09	19.43	ppb
Lead	207-1	0.09	0.10	0.08	0.09	13.63	ppb
Lead	208-1	0.09	0.09	0.07	0.09	10.84	ppb
Lithium	6-1				104		%
Magnesium	24-2	22.25	20.72	19.95	20.97	5.59	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P7
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:08:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.10	0.08	0.08	22.47	ppb
Molybdenum	94-1	0.89	0.66	0.61	0.72	21.00	ppb
Molybdenum	95-1	0.91	0.84	0.89	0.88	3.92	ppb
Molybdenum	96-1	0.87	0.95	0.84	0.89	6.55	ppb
Molybdenum	97-1	0.86	1.02	0.92	0.93	8.67	ppb
Molybdenum	98-1	0.98	0.89	0.83	0.90	8.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	-0.02	0.04	129.99	ppb
Phosphorus	31-2	-15.93	-31.31	-21.88	-23.04		ppb
Potassium	39-2	19.00	8.90	10.13	12.68	43.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.73	0.00	0.24	173.21	ppb
Selenium	78-2	-0.38	-0.27	0.71	0.02	3631.18	ppb
Selenium	82-1	0.30	-0.27	0.18	0.07	422.46	ppb
Silicon	28-1	0.82	1.46	-0.43	0.61	156.43	ppb
Silver	109-1	0.08	0.12	0.09	0.10	22.21	ppb
Silver	107-1	0.10	0.12	0.10	0.10	11.17	ppb
Sodium	23-2	43.06	43.64	42.62	43.11	1.19	ppb
Strontium	86-1	0.05	0.03	0.01	0.03	49.87	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	8.96	ppb
Sulfur	34-1	-108.27	122.12	-397.68	-127.94		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.13	0.13	0.15	19.78	ppb
Thallium	205-1	0.16	0.15	0.13	0.15	8.40	ppb
Thorium	232-1	0.10	0.10	0.10	0.10	1.92	ppb
Tin	118-1	0.15	0.13	0.16	0.15	9.77	ppb
Titanium	47-1	0.32	0.35	0.24	0.30	18.23	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	5.89	ppb
Vanadium	51-2	0.03	0.04	0.05	0.04	25.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P7
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:08:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	-0.09	0.23	0.09	178.93	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	1.69	ppb
Zirconium	91-1	0.09	0.08	0.03	0.07	53.22	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:30:50	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.10	5.37	6.08	5.52	9.21	ppb
Antimony	121-1	0.23	0.28	0.29	0.27	12.10	ppb
Arsenic	75-2	0.10	0.03	0.14	0.09	60.05	ppb
Barium	135-1	0.18	0.15	0.16	0.16	8.10	ppb
Barium	137-1	0.16	0.15	0.25	0.19	30.39	ppb
Beryllium	9-1	0.05	0.03	0.07	0.05	39.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	1.40	1.23	0.50	1.04	45.47	ppb
Boron	11-1	1.17	0.85	0.82	0.95	20.79	ppb
Cadmium	111-1	0.05	0.01	0.05	0.04	56.26	ppb
Cadmium	106-1	-1.19	-1.10	-3.07	-1.79		ppb
Cadmium	108-1	0.03	0.16	-0.14	0.02	780.95	ppb
Calcium	43-1	6.59	16.13	24.07	15.59	56.12	ppb
Calcium	44-1	14.00	15.24	19.95	16.40	19.14	ppb
Chromium	52-2	0.01	-0.01	0.02	0.01	175.47	ppb
Cobalt	59-2	0.06	0.04	0.05	0.05	19.00	ppb
Copper	63-2	0.07	0.11	0.12	0.10	24.06	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				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	11.14	11.89	12.30	11.78	5.00	ppb
Iron	57-2	10.90	13.47	15.10	13.16	16.06	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.05	0.04	17.27	ppb
Lead	207-1	0.05	0.04	0.05	0.05	9.83	ppb
Lead	208-1	0.03	0.04	0.05	0.04	19.00	ppb
Lithium	6-1				111		%
Magnesium	24-2	23.14	25.93	26.59	25.22	7.26	ppb

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : PB120452BL Instrumnet Name : P7
 Client Sample ID : PBS452 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 18:30:50 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.09	0.13	0.11	19.68	ppb
Molybdenum	94-1	0.19	0.21	0.35	0.25	34.30	ppb
Molybdenum	95-1	0.28	0.26	0.29	0.28	5.18	ppb
Molybdenum	96-1	0.19	0.18	0.28	0.22	26.06	ppb
Molybdenum	97-1	0.17	0.27	0.25	0.23	24.19	ppb
Molybdenum	98-1	0.21	0.25	0.33	0.27	22.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.01	0.07	0.05	63.10	ppb
Phosphorus	31-2	-22.26	-22.46	-33.98	-26.23		ppb
Potassium	39-2	15.80	11.66	15.43	14.30	16.02	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.73	0.73	0.72	0.73	0.45	ppb
Selenium	78-2	0.09	0.58	0.20	0.29	89.25	ppb
Selenium	82-1	0.30	0.06	-0.07	0.10	199.88	ppb
Silicon	28-1	-2.13	-1.59	-1.31	-1.68		ppb
Silver	109-1	0.04	0.05	0.05	0.05	13.35	ppb
Silver	107-1	0.03	0.05	0.06	0.05	41.91	ppb
Sodium	23-2	33.02	31.09	36.72	33.61	8.51	ppb
Strontium	86-1	0.04	0.00	-0.03	0.00	861.50	ppb
Strontium	88-1	0.03	0.03	0.05	0.04	37.43	ppb
Sulfur	34-1	-179.18	-202.76	-106.67	-162.87		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.05	0.04	25.13	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	20.20	ppb
Thorium	232-1	0.03	0.04	0.04	0.04	10.82	ppb
Tin	118-1	0.02	0.04	0.04	0.03	27.42	ppb
Titanium	47-1	0.27	0.10	0.14	0.17	51.38	ppb
Uranium	238-1	0.01	0.02	0.03	0.02	32.46	ppb
Vanadium	51-2	0.06	0.05	0.07	0.06	14.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:30:50	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.08	0.26	0.16	56.87	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	10.83	ppb
Zirconium	91-1	0.01	0.06	0.09	0.06	72.46	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:34:27	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.51	46.52	38.20	42.08	9.95	ppb
Antimony	121-1	3.79	3.81	3.79	3.80	0.23	ppb
Arsenic	75-2	1.88	1.99	1.79	1.89	5.55	ppb
Barium	135-1	19.89	19.44	19.71	19.68	1.14	ppb
Barium	137-1	20.02	20.28	19.53	19.95	1.91	ppb
Beryllium	9-1	2.00	1.87	1.96	1.94	3.57	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	43.71	46.23	48.54	46.16	5.23	ppb
Boron	11-1	45.71	44.79	46.86	45.79	2.27	ppb
Cadmium	111-1	2.01	2.02	1.77	1.93	7.32	ppb
Cadmium	106-1	2.48	2.19	0.82	1.83	48.35	ppb
Cadmium	108-1	2.03	2.46	1.75	2.08	17.07	ppb
Calcium	43-1	945.34	922.01	951.02	939.45	1.64	ppb
Calcium	44-1	947.74	944.88	944.58	945.73	0.18	ppb
Chromium	52-2	3.56	3.90	3.77	3.74	4.62	ppb
Cobalt	59-2	2.02	1.93	1.93	1.96	2.62	ppb
Copper	63-2	3.66	3.67	3.69	3.67	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	433.58	435.75	438.16	435.83	0.53	ppb
Iron	57-2	416.40	438.09	446.12	433.54	3.55	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.91	1.94	1.94	1.53	ppb
Lead	207-1	1.81	1.81	1.84	1.82	1.09	ppb
Lead	208-1	1.83	1.85	1.88	1.85	1.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	1010.37	1008.23	1030.18	1016.26	1.19	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:34:27	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.01	1.76	1.83	1.86	6.81	ppb
Molybdenum	94-1	9.67	9.25	9.46	9.46	2.23	ppb
Molybdenum	95-1	9.94	10.28	9.63	9.95	3.26	ppb
Molybdenum	96-1	9.72	9.59	9.57	9.63	0.84	ppb
Molybdenum	97-1	9.27	10.02	9.75	9.68	3.92	ppb
Molybdenum	98-1	9.82	9.77	9.59	9.73	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.11	1.92	2.00	4.73	ppb
Phosphorus	31-2	89.06	103.99	95.44	96.16	7.79	ppb
Potassium	39-2	944.15	941.60	948.27	944.68	0.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	5.06	8.67	10.09	7.94	32.68	ppb
Selenium	78-2	11.60	10.87	10.84	11.10	3.86	ppb
Selenium	82-1	9.54	10.65	9.93	10.04	5.63	ppb
Silicon	28-1	17.20	16.89	17.06	17.05	0.90	ppb
Silver	109-1	1.99	2.00	1.95	1.98	1.41	ppb
Silver	107-1	1.87	1.91	1.93	1.90	1.45	ppb
Sodium	23-2	965.09	946.28	959.65	957.01	1.01	ppb
Strontium	86-1	1.88	1.81	1.94	1.88	3.28	ppb
Strontium	88-1	1.86	1.80	1.83	1.83	1.69	ppb
Sulfur	34-1	253.99	193.31	48.30	165.20	63.97	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.65	1.83	1.83	1.77	6.13	ppb
Thallium	205-1	1.82	1.88	1.82	1.84	2.01	ppb
Thorium	232-1	1.69	1.69	1.68	1.69	0.53	ppb
Tin	118-1	10.10	10.33	10.26	10.23	1.13	ppb
Titanium	47-1	10.15	9.87	10.35	10.12	2.37	ppb
Uranium	238-1	1.68	1.75	1.70	1.71	2.15	ppb
Vanadium	51-2	9.56	9.94	9.63	9.71	2.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:34:27	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.80	3.79	3.52	3.71	4.25	ppb
Zirconium	90-1	1.82	1.86	1.86	1.85	1.43	ppb
Zirconium	91-1	1.78	1.82	1.79	1.80	0.99	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:39:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.84	15.65	11.56	13.35	15.70	ppb
Antimony	121-1	0.22	0.23	0.20	0.22	7.13	ppb
Arsenic	75-2	0.21	0.20	0.26	0.22	15.05	ppb
Barium	135-1	22.16	22.09	22.08	22.11	0.20	ppb
Barium	137-1	21.24	21.64	21.65	21.51	1.09	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	19.33	ppb
Bismuth	209-1				118		%
Bismuth	209-2				108		%
Boron	10-1	16.51	18.32	16.35	17.06	6.43	ppb
Boron	11-1	16.93	17.52	17.15	17.20	1.74	ppb
Cadmium	111-1	0.34	0.32	0.35	0.34	3.86	ppb
Cadmium	106-1	-1.65	-1.41	-1.97	-1.68		ppb
Cadmium	108-1	0.72	0.49	0.57	0.60	19.73	ppb
Calcium	43-1	24349.11	24327.51	24363.56	24346.73	0.07	ppb
Calcium	44-1	24284.56	24288.25	24436.26	24336.36	0.36	ppb
Chromium	52-2	-0.01	0.04	-0.01	0.01	320.08	ppb
Cobalt	59-2	0.24	0.24	0.20	0.23	9.08	ppb
Copper	63-2	0.81	0.78	0.77	0.79	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	56-2	12.13	11.85	11.87	11.95	1.28	ppb
Iron	57-2	106.91	107.64	115.48	110.01	4.32	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.49	0.52	0.50	3.26	ppb
Lead	207-1	0.52	0.48	0.54	0.51	5.43	ppb
Lead	208-1	0.50	0.51	0.51	0.50	1.04	ppb
Lithium	6-1				117		%
Magnesium	24-2	7667.30	7621.84	7649.38	7646.17	0.30	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:39:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.61	8.99	8.76	8.79	2.21	ppb
Molybdenum	94-1	0.08	0.08	0.09	0.08	2.10	ppb
Molybdenum	95-1	0.09	0.12	0.15	0.12	23.68	ppb
Molybdenum	96-1	0.04	0.10	0.19	0.11	68.86	ppb
Molybdenum	97-1	0.04	0.05	0.08	0.06	39.89	ppb
Molybdenum	98-1	0.11	0.11	0.15	0.12	16.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.90	6.89	6.92	6.90	0.25	ppb
Phosphorus	31-2	-9.83	-6.65	-15.07	-10.52		ppb
Potassium	39-2	1816.83	1826.52	1807.99	1817.11	0.51	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.73	0.24	173.21	ppb
Selenium	78-2	-0.18	-0.53	-0.39	-0.37		ppb
Selenium	82-1	-0.50	0.34	0.65	0.16	366.97	ppb
Silicon	28-1	9670.67	9661.62	9782.39	9704.89	0.69	ppb
Silver	109-1	0.09	0.10	0.13	0.11	18.92	ppb
Silver	107-1	0.10	0.11	0.14	0.12	15.57	ppb
Sodium	23-2	7386.04	7334.85	7398.79	7373.23	0.46	ppb
Strontium	86-1	65.16	65.28	64.46	64.97	0.68	ppb
Strontium	88-1	65.37	65.02	65.31	65.23	0.28	ppb
Sulfur	34-1	26686.94	26986.80	27003.43	26892.39	0.66	ppb
Terbium	159-1				118		%
Terbium	159-2				108		%
Thallium	203-1	0.18	0.14	0.15	0.16	14.62	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	3.84	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	20.50	ppb
Tin	118-1	0.10	0.08	0.10	0.09	10.18	ppb
Titanium	47-1	0.78	1.03	1.00	0.94	14.37	ppb
Uranium	238-1	0.01	0.02	0.03	0.02	49.57	ppb
Vanadium	51-2	0.16	0.10	0.14	0.13	21.02	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:39:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1795.90	1782.91	1797.99	1792.27	0.46	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	39.44	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	75.50	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:42:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.52	8.76	8.22	8.16	7.64	ppb
Antimony	121-1	0.16	0.17	0.21	0.18	15.31	ppb
Arsenic	75-2	0.06	0.14	0.18	0.13	50.25	ppb
Barium	135-1	21.93	21.85	22.16	21.98	0.74	ppb
Barium	137-1	22.31	21.08	21.40	21.60	2.97	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	76.19	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	15.09	15.64	16.11	15.62	3.27	ppb
Boron	11-1	16.34	16.86	17.63	16.94	3.82	ppb
Cadmium	111-1	0.33	0.37	0.32	0.34	6.91	ppb
Cadmium	106-1	-3.11	-2.03	-2.82	-2.66		ppb
Cadmium	108-1	0.72	0.72	0.77	0.74	3.86	ppb
Calcium	43-1	24467.25	24435.18	24500.76	24467.73	0.13	ppb
Calcium	44-1	24425.51	24497.65	24534.23	24485.80	0.23	ppb
Chromium	52-2	-0.06	-0.03	-0.11	-0.07		ppb
Cobalt	59-2	0.23	0.22	0.20	0.21	6.12	ppb
Copper	63-2	0.76	0.79	0.82	0.79	4.00	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				113		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	3.41	3.70	3.35	3.49	5.39	ppb
Iron	57-2	98.34	100.23	94.21	97.59	3.15	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.45	0.41	0.43	4.76	ppb
Lead	207-1	0.42	0.40	0.47	0.43	8.52	ppb
Lead	208-1	0.42	0.42	0.44	0.42	2.37	ppb
Lithium	6-1				108		%
Magnesium	24-2	7631.78	7677.14	7606.75	7638.56	0.47	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:42:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.83	9.40	8.80	9.01	3.73	ppb
Molybdenum	94-1	0.09	0.04	0.03	0.05	61.53	ppb
Molybdenum	95-1	0.07	0.05	0.08	0.06	25.18	ppb
Molybdenum	96-1	0.02	0.06	0.05	0.04	42.26	ppb
Molybdenum	97-1	-0.01	0.04	0.04	0.02	120.94	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	7.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.78	7.16	6.70	6.88	3.54	ppb
Phosphorus	31-2	-29.91	-16.90	8.07	-12.91		ppb
Potassium	39-2	1791.26	1809.40	1788.39	1796.35	0.63	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	1.49	0.00	0.50	173.21	ppb
Selenium	78-2	0.61	-0.36	-0.85	-0.20		ppb
Selenium	82-1	0.39	0.51	0.18	0.36	47.32	ppb
Silicon	28-1	9620.72	9674.89	9651.56	9649.06	0.28	ppb
Silver	109-1	0.10	0.11	0.14	0.12	16.41	ppb
Silver	107-1	0.10	0.13	0.13	0.12	13.73	ppb
Sodium	23-2	7347.53	7361.93	7329.20	7346.22	0.22	ppb
Strontium	86-1	65.61	64.84	65.90	65.45	0.84	ppb
Strontium	88-1	66.06	65.34	65.22	65.54	0.70	ppb
Sulfur	34-1	26805.67	26874.46	27113.99	26931.37	0.60	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.06	0.06	0.06	15.17	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	20.26	ppb
Thorium	232-1	0.01	0.01	0.00	0.00	37.03	ppb
Tin	118-1	0.07	0.06	0.08	0.07	14.19	ppb
Titanium	47-1	1.03	1.00	0.82	0.95	12.35	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.43	ppb
Vanadium	51-2	0.12	0.10	0.12	0.12	8.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:42:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1800.74	1813.05	1799.89	1804.56	0.41	ppb
Zirconium	90-1	0.03	0.00	0.01	0.01	78.49	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-09 18:46:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.64	0.95	1.62	1.73	49.13	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	34.29	ppb
Arsenic	75-2	0.07	0.07	0.08	0.07	10.90	ppb
Barium	135-1	4.61	4.40	4.48	4.50	2.33	ppb
Barium	137-1	4.26	4.16	4.05	4.16	2.62	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	32.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	5.14	5.43	4.46	5.01	9.92	ppb
Boron	11-1	5.13	4.62	4.68	4.81	5.77	ppb
Cadmium	111-1	0.04	0.04	0.06	0.05	24.10	ppb
Cadmium	106-1	-3.91	-2.92	-3.82	-3.55		ppb
Cadmium	108-1	0.18	0.18	0.14	0.17	15.44	ppb
Calcium	43-1	4762.21	4827.79	4808.82	4799.61	0.70	ppb
Calcium	44-1	4771.53	4821.29	4837.46	4810.09	0.71	ppb
Chromium	52-2	0.00	0.05	0.00	0.01	206.84	ppb
Cobalt	59-2	0.05	0.03	0.04	0.04	33.81	ppb
Copper	63-2	0.38	0.28	0.37	0.34	15.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	1.78	1.49	0.93	1.40	30.73	ppb
Iron	57-2	23.44	24.68	19.86	22.66	11.04	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.10	0.10	7.78	ppb
Lead	207-1	0.12	0.12	0.09	0.11	16.52	ppb
Lead	208-1	0.10	0.10	0.10	0.10	4.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	1486.26	1490.80	1494.85	1490.64	0.29	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-09 18:46:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.67	1.83	1.75	1.75	4.63	ppb
Molybdenum	94-1	0.07	0.07	0.00	0.05	83.33	ppb
Molybdenum	95-1	0.00	0.04	0.04	0.03	91.29	ppb
Molybdenum	96-1	0.04	-0.01	0.05	0.03	113.82	ppb
Molybdenum	97-1	-0.02	0.00	0.03	0.00	762.12	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	32.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.21	1.30	1.32	9.34	ppb
Phosphorus	31-2	-27.49	-27.11	-17.12	-23.91		ppb
Potassium	39-2	355.98	362.72	345.77	354.82	2.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	0.04	0.03	-0.10		ppb
Selenium	82-1	0.36	0.07	0.13	0.19	81.79	ppb
Silicon	28-1	1857.58	1865.37	1880.00	1867.65	0.61	ppb
Silver	109-1	0.04	0.02	0.03	0.03	36.61	ppb
Silver	107-1	0.04	0.03	0.04	0.04	9.72	ppb
Sodium	23-2	1447.81	1439.35	1455.79	1447.65	0.57	ppb
Strontium	86-1	12.79	12.99	12.37	12.72	2.46	ppb
Strontium	88-1	13.09	12.92	13.10	13.04	0.80	ppb
Sulfur	34-1	4392.16	4421.57	4503.16	4438.96	1.30	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.00	0.02	0.02	62.10	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	23.22	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	39.85	ppb
Tin	118-1	0.01	0.01	0.04	0.02	79.40	ppb
Titanium	47-1	0.12	0.22	0.30	0.22	42.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.83	ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	10.85	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-09 18:46:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	331.36	330.06	331.43	330.95	0.23	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	103.05	ppb
Zirconium	91-1	-0.02	-0.02	0.00	-0.01		ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:50:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1940.34	1982.86	1941.30	1954.83	1.24	ppb
Antimony	121-1	105.19	104.75	104.34	104.76	0.41	ppb
Arsenic	75-2	42.83	43.42	44.78	43.68	2.29	ppb
Barium	135-1	2062.42	2047.36	2051.59	2053.79	0.38	ppb
Barium	137-1	2064.65	2076.94	2068.03	2069.87	0.31	ppb
Beryllium	9-1	51.70	51.30	52.41	51.80	1.09	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	15.40	13.86	13.76	14.34	6.42	ppb
Boron	11-1	15.36	15.16	15.94	15.49	2.62	ppb
Cadmium	111-1	52.36	53.46	53.05	52.96	1.05	ppb
Cadmium	106-1	35.11	39.36	39.35	37.94	6.46	ppb
Cadmium	108-1	45.11	43.06	41.82	43.33	3.84	ppb
Calcium	43-1	24920.86	24855.14	24822.81	24866.27	0.20	ppb
Calcium	44-1	24891.36	24830.99	24942.17	24888.17	0.22	ppb
Chromium	52-2	209.32	211.56	207.67	209.52	0.93	ppb
Cobalt	59-2	534.37	538.78	536.02	536.39	0.42	ppb
Copper	63-2	261.08	263.82	264.53	263.14	0.69	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				114		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	1140.64	1153.85	1143.08	1145.86	0.61	ppb
Iron	57-2	1227.64	1264.77	1230.20	1240.87	1.67	ppb
Krypton	83-1						cps
Lead	206-1	20.80	20.71	20.72	20.74	0.23	ppb
Lead	207-1	20.78	20.50	20.35	20.54	1.06	ppb
Lead	208-1	20.62	20.53	20.44	20.53	0.45	ppb
Lithium	6-1				106		%
Magnesium	24-2	7736.11	7741.19	7697.59	7724.96	0.31	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:50:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	524.26	529.75	523.59	525.87	0.64	ppb
Molybdenum	94-1	0.09	0.04	0.11	0.08	43.47	ppb
Molybdenum	95-1	0.10	0.06	0.06	0.07	31.30	ppb
Molybdenum	96-1	0.03	0.04	0.06	0.04	32.65	ppb
Molybdenum	97-1	0.00	0.06	0.06	0.04	82.17	ppb
Molybdenum	98-1	0.06	0.03	0.07	0.06	35.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.26	552.42	551.12	552.27	0.20	ppb
Phosphorus	31-2	-25.27	-38.24	-15.07	-26.19		ppb
Potassium	39-2	1824.89	1830.48	1823.83	1826.40	0.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	145.85	150.14	130.25	142.08	7.37	ppb
Selenium	78-2	151.51	154.05	158.40	154.65	2.25	ppb
Selenium	82-1	145.36	146.50	148.46	146.77	1.07	ppb
Silicon	28-1	9732.54	9693.58	9785.95	9737.36	0.48	ppb
Silver	109-1	51.02	50.90	49.81	50.58	1.32	ppb
Silver	107-1	50.70	50.21	50.33	50.41	0.51	ppb
Sodium	23-2	7451.24	7512.32	7439.86	7467.80	0.52	ppb
Strontium	86-1	66.47	66.25	66.16	66.29	0.24	ppb
Strontium	88-1	66.77	66.36	66.81	66.64	0.37	ppb
Sulfur	34-1	26900.63	26768.08	27028.41	26899.04	0.48	ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	50.11	50.21	50.35	50.22	0.24	ppb
Thallium	205-1	50.22	49.75	50.29	50.09	0.58	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	62.09	ppb
Tin	118-1	0.09	0.09	0.08	0.08	5.73	ppb
Titanium	47-1	1.01	0.82	1.03	0.95	12.04	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.01	ppb
Vanadium	51-2	510.17	512.86	509.41	510.81	0.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:50:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2388.86	2405.50	2398.67	2397.68	0.35	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	28.47	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	51.68	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-04	Instrumnet Name :	P7
Client Sample ID :	MJLJ75	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:53:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.54	10.45	10.19	10.73	6.66	ppb
Antimony	121-1	0.69	0.71	0.68	0.69	1.57	ppb
Arsenic	75-2	8.72	7.87	7.94	8.18	5.79	ppb
Barium	135-1	83.28	82.48	83.97	83.25	0.90	ppb
Barium	137-1	83.76	83.91	82.66	83.44	0.82	ppb
Beryllium	9-1	0.02	0.01	0.04	0.02	55.97	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	16.55	18.51	18.47	17.84	6.29	ppb
Boron	11-1	17.68	18.33	17.65	17.89	2.16	ppb
Cadmium	111-1	0.22	0.29	0.31	0.27	16.08	ppb
Cadmium	106-1	-2.03	-2.83	-1.74	-2.20		ppb
Cadmium	108-1	0.23	0.45	0.49	0.39	35.97	ppb
Calcium	43-1	25637.78	25864.02	25833.59	25778.46	0.48	ppb
Calcium	44-1	25602.91	25962.71	25783.45	25783.02	0.70	ppb
Chromium	52-2	-0.07	-0.06	-0.04	-0.06		ppb
Cobalt	59-2	3.09	3.05	3.11	3.08	1.01	ppb
Copper	63-2	0.84	0.77	0.80	0.80	4.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	9355.91	9182.52	9180.75	9239.73	1.09	ppb
Iron	57-2	9399.07	9350.26	9325.53	9358.29	0.40	ppb
Krypton	83-1						cps
Lead	206-1	29.84	29.40	29.95	29.73	0.98	ppb
Lead	207-1	30.46	30.55	30.68	30.56	0.37	ppb
Lead	208-1	30.08	29.96	29.90	29.98	0.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	8861.21	8796.06	8673.03	8776.77	1.09	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-04	Instrumnet Name :	P7
Client Sample ID :	MJLJ75	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:53:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2171.16	2147.00	2138.70	2152.29	0.78	ppb
Molybdenum	94-1	0.23	0.24	0.30	0.26	14.29	ppb
Molybdenum	95-1	0.21	0.26	0.20	0.23	13.32	ppb
Molybdenum	96-1	0.22	0.23	0.23	0.23	2.92	ppb
Molybdenum	97-1	0.17	0.22	0.16	0.18	16.62	ppb
Molybdenum	98-1	0.20	0.27	0.25	0.24	13.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.76	3.80	3.82	3.79	0.78	ppb
Phosphorus	31-2	24.03	37.39	58.66	40.03	43.63	ppb
Potassium	39-2	2265.29	2276.00	2251.39	2264.23	0.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.80	0.27	173.21	ppb
Selenium	78-2	-0.51	0.55	-0.52	-0.16		ppb
Selenium	82-1	0.60	-0.32	-0.06	0.08	623.73	ppb
Silicon	28-1	7377.58	7452.50	7405.41	7411.83	0.51	ppb
Silver	109-1	0.12	0.09	0.13	0.11	17.17	ppb
Silver	107-1	0.08	0.13	0.08	0.10	27.11	ppb
Sodium	23-2	5286.95	5370.02	5271.32	5309.43	1.00	ppb
Strontium	86-1	80.34	80.75	79.83	80.31	0.57	ppb
Strontium	88-1	80.89	81.50	80.82	81.07	0.46	ppb
Sulfur	34-1	17547.97	17775.98	17728.34	17684.10	0.68	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.00	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	23.87	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.24	ppb
Tin	118-1	0.05	0.04	0.05	0.05	10.73	ppb
Titanium	47-1	1.20	1.17	1.28	1.22	4.89	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	58.85	ppb
Vanadium	51-2	0.17	0.13	0.15	0.15	12.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-04	Instrumnet Name :	P7
Client Sample ID :	MJLJ75	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:53:45	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1243.69	1246.55	1238.28	1242.84	0.34	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	10.35	ppb
Zirconium	91-1	0.07	0.05	0.09	0.07	27.45	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-05	Instrumnet Name :	P7
Client Sample ID :	MJLJ76	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:57:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.99	8.91	6.53	6.81	29.04	ppb
Antimony	121-1	0.25	0.27	0.31	0.27	11.05	ppb
Arsenic	75-2	0.20	0.12	0.20	0.17	24.25	ppb
Barium	135-1	35.51	35.40	35.69	35.53	0.41	ppb
Barium	137-1	35.59	33.99	35.19	34.92	2.38	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	54.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	19.52	20.72	19.74	19.99	3.19	ppb
Boron	11-1	20.70	20.59	20.70	20.66	0.30	ppb
Cadmium	111-1	7.60	7.60	7.74	7.65	1.09	ppb
Cadmium	106-1	3.31	2.17	2.58	2.69	21.48	ppb
Cadmium	108-1	7.04	6.55	6.55	6.71	4.16	ppb
Calcium	43-1	22516.70	22329.46	22500.25	22448.81	0.46	ppb
Calcium	44-1	22424.25	22306.19	22708.04	22479.49	0.92	ppb
Chromium	52-2	-0.09	-0.10	-0.08	-0.09		ppb
Cobalt	59-2	0.08	0.07	0.06	0.07	13.76	ppb
Copper	63-2	1.15	1.06	1.24	1.15	7.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	5.28	2.92	2.95	3.72	36.48	ppb
Iron	57-2	98.64	87.83	85.62	90.70	7.68	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.09	0.11	15.52	ppb
Lead	207-1	0.12	0.11	0.11	0.11	4.45	ppb
Lead	208-1	0.11	0.10	0.10	0.10	2.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	7625.61	7407.79	7642.75	7558.72	1.73	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-05	Instrumnet Name :	P7
Client Sample ID :	MJLJ76	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:57:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.62	8.01	8.59	8.41	4.09	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	16.31	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	24.98	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	13.05	ppb
Molybdenum	97-1	0.02	0.06	0.02	0.03	65.13	ppb
Molybdenum	98-1	0.06	0.04	0.01	0.04	67.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.34	4.25	4.25	4.28	1.18	ppb
Phosphorus	31-2	-13.24	-14.37	-19.49	-15.70		ppb
Potassium	39-2	1941.37	1872.39	1920.66	1911.47	1.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.77	0.00	0.26	173.21	ppb
Selenium	78-2	0.14	-0.69	0.16	-0.13		ppb
Selenium	82-1	0.26	0.20	0.09	0.18	47.60	ppb
Silicon	28-1	7084.98	7077.22	7180.44	7114.21	0.81	ppb
Silver	109-1	0.06	0.06	0.09	0.07	18.81	ppb
Silver	107-1	0.04	0.07	0.06	0.06	23.80	ppb
Sodium	23-2	4063.42	3929.03	4112.43	4034.96	2.35	ppb
Strontium	86-1	69.54	70.53	71.47	70.51	1.37	ppb
Strontium	88-1	70.95	71.35	71.82	71.38	0.61	ppb
Sulfur	34-1	16939.50	17053.48	17175.02	17056.00	0.69	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	36.34	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	20.98	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	108.17	ppb
Tin	118-1	0.07	0.04	0.04	0.05	30.70	ppb
Titanium	47-1	0.70	0.89	0.67	0.75	16.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	33.66	ppb
Vanadium	51-2	0.12	0.13	0.10	0.12	13.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-05	Instrumnet Name :	P7
Client Sample ID :	MJLJ76	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:57:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1967.03	1914.52	1979.08	1953.54	1.76	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	60.36	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	132.35	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-06	Instrumnet Name :	P7
Client Sample ID :	MJLJ77	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:00:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.46	11.27	9.54	10.09	10.18	ppb
Antimony	121-1	0.29	0.30	0.36	0.32	12.64	ppb
Arsenic	75-2	0.39	0.38	0.41	0.40	3.69	ppb
Barium	135-1	36.82	36.63	36.18	36.54	0.90	ppb
Barium	137-1	36.01	36.46	36.60	36.36	0.86	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	35.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	17.77	20.64	22.67	20.36	12.09	ppb
Boron	11-1	20.12	22.08	21.05	21.09	4.66	ppb
Cadmium	111-1	7.98	7.95	8.14	8.02	1.24	ppb
Cadmium	106-1	3.05	2.89	1.90	2.61	23.94	ppb
Cadmium	108-1	6.58	7.24	7.36	7.06	5.97	ppb
Calcium	43-1	48748.81	49123.44	48912.58	48928.28	0.38	ppb
Calcium	44-1	48813.21	48909.44	49046.06	48922.90	0.24	ppb
Chromium	52-2	-0.10	-0.14	-0.11	-0.12		ppb
Cobalt	59-2	0.47	0.51	0.48	0.49	4.37	ppb
Copper	63-2	1.40	1.41	1.49	1.44	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	13.33	13.63	14.03	13.66	2.60	ppb
Iron	57-2	204.87	207.84	207.48	206.73	0.78	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.35	0.33	0.34	3.29	ppb
Lead	207-1	0.38	0.34	0.37	0.36	5.52	ppb
Lead	208-1	0.34	0.34	0.35	0.35	2.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	15547.74	15820.44	15545.77	15637.98	1.01	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-06	Instrumnet Name :	P7
Client Sample ID :	MJLJ77	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:00:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	659.22	667.86	661.24	662.77	0.68	ppb
Molybdenum	94-1	0.07	0.11	0.08	0.09	22.06	ppb
Molybdenum	95-1	0.07	0.11	0.09	0.09	20.07	ppb
Molybdenum	96-1	0.10	0.09	0.11	0.10	8.85	ppb
Molybdenum	97-1	0.11	0.08	0.07	0.09	22.57	ppb
Molybdenum	98-1	0.08	0.10	0.08	0.09	14.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.03	3.53	3.11	3.22	8.28	ppb
Phosphorus	31-2	-30.69	1.23	-30.49	-19.98		ppb
Potassium	39-2	3656.37	3694.87	3677.94	3676.39	0.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.80	0.27	173.21	ppb
Selenium	78-2	0.00	-0.12	-0.91	-0.34		ppb
Selenium	82-1	0.19	0.15	0.21	0.18	16.96	ppb
Silicon	28-1	5229.41	5247.25	5254.70	5243.79	0.25	ppb
Silver	109-1	0.05	0.07	0.06	0.06	16.51	ppb
Silver	107-1	0.06	0.07	0.07	0.06	10.40	ppb
Sodium	23-2	15464.38	15674.97	15530.00	15556.45	0.69	ppb
Strontium	86-1	121.68	123.02	121.77	122.16	0.62	ppb
Strontium	88-1	123.04	123.21	122.52	122.93	0.29	ppb
Sulfur	34-1	42468.30	42869.46	42719.72	42685.83	0.47	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	243.75	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	95.79	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	77.34	ppb
Tin	118-1	0.05	0.06	0.05	0.05	11.70	ppb
Titanium	47-1	0.55	0.63	0.57	0.58	7.20	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	7.27	ppb
Vanadium	51-2	0.08	0.06	0.12	0.09	33.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-06	Instrumnet Name :	P7
Client Sample ID :	MJLJ77	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:00:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1721.48	1750.83	1736.36	1736.22	0.85	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	39.99	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	1029.92	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:04:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.19	3.89	4.52	5.87	49.35	ppb
Antimony	121-1	0.21	0.23	0.20	0.21	7.31	ppb
Arsenic	75-2	3.72	3.76	3.57	3.69	2.74	ppb
Barium	135-1	66.66	65.69	67.05	66.47	1.05	ppb
Barium	137-1	68.00	65.87	66.34	66.74	1.68	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	35.40	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	15.75	14.58	15.71	15.35	4.34	ppb
Boron	11-1	16.17	16.02	16.70	16.30	2.22	ppb
Cadmium	111-1	-0.02	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-2.68	-3.78	-1.99	-2.82		ppb
Cadmium	108-1	0.29	0.38	0.55	0.41	31.83	ppb
Calcium	43-1	30308.08	30366.61	29950.09	30208.26	0.75	ppb
Calcium	44-1	30270.53	30316.46	30042.74	30209.91	0.49	ppb
Chromium	52-2	-0.07	-0.08	-0.08	-0.08		ppb
Cobalt	59-2	5.37	5.10	4.97	5.15	3.90	ppb
Copper	63-2	0.71	0.67	0.63	0.67	6.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	3540.35	3386.83	3340.78	3422.65	3.05	ppb
Iron	57-2	3711.45	3541.99	3503.28	3585.58	3.09	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.13	0.13	4.47	ppb
Lead	207-1	0.15	0.14	0.16	0.15	6.73	ppb
Lead	208-1	0.15	0.14	0.15	0.15	2.93	ppb
Lithium	6-1				94		%
Magnesium	24-2	13294.81	12759.47	12543.47	12865.91	3.01	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:04:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2075.44	1995.05	1951.61	2007.37	3.13	ppb
Molybdenum	94-1	0.38	0.24	0.21	0.28	32.92	ppb
Molybdenum	95-1	0.26	0.28	0.29	0.27	6.05	ppb
Molybdenum	96-1	0.22	0.23	0.17	0.21	15.04	ppb
Molybdenum	97-1	0.22	0.22	0.19	0.21	9.31	ppb
Molybdenum	98-1	0.19	0.23	0.24	0.22	12.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.14	8.10	7.53	7.92	4.27	ppb
Phosphorus	31-2	0.76	26.58	42.83	23.39	90.71	ppb
Potassium	39-2	2187.40	2085.18	2037.06	2103.21	3.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	0.43	-0.53	-0.05		ppb
Selenium	82-1	0.04	0.53	0.21	0.26	94.80	ppb
Silicon	28-1	8114.79	8078.34	8062.43	8085.19	0.33	ppb
Silver	109-1	0.05	0.06	0.05	0.05	8.10	ppb
Silver	107-1	0.03	0.05	0.06	0.05	28.76	ppb
Sodium	23-2	5306.75	5068.44	4973.56	5116.25	3.36	ppb
Strontium	86-1	92.67	90.31	89.10	90.69	2.00	ppb
Strontium	88-1	92.38	91.16	91.00	91.51	0.83	ppb
Sulfur	34-1	27099.39	27042.94	26685.65	26942.66	0.83	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	-0.01	0.00		ppb
Thorium	232-1	0.01	0.01	0.00	0.01	30.83	ppb
Tin	118-1	0.05	0.04	0.05	0.05	9.67	ppb
Titanium	47-1	0.91	0.93	0.82	0.89	6.84	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	71.59	ppb
Vanadium	51-2	0.12	0.13	0.14	0.13	10.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:04:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2650.63	2542.33	2482.56	2558.51	3.33	ppb
Zirconium	90-1	0.03	0.07	0.07	0.06	34.94	ppb
Zirconium	91-1	0.07	0.00	0.03	0.03	99.44	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:08:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.01	4.70	5.07	4.93	3.98	ppb
Antimony	121-1	0.31	0.31	0.35	0.32	6.17	ppb
Arsenic	75-2	12.02	12.39	11.11	11.84	5.57	ppb
Barium	135-1	36.23	36.83	35.92	36.33	1.28	ppb
Barium	137-1	37.21	37.05	37.17	37.14	0.22	ppb
Beryllium	9-1	0.04	0.01	0.03	0.03	43.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	12.10	12.07	14.19	12.79	9.51	ppb
Boron	11-1	12.11	11.87	12.25	12.08	1.62	ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-1.30	0.09	-1.94	-1.05		ppb
Cadmium	108-1	1.90	2.07	1.70	1.89	9.82	ppb
Calcium	43-1	51703.05	51787.73	52124.94	51871.90	0.43	ppb
Calcium	44-1	51846.09	51792.75	52178.14	51938.99	0.40	ppb
Chromium	52-2	-0.06	-0.09	-0.10	-0.08		ppb
Cobalt	59-2	8.59	8.86	8.95	8.80	2.11	ppb
Copper	63-2	0.53	0.64	0.65	0.61	11.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	8346.12	8355.60	8305.35	8335.69	0.32	ppb
Iron	57-2	8507.35	8715.37	8528.65	8583.79	1.33	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.21	0.23	5.74	ppb
Lead	207-1	0.22	0.23	0.23	0.23	1.98	ppb
Lead	208-1	0.22	0.22	0.22	0.22	1.96	ppb
Lithium	6-1				91		%
Magnesium	24-2	18693.58	18744.57	18713.45	18717.20	0.14	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:08:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3089.86	3098.28	3080.22	3089.46	0.29	ppb
Molybdenum	94-1	0.25	0.23	0.19	0.22	13.29	ppb
Molybdenum	95-1	0.33	0.27	0.26	0.28	13.36	ppb
Molybdenum	96-1	0.25	0.24	0.30	0.26	11.48	ppb
Molybdenum	97-1	0.31	0.17	0.27	0.25	29.53	ppb
Molybdenum	98-1	0.25	0.25	0.26	0.25	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.53	9.40	10.19	9.70	4.36	ppb
Phosphorus	31-2	2.23	9.93	24.29	12.15	92.14	ppb
Potassium	39-2	2727.30	2719.78	2689.17	2712.08	0.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	0.81	0.00	0.82	0.54	86.60	ppb
Selenium	78-2	0.05	0.87	-0.49	0.15	471.09	ppb
Selenium	82-1	0.07	0.33	-0.35	0.02	2007.60	ppb
Silicon	28-1	6679.35	6686.53	6719.66	6695.18	0.32	ppb
Silver	109-1	0.04	0.05	0.04	0.05	13.68	ppb
Silver	107-1	0.04	0.04	0.06	0.05	23.26	ppb
Sodium	23-2	17229.47	17304.02	17248.02	17260.50	0.22	ppb
Strontium	86-1	137.03	134.60	136.25	135.96	0.91	ppb
Strontium	88-1	137.45	136.26	136.74	136.82	0.44	ppb
Sulfur	34-1	61353.16	60996.51	61863.96	61404.54	0.71	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.00	86.61	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	22.87	ppb
Tin	118-1	0.04	0.02	0.03	0.03	35.10	ppb
Titanium	47-1	0.59	0.95	0.69	0.75	25.07	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	55.43	ppb
Vanadium	51-2	0.11	0.09	0.10	0.10	8.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:08:09	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9781.92	9860.62	9881.39	9841.31	0.53	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	23.59	ppb
Zirconium	91-1	0.04	0.03	0.00	0.02	99.90	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:11:45	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	2.71	2.49	1.97	55.80	ppb
Antimony	121-1	0.52	0.53	0.60	0.55	7.68	ppb
Arsenic	75-2	20.95	20.88	20.13	20.65	2.20	ppb
Barium	135-1	46.89	46.10	45.75	46.25	1.26	ppb
Barium	137-1	45.56	45.62	46.71	45.96	1.40	ppb
Beryllium	9-1	0.02	-0.03	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	15.94	14.47	16.15	15.52	5.89	ppb
Boron	11-1	14.48	15.09	15.55	15.04	3.55	ppb
Cadmium	111-1	0.08	0.07	0.01	0.06	72.01	ppb
Cadmium	106-1	1.34	0.08	0.25	0.56	122.55	ppb
Cadmium	108-1	2.90	2.01	2.47	2.46	18.06	ppb
Calcium	43-1	31235.25	30825.54	30912.44	30991.08	0.70	ppb
Calcium	44-1	30946.10	31122.85	31478.18	31182.38	0.87	ppb
Chromium	52-2	-0.03	-0.07	-0.09	-0.06		ppb
Cobalt	59-2	10.97	10.91	10.87	10.92	0.50	ppb
Copper	63-2	0.58	0.48	0.51	0.52	9.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	27048.55	26992.55	26298.86	26779.99	1.56	ppb
Iron	57-2	26972.74	26878.25	26424.09	26758.36	1.10	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.18	0.18	2.67	ppb
Lead	207-1	0.21	0.16	0.15	0.17	19.75	ppb
Lead	208-1	0.19	0.17	0.15	0.17	9.75	ppb
Lithium	6-1				91		%
Magnesium	24-2	26705.77	26514.85	25870.40	26363.67	1.66	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:11:45	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8662.69	8630.24	8393.04	8561.99	1.72	ppb
Molybdenum	94-1	0.89	0.90	0.90	0.89	0.65	ppb
Molybdenum	95-1	1.12	0.98	1.10	1.07	7.15	ppb
Molybdenum	96-1	1.08	1.10	1.14	1.10	2.81	ppb
Molybdenum	97-1	1.02	0.92	0.91	0.95	6.25	ppb
Molybdenum	98-1	0.85	0.99	0.88	0.90	7.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.20	6.99	7.23	7.14	1.88	ppb
Phosphorus	31-2	13.63	20.83	2.36	12.28	75.85	ppb
Potassium	39-2	2243.79	2240.89	2198.43	2227.70	1.14	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.22	-0.91	-0.46		ppb
Selenium	82-1	0.14	0.04	0.33	0.17	85.83	ppb
Silicon	28-1	9810.28	9821.16	9915.14	9848.86	0.59	ppb
Silver	109-1	0.03	0.03	0.04	0.03	18.13	ppb
Silver	107-1	0.04	0.04	0.05	0.04	6.32	ppb
Sodium	23-2	5555.46	5570.39	5397.65	5507.83	1.74	ppb
Strontium	86-1	167.09	164.24	162.95	164.76	1.28	ppb
Strontium	88-1	166.16	165.46	164.81	165.48	0.41	ppb
Sulfur	34-1	26155.66	26117.57	26400.01	26224.41	0.58	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.01	37.46	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	15.93	ppb
Thorium	232-1	0.01	0.01	0.00	0.00	64.57	ppb
Tin	118-1	0.02	0.02	0.03	0.02	28.58	ppb
Titanium	47-1	0.99	0.95	1.21	1.05	13.46	ppb
Uranium	238-1	0.05	0.06	0.04	0.05	23.56	ppb
Vanadium	51-2	0.12	0.12	0.16	0.13	14.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:11:45	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12465.36	12430.20	12188.22	12361.26	1.22	ppb
Zirconium	90-1	0.15	0.16	0.15	0.15	5.22	ppb
Zirconium	91-1	0.11	0.15	0.16	0.14	18.39	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-10	Instrumnet Name :	P7
Client Sample ID :	MJLJ81	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:15:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.60	2.48	1.64	2.57	38.18	ppb
Antimony	121-1	0.21	0.20	0.22	0.21	3.91	ppb
Arsenic	75-2	12.82	12.73	12.65	12.73	0.67	ppb
Barium	135-1	52.83	54.12	53.34	53.43	1.22	ppb
Barium	137-1	54.01	53.22	53.46	53.56	0.76	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	29.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	12.21	10.66	11.82	11.56	6.97	ppb
Boron	11-1	11.04	11.51	11.61	11.39	2.67	ppb
Cadmium	111-1	-0.03	0.01	-0.01	-0.01		ppb
Cadmium	106-1	-3.59	-2.62	-5.06	-3.76		ppb
Cadmium	108-1	-0.06	-0.14	-0.05	-0.08		ppb
Calcium	43-1	49137.13	50225.52	49741.39	49701.35	1.10	ppb
Calcium	44-1	49299.63	50330.38	49852.47	49827.49	1.04	ppb
Chromium	52-2	-0.03	-0.01	-0.04	-0.03		ppb
Cobalt	59-2	3.83	3.69	3.92	3.81	3.10	ppb
Copper	63-2	0.91	0.82	0.78	0.84	8.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	24585.51	24039.71	24318.63	24314.62	1.12	ppb
Iron	57-2	24607.62	24374.37	24442.44	24474.81	0.49	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.17	0.22	0.19	12.78	ppb
Lead	207-1	0.16	0.18	0.16	0.17	4.62	ppb
Lead	208-1	0.17	0.17	0.18	0.17	3.59	ppb
Lithium	6-1				92		%
Magnesium	24-2	16446.31	16165.07	16493.78	16368.39	1.09	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-10	Instrumnet Name :	P7
Client Sample ID :	MJLJ81	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:15:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1519.47	1492.23	1509.61	1507.10	0.91	ppb
Molybdenum	94-1	0.65	0.63	0.68	0.65	3.22	ppb
Molybdenum	95-1	0.79	0.81	0.80	0.80	1.25	ppb
Molybdenum	96-1	0.90	0.86	0.70	0.82	12.79	ppb
Molybdenum	97-1	0.72	0.73	0.72	0.72	0.79	ppb
Molybdenum	98-1	0.74	0.77	0.75	0.75	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.52	0.82	0.69	21.79	ppb
Phosphorus	31-2	131.07	158.03	143.93	144.34	9.34	ppb
Potassium	39-2	2768.37	2694.27	2726.48	2729.71	1.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	-0.65	-0.36	-0.37		ppb
Selenium	82-1	-0.26	0.28	0.57	0.20	214.95	ppb
Silicon	28-1	10342.82	10607.76	10499.44	10483.34	1.27	ppb
Silver	109-1	0.02	0.05	0.03	0.03	39.38	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.27	ppb
Sodium	23-2	8023.25	7897.64	7958.00	7959.63	0.79	ppb
Strontium	86-1	116.87	118.58	117.36	117.60	0.75	ppb
Strontium	88-1	118.55	119.23	118.02	118.60	0.51	ppb
Sulfur	34-1	36761.33	38288.84	37633.78	37561.32	2.04	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.01	0.00	16.79	ppb
Tin	118-1	0.04	0.02	0.03	0.03	30.22	ppb
Titanium	47-1	1.37	1.21	1.22	1.27	7.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.19	ppb
Vanadium	51-2	0.18	0.18	0.17	0.17	2.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-10	Instrumnet Name :	P7
Client Sample ID :	MJLJ81	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:15:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	72.75	69.74	71.24	71.24	2.11	ppb
Zirconium	90-1	0.11	0.11	0.10	0.11	5.14	ppb
Zirconium	91-1	0.14	0.11	0.11	0.12	16.50	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BL	Instrumnet Name :	P7
Client Sample ID :	PBW435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:18:58	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.63	32.99	35.73	35.45	6.58	ppb
Antimony	121-1	3.41	3.49	3.49	3.46	1.44	ppb
Arsenic	75-2	1.53	1.60	2.14	1.76	19.06	ppb
Barium	135-1	18.34	17.92	17.93	18.06	1.32	ppb
Barium	137-1	18.25	18.17	18.01	18.14	0.68	ppb
Beryllium	9-1	1.95	1.80	1.83	1.86	4.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	44.53	41.12	42.08	42.58	4.13	ppb
Boron	11-1	42.20	44.63	43.85	43.56	2.85	ppb
Cadmium	111-1	0.37	0.41	0.33	0.37	11.27	ppb
Cadmium	106-1	-1.07	-1.46	-0.68	-1.07		ppb
Cadmium	108-1	0.68	0.38	0.73	0.60	31.07	ppb
Calcium	43-1	899.32	888.33	920.58	902.74	1.82	ppb
Calcium	44-1	902.22	898.55	901.61	900.80	0.22	ppb
Chromium	52-2	3.52	3.87	3.73	3.71	4.73	ppb
Cobalt	59-2	1.94	1.95	1.86	1.92	2.62	ppb
Copper	63-2	3.95	3.79	3.83	3.86	2.19	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				97		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	443.03	442.87	437.44	441.11	0.72	ppb
Iron	57-2	434.21	434.49	420.54	429.75	1.86	ppb
Krypton	83-1						cps
Lead	206-1	1.88	1.80	1.93	1.87	3.31	ppb
Lead	207-1	1.77	1.73	1.68	1.73	2.38	ppb
Lead	208-1	1.80	1.78	1.78	1.79	0.75	ppb
Lithium	6-1				83		%
Magnesium	24-2	953.67	946.71	979.59	959.99	1.80	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BL	Instrumnet Name :	P7
Client Sample ID :	PBW435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:18:58	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.09	2.13	2.12	2.11	1.03	ppb
Molybdenum	94-1	8.86	8.61	8.78	8.75	1.42	ppb
Molybdenum	95-1	9.03	8.99	9.14	9.06	0.88	ppb
Molybdenum	96-1	9.12	9.09	9.17	9.12	0.44	ppb
Molybdenum	97-1	8.86	8.94	8.43	8.74	3.14	ppb
Molybdenum	98-1	9.25	8.62	8.88	8.92	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.89	2.23	2.06	8.18	ppb
Phosphorus	31-2	-17.40	-28.75	-25.14	-23.76		ppb
Potassium	39-2	909.08	922.96	913.21	915.08	0.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	9.27	8.42	11.76	9.82	17.69	ppb
Selenium	78-2	8.93	9.49	10.99	9.80	10.89	ppb
Selenium	82-1	9.49	10.42	9.76	9.89	4.87	ppb
Silicon	28-1	16.38	16.07	15.95	16.13	1.37	ppb
Silver	109-1	1.89	1.82	1.84	1.85	2.11	ppb
Silver	107-1	1.81	1.86	1.90	1.86	2.58	ppb
Sodium	23-2	916.81	904.59	911.38	910.93	0.67	ppb
Strontium	86-1	1.63	1.71	1.69	1.68	2.45	ppb
Strontium	88-1	1.82	1.80	1.82	1.81	0.52	ppb
Sulfur	34-1	-315.87	-325.00	-294.44	-311.77		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	1.70	1.81	1.78	1.76	3.03	ppb
Thallium	205-1	1.67	1.76	1.64	1.69	3.63	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	212.39	ppb
Tin	118-1	9.32	9.14	9.18	9.21	1.00	ppb
Titanium	47-1	8.76	8.90	8.43	8.70	2.81	ppb
Uranium	238-1	1.67	1.64	1.67	1.66	1.12	ppb
Vanadium	51-2	9.06	9.34	9.17	9.19	1.53	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BL	Instrumnet Name :	P7
Client Sample ID :	PBW435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:18:58	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.96	4.04	4.39	4.46	10.39	ppb
Zirconium	90-1	1.74	1.82	1.73	1.76	2.85	ppb
Zirconium	91-1	1.85	1.83	1.57	1.75	9.19	ppb

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : PB120435BS Instrumnet Name : P7
 Client Sample ID : LCS435 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 19:22:35 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.41	0.12	1.20	0.30	269.21	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	40.45	ppb
Arsenic	75-2	-0.02	0.04	0.03	0.02	174.31	ppb
Barium	135-1	0.02	0.00	0.01	0.01	89.09	ppb
Barium	137-1	0.01	0.03	-0.01	0.01	142.90	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	97.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	2.02	2.38	2.74	2.38	15.07	ppb
Boron	11-1	2.81	1.75	2.33	2.30	23.13	ppb
Cadmium	111-1	-0.01	0.00	0.00	-0.01		ppb
Cadmium	106-1	-3.10	-0.99	-2.56	-2.22		ppb
Cadmium	108-1	0.00	0.00	-0.14	-0.05		ppb
Calcium	43-1	6.36	7.19	4.01	5.85	28.20	ppb
Calcium	44-1	3.83	3.29	2.19	3.11	26.96	ppb
Chromium	52-2	0.05	-0.03	0.02	0.01	279.90	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.11	0.12	0.10	37.45	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				98		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	1.31	0.95	1.38	1.21	19.13	ppb
Iron	57-2	-0.92	-0.03	1.55	0.20	616.16	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.04	15.94	ppb
Lead	207-1	0.03	0.04	0.03	0.03	10.39	ppb
Lead	208-1	0.04	0.05	0.04	0.04	15.23	ppb
Lithium	6-1				87		%
Magnesium	24-2	1.31	2.71	1.79	1.93	36.76	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BS	Instrumnet Name :	P7
Client Sample ID :	LCS435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:22:35	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.11	0.06	0.09	26.64	ppb
Molybdenum	94-1	-0.01	0.02	0.03	0.01	173.89	ppb
Molybdenum	95-1	0.00	0.00	0.03	0.01	115.04	ppb
Molybdenum	96-1	0.00	0.02	-0.01	0.00	1272.37	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	21.34	ppb
Molybdenum	98-1	0.01	-0.01	0.02	0.01	247.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	24.64	ppb
Phosphorus	31-2	-22.73	-43.96	-29.86	-32.18		ppb
Potassium	39-2	-1.00	5.19	-3.07	0.37	1158.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	0.21	0.74	0.25	190.38	ppb
Selenium	82-1	0.06	0.21	0.14	0.13	57.00	ppb
Silicon	28-1	-1.33	-1.41	-1.54	-1.43		ppb
Silver	109-1	0.02	0.02	0.00	0.01	52.03	ppb
Silver	107-1	0.01	0.00	0.01	0.01	49.47	ppb
Sodium	23-2	7.82	7.18	9.17	8.06	12.59	ppb
Strontium	86-1	0.02	0.01	-0.01	0.01	203.79	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	29.79	ppb
Sulfur	34-1	-352.72	-210.26	-77.62	-213.53		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	77.37	ppb
Tin	118-1	-0.01	-0.04	0.00	-0.02		ppb
Titanium	47-1	0.00	0.07	0.01	0.03	145.46	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	60.05	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BS	Instrumnet Name :	P7
Client Sample ID :	LCS435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:22:35	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.33	0.67	0.19	0.40	63.43	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.01	188.40	ppb
Zirconium	91-1	-0.04	0.00	0.05	0.00	1282.55	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:26:13	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.57	2.99	4.60	4.05	22.79	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	22.12	ppb
Arsenic	75-2	0.08	0.01	0.07	0.05	67.71	ppb
Barium	135-1	10.46	11.14	10.93	10.84	3.18	ppb
Barium	137-1	11.17	10.61	10.75	10.84	2.71	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	2117.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	9.62	8.13	10.01	9.25	10.68	ppb
Boron	11-1	8.27	8.81	8.53	8.54	3.15	ppb
Cadmium	111-1	0.13	0.12	0.20	0.15	31.22	ppb
Cadmium	106-1	-2.10	-1.90	-1.39	-1.80		ppb
Cadmium	108-1	0.18	0.40	0.32	0.30	38.23	ppb
Calcium	43-1	12037.89	12198.29	12099.13	12111.77	0.67	ppb
Calcium	44-1	12110.39	12065.38	12075.93	12083.90	0.19	ppb
Chromium	52-2	-0.02	0.04	-0.01	0.01	589.77	ppb
Cobalt	59-2	0.08	0.10	0.09	0.09	11.13	ppb
Copper	63-2	0.36	0.49	0.42	0.42	14.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	2.74	3.06	2.45	2.75	11.01	ppb
Iron	57-2	51.53	56.69	49.88	52.70	6.74	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.19	0.18	4.36	ppb
Lead	207-1	0.19	0.18	0.15	0.17	13.93	ppb
Lead	208-1	0.18	0.18	0.16	0.18	5.70	ppb
Lithium	6-1				90		%
Magnesium	24-2	3743.15	3725.91	3739.72	3736.26	0.24	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:26:13	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.54	4.28	4.46	4.42	3.04	ppb
Molybdenum	94-1	0.06	0.00	0.03	0.03	103.47	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	28.56	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	26.24	ppb
Molybdenum	97-1	-0.03	0.07	0.04	0.03	185.09	ppb
Molybdenum	98-1	0.03	0.00	0.05	0.02	105.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.37	3.82	3.59	3.59	6.37	ppb
Phosphorus	31-2	-3.98	-36.15	-36.35	-25.49		ppb
Potassium	39-2	887.74	898.98	877.97	888.23	1.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	0.82	0.00	0.00	0.27	173.21	ppb
Selenium	78-2	0.21	-0.60	-0.19	-0.19		ppb
Selenium	82-1	-0.14	0.17	-0.07	-0.01		ppb
Silicon	28-1	4658.87	4730.26	4699.37	4696.17	0.76	ppb
Silver	109-1	0.02	0.03	0.03	0.03	25.46	ppb
Silver	107-1	0.01	0.03	0.01	0.02	49.90	ppb
Sodium	23-2	3578.30	3602.32	3550.92	3577.18	0.72	ppb
Strontium	86-1	33.12	32.21	32.67	32.67	1.39	ppb
Strontium	88-1	32.71	32.63	32.14	32.49	0.95	ppb
Sulfur	34-1	12730.33	12849.08	12806.89	12795.43	0.47	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	89.50	ppb
Tin	118-1	0.00	0.03	0.02	0.01	107.39	ppb
Titanium	47-1	0.43	0.43	0.50	0.45	9.10	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	69.88	ppb
Vanadium	51-2	0.04	0.05	0.02	0.04	33.01	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:26:13	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	876.26	882.92	873.61	877.60	0.55	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	274.96	ppb
Zirconium	91-1	0.02	-0.01	0.00	0.00	842.47	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:29:50	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.16	3.51	1.60	2.76	36.79	ppb
Antimony	121-1	0.02	0.04	0.04	0.04	30.92	ppb
Arsenic	75-2	0.04	0.07	0.06	0.06	24.74	ppb
Barium	135-1	10.78	10.75	10.31	10.61	2.50	ppb
Barium	137-1	11.02	10.97	10.17	10.72	4.45	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	40.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	10.21	8.68	8.54	9.14	10.16	ppb
Boron	11-1	8.86	8.08	8.66	8.53	4.73	ppb
Cadmium	111-1	0.15	0.11	0.14	0.14	17.02	ppb
Cadmium	106-1	-2.82	-3.96	-2.38	-3.05		ppb
Cadmium	108-1	0.27	0.27	0.42	0.32	25.93	ppb
Calcium	43-1	12063.20	12106.00	12016.02	12061.74	0.37	ppb
Calcium	44-1	12042.57	12102.77	12029.51	12058.28	0.32	ppb
Chromium	52-2	-0.05	-0.04	0.00	-0.03		ppb
Cobalt	59-2	0.12	0.11	0.09	0.10	11.50	ppb
Copper	63-2	0.46	0.39	0.47	0.44	10.48	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				95		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	2.82	2.76	2.00	2.53	18.18	ppb
Iron	57-2	57.16	50.98	46.49	51.54	10.39	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.17	0.16	8.05	ppb
Lead	207-1	0.20	0.19	0.18	0.19	4.64	ppb
Lead	208-1	0.16	0.17	0.16	0.16	3.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	3730.33	3740.16	3725.19	3731.89	0.20	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:29:50	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.60	4.50	4.63	4.58	1.53	ppb
Molybdenum	94-1	0.01	0.07	0.07	0.05	68.67	ppb
Molybdenum	95-1	0.04	0.02	0.06	0.04	51.40	ppb
Molybdenum	96-1	-0.01	0.05	0.02	0.02	149.87	ppb
Molybdenum	97-1	-0.02	0.02	0.03	0.01	187.35	ppb
Molybdenum	98-1	0.03	0.05	0.02	0.03	54.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.51	3.42	3.90	3.61	7.04	ppb
Phosphorus	31-2	-5.19	-43.05	5.80	-14.15		ppb
Potassium	39-2	911.35	887.95	872.96	890.75	2.17	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.28	-0.85	-0.37		ppb
Selenium	82-1	0.26	-0.21	-0.14	-0.03		ppb
Silicon	28-1	4667.62	4655.35	4630.98	4651.32	0.40	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.08	ppb
Silver	107-1	0.03	0.01	0.03	0.02	32.92	ppb
Sodium	23-2	3597.68	3603.56	3605.70	3602.31	0.12	ppb
Strontium	86-1	32.82	32.27	32.76	32.61	0.93	ppb
Strontium	88-1	32.81	32.78	32.98	32.85	0.32	ppb
Sulfur	34-1	12475.94	12616.26	12498.26	12530.15	0.60	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	63.66	ppb
Tin	118-1	0.04	0.02	0.03	0.03	38.12	ppb
Titanium	47-1	0.53	0.49	0.48	0.50	5.10	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	66.26	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	7.35	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:29:50	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	879.13	884.76	886.60	883.50	0.44	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.44	ppb
Zirconium	91-1	0.02	0.00	-0.03	0.00		ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:33:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	1.79	0.46	1.09	61.20	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	86.28	ppb
Arsenic	75-2	0.04	0.03	0.03	0.03	24.97	ppb
Barium	135-1	2.16	2.40	2.16	2.24	6.38	ppb
Barium	137-1	2.27	2.10	2.13	2.16	4.15	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	27.41	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	2.28	2.27	2.02	2.19	6.86	ppb
Boron	11-1	2.20	2.49	2.40	2.36	6.15	ppb
Cadmium	111-1	0.03	0.03	0.04	0.03	17.45	ppb
Cadmium	106-1	-2.14	-3.26	-3.16	-2.85		ppb
Cadmium	108-1	-0.09	-0.09	0.01	-0.06		ppb
Calcium	43-1	2407.65	2448.16	2632.10	2495.97	4.79	ppb
Calcium	44-1	2429.74	2519.05	2546.07	2498.28	2.44	ppb
Chromium	52-2	0.01	-0.01	0.02	0.01	248.85	ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	23.70	ppb
Copper	63-2	0.18	0.12	0.16	0.15	20.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	1.84	1.48	1.55	1.62	11.60	ppb
Iron	57-2	9.14	8.74	8.33	8.74	4.67	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.05	0.05	17.93	ppb
Lead	207-1	0.08	0.05	0.06	0.07	25.64	ppb
Lead	208-1	0.05	0.06	0.05	0.06	5.96	ppb
Lithium	6-1				82		%
Magnesium	24-2	745.95	730.16	732.66	736.26	1.15	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:33:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	1.02	1.03	0.99	6.05	ppb
Molybdenum	94-1	0.01	0.01	0.00	0.01	91.77	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	31.13	ppb
Molybdenum	96-1	-0.01	0.01	-0.02	0.00		ppb
Molybdenum	97-1	0.03	-0.01	-0.02	0.00		ppb
Molybdenum	98-1	0.01	0.05	0.01	0.02	99.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.67	0.73	0.69	5.34	ppb
Phosphorus	31-2	-20.75	-13.07	-16.62	-16.81		ppb
Potassium	39-2	175.29	183.33	176.42	178.34	2.44	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.56	0.88	-0.03		ppb
Selenium	82-1	0.09	0.15	-0.15	0.03	599.45	ppb
Silicon	28-1	944.86	975.12	995.98	971.99	2.64	ppb
Silver	109-1	0.01	0.02	0.02	0.01	36.07	ppb
Silver	107-1	0.01	0.00	0.00	0.00	233.72	ppb
Sodium	23-2	711.98	721.35	721.68	718.34	0.77	ppb
Strontium	86-1	6.84	6.75	6.80	6.80	0.62	ppb
Strontium	88-1	6.59	6.86	6.70	6.72	1.99	ppb
Sulfur	34-1	2047.39	2418.37	2512.66	2326.14	10.57	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	9.98	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.11	0.21	0.06	0.13	61.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	158.65	ppb
Vanadium	51-2	0.01	0.02	0.02	0.01	40.28	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:33:26	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	171.52	166.47	169.32	169.11	1.50	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	295.57	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:37:02	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	918.85	934.98	905.59	919.81	1.60	ppb
Antimony	121-1	52.41	52.45	51.65	52.17	0.87	ppb
Arsenic	75-2	20.20	20.94	19.99	20.38	2.44	ppb
Barium	135-1	1038.34	1051.53	1033.89	1041.25	0.88	ppb
Barium	137-1	1032.35	1040.72	1026.81	1033.29	0.68	ppb
Beryllium	9-1	25.95	26.06	26.27	26.09	0.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	8.95	8.71	7.64	8.43	8.24	ppb
Boron	11-1	7.90	7.47	7.65	7.67	2.76	ppb
Cadmium	111-1	25.93	26.04	25.55	25.84	1.00	ppb
Cadmium	106-1	15.34	19.51	15.22	16.69	14.64	ppb
Cadmium	108-1	21.77	21.58	21.99	21.78	0.95	ppb
Calcium	43-1	12384.62	12667.39	12476.00	12509.34	1.15	ppb
Calcium	44-1	12549.78	12691.07	12523.96	12588.27	0.71	ppb
Chromium	52-2	102.64	104.37	101.23	102.75	1.53	ppb
Cobalt	59-2	267.02	271.06	264.29	267.46	1.27	ppb
Copper	63-2	131.95	133.34	129.97	131.75	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	574.30	579.36	559.23	570.96	1.83	ppb
Iron	57-2	628.11	618.68	604.36	617.05	1.94	ppb
Krypton	83-1						cps
Lead	206-1	10.62	10.62	10.52	10.59	0.56	ppb
Lead	207-1	10.49	10.47	10.46	10.47	0.18	ppb
Lead	208-1	10.53	10.57	10.44	10.52	0.65	ppb
Lithium	6-1				85		%
Magnesium	24-2	3764.35	3737.73	3681.78	3727.96	1.13	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:37:02	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.93	263.08	257.39	261.13	1.24	ppb
Molybdenum	94-1	0.03	0.04	0.08	0.05	47.83	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	27.10	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.02	34.03	ppb
Molybdenum	97-1	-0.01	0.01	-0.03	-0.01		ppb
Molybdenum	98-1	0.02	0.07	0.06	0.05	51.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.36	275.92	270.52	273.27	0.99	ppb
Phosphorus	31-2	-31.74	-20.54	-39.72	-30.67		ppb
Potassium	39-2	894.96	877.39	872.18	881.51	1.35	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	72.70	74.50	77.04	74.75	2.92	ppb
Selenium	78-2	74.28	70.25	62.67	69.07	8.53	ppb
Selenium	82-1	70.34	70.25	70.24	70.28	0.08	ppb
Silicon	28-1	4806.60	4867.96	4780.54	4818.37	0.93	ppb
Silver	109-1	25.74	25.87	25.01	25.54	1.82	ppb
Silver	107-1	25.28	25.61	25.15	25.35	0.94	ppb
Sodium	23-2	3596.89	3575.71	3532.69	3568.43	0.92	ppb
Strontium	86-1	33.77	34.00	33.68	33.82	0.49	ppb
Strontium	88-1	34.11	34.47	33.91	34.16	0.83	ppb
Sulfur	34-1	12802.13	13303.04	12683.39	12929.52	2.54	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	25.83	25.79	25.32	25.65	1.11	ppb
Thallium	205-1	25.40	26.01	25.46	25.62	1.30	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.04	0.02	0.03	26.50	ppb
Titanium	47-1	0.47	0.51	0.36	0.45	17.47	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	91.34	ppb
Vanadium	51-2	251.61	253.47	246.17	250.42	1.52	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:37:02	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1153.50	1162.02	1138.62	1151.38	1.03	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	37.87	ppb
Zirconium	91-1	-0.02	0.00	0.03	0.00	713.48	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:40:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	2.59	4.55	3.01	46.04	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	5.50	ppb
Arsenic	75-2	1.59	1.84	2.00	1.81	11.60	ppb
Barium	135-1	32.80	32.50	32.31	32.54	0.77	ppb
Barium	137-1	32.67	33.46	33.62	33.25	1.53	ppb
Beryllium	9-1	0.00	-0.02	0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	8.48	7.43	7.94	7.95	6.57	ppb
Boron	11-1	8.01	7.44	7.97	7.80	4.09	ppb
Cadmium	111-1	-0.03	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-2.93	-3.20	-3.27	-3.13		ppb
Cadmium	108-1	0.18	0.14	0.23	0.19	25.47	ppb
Calcium	43-1	15135.98	14855.70	15045.18	15012.29	0.95	ppb
Calcium	44-1	15053.09	14948.44	15047.40	15016.31	0.39	ppb
Chromium	52-2	0.00	-0.04	0.02	-0.01		ppb
Cobalt	59-2	2.57	2.56	2.63	2.59	1.29	ppb
Copper	63-2	0.38	0.36	0.31	0.35	9.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	1713.18	1705.58	1733.99	1717.58	0.86	ppb
Iron	57-2	1789.90	1757.13	1815.16	1787.40	1.63	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.07	0.05	40.13	ppb
Lead	207-1	0.04	0.06	0.05	0.05	26.44	ppb
Lead	208-1	0.04	0.05	0.06	0.05	19.05	ppb
Lithium	6-1				84		%
Magnesium	24-2	6351.73	6342.18	6423.35	6372.42	0.70	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:40:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.07	1000.18	1010.37	1004.54	0.52	ppb
Molybdenum	94-1	0.12	0.13	0.19	0.15	24.01	ppb
Molybdenum	95-1	0.12	0.13	0.16	0.14	16.08	ppb
Molybdenum	96-1	0.14	0.15	0.08	0.12	28.25	ppb
Molybdenum	97-1	0.13	0.08	0.20	0.14	43.97	ppb
Molybdenum	98-1	0.16	0.14	0.12	0.14	15.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.86	4.22	4.15	4.08	4.74	ppb
Phosphorus	31-2	-12.03	-20.19	4.63	-9.20		ppb
Potassium	39-2	1045.19	1040.38	1060.87	1048.82	1.02	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	0.16	0.34	0.03	1099.07	ppb
Selenium	82-1	0.15	0.04	0.54	0.24	108.51	ppb
Silicon	28-1	3991.56	3996.83	4015.97	4001.45	0.32	ppb
Silver	109-1	0.03	0.02	0.02	0.02	26.00	ppb
Silver	107-1	0.03	0.02	0.03	0.03	13.33	ppb
Sodium	23-2	2525.56	2515.78	2529.27	2523.54	0.28	ppb
Strontium	86-1	45.62	45.54	45.80	45.65	0.29	ppb
Strontium	88-1	45.50	45.87	45.47	45.61	0.49	ppb
Sulfur	34-1	12563.90	12794.96	12850.42	12736.43	1.19	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	54.42	ppb
Tin	118-1	0.03	0.04	0.01	0.02	63.58	ppb
Titanium	47-1	0.52	0.29	0.41	0.41	28.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.04	0.08	0.06	35.46	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:40:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1237.14	1225.29	1253.61	1238.68	1.15	ppb
Zirconium	90-1	0.02	0.04	0.01	0.02	66.59	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	25.80	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:44:14	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.53	0.36	0.95	0.95	61.74	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	13.70	ppb
Arsenic	75-2	0.93	1.24	1.23	1.13	15.68	ppb
Barium	135-1	3.77	4.03	3.69	3.83	4.76	ppb
Barium	137-1	3.78	3.80	3.85	3.81	0.92	ppb
Beryllium	9-1	0.00	0.02	0.02	0.02	85.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	1.89	1.47	1.60	1.65	12.97	ppb
Boron	11-1	1.69	1.45	1.35	1.50	11.37	ppb
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	-2.39	-2.05	-2.88	-2.44		ppb
Cadmium	108-1	0.01	0.06	-0.04	0.01	684.10	ppb
Calcium	43-1	5308.52	5378.89	5360.28	5349.23	0.68	ppb
Calcium	44-1	5261.63	5389.14	5326.12	5325.63	1.20	ppb
Chromium	52-2	-0.01	-0.05	0.01	-0.02		ppb
Cobalt	59-2	0.86	0.87	0.84	0.86	1.53	ppb
Copper	63-2	0.19	0.13	0.11	0.14	32.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	873.66	892.34	882.71	882.90	1.06	ppb
Iron	57-2	903.71	907.56	891.53	900.93	0.93	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.06	0.04	30.40	ppb
Lead	207-1	0.03	0.05	0.03	0.03	36.19	ppb
Lead	208-1	0.04	0.04	0.03	0.04	7.65	ppb
Lithium	6-1				81		%
Magnesium	24-2	1935.28	1938.05	1931.92	1935.08	0.16	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:44:14	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	320.24	323.92	321.86	322.01	0.57	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.02	30.33	ppb
Molybdenum	95-1	0.04	0.01	0.06	0.03	68.34	ppb
Molybdenum	96-1	0.05	0.11	0.02	0.06	71.44	ppb
Molybdenum	97-1	0.02	0.02	0.05	0.03	61.91	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	39.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.04	0.96	0.96	7.46	ppb
Phosphorus	31-2	-19.15	-18.91	-34.63	-24.23		ppb
Potassium	39-2	271.84	275.70	282.96	276.83	2.04	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.06	0.04	-0.52	-0.14		ppb
Selenium	82-1	0.35	0.71	0.23	0.43	59.30	ppb
Silicon	28-1	690.49	701.37	700.83	697.56	0.88	ppb
Silver	109-1	0.02	0.00	0.00	0.01	156.84	ppb
Silver	107-1	0.01	0.00	0.00	0.00	85.76	ppb
Sodium	23-2	1779.71	1788.11	1801.00	1789.61	0.60	ppb
Strontium	86-1	13.64	14.26	13.41	13.77	3.22	ppb
Strontium	88-1	14.00	13.95	14.03	13.99	0.30	ppb
Sulfur	34-1	5705.31	5998.98	5830.14	5844.81	2.52	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	41.04	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.02	0.14	-0.03	0.04	203.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	60.42	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:44:14	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	976.09	981.70	968.60	975.46	0.67	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	19.76	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	248.68	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:47:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	2.03	-0.47	0.36	395.87	ppb
Antimony	121-1	0.03	0.00	0.02	0.02	69.30	ppb
Arsenic	75-2	1.08	1.33	1.18	1.20	10.52	ppb
Barium	135-1	5.32	4.81	5.28	5.14	5.49	ppb
Barium	137-1	5.35	5.14	5.30	5.27	2.12	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	247.53	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	0.68	0.71	1.65	1.01	54.44	ppb
Boron	11-1	1.07	1.28	0.90	1.08	17.29	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00		ppb
Cadmium	106-1	-0.62	-1.17	-2.88	-1.56		ppb
Cadmium	108-1	-0.09	-0.14	-0.14	-0.12		ppb
Calcium	43-1	4803.88	4935.99	4946.81	4895.56	1.63	ppb
Calcium	44-1	4952.39	4957.74	4956.61	4955.58	0.06	ppb
Chromium	52-2	0.01	0.08	-0.02	0.02	199.12	ppb
Cobalt	59-2	0.35	0.46	0.38	0.40	13.32	ppb
Copper	63-2	0.14	0.19	0.12	0.15	24.32	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				97		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	2427.75	2411.28	2419.41	2419.48	0.34	ppb
Iron	57-2	2488.67	2459.45	2419.36	2455.83	1.42	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.07	0.05	48.53	ppb
Lead	207-1	0.04	0.07	0.05	0.05	35.04	ppb
Lead	208-1	0.04	0.05	0.05	0.05	20.40	ppb
Lithium	6-1				83		%
Magnesium	24-2	1631.76	1616.12	1648.45	1632.11	0.99	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:47:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	151.50	151.01	148.27	150.26	1.16	ppb
Molybdenum	94-1	0.04	0.10	0.09	0.08	39.00	ppb
Molybdenum	95-1	0.10	0.15	0.07	0.11	40.27	ppb
Molybdenum	96-1	0.05	0.11	0.10	0.09	40.32	ppb
Molybdenum	97-1	0.04	0.11	0.04	0.07	66.09	ppb
Molybdenum	98-1	0.05	0.07	0.09	0.07	29.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.04	0.09	0.08	51.47	ppb
Phosphorus	31-2	-23.42	-8.71	37.35	1.74	1823.49	ppb
Potassium	39-2	271.78	273.38	268.15	271.10	0.99	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	-0.26	0.33	0.09	347.50	ppb
Selenium	82-1	-0.12	0.16	0.18	0.07	226.15	ppb
Silicon	28-1	1058.08	1068.89	1059.41	1062.12	0.56	ppb
Silver	109-1	0.00	0.01	0.01	0.01	41.65	ppb
Silver	107-1	0.00	0.00	0.00	0.00	47.32	ppb
Sodium	23-2	801.11	804.18	810.51	805.27	0.60	ppb
Strontium	86-1	11.95	11.85	11.40	11.74	2.50	ppb
Strontium	88-1	11.85	11.87	11.88	11.86	0.12	ppb
Sulfur	34-1	3296.17	3288.05	3262.83	3282.35	0.53	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	-0.03	-0.01	-0.03	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	150.38	ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.14	0.25	0.19	0.19	28.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.01	0.03	0.02	46.01	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:47:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.20	7.25	7.53	7.33	2.41	ppb
Zirconium	90-1	0.03	0.01	0.03	0.03	39.29	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	160.26	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P7
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:52:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52489.38	53047.51	52719.40	52752.10	0.53	ppb
Antimony	121-1	499.88	499.57	495.69	498.38	0.47	ppb
Arsenic	75-2	527.37	531.35	529.09	529.27	0.38	ppb
Barium	135-1	2449.55	2420.99	2414.68	2428.41	0.77	ppb
Barium	137-1	2421.16	2387.06	2376.60	2394.94	0.97	ppb
Beryllium	9-1	490.01	489.42	490.39	489.94	0.10	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	479.31	476.71	505.51	487.18	3.27	ppb
Boron	11-1	481.20	479.77	495.59	485.52	1.80	ppb
Cadmium	111-1	504.73	505.93	506.35	505.67	0.17	ppb
Cadmium	106-1	485.50	492.18	490.57	489.42	0.71	ppb
Cadmium	108-1	501.24	498.88	496.17	498.77	0.51	ppb
Calcium	43-1	239989.09	239147.93	240819.68	239985.56	0.35	ppb
Calcium	44-1	240675.87	240176.47	240710.08	240520.81	0.12	ppb
Chromium	52-2	494.28	497.75	497.00	496.35	0.37	ppb
Cobalt	59-2	491.83	495.88	495.77	494.49	0.47	ppb
Copper	63-2	978.31	986.35	980.64	981.77	0.42	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				93		%
Holmium	165-2				90		%
Indium	115-1				82		%
Indium	115-2				80		%
Iron	56-2	127536.93	128512.31	127382.26	127810.50	0.48	ppb
Iron	57-2	128082.52	130126.11	128816.22	129008.28	0.80	ppb
Krypton	83-1						cps
Lead	206-1	511.43	507.46	510.95	509.95	0.43	ppb
Lead	207-1	507.61	499.98	506.55	504.71	0.82	ppb
Lead	208-1	505.22	500.46	504.92	503.53	0.53	ppb
Lithium	6-1				81		%
Magnesium	24-2	246114.95	248457.16	247644.15	247405.42	0.48	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P7
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:52:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.11	980.28	974.26	974.22	0.62	ppb
Molybdenum	94-1	2486.24	2496.73	2493.69	2492.22	0.22	ppb
Molybdenum	95-1	2509.87	2531.01	2528.58	2523.15	0.46	ppb
Molybdenum	96-1	2523.88	2528.66	2534.27	2528.94	0.21	ppb
Molybdenum	97-1	2474.33	2479.80	2485.96	2480.03	0.23	ppb
Molybdenum	98-1	2513.44	2516.34	2524.25	2518.01	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.59	488.19	483.86	486.22	0.45	ppb
Phosphorus	31-2	9813.59	9574.87	9605.05	9664.50	1.35	ppb
Potassium	39-2	124951.55	125051.62	125010.25	125004.47	0.04	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				79		%
Scandium	45-2				79		%
Selenium	77-2	472.15	534.29	481.25	495.90	6.77	ppb
Selenium	78-2	494.23	509.45	501.18	501.62	1.52	ppb
Selenium	82-1	506.21	511.95	512.33	510.16	0.67	ppb
Silicon	28-1	509.04	521.00	528.76	519.60	1.91	ppb
Silver	109-1	498.81	498.59	497.31	498.24	0.16	ppb
Silver	107-1	495.55	492.33	492.63	493.51	0.36	ppb
Sodium	23-2	245809.06	247707.60	247292.52	246936.40	0.40	ppb
Strontium	86-1	504.73	498.95	500.01	501.23	0.61	ppb
Strontium	88-1	503.73	506.47	505.35	505.18	0.27	ppb
Sulfur	34-1	9844.91	9964.72	10083.76	9964.46	1.20	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	510.52	507.01	507.45	508.33	0.38	ppb
Thallium	205-1	513.86	514.49	515.39	514.58	0.15	ppb
Thorium	232-1	522.55	520.65	522.47	521.89	0.21	ppb
Tin	118-1	484.88	480.47	482.64	482.67	0.46	ppb
Titanium	47-1	2516.95	2492.52	2487.11	2498.86	0.64	ppb
Uranium	238-1	496.81	496.93	498.72	497.49	0.22	ppb
Vanadium	51-2	490.91	496.62	497.41	494.98	0.72	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P7
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:52:48	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	948.02	978.81	958.10	961.64	1.63	ppb
Zirconium	90-1	501.18	501.98	500.10	501.09	0.19	ppb
Zirconium	91-1	502.49	504.58	504.94	504.00	0.26	ppb

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : CCB063 Instrumnet Name : P7
 Client Sample ID : CCB063 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 19:57:12 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	1.27	2.92	1.65	68.95	ppb
Antimony	121-1	0.30	0.29	0.30	0.30	1.76	ppb
Arsenic	75-2	0.04	0.04	0.07	0.05	32.17	ppb
Barium	135-1	0.11	0.08	0.11	0.10	15.17	ppb
Barium	137-1	0.12	0.12	0.09	0.11	14.21	ppb
Beryllium	9-1	0.08	0.06	0.06	0.07	14.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	10.68	12.05	11.28	11.34	6.09	ppb
Boron	11-1	11.15	10.91	10.28	10.78	4.14	ppb
Cadmium	111-1	0.00	0.02	0.01	0.01	126.15	ppb
Cadmium	106-1	-4.59	-3.68	-3.08	-3.78		ppb
Cadmium	108-1	-0.04	0.10	0.05	0.04	200.60	ppb
Calcium	43-1	11.96	17.49	11.47	13.64	24.51	ppb
Calcium	44-1	11.24	12.83	9.08	11.05	17.06	ppb
Chromium	52-2	0.02	0.00	-0.05	-0.01		ppb
Cobalt	59-2	0.02	0.00	0.02	0.01	73.09	ppb
Copper	63-2	0.10	0.09	0.08	0.09	12.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	5.65	5.69	5.74	5.69	0.81	ppb
Iron	57-2	5.74	5.87	7.25	6.28	13.36	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.02	0.04	37.89	ppb
Lead	207-1	0.03	0.05	0.06	0.05	28.54	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.93	ppb
Lithium	6-1				90		%
Magnesium	24-2	9.56	8.41	11.06	9.68	13.69	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P7
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:57:12	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.12	0.13	0.11	20.89	ppb
Molybdenum	94-1	0.39	0.51	0.47	0.46	14.18	ppb
Molybdenum	95-1	0.64	0.61	0.47	0.57	15.85	ppb
Molybdenum	96-1	0.62	0.61	0.59	0.61	2.61	ppb
Molybdenum	97-1	0.62	0.60	0.50	0.57	11.01	ppb
Molybdenum	98-1	0.64	0.59	0.55	0.59	7.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.03	0.02	91.38	ppb
Phosphorus	31-2	-32.61	-11.21	-18.41	-20.75		ppb
Potassium	39-2	-0.82	1.46	4.71	1.78	155.72	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.84	-0.18	0.26	0.30	166.58	ppb
Selenium	82-1	-0.27	0.09	0.00	-0.06		ppb
Silicon	28-1	-0.57	-0.62	-1.55	-0.91		ppb
Silver	109-1	0.04	0.03	0.02	0.03	40.37	ppb
Silver	107-1	0.03	0.03	0.02	0.03	22.81	ppb
Sodium	23-2	32.02	28.04	26.27	28.78	10.23	ppb
Strontium	86-1	0.02	0.07	0.02	0.04	71.23	ppb
Strontium	88-1	0.04	0.01	0.03	0.03	46.15	ppb
Sulfur	34-1	-570.67	-347.52	-633.48	-517.22		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.09	0.08	0.09	14.84	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	7.59	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	7.59	ppb
Tin	118-1	0.11	0.08	0.09	0.09	15.83	ppb
Titanium	47-1	0.15	0.19	0.12	0.15	25.18	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	27.83	ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	11.54	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P7
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:57:12	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.34	0.43	0.40	0.39	11.46	ppb
Zirconium	90-1	0.06	0.05	0.02	0.04	39.69	ppb
Zirconium	91-1	0.06	0.03	0.06	0.05	37.59	ppb

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:25:51	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	92	75	106	37.31	cps
Antimony	121-1	100	58	67	75	29.39	cps
Arsenic	75-2	4	2	7	4	65.54	cps
Barium	135-1	92	75	83	83	10.00	cps
Barium	137-1	117	100	117	111	8.66	cps
Beryllium	9-1	60	60	63	61	3.15	cps
Bismuth	209-1	4329841	4279089	4278608	4295846	0.69	cps
Bismuth	209-2	2779841	2816682	2869993	2822172	1.61	cps
Boron	10-1	275	233	208	239	14.10	cps
Boron	11-1	1175	1267	1083	1175	7.80	cps
Cadmium	111-1	134	100	121	118	14.30	cps
Cadmium	106-1	2234	1950	2250	2145	7.86	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	125	167	142	144	14.52	cps
Calcium	44-1	4101	3734	4092	3976	5.27	cps
Chromium	52-2	350	493	433	426	16.92	cps
Cobalt	59-2	60	53	57	57	5.89	cps
Copper	63-2	343	367	317	342	7.31	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	133	90	133	119	21.05	cps
Holmium	165-1	6182120	6203038	6272728	6219295	0.76	cps
Holmium	165-2	3603948	3651107	3731731	3662262	1.76	cps
Indium	115-1	4378529	4291522	4306660	4325570	1.07	cps
Indium	115-2	1026429	1035369	1057229	1039676	1.52	cps
Iron	56-2	4345	4090	4429	4288	4.12	cps
Iron	57-2	178	161	150	163	8.58	cps
Krypton	83-1	157	110	137	134	17.42	cps
Lead	206-1	200	211	228	213	6.57	cps
Lead	207-1	178	144	206	176	17.39	cps
Lead	208-1	972	839	856	889	8.17	cps
Lithium	6-1	1541843	1519083	1524016	1528314	0.78	cps
Magnesium	24-2	692	542	492	575	18.10	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:25:51	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	20	37	38	48.60	cps
Molybdenum	94-1	217	292	208	239	19.21	cps
Molybdenum	95-1	200	167	133	167	20.00	cps
Molybdenum	96-1	267	200	233	233	14.29	cps
Molybdenum	97-1	100	133	125	119	14.53	cps
Molybdenum	98-1	275	217	242	244	11.97	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	40	63	47	31.13	cps
Phosphorus	31-2	133	100	133	122	15.75	cps
Potassium	39-2	10279	10904	10529	10571	2.98	cps
Rhodium	103-1	3953506	3919765	3897511	3923594	0.72	cps
Rhodium	103-2	1991029	1999519	2047758	2012769	1.52	cps
Scandium	45-1	3023897	2988125	2987692	2999905	0.69	cps
Scandium	45-2	142309	143644	147005	144319	1.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	22	31	27	17.16	cps
Selenium	82-1	-18	54	7	14	261.37	cps
Silicon	28-1	92830	92569	92460	92619	0.21	cps
Silver	109-1	25	25	33	28	17.31	cps
Silver	107-1	92	42	58	64	39.85	cps
Sodium	23-2	3067	2917	3125	3037	3.54	cps
Strontium	86-1	225	233	283	247	12.76	cps
Strontium	88-1	317	308	300	308	2.70	cps
Sulfur	34-1	198099	195686	194791	196192	0.87	cps
Terbium	159-1	6385839	6375415	6428093	6396449	0.44	cps
Terbium	159-2	3558283	3597109	3677072	3610822	1.68	cps
Thallium	203-1	175	200	183	186	6.84	cps
Thallium	205-1	317	375	467	386	19.58	cps
Thorium	232-1	206	317	233	252	22.96	cps
Tin	118-1	225	233	292	250	14.53	cps
Titanium	47-1	75	75	133	94	35.66	cps
Uranium	238-1	317	300	300	306	3.15	cps
Vanadium	51-2	20	10	13	14	35.26	cps
Yttrium	89-1	4751415	4741611	4738829	4743952	0.14	cps
Yttrium	89-2	784098	783325	803107	790176	1.42	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:25:51	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167	163	133	154	11.89	cps
Zirconium	90-1	425	408	400	411	3.10	cps
Zirconium	91-1	100	100	100	100	0.01	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:29:26	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	217	217	219	2.19	cps
Antimony	121-1	658	908	775	781	16.03	cps
Arsenic	75-2	20	30	24	25	18.88	cps
Barium	135-1	1125	1242	1400	1256	10.99	cps
Barium	137-1	1992	2175	2234	2134	5.91	cps
Beryllium	9-1	157	187	207	183	13.73	cps
Bismuth	209-1	4286732	4296527	4221550	4268270	0.95	cps
Bismuth	209-2	2764886	2800355	2753438	2772893	0.88	cps
Boron	10-1	608	508	833	650	25.61	cps
Boron	11-1	2917	2809	2584	2770	6.14	cps
Cadmium	111-1	233	176	204	204	13.98	cps
Cadmium	106-1	2242	1792	1917	1984	11.71	cps
Cadmium	108-1	13	42	13	22	75.78	cps
Calcium	43-1	850	875	1050	925	11.78	cps
Calcium	44-1	14941	15584	15592	15372	2.43	cps
Chromium	52-2	597	683	667	649	7.09	cps
Cobalt	59-2	260	230	227	239	7.69	cps
Copper	63-2	570	593	617	593	3.93	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	150	103	127	127	18.42	cps
Holmium	165-1	6165783	6158583	6084197	6136188	0.74	cps
Holmium	165-2	3584874	3628832	3581773	3598493	0.73	cps
Indium	115-1	4351992	4372498	4297828	4340773	0.89	cps
Indium	115-2	1019435	1031913	1021427	1024258	0.65	cps
Iron	56-2	10398	10415	9715	10176	3.93	cps
Iron	57-2	361	272	311	315	14.16	cps
Krypton	83-1	127	137	100	121	15.65	cps
Lead	206-1	639	583	572	598	5.97	cps
Lead	207-1	494	611	628	578	12.57	cps
Lead	208-1	2461	2556	2545	2521	2.05	cps
Lithium	6-1	1538289	1541159	1520040	1533163	0.75	cps
Magnesium	24-2	6227	6543	5993	6254	4.42	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:29:26	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	177	103	124	36.56	cps
Molybdenum	94-1	1058	992	1142	1064	7.06	cps
Molybdenum	95-1	1100	1250	1158	1170	6.47	cps
Molybdenum	96-1	1467	1542	1442	1483	3.51	cps
Molybdenum	97-1	675	700	783	719	7.89	cps
Molybdenum	98-1	2075	2067	2092	2078	0.61	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	137	143	116	36.75	cps
Phosphorus	31-2	158	108	100	122	25.81	cps
Potassium	39-2	16001	15433	15792	15742	1.82	cps
Rhodium	103-1	3946517	3922083	3887259	3918620	0.76	cps
Rhodium	103-2	1987869	1998466	1982993	1989776	0.40	cps
Scandium	45-1	3022667	3041263	2970037	3011322	1.23	cps
Scandium	45-2	142676	141346	142000	142007	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	24	35	34	27.46	cps
Selenium	82-1	73	53	88	71	24.03	cps
Silicon	28-1	95226	96528	95722	95825	0.69	cps
Silver	109-1	525	533	392	483	16.45	cps
Silver	107-1	492	583	567	547	8.92	cps
Sodium	23-2	13306	13598	14141	13682	3.09	cps
Strontium	86-1	392	375	475	414	12.94	cps
Strontium	88-1	1450	1542	1392	1461	5.17	cps
Sulfur	34-1	197316	199383	199763	198821	0.66	cps
Terbium	159-1	6432839	6440754	6334649	6402747	0.92	cps
Terbium	159-2	3528607	3597712	3529203	3551841	1.12	cps
Thallium	203-1	625	683	683	664	5.07	cps
Thallium	205-1	1775	1317	1759	1617	16.08	cps
Thorium	232-1	2045	1978	2178	2067	4.93	cps
Tin	118-1	2009	2050	1975	2011	1.87	cps
Titanium	47-1	367	458	408	411	11.16	cps
Uranium	238-1	2300	2175	2067	2181	5.36	cps
Vanadium	51-2	560	600	553	571	4.42	cps
Yttrium	89-1	4785630	4776017	4719183	4760277	0.75	cps
Yttrium	89-2	777549	782998	776958	779168	0.43	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:29:26	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203	233	617	351	65.64	cps
Zirconium	90-1	1025	1100	892	1006	10.49	cps
Zirconium	91-1	258	300	258	272	8.84	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:33:41	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1075	1117	1114	3.37	cps
Antimony	121-1	7794	7994	8319	8036	3.30	cps
Arsenic	75-2	115	152	202	156	27.97	cps
Barium	135-1	11989	11438	11555	11661	2.49	cps
Barium	137-1	20674	20190	19623	20162	2.61	cps
Beryllium	9-1	1107	1137	1103	1116	1.65	cps
Bismuth	209-1	4331762	4326146	4339293	4332400	0.15	cps
Bismuth	209-2	2712520	2741464	2714036	2722673	0.60	cps
Boron	10-1	3759	4167	4226	4051	6.28	cps
Boron	11-1	17569	17761	17928	17753	1.01	cps
Cadmium	111-1	1205	1179	1193	1193	1.11	cps
Cadmium	106-1	2209	2209	2275	2231	1.73	cps
Cadmium	108-1	104	108	113	108	3.84	cps
Calcium	43-1	7327	6985	7661	7324	4.61	cps
Calcium	44-1	121848	120816	121345	121336	0.43	cps
Chromium	52-2	3177	2904	3034	3038	4.50	cps
Cobalt	59-2	2180	2094	1974	2082	4.98	cps
Copper	63-2	3024	2934	3060	3006	2.17	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	133	167	100	133	25.00	cps
Holmium	165-1	6278470	6250513	6257298	6262094	0.23	cps
Holmium	165-2	3551924	3568463	3529172	3549853	0.56	cps
Indium	115-1	4405684	4422643	4390712	4406346	0.36	cps
Indium	115-2	1006081	1006869	1009709	1007553	0.19	cps
Iron	56-2	64687	65334	63771	64597	1.22	cps
Iron	57-2	1678	1706	1572	1652	4.26	cps
Krypton	83-1	117	153	113	128	17.37	cps
Lead	206-1	4545	4351	4267	4388	3.25	cps
Lead	207-1	3823	3734	3734	3764	1.36	cps
Lead	208-1	17672	16871	16460	17001	3.63	cps
Lithium	6-1	1564576	1571265	1566376	1567406	0.22	cps
Magnesium	24-2	57218	57855	57093	57389	0.71	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:33:41	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	870	863	1090	941	13.71	cps
Molybdenum	94-1	9087	9145	9278	9170	1.07	cps
Molybdenum	95-1	11313	11805	11589	11569	2.13	cps
Molybdenum	96-1	12297	12039	11880	12072	1.74	cps
Molybdenum	97-1	6952	6827	7077	6952	1.80	cps
Molybdenum	98-1	17829	18087	17879	17931	0.77	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	583	530	577	563	5.16	cps
Phosphorus	31-2	250	200	183	211	16.43	cps
Potassium	39-2	64759	64491	66876	65375	2.00	cps
Rhodium	103-1	4010433	4040524	3990181	4013713	0.63	cps
Rhodium	103-2	1955072	1962527	1960680	1959426	0.20	cps
Scandium	45-1	3109986	3106954	3082664	3099868	0.48	cps
Scandium	45-2	140649	140535	140683	140623	0.06	cps
Selenium	77-2	33	20	20	24	31.49	cps
Selenium	78-2	94	85	107	96	11.66	cps
Selenium	82-1	461	476	426	455	5.66	cps
Silicon	28-1	123406	123481	121987	122958	0.68	cps
Silver	109-1	4826	5026	4609	4820	4.32	cps
Silver	107-1	5393	5076	5301	5257	3.10	cps
Sodium	23-2	107131	108122	109204	108152	0.96	cps
Strontium	86-1	1550	1825	1542	1639	9.84	cps
Strontium	88-1	13098	12773	13190	13020	1.68	cps
Sulfur	34-1	200938	201402	200113	200818	0.33	cps
Terbium	159-1	6528052	6503859	6535473	6522461	0.25	cps
Terbium	159-2	3504074	3500973	3491241	3498763	0.19	cps
Thallium	203-1	4584	5035	4759	4793	4.74	cps
Thallium	205-1	11772	12381	12114	12089	2.52	cps
Thorium	232-1	18469	18514	19020	18667	1.64	cps
Tin	118-1	18705	18146	18938	18596	2.19	cps
Titanium	47-1	3651	3659	3551	3620	1.67	cps
Uranium	238-1	18906	18681	18205	18597	1.92	cps
Vanadium	51-2	5655	5778	5584	5672	1.73	cps
Yttrium	89-1	4848424	4857905	4824554	4843628	0.35	cps
Yttrium	89-2	768074	768641	766758	767824	0.13	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:33:41	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	610	627	610	616	1.56	cps
Zirconium	90-1	7227	7110	7886	7408	5.64	cps
Zirconium	91-1	1859	1617	1842	1772	7.62	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:37:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49776	50570	51523	50623	1.73	cps
Antimony	121-1	215607	217882	214378	215956	0.82	cps
Arsenic	75-2	7419	7337	7230	7328	1.29	cps
Barium	135-1	297089	299094	299257	298480	0.40	cps
Barium	137-1	511538	519440	519568	516849	0.89	cps
Beryllium	9-1	55227	55695	55494	55472	0.42	cps
Bismuth	209-1	4164923	4197767	4189180	4183957	0.41	cps
Bismuth	209-2	2723066	2679906	2761011	2721328	1.49	cps
Boron	10-1	8386	8044	8203	8211	2.08	cps
Boron	11-1	36136	36737	37021	36631	1.23	cps
Cadmium	111-1	56235	57560	56435	56743	1.26	cps
Cadmium	106-1	9345	8928	9203	9159	2.31	cps
Cadmium	108-1	4513	4809	4497	4606	3.82	cps
Calcium	43-1	74681	75862	75082	75208	0.80	cps
Calcium	44-1	1210887	1214262	1211135	1212095	0.16	cps
Chromium	52-2	68894	69677	69272	69281	0.57	cps
Cobalt	59-2	104629	105533	104039	104734	0.72	cps
Copper	63-2	136583	136203	136277	136354	0.15	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	20	30	19	61.96	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Gadolinium	160-2	130	127	113	123	7.15	cps
Holmium	165-1	5993135	5999649	6000880	5997888	0.07	cps
Holmium	165-2	3577787	3479717	3583445	3546983	1.64	cps
Indium	115-1	4169527	4199399	4187206	4185377	0.36	cps
Indium	115-2	996979	972615	1005849	991814	1.74	cps
Iron	56-2	2920579	2928004	2933289	2927291	0.22	cps
Iron	57-2	73361	74740	75583	74561	1.50	cps
Krypton	83-1	117	157	160	144	16.69	cps
Lead	206-1	208715	211938	213767	211473	1.21	cps
Lead	207-1	192371	196046	194992	194470	0.97	cps
Lead	208-1	860474	872198	870589	867754	0.73	cps
Lithium	6-1	1496138	1500947	1501524	1499536	0.20	cps
Magnesium	24-2	564915	566196	561853	564321	0.40	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:37:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87303	86770	87337	87137	0.36	cps
Molybdenum	94-1	456786	458319	459136	458080	0.26	cps
Molybdenum	95-1	553626	558803	559560	557330	0.58	cps
Molybdenum	96-1	608866	610274	617120	612086	0.72	cps
Molybdenum	97-1	348949	346851	348637	348146	0.33	cps
Molybdenum	98-1	889885	897043	894700	893876	0.41	cps
Neodymium	150-1	27	47	53	42	32.87	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	26741	25973	26848	26521	1.80	cps
Phosphorus	31-2	2750	2767	3109	2875	7.04	cps
Potassium	39-2	298846	302375	301810	301010	0.63	cps
Rhodium	103-1	3746665	3793545	3796858	3779023	0.74	cps
Rhodium	103-2	1927075	1872587	1937296	1912319	1.82	cps
Scandium	45-1	2885415	2893398	2898389	2892401	0.23	cps
Scandium	45-2	137857	134151	139022	137010	1.86	cps
Selenium	77-2	157	257	250	221	25.29	cps
Selenium	78-2	828	765	785	793	4.05	cps
Selenium	82-1	4219	4313	4100	4211	2.54	cps
Silicon	28-1	252793	256590	257112	255499	0.92	cps
Silver	109-1	260518	261049	258728	260098	0.47	cps
Silver	107-1	268967	270759	271269	270332	0.45	cps
Sodium	23-2	1095902	1103999	1101288	1100396	0.37	cps
Strontium	86-1	75365	75733	76127	75742	0.50	cps
Strontium	88-1	654703	662813	655050	657522	0.70	cps
Sulfur	34-1	214742	211548	213534	213275	0.76	cps
Terbium	159-1	6216124	6257825	6312442	6262130	0.77	cps
Terbium	159-2	3531426	3445704	3541272	3506134	1.50	cps
Thallium	203-1	257899	258873	263022	259931	1.05	cps
Thallium	205-1	619244	626980	626097	624107	0.68	cps
Thorium	232-1	1013328	1020665	1023942	1019312	0.53	cps
Tin	118-1	188809	193503	189730	190681	1.30	cps
Titanium	47-1	163783	164178	162668	163543	0.48	cps
Uranium	238-1	938327	955936	958727	950997	1.16	cps
Vanadium	51-2	56678	57883	57123	57228	1.06	cps
Yttrium	89-1	4544173	4616064	4609062	4589766	0.86	cps
Yttrium	89-2	766635	738857	761882	755791	1.97	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:37:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22200	22414	22271	22295	0.49	cps
Zirconium	90-1	387604	389954	383940	387166	0.78	cps
Zirconium	91-1	88473	86494	87567	87512	1.13	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 16:46:00 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123094	122876	121768	122579	0.58	cps
Antimony	121-1	553340	545305	540302	546316	1.20	cps
Arsenic	75-2	17512	17257	17722	17497	1.33	cps
Barium	135-1	762894	753729	747981	754868	1.00	cps
Barium	137-1	1311784	1304733	1299713	1305410	0.46	cps
Beryllium	9-1	136274	135037	132955	134755	1.24	cps
Bismuth	209-1	4237422	4199144	4154579	4197048	0.99	cps
Bismuth	209-2	2666585	2666141	2666002	2666242	0.01	cps
Boron	10-1	19622	19280	19905	19602	1.60	cps
Boron	11-1	86187	87688	87437	87104	0.92	cps
Cadmium	111-1	143369	140855	139240	141155	1.47	cps
Cadmium	106-1	18613	19047	18337	18666	1.92	cps
Cadmium	108-1	11388	11288	11205	11294	0.81	cps
Calcium	43-1	185618	182107	180647	182791	1.40	cps
Calcium	44-1	3015304	2968962	2935757	2973341	1.34	cps
Chromium	52-2	167987	165540	166595	166707	0.74	cps
Cobalt	59-2	249200	249602	249764	249522	0.12	cps
Copper	63-2	327897	329660	327899	328485	0.31	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	17	13	23	18	28.64	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	33	0	42	25	88.19	cps
Gadolinium	160-2	100	87	130	106	21.02	cps
Holmium	165-1	6063737	6051532	6000167	6038479	0.56	cps
Holmium	165-2	3506747	3476257	3498252	3493752	0.45	cps
Indium	115-1	4150288	4095280	4059053	4101541	1.12	cps
Indium	115-2	954174	953560	951307	953014	0.16	cps
Iron	56-2	6957366	6885268	6895966	6912867	0.56	cps
Iron	57-2	179743	176604	176598	177648	1.02	cps
Krypton	83-1	153	153	117	141	15.00	cps
Lead	206-1	546303	548938	545153	546798	0.35	cps
Lead	207-1	501030	499794	492233	497686	0.96	cps
Lead	208-1	2242241	2226274	2220349	2229621	0.51	cps
Lithium	6-1	1469396	1451626	1439486	1453503	1.03	cps
Magnesium	24-2	1377285	1361572	1373939	1370932	0.60	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:46:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215196	214425	215278	214966	0.22	cps
Molybdenum	94-1	1154764	1130988	1134297	1140016	1.13	cps
Molybdenum	95-1	1396847	1378508	1363912	1379756	1.20	cps
Molybdenum	96-1	1558198	1534639	1515836	1536224	1.38	cps
Molybdenum	97-1	871683	866282	854562	864176	1.01	cps
Molybdenum	98-1	2242840	2228623	2208948	2226804	0.76	cps
Neodymium	150-1	80	60	87	76	18.37	cps
Neodymium	150-2	23	17	7	16	53.90	cps
Nickel	60-2	62405	62171	63085	62554	0.76	cps
Phosphorus	31-2	6051	6744	6218	6338	5.70	cps
Potassium	39-2	703456	695573	702187	700405	0.60	cps
Rhodium	103-1	3690213	3644401	3626036	3653550	0.90	cps
Rhodium	103-2	1823536	1820582	1825835	1823317	0.14	cps
Scandium	45-1	2841810	2782931	2768080	2797607	1.39	cps
Scandium	45-2	130468	129775	129571	129938	0.36	cps
Selenium	77-2	593	557	503	551	8.21	cps
Selenium	78-2	1719	1872	1765	1785	4.42	cps
Selenium	82-1	10357	10536	10345	10413	1.03	cps
Silicon	28-1	457136	460312	454248	457232	0.66	cps
Silver	109-1	650354	637068	644983	644135	1.04	cps
Silver	107-1	679573	668718	670255	672849	0.87	cps
Sodium	23-2	2651973	2628782	2635982	2638913	0.45	cps
Strontium	86-1	187246	184696	184705	185549	0.79	cps
Strontium	88-1	1663963	1620798	1613933	1632898	1.66	cps
Sulfur	34-1	229744	225863	224904	226837	1.13	cps
Terbium	159-1	6292339	6292201	6229319	6271287	0.58	cps
Terbium	159-2	3406663	3440151	3443897	3430237	0.60	cps
Thallium	203-1	672497	670237	660514	667750	0.95	cps
Thallium	205-1	1609546	1605309	1593578	1602811	0.52	cps
Thorium	232-1	2660584	2642378	2638018	2646993	0.45	cps
Tin	118-1	472315	472325	469049	471229	0.40	cps
Titanium	47-1	401464	397777	391062	396768	1.33	cps
Uranium	238-1	2597552	2602622	2581715	2593963	0.42	cps
Vanadium	51-2	137752	138194	137924	137957	0.16	cps
Yttrium	89-1	4549683	4516439	4464529	4510217	0.95	cps
Yttrium	89-2	720189	720943	718650	719927	0.16	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:46:00	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	54940	54839	55047	54942	0.19	cps
Zirconium	90-1	983426	977846	965068	975447	0.96	cps
Zirconium	91-1	221810	218094	216605	218836	1.22	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:49:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233554	228581	228776	230304	1.22	cps
Antimony	121-1	1030807	1034844	1035672	1033774	0.25	cps
Arsenic	75-2	33613	33472	33563	33549	0.21	cps
Barium	135-1	1416994	1425131	1418982	1420369	0.30	cps
Barium	137-1	2458510	2461155	2467483	2462383	0.19	cps
Beryllium	9-1	246743	246203	245857	246268	0.18	cps
Bismuth	209-1	4128299	4155528	4155367	4146398	0.38	cps
Bismuth	209-2	2603293	2609998	2601699	2604997	0.17	cps
Boron	10-1	35877	37113	36387	36459	1.70	cps
Boron	11-1	158573	161555	162196	160774	1.20	cps
Cadmium	111-1	263981	266418	265520	265306	0.46	cps
Cadmium	106-1	33098	33799	33599	33499	1.08	cps
Cadmium	108-1	21425	22088	21329	21614	1.91	cps
Calcium	43-1	338936	339163	337348	338483	0.29	cps
Calcium	44-1	5429120	5439138	5453296	5440518	0.22	cps
Chromium	52-2	311803	314451	311176	312477	0.56	cps
Cobalt	59-2	469338	469546	468587	469157	0.11	cps
Copper	63-2	601139	605788	603608	603512	0.39	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Dysprosium	156-2	27	33	57	39	40.51	cps
Erbium	164-1	58	25	8	31	83.33	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	107	93	93	98	7.87	cps
Holmium	165-1	5932660	5967424	5975539	5958541	0.38	cps
Holmium	165-2	3455777	3462591	3442830	3453733	0.29	cps
Indium	115-1	3997503	3980774	3973350	3983876	0.31	cps
Indium	115-2	933079	931085	933516	932560	0.14	cps
Iron	56-2	13141393	13033404	13033637	13069478	0.48	cps
Iron	57-2	335439	332857	334388	334228	0.39	cps
Krypton	83-1	113	100	160	124	25.32	cps
Lead	206-1	1044595	1052929	1054870	1050798	0.52	cps
Lead	207-1	956760	964374	963402	961512	0.43	cps
Lead	208-1	4260579	4310819	4298199	4289866	0.61	cps
Lithium	6-1	1379799	1379294	1370975	1376689	0.36	cps
Magnesium	24-2	2550015	2553924	2536758	2546899	0.35	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:49:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	398845	395733	396495	397024	0.41	cps
Molybdenum	94-1	2111547	2124279	2139849	2125225	0.67	cps
Molybdenum	95-1	2579067	2592393	2599818	2590426	0.41	cps
Molybdenum	96-1	2874341	2891580	2881607	2882510	0.30	cps
Molybdenum	97-1	1618714	1627962	1626026	1624234	0.30	cps
Molybdenum	98-1	4145840	4160514	4159840	4155398	0.20	cps
Neodymium	150-1	100	133	113	116	14.52	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	116897	116393	116092	116461	0.35	cps
Phosphorus	31-2	11955	11864	11005	11608	4.52	cps
Potassium	39-2	1316691	1308239	1310392	1311774	0.33	cps
Rhodium	103-1	3507237	3514706	3494283	3505408	0.29	cps
Rhodium	103-2	1778337	1774345	1771557	1774746	0.19	cps
Scandium	45-1	2642041	2641064	2634916	2639340	0.15	cps
Scandium	45-2	125687	125821	125153	125554	0.28	cps
Selenium	77-2	1063	1073	1023	1053	2.51	cps
Selenium	78-2	3473	3291	3502	3422	3.34	cps
Selenium	82-1	19384	19646	19642	19557	0.77	cps
Silicon	28-1	829937	836163	842984	836361	0.78	cps
Silver	109-1	1184404	1194744	1190433	1189860	0.44	cps
Silver	107-1	1245175	1256288	1237870	1246444	0.74	cps
Sodium	23-2	4941659	4910487	4905338	4919162	0.40	cps
Strontium	86-1	353230	353965	353804	353666	0.11	cps
Strontium	88-1	3069938	3067466	3072253	3069886	0.08	cps
Sulfur	34-1	269342	269053	269832	269409	0.15	cps
Terbium	159-1	6134029	6173872	6145008	6150970	0.33	cps
Terbium	159-2	3408728	3392863	3399562	3400384	0.23	cps
Thallium	203-1	1272307	1280742	1291035	1281361	0.73	cps
Thallium	205-1	3030760	3080633	3084743	3065378	0.98	cps
Thorium	232-1	5119500	5155098	5149245	5141281	0.37	cps
Tin	118-1	898941	899473	895679	898031	0.23	cps
Titanium	47-1	737374	736637	736504	736839	0.06	cps
Uranium	238-1	4751317	4822888	4758287	4777497	0.83	cps
Vanadium	51-2	259760	260561	263050	261124	0.66	cps
Yttrium	89-1	4372206	4360161	4389047	4373805	0.33	cps
Yttrium	89-2	709513	707180	709591	708761	0.19	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:49:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	99482	100247	100788	100173	0.66	cps
Zirconium	90-1	1814280	1826731	1830439	1823817	0.46	cps
Zirconium	91-1	407243	409227	408819	408430	0.26	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:53:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	455265	452679	459355	455766	0.74	cps
Antimony	121-1	2034226	2049072	2063665	2048988	0.72	cps
Arsenic	75-2	66503	66507	66339	66450	0.14	cps
Barium	135-1	2812404	2818402	2847407	2826071	0.66	cps
Barium	137-1	4908889	4914623	4938959	4920824	0.32	cps
Beryllium	9-1	476822	481810	481180	479937	0.57	cps
Bismuth	209-1	4096866	4100556	4099714	4099045	0.05	cps
Bismuth	209-2	2592926	2594133	2607205	2598088	0.30	cps
Boron	10-1	69895	72633	72868	71799	2.30	cps
Boron	11-1	308550	315587	321544	315227	2.06	cps
Cadmium	111-1	515261	520527	519711	518500	0.55	cps
Cadmium	106-1	63501	65938	63761	64400	2.08	cps
Cadmium	108-1	42301	42931	42898	42710	0.83	cps
Calcium	43-1	671502	666153	670366	669340	0.42	cps
Calcium	44-1	10697522	10774511	10817330	10763121	0.56	cps
Chromium	52-2	618418	616682	619353	618151	0.22	cps
Cobalt	59-2	924079	917399	923447	921642	0.40	cps
Copper	63-2	1175764	1185516	1181734	1181005	0.42	cps
Dysprosium	156-1	58	50	17	42	52.91	cps
Dysprosium	156-2	50	57	73	60	20.03	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	33	25	58	39	44.62	cps
Gadolinium	160-2	117	100	103	107	8.27	cps
Holmium	165-1	5981574	5959891	6014951	5985472	0.46	cps
Holmium	165-2	3494878	3475599	3502666	3491048	0.40	cps
Indium	115-1	3912815	3953226	3957122	3941054	0.62	cps
Indium	115-2	922033	914232	921193	919153	0.47	cps
Iron	56-2	25969349	26008335	25891976	25956553	0.23	cps
Iron	57-2	660524	659669	664478	661557	0.39	cps
Krypton	83-1	137	160	77	124	34.54	cps
Lead	206-1	2064799	2068841	2077461	2070367	0.31	cps
Lead	207-1	1890515	1894060	1905660	1896745	0.42	cps
Lead	208-1	8425370	8442262	8466231	8444621	0.24	cps
Lithium	6-1	1352300	1355956	1359891	1356049	0.28	cps
Magnesium	24-2	5032333	5026327	5028896	5029185	0.06	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:53:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	788122	793136	789343	790200	0.33	cps
Molybdenum	94-1	4233125	4229637	4247135	4236632	0.22	cps
Molybdenum	95-1	5126153	5115162	5143084	5128133	0.27	cps
Molybdenum	96-1	5709121	5718488	5725527	5717712	0.14	cps
Molybdenum	97-1	3193222	3189397	3213101	3198573	0.40	cps
Molybdenum	98-1	8336130	8352247	8447434	8378603	0.72	cps
Neodymium	150-1	260	293	347	300	14.57	cps
Neodymium	150-2	40	37	40	39	4.94	cps
Nickel	60-2	228248	230985	229185	229473	0.61	cps
Phosphorus	31-2	24312	23394	23870	23859	1.92	cps
Potassium	39-2	2600761	2614798	2624595	2613385	0.46	cps
Rhodium	103-1	3427055	3418847	3444506	3430136	0.38	cps
Rhodium	103-2	1741421	1750444	1750949	1747605	0.31	cps
Scandium	45-1	2639893	2626841	2634097	2633610	0.25	cps
Scandium	45-2	125667	126813	126568	126350	0.48	cps
Selenium	77-2	1960	1957	1957	1958	0.10	cps
Selenium	78-2	6909	6839	6678	6808	1.74	cps
Selenium	82-1	38740	38387	38951	38693	0.74	cps
Silicon	28-1	1554857	1571629	1594756	1573747	1.27	cps
Silver	109-1	2321527	2334824	2329919	2328757	0.29	cps
Silver	107-1	2417498	2429179	2446287	2430988	0.60	cps
Sodium	23-2	9811370	9797823	9841688	9816960	0.23	cps
Strontium	86-1	698889	701218	701996	700701	0.23	cps
Strontium	88-1	6112927	6105642	6156729	6125099	0.45	cps
Sulfur	34-1	383510	383798	385978	384429	0.35	cps
Terbium	159-1	6177697	6211608	6228502	6205936	0.42	cps
Terbium	159-2	3419814	3402615	3425928	3416119	0.35	cps
Thallium	203-1	2531511	2537932	2551551	2540331	0.40	cps
Thallium	205-1	6106342	6119512	6138632	6121495	0.27	cps
Thorium	232-1	10306992	10306665	10373036	10328898	0.37	cps
Tin	118-1	1779983	1784791	1794370	1786381	0.41	cps
Titanium	47-1	1450696	1458221	1459619	1456179	0.33	cps
Uranium	238-1	9653227	9638811	9628640	9640226	0.13	cps
Vanadium	51-2	518373	517117	523436	519642	0.64	cps
Yttrium	89-1	4348576	4325815	4342886	4339092	0.27	cps
Yttrium	89-2	705129	705195	706482	705602	0.11	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:53:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	196314	197618	195066	196333	0.65	cps
Zirconium	90-1	3617269	3615247	3658970	3630495	0.68	cps
Zirconium	91-1	810854	810499	817781	813045	0.51	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 16:57:33 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	887068	894152	897505	892908	0.60	cps
Antimony	121-1	4030029	4045838	4032142	4036003	0.21	cps
Arsenic	75-2	128186	130798	130677	129887	1.13	cps
Barium	135-1	5613054	5664918	5600498	5626156	0.61	cps
Barium	137-1	9829647	9902731	9844560	9858980	0.39	cps
Beryllium	9-1	930972	934955	923784	929904	0.61	cps
Bismuth	209-1	4016804	4031602	4012600	4020335	0.25	cps
Bismuth	209-2	2522023	2571170	2569981	2554391	1.10	cps
Boron	10-1	135797	141205	143962	140321	2.96	cps
Boron	11-1	606291	617501	623265	615685	1.40	cps
Cadmium	111-1	1064446	1069116	1061560	1065041	0.36	cps
Cadmium	106-1	131321	131833	130615	131256	0.47	cps
Cadmium	108-1	87284	86646	88378	87436	1.00	cps
Calcium	43-1	1317300	1331347	1320044	1322897	0.56	cps
Calcium	44-1	21381918	21473648	21283894	21379820	0.44	cps
Chromium	52-2	1197844	1220535	1208287	1208889	0.94	cps
Cobalt	59-2	1777548	1793207	1793110	1787955	0.50	cps
Copper	63-2	2480663	2511130	2510677	2500823	0.70	cps
Dysprosium	156-1	42	58	58	53	18.23	cps
Dysprosium	156-2	107	130	140	126	13.62	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	8	100	25	44	109.87	cps
Gadolinium	160-2	107	133	93	111	18.33	cps
Holmium	165-1	6024989	6085234	6037102	6049108	0.53	cps
Holmium	165-2	3472867	3509319	3519827	3500671	0.70	cps
Indium	115-1	3853777	3858091	3846764	3852877	0.15	cps
Indium	115-2	888132	898288	899869	895430	0.71	cps
Iron	56-2	50567548	51152562	50924986	50881699	0.58	cps
Iron	57-2	1284100	1296016	1296478	1292198	0.54	cps
Krypton	83-1	143	123	100	122	17.75	cps
Lead	206-1	4068154	4074185	4084941	4075760	0.21	cps
Lead	207-1	3742084	3755285	3747826	3748398	0.18	cps
Lead	208-1	16738813	16799931	16829826	16789523	0.28	cps
Lithium	6-1	1336608	1344774	1335711	1339031	0.37	cps
Magnesium	24-2	9851783	9975566	9963168	9930173	0.69	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 16:57:33 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1553987	1582214	1578823	1571675	0.98	cps
Molybdenum	94-1	8480437	8488143	8479863	8482814	0.05	cps
Molybdenum	95-1	10186567	10233122	10215775	10211821	0.23	cps
Molybdenum	96-1	11347445	11457149	11424390	11409661	0.49	cps
Molybdenum	97-1	6370247	6451420	6425684	6415784	0.65	cps
Molybdenum	98-1	16593774	16761343	16695466	16683528	0.51	cps
Neodymium	150-1	593	653	533	593	10.11	cps
Neodymium	150-2	47	50	37	44	15.61	cps
Nickel	60-2	438090	445630	442521	442080	0.86	cps
Phosphorus	31-2	46039	45830	45604	45824	0.47	cps
Potassium	39-2	5047108	5110712	5071683	5076501	0.63	cps
Rhodium	103-1	3322700	3340961	3317091	3326917	0.38	cps
Rhodium	103-2	1690178	1705239	1712503	1702640	0.67	cps
Scandium	45-1	2602312	2619760	2603581	2608551	0.37	cps
Scandium	45-2	123456	125808	124749	124671	0.95	cps
Selenium	77-2	3981	3734	3994	3903	3.75	cps
Selenium	78-2	12880	12978	13160	13006	1.09	cps
Selenium	82-1	75314	75717	75212	75414	0.35	cps
Silicon	28-1	2792820	2855652	2841480	2829984	1.16	cps
Silver	109-1	4775818	4812389	4791283	4793163	0.38	cps
Silver	107-1	5008723	5033578	5039250	5027184	0.32	cps
Sodium	23-2	19112168	19398154	19332673	19280999	0.78	cps
Strontium	86-1	1383332	1393681	1380406	1385806	0.50	cps
Strontium	88-1	12064117	12059799	12064281	12062732	0.02	cps
Sulfur	34-1	609725	617044	612499	613090	0.60	cps
Terbium	159-1	6212648	6257211	6247806	6239222	0.38	cps
Terbium	159-2	3394781	3457821	3447452	3433351	0.98	cps
Thallium	203-1	5077694	5095753	5075039	5082829	0.22	cps
Thallium	205-1	12226548	12262573	12192651	12227257	0.29	cps
Thorium	232-1	20925476	21037565	20835296	20932779	0.48	cps
Tin	118-1	3498028	3494395	3476221	3489548	0.33	cps
Titanium	47-1	2888837	2907441	2878154	2891477	0.51	cps
Uranium	238-1	20608621	20659021	20563755	20610466	0.23	cps
Vanadium	51-2	1013819	1030584	1026162	1023522	0.85	cps
Yttrium	89-1	4296309	4307843	4298442	4300865	0.14	cps
Yttrium	89-2	701093	706623	707531	705083	0.49	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 16:57:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	415034	419823	416674	417177	0.58	cps
Zirconium	90-1	7182335	7265555	7223744	7223878	0.58	cps
Zirconium	91-1	1614240	1618803	1616466	1616503	0.14	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:01:20	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4429316	4455465	4456547	4447109	0.35	cps
Antimony	121-1	5443	6127	6026	5865	6.29	cps
Arsenic	75-2	154	191	181	175	10.99	cps
Barium	135-1	1142	1167	1075	1128	4.20	cps
Barium	137-1	2000	1950	1959	1970	1.36	cps
Beryllium	9-1	310	247	297	284	11.74	cps
Bismuth	209-1	3475258	3467078	3421474	3454603	0.84	cps
Bismuth	209-2	2168542	2173811	2179358	2173904	0.25	cps
Boron	10-1	7486	6702	6618	6935	6.90	cps
Boron	11-1	30958	30147	26683	29263	7.76	cps
Cadmium	111-1	349	260	312	307	14.60	cps
Cadmium	106-1	1900	1725	1717	1781	5.82	cps
Cadmium	108-1	38	42	33	38	11.12	cps
Calcium	43-1	6143620	6215911	6169238	6176256	0.59	cps
Calcium	44-1	100150806	100934094	100408017	100497639	0.40	cps
Chromium	52-2	9130	9050	8749	8976	2.23	cps
Cobalt	59-2	20675	19980	19680	20112	2.54	cps
Copper	63-2	2930	2804	2950	2895	2.75	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	17	27	27	23	24.74	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	3	27	17	16	75.27	cps
Gadolinium	160-1	75	100	83	86	14.78	cps
Gadolinium	160-2	127	137	153	139	9.70	cps
Holmium	165-1	5589717	5622055	5575652	5595808	0.43	cps
Holmium	165-2	3224671	3241331	3256578	3240860	0.49	cps
Indium	115-1	3511939	3507478	3479906	3499774	0.50	cps
Indium	115-2	835427	839470	846534	840477	0.67	cps
Iron	56-2	234890083	234938166	235214622	235014290	0.07	cps
Iron	57-2	5851145	5889802	5849289	5863412	0.39	cps
Krypton	83-1	113	130	153	132	15.20	cps
Lead	206-1	4479	4473	4340	4431	1.78	cps
Lead	207-1	4112	3990	3567	3890	7.35	cps
Lead	208-1	17761	17850	17622	17744	0.65	cps
Lithium	6-1	1266516	1278215	1279976	1274902	0.57	cps
Magnesium	24-2	47433691	47801921	48125366	47786992	0.72	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:01:20	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6058	6155	6165	6126	0.96	cps
Molybdenum	94-1	5318	4884	4776	4993	5.74	cps
Molybdenum	95-1	7486	7811	7227	7508	3.90	cps
Molybdenum	96-1	10463	10646	9804	10304	4.30	cps
Molybdenum	97-1	4684	4351	4117	4384	6.50	cps
Molybdenum	98-1	12005	11538	10805	11449	5.29	cps
Neodymium	150-1	87	100	93	93	7.14	cps
Neodymium	150-2	17	37	40	31	40.56	cps
Nickel	60-2	5258	5064	5218	5180	1.97	cps
Phosphorus	31-2	100	175	125	133	28.64	cps
Potassium	39-2	24443222	24603903	24743817	24596981	0.61	cps
Rhodium	103-1	2908719	2916260	2879819	2901599	0.66	cps
Rhodium	103-2	1482042	1496165	1501383	1493197	0.67	cps
Scandium	45-1	2435648	2461235	2452251	2449711	0.53	cps
Scandium	45-2	122245	122710	123156	122704	0.37	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	28	43	22	31	34.12	cps
Selenium	82-1	110	64	16	63	74.57	cps
Silicon	28-1	367860	384453	390249	380854	3.05	cps
Silver	109-1	575	558	525	553	4.61	cps
Silver	107-1	567	725	525	606	17.43	cps
Sodium	23-2	93838746	94187638	94754369	94260251	0.49	cps
Strontium	86-1	5435	5310	5635	5460	3.00	cps
Strontium	88-1	47212	47312	46326	46950	1.16	cps
Sulfur	34-1	140658	143106	145740	143168	1.78	cps
Terbium	159-1	5793332	5765496	5739570	5766133	0.47	cps
Terbium	159-2	3148493	3153936	3178073	3160167	0.50	cps
Thallium	203-1	1909	1734	1483	1709	12.50	cps
Thallium	205-1	4759	3984	3751	4165	12.68	cps
Thorium	232-1	6268	6107	5257	5877	9.25	cps
Tin	118-1	2842	2850	2709	2800	2.84	cps
Titanium	47-1	1333	1350	1475	1386	5.59	cps
Uranium	238-1	2900	2550	2359	2603	10.55	cps
Vanadium	51-2	197	203	183	194	5.24	cps
Yttrium	89-1	4001935	4001151	3966192	3989760	0.51	cps
Yttrium	89-2	661983	663421	668464	664623	0.51	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:01:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3027	3144	3000	3057	2.49	cps
Zirconium	90-1	2217	2675	2534	2475	9.48	cps
Zirconium	91-1	550	517	492	519	5.63	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:11:50	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24320	23978	23494	23931	1.73	cps
Antimony	121-1	837648	829926	828590	832055	0.59	cps
Arsenic	75-2	28027	27535	27706	27756	0.90	cps
Barium	135-1	118225	118174	115997	117466	1.08	cps
Barium	137-1	206252	204291	203156	204566	0.77	cps
Beryllium	9-1	108416	106580	105358	106785	1.44	cps
Bismuth	209-1	4394658	4575641	4439990	4470096	2.11	cps
Bismuth	209-2	2772080	2765698	2796188	2777989	0.58	cps
Boron	10-1	1533	1383	1575	1497	6.73	cps
Boron	11-1	6868	6527	6260	6552	4.66	cps
Cadmium	111-1	111434	109349	111950	110911	1.24	cps
Cadmium	106-1	12264	11880	11855	12000	1.91	cps
Cadmium	108-1	9558	9749	9257	9521	2.60	cps
Calcium	43-1	30808	29505	29956	30090	2.20	cps
Calcium	44-1	492083	489242	480667	487331	1.22	cps
Chromium	52-2	131443	130312	129149	130301	0.88	cps
Cobalt	59-2	200182	200330	197693	199401	0.74	cps
Copper	63-2	132294	132049	131696	132013	0.23	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	58	33	36	58.08	cps
Erbium	164-2	13	23	60	32	76.26	cps
Gadolinium	160-1	17	0	50	22	114.56	cps
Gadolinium	160-2	130	123	113	122	6.86	cps
Holmium	165-1	6265931	6612399	6330740	6403023	2.88	cps
Holmium	165-2	3616513	3624697	3629462	3623557	0.18	cps
Indium	115-1	4412158	4545408	4376956	4444841	2.00	cps
Indium	115-2	1013148	1012231	1008618	1011332	0.24	cps
Iron	56-2	1138770	1138564	1138943	1138759	0.02	cps
Iron	57-2	28845	28662	28695	28734	0.34	cps
Krypton	83-1	120	137	147	134	10.02	cps
Lead	206-1	864854	855407	858621	859627	0.56	cps
Lead	207-1	758226	750168	751335	753243	0.58	cps
Lead	208-1	3451843	3411770	3428535	3430716	0.59	cps
Lithium	6-1	1624560	1661655	1604463	1630226	1.78	cps
Magnesium	24-2	137181	134783	135423	135796	0.91	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:11:50	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83824	83328	82751	83301	0.64	cps
Molybdenum	94-1	3033951	3002201	2983594	3006582	0.85	cps
Molybdenum	95-1	5335394	5284357	5266515	5295422	0.68	cps
Molybdenum	96-1	5724485	5687978	5645965	5686143	0.69	cps
Molybdenum	97-1	3297630	3271119	3246778	3271842	0.78	cps
Molybdenum	98-1	8658840	8610636	8560360	8609945	0.57	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50306	50631	50062	50333	0.57	cps
Phosphorus	31-2	142	92	117	117	21.43	cps
Potassium	39-2	229558	229845	232748	230717	0.76	cps
Rhodium	103-1	3936719	4055359	3905442	3965840	1.99	cps
Rhodium	103-2	1946191	1941477	1949217	1945628	0.20	cps
Scandium	45-1	3069603	3197311	3034073	3100329	2.77	cps
Scandium	45-2	139714	139813	140021	139849	0.11	cps
Selenium	77-2	837	790	800	809	3.04	cps
Selenium	78-2	2780	2886	2904	2856	2.34	cps
Selenium	82-1	16995	16679	16624	16766	1.20	cps
Silicon	28-1	113789	117055	119222	116689	2.34	cps
Silver	109-1	504167	502363	500153	502228	0.40	cps
Silver	107-1	536215	522856	528456	529176	1.27	cps
Sodium	23-2	435889	433498	430793	433393	0.59	cps
Strontium	86-1	3567	3442	3617	3542	2.55	cps
Strontium	88-1	31301	30350	30817	30823	1.54	cps
Sulfur	34-1	177345	170969	169074	172463	2.51	cps
Terbium	159-1	6571540	6872929	6607926	6684132	2.46	cps
Terbium	159-2	3556570	3553138	3574398	3561369	0.32	cps
Thallium	203-1	1048251	1038801	1049266	1045439	0.55	cps
Thallium	205-1	2508888	2501884	2505387	2505386	0.14	cps
Thorium	232-1	2067	2000	2006	2024	1.83	cps
Tin	118-1	425	508	408	447	11.98	cps
Titanium	47-1	1607981	1567669	1558773	1578141	1.66	cps
Uranium	238-1	458	350	317	375	19.75	cps
Vanadium	51-2	108461	109438	107353	108418	0.96	cps
Yttrium	89-1	4872163	5015673	4802276	4896704	2.22	cps
Yttrium	89-2	769519	768671	764412	767534	0.36	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:11:50	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43725	43411	43227	43455	0.58	cps
Zirconium	90-1	2125	1942	1917	1995	5.70	cps
Zirconium	91-1	667	725	583	658	10.82	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 17:24:15 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	117	133	122	7.87	cps
Antimony	121-1	267	250	250	256	3.77	cps
Arsenic	75-2	2	9	2	4	99.03	cps
Barium	135-1	92	92	100	94	5.09	cps
Barium	137-1	225	158	158	181	21.32	cps
Beryllium	9-1	150	113	103	122	20.10	cps
Bismuth	209-1	4391480	4337350	4338303	4355711	0.71	cps
Bismuth	209-2	2833641	2832413	2841444	2835833	0.17	cps
Boron	10-1	875	983	883	914	6.60	cps
Boron	11-1	4051	4192	3459	3901	9.98	cps
Cadmium	111-1	105	129	109	114	11.11	cps
Cadmium	106-1	1884	2134	1817	1945	8.59	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	125	167	183	158	18.97	cps
Calcium	44-1	4543	3926	4834	4434	10.46	cps
Chromium	52-2	497	423	433	451	8.81	cps
Cobalt	59-2	50	83	97	77	31.35	cps
Copper	63-2	357	367	353	359	1.93	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	42	33	17	31	41.66	cps
Gadolinium	160-2	127	103	97	109	14.47	cps
Holmium	165-1	6241034	6248980	6252808	6247607	0.10	cps
Holmium	165-2	3676503	3683925	3699949	3686793	0.33	cps
Indium	115-1	4385481	4347979	4380786	4371415	0.47	cps
Indium	115-2	1048689	1051632	1048596	1049639	0.16	cps
Iron	56-2	5607	5229	6129	5655	7.99	cps
Iron	57-2	222	289	200	237	19.52	cps
Krypton	83-1	150	143	103	132	19.09	cps
Lead	206-1	333	306	267	302	11.09	cps
Lead	207-1	272	239	261	257	6.59	cps
Lead	208-1	1195	1200	1095	1163	5.11	cps
Lithium	6-1	1617392	1607308	1618699	1614466	0.39	cps
Magnesium	24-2	1000	825	875	900	10.02	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 17:24:15 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	57	33	43	27.74	cps
Molybdenum	94-1	317	367	417	367	13.64	cps
Molybdenum	95-1	425	408	400	411	3.10	cps
Molybdenum	96-1	533	417	450	467	12.88	cps
Molybdenum	97-1	258	208	258	242	11.95	cps
Molybdenum	98-1	733	592	917	747	21.81	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	43	57	50	13.34	cps
Phosphorus	31-2	108	83	50	81	36.33	cps
Potassium	39-2	10321	10821	10846	10663	2.78	cps
Rhodium	103-1	3975663	3920522	3965108	3953764	0.74	cps
Rhodium	103-2	2028799	2035095	2034431	2032775	0.17	cps
Scandium	45-1	3054901	3029059	3067724	3050561	0.65	cps
Scandium	45-2	148862	147653	145853	147456	1.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	28	37	36	22.93	cps
Selenium	82-1	8	6	10	8	25.93	cps
Silicon	28-1	94070	92217	93374	93220	1.00	cps
Silver	109-1	58	25	58	47	40.76	cps
Silver	107-1	117	83	75	92	24.05	cps
Sodium	23-2	4834	5059	4943	4945	2.28	cps
Strontium	86-1	333	217	233	261	24.16	cps
Strontium	88-1	350	367	392	369	5.68	cps
Sulfur	34-1	191041	186588	190298	189309	1.26	cps
Terbium	159-1	6470192	6524143	6558580	6517638	0.68	cps
Terbium	159-2	3621317	3644273	3654070	3639887	0.46	cps
Thallium	203-1	250	350	342	314	17.68	cps
Thallium	205-1	700	733	800	745	6.84	cps
Thorium	232-1	900	767	806	824	8.32	cps
Tin	118-1	317	283	242	281	13.39	cps
Titanium	47-1	117	83	117	106	18.23	cps
Uranium	238-1	450	208	333	331	36.56	cps
Vanadium	51-2	30	7	27	21	59.77	cps
Yttrium	89-1	4803749	4812315	4847235	4821100	0.48	cps
Yttrium	89-2	803326	795590	803895	800937	0.58	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:24:15	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	180	180	170	177	3.27	cps
Zirconium	90-1	508	400	583	497	18.54	cps
Zirconium	91-1	100	108	92	100	8.33	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 17:27:52 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4213467	4236544	4252584	4234198	0.46	cps
Antimony	121-1	4668	4584	4768	4673	1.96	cps
Arsenic	75-2	57	54	50	54	6.90	cps
Barium	135-1	1859	1750	1817	1809	3.02	cps
Barium	137-1	2959	2900	3176	3012	4.81	cps
Beryllium	9-1	433	400	380	404	6.66	cps
Bismuth	209-1	4001724	3959071	4029684	3996826	0.89	cps
Bismuth	209-2	2505276	2507698	2498187	2503720	0.20	cps
Boron	10-1	1033	733	808	858	18.19	cps
Boron	11-1	3426	3351	3451	3409	1.53	cps
Cadmium	111-1	1363	1193	1222	1260	7.21	cps
Cadmium	106-1	1675	1467	1634	1592	6.93	cps
Cadmium	108-1	1288	1392	1329	1336	3.92	cps
Calcium	43-1	1346461	1342272	1363491	1350741	0.83	cps
Calcium	44-1	21560480	21841875	22061526	21821294	1.15	cps
Chromium	52-2	24748	24958	25228	24978	0.97	cps
Cobalt	59-2	2227	2407	2317	2317	3.89	cps
Copper	63-2	9677	9727	9687	9697	0.27	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	17	8	58	28	96.44	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	167	133	130	143	14.15	cps
Holmium	165-1	6055156	6083593	6128860	6089203	0.61	cps
Holmium	165-2	3521963	3519084	3512530	3517859	0.14	cps
Indium	115-1	3964353	3958321	3997117	3973264	0.53	cps
Indium	115-2	929251	935805	935890	933648	0.41	cps
Iron	56-2	102765200	103890563	103015213	103223659	0.57	cps
Iron	57-2	2565118	2600181	2584027	2583109	0.68	cps
Krypton	83-1	120	113	137	123	9.74	cps
Lead	206-1	19186	19142	19159	19162	0.12	cps
Lead	207-1	15226	15220	15793	15413	2.14	cps
Lead	208-1	72595	72991	73458	73015	0.59	cps
Lithium	6-1	1428283	1432188	1437135	1432535	0.31	cps
Magnesium	24-2	10244106	10316164	10292953	10284407	0.36	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:27:52	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6548	6632	6578	6586	0.64	cps
Molybdenum	94-1	2273461	2283570	2297336	2284789	0.52	cps
Molybdenum	95-1	4008514	4016059	4040371	4021648	0.41	cps
Molybdenum	96-1	4290496	4300067	4325646	4305403	0.42	cps
Molybdenum	97-1	2528863	2533079	2538996	2533646	0.20	cps
Molybdenum	98-1	6480594	6569967	6574996	6541852	0.81	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	2440	2524	2447	2470	1.88	cps
Phosphorus	31-2	229572	228068	230122	229254	0.46	cps
Potassium	39-2	10266390	10305686	10265491	10279189	0.22	cps
Rhodium	103-1	3394716	3409135	3413735	3405862	0.29	cps
Rhodium	103-2	1726454	1737260	1744602	1736105	0.53	cps
Scandium	45-1	2698634	2728853	2740575	2722687	0.79	cps
Scandium	45-2	131037	130182	131466	130895	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	28	28	26	12.38	cps
Selenium	82-1	53	37	15	35	53.92	cps
Silicon	28-1	139671	140462	140327	140154	0.30	cps
Silver	109-1	308	208	367	294	27.20	cps
Silver	107-1	258	275	308	281	9.07	cps
Sodium	23-2	19889516	19984202	19961093	19944937	0.25	cps
Strontium	86-1	47320	48658	48725	48234	1.64	cps
Strontium	88-1	415109	420513	424330	419984	1.10	cps
Sulfur	34-1	2452552	2463584	2495178	2470438	0.90	cps
Terbium	159-1	6241058	6312575	6327860	6293831	0.74	cps
Terbium	159-2	3439505	3469728	3443540	3450925	0.48	cps
Thallium	203-1	658	642	617	639	3.28	cps
Thallium	205-1	1584	1667	1817	1689	7.00	cps
Thorium	232-1	711	750	694	719	3.97	cps
Tin	118-1	792	1008	850	883	12.69	cps
Titanium	47-1	1192778	1192498	1209799	1198358	0.83	cps
Uranium	238-1	708	667	817	731	10.60	cps
Vanadium	51-2	190	217	247	218	13.02	cps
Yttrium	89-1	4440495	4439231	4481728	4453818	0.54	cps
Yttrium	89-2	721133	727685	726806	725208	0.49	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:27:52	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2344	2447	2427	2406	2.28	cps
Zirconium	90-1	425	667	733	608	26.67	cps
Zirconium	91-1	108	100	100	103	4.68	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 17:31:28 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4304964	4282015	4306678	4297886	0.32	cps
Antimony	121-1	86793	86616	87757	87055	0.70	cps
Arsenic	75-2	2634	2706	2621	2653	1.73	cps
Barium	135-1	25683	25683	24506	25291	2.69	cps
Barium	137-1	42742	42716	44949	43469	2.95	cps
Beryllium	9-1	19753	20177	20154	20028	1.19	cps
Bismuth	209-1	3985334	3968144	4017714	3990397	0.63	cps
Bismuth	209-2	2508435	2523382	2525015	2518944	0.36	cps
Boron	10-1	10863	10896	11330	11029	2.36	cps
Boron	11-1	48103	48102	48052	48086	0.06	cps
Cadmium	111-1	21162	21577	21325	21355	0.98	cps
Cadmium	106-1	5518	5201	5676	5465	4.43	cps
Cadmium	108-1	3175	3134	3288	3199	2.49	cps
Calcium	43-1	1384121	1389401	1384777	1386100	0.21	cps
Calcium	44-1	22152407	22245856	22315336	22237866	0.37	cps
Chromium	52-2	51419	50791	50296	50835	1.11	cps
Cobalt	59-2	40369	40232	40215	40272	0.21	cps
Copper	63-2	34511	34170	34371	34350	0.50	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	13	27	16	65.47	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	27	17	37	27	37.50	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	107	83	153	114	31.14	cps
Holmium	165-1	6091263	6132837	6191830	6138643	0.82	cps
Holmium	165-2	3554641	3558407	3560756	3557934	0.09	cps
Indium	115-1	4008844	3995579	4018453	4007625	0.29	cps
Indium	115-2	941985	941112	952560	945219	0.67	cps
Iron	56-2	105626922	105036458	105001266	105221549	0.33	cps
Iron	57-2	2628929	2643364	2631764	2634686	0.29	cps
Krypton	83-1	143	107	167	139	21.78	cps
Lead	206-1	103970	103471	106171	104537	1.37	cps
Lead	207-1	87861	88124	88632	88206	0.44	cps
Lead	208-1	402921	402539	406840	404100	0.59	cps
Lithium	6-1	1428061	1443269	1450206	1440512	0.79	cps
Magnesium	24-2	10466244	10480027	10496118	10480797	0.14	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:31:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22721	22774	22888	22794	0.37	cps
Molybdenum	94-1	2568228	2571676	2574236	2571380	0.12	cps
Molybdenum	95-1	4210685	4242015	4217312	4223337	0.39	cps
Molybdenum	96-1	4547631	4564725	4559519	4557292	0.19	cps
Molybdenum	97-1	2637858	2654338	2640089	2644095	0.34	cps
Molybdenum	98-1	6876344	6889291	6917536	6894390	0.31	cps
Neodymium	150-1	13	33	20	22	45.83	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	11875	12072	11982	11976	0.82	cps
Phosphorus	31-2	236159	231823	236765	234916	1.15	cps
Potassium	39-2	10506052	10447667	10503892	10485870	0.32	cps
Rhodium	103-1	3430877	3446474	3450339	3442563	0.30	cps
Rhodium	103-2	1761199	1758141	1767798	1762379	0.28	cps
Scandium	45-1	2764566	2756010	2759299	2759958	0.16	cps
Scandium	45-2	132536	132297	132550	132461	0.11	cps
Selenium	77-2	67	73	53	64	15.80	cps
Selenium	78-2	300	304	285	296	3.31	cps
Selenium	82-1	1581	1569	1529	1560	1.77	cps
Silicon	28-1	318202	318993	322899	320031	0.79	cps
Silver	109-1	89055	88988	87863	88635	0.76	cps
Silver	107-1	93777	93593	93861	93744	0.15	cps
Sodium	23-2	20249304	20335447	20337071	20307274	0.25	cps
Strontium	86-1	153388	157133	157454	155992	1.45	cps
Strontium	88-1	1363046	1361579	1357779	1360801	0.20	cps
Sulfur	34-1	2518878	2530042	2532712	2527211	0.29	cps
Terbium	159-1	6338014	6368230	6427163	6377802	0.71	cps
Terbium	159-2	3467510	3472912	3488900	3476441	0.32	cps
Thallium	203-1	102417	102132	104955	103168	1.51	cps
Thallium	205-1	250506	243163	248703	247457	1.55	cps
Thorium	232-1	6702	6735	6785	6741	0.62	cps
Tin	118-1	223111	220258	223539	222303	0.80	cps
Titanium	47-1	1257053	1261775	1262303	1260377	0.23	cps
Uranium	238-1	1249148	1253378	1251180	1251235	0.17	cps
Vanadium	51-2	20778	21105	21436	21106	1.56	cps
Yttrium	89-1	4481646	4508405	4497066	4495706	0.30	cps
Yttrium	89-2	735088	735454	735442	735328	0.03	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:31:28	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6412	6428	6515	6452	0.86	cps
Zirconium	90-1	457685	464947	458879	460504	0.85	cps
Zirconium	91-1	104806	103507	103120	103811	0.85	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P7
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:35:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2558459	2577527	2563905	2566630	0.38	cps
Antimony	121-1	2026606	2025892	2013733	2022077	0.36	cps
Arsenic	75-2	69973	69848	69952	69924	0.10	cps
Barium	135-1	2872110	2865790	2847551	2861817	0.45	cps
Barium	137-1	4999265	4970293	4995138	4988232	0.31	cps
Beryllium	9-1	499461	498253	498984	498900	0.12	cps
Bismuth	209-1	3845954	3870159	3843638	3853250	0.38	cps
Bismuth	209-2	2398879	2421969	2417007	2412618	0.50	cps
Boron	10-1	73035	75020	76116	74724	2.09	cps
Boron	11-1	321539	326025	332472	326679	1.68	cps
Cadmium	111-1	550124	552972	549315	550804	0.35	cps
Cadmium	106-1	68825	66875	66557	67419	1.82	cps
Cadmium	108-1	45310	45143	44591	45015	0.84	cps
Calcium	43-1	3372285	3340758	3345418	3352820	0.51	cps
Calcium	44-1	54237760	54133310	53971451	54114173	0.25	cps
Chromium	52-2	633923	638344	637108	636458	0.36	cps
Cobalt	59-2	926952	935849	935995	932932	0.56	cps
Copper	63-2	1254485	1266024	1265222	1261911	0.51	cps
Dysprosium	156-1	42	42	75	53	36.46	cps
Dysprosium	156-2	93	107	53	84	32.87	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	107	133	107	116	13.32	cps
Holmium	165-1	6020422	6093993	5995484	6036633	0.85	cps
Holmium	165-2	3435261	3492857	3455079	3461066	0.85	cps
Indium	115-1	3866569	3874836	3844713	3862039	0.40	cps
Indium	115-2	895775	917953	902283	905337	1.26	cps
Iron	56-2	127061761	127862842	128007120	127643907	0.40	cps
Iron	57-2	3229210	3252718	3262489	3248139	0.53	cps
Krypton	83-1	143	130	190	154	20.40	cps
Lead	206-1	2040280	2007865	2012290	2020145	0.87	cps
Lead	207-1	1856654	1854702	1850160	1853839	0.18	cps
Lead	208-1	8281763	8244590	8215271	8247208	0.40	cps
Lithium	6-1	1410276	1414781	1420508	1415189	0.36	cps
Magnesium	24-2	25502975	25687047	25675012	25621678	0.40	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P7
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:35:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	798288	807811	804839	803646	0.61	cps
Molybdenum	94-1	4376370	4344345	4307511	4342742	0.79	cps
Molybdenum	95-1	5298324	5248160	5248754	5265079	0.55	cps
Molybdenum	96-1	5923331	5906564	5863875	5897923	0.52	cps
Molybdenum	97-1	3300361	3273207	3261415	3278328	0.61	cps
Molybdenum	98-1	8645107	8612778	8574149	8610678	0.41	cps
Neodymium	150-1	333	353	347	344	2.96	cps
Neodymium	150-2	30	53	43	42	27.72	cps
Nickel	60-2	224802	228884	230018	227901	1.20	cps
Phosphorus	31-2	23645	24546	23377	23856	2.57	cps
Potassium	39-2	13286451	13302756	13295106	13294771	0.06	cps
Rhodium	103-1	3292521	3267226	3271432	3277060	0.41	cps
Rhodium	103-2	1660178	1683656	1673215	1672350	0.70	cps
Scandium	45-1	2723815	2705758	2692083	2707219	0.59	cps
Scandium	45-2	131066	132752	129930	131249	1.08	cps
Selenium	77-2	2047	2200	1987	2078	5.30	cps
Selenium	78-2	6842	6941	6918	6900	0.75	cps
Selenium	82-1	40091	39346	40094	39844	1.08	cps
Silicon	28-1	1643043	1663991	1681903	1662979	1.17	cps
Silver	109-1	2442173	2425370	2415299	2427614	0.56	cps
Silver	107-1	2558900	2530295	2504691	2531295	1.07	cps
Sodium	23-2	50252319	50346880	50644464	50414554	0.41	cps
Strontium	86-1	721963	712601	715941	716835	0.66	cps
Strontium	88-1	6327939	6252070	6258857	6279622	0.67	cps
Sulfur	34-1	403136	407040	407023	405733	0.55	cps
Terbium	159-1	6235614	6241496	6239865	6238992	0.05	cps
Terbium	159-2	3376984	3426968	3397089	3400347	0.74	cps
Thallium	203-1	2501273	2501192	2484213	2495559	0.39	cps
Thallium	205-1	5998892	5997377	6026901	6007723	0.28	cps
Thorium	232-1	10490495	10482559	10481918	10484991	0.05	cps
Tin	118-1	1784735	1784944	1777011	1782230	0.25	cps
Titanium	47-1	1545335	1535050	1519425	1533270	0.85	cps
Uranium	238-1	9728291	9780859	9748008	9752386	0.27	cps
Vanadium	51-2	535041	539450	538447	537646	0.43	cps
Yttrium	89-1	4401562	4364784	4353541	4373296	0.57	cps
Yttrium	89-2	707000	718119	714556	713225	0.80	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV061	Instrumnet Name :	P7
Client Sample ID :	CCV061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:35:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	204425	204618	204476	204507	0.05	cps
Zirconium	90-1	3754983	3735476	3710054	3733504	0.60	cps
Zirconium	91-1	840502	836795	836272	837856	0.28	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P7
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:47:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	117	142	117	21.43	cps
Antimony	121-1	208	217	292	239	19.21	cps
Arsenic	75-2	7	9	2	6	62.47	cps
Barium	135-1	100	92	83	92	9.09	cps
Barium	137-1	167	125	117	136	19.68	cps
Beryllium	9-1	127	140	100	122	16.66	cps
Bismuth	209-1	4397491	4344638	4316944	4353024	0.94	cps
Bismuth	209-2	2756168	2752767	2757723	2755553	0.09	cps
Boron	10-1	1325	1383	1150	1286	9.44	cps
Boron	11-1	5401	5068	5093	5187	3.58	cps
Cadmium	111-1	147	141	121	136	9.84	cps
Cadmium	106-1	2075	1992	2009	2025	2.18	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	275	258	183	239	20.44	cps
Calcium	44-1	4868	5109	5376	5118	4.97	cps
Chromium	52-2	447	483	437	456	5.39	cps
Cobalt	59-2	77	90	93	87	10.18	cps
Copper	63-2	420	377	430	409	6.93	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	58	42	8	36	70.51	cps
Gadolinium	160-2	147	120	100	122	19.16	cps
Holmium	165-1	6311873	6315032	6363956	6330287	0.46	cps
Holmium	165-2	3611474	3611726	3599915	3607705	0.19	cps
Indium	115-1	4383988	4383577	4366516	4378027	0.23	cps
Indium	115-2	1025146	1026537	1027784	1026489	0.13	cps
Iron	56-2	6513	6507	6724	6581	1.88	cps
Iron	57-2	194	272	194	220	20.38	cps
Krypton	83-1	137	123	123	128	6.02	cps
Lead	206-1	400	394	350	382	7.18	cps
Lead	207-1	367	256	283	302	19.16	cps
Lead	208-1	1500	1422	1333	1419	5.88	cps
Lithium	6-1	1534263	1533099	1528901	1532087	0.18	cps
Magnesium	24-2	900	983	942	942	4.43	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P7
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:47:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	40	27	44	45.82	cps
Molybdenum	94-1	433	450	392	425	7.07	cps
Molybdenum	95-1	367	475	400	414	13.41	cps
Molybdenum	96-1	658	642	508	603	13.64	cps
Molybdenum	97-1	375	308	325	336	10.32	cps
Molybdenum	98-1	833	825	842	833	1.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	30	47	43	27.73	cps
Phosphorus	31-2	117	100	117	111	8.66	cps
Potassium	39-2	11088	9929	10479	10499	5.52	cps
Rhodium	103-1	3933853	3906974	3906723	3915850	0.40	cps
Rhodium	103-2	1980586	1993125	1978052	1983921	0.41	cps
Scandium	45-1	2994207	3010165	2974463	2992945	0.60	cps
Scandium	45-2	141528	141538	141669	141578	0.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	39	46	41	12.03	cps
Selenium	82-1	15	47	15	26	71.80	cps
Silicon	28-1	90297	89718	89987	90001	0.32	cps
Silver	109-1	83	75	50	69	24.98	cps
Silver	107-1	133	175	117	142	21.21	cps
Sodium	23-2	5351	5568	5276	5398	2.81	cps
Strontium	86-1	258	367	250	292	22.32	cps
Strontium	88-1	383	533	400	439	18.73	cps
Sulfur	34-1	193516	192182	194815	193504	0.68	cps
Terbium	159-1	6544392	6583745	6553805	6560647	0.31	cps
Terbium	159-2	3563149	3569123	3571223	3567832	0.12	cps
Thallium	203-1	300	425	325	350	18.90	cps
Thallium	205-1	850	625	692	722	16.00	cps
Thorium	232-1	622	583	617	607	3.46	cps
Tin	118-1	317	300	358	325	9.24	cps
Titanium	47-1	142	133	100	125	17.63	cps
Uranium	238-1	308	375	292	325	13.57	cps
Vanadium	51-2	20	33	27	27	24.99	cps
Yttrium	89-1	4801161	4818402	4828389	4815984	0.29	cps
Yttrium	89-2	781412	778950	776564	778975	0.31	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB061	Instrumnet Name :	P7
Client Sample ID :	CCB061	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:47:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140	210	187	179	19.93	cps
Zirconium	90-1	625	525	500	550	12.03	cps
Zirconium	91-1	58	100	142	100	41.66	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:50:46	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1208	1117	1125	1150	4.41	cps
Antimony	121-1	8244	7903	8111	8086	2.13	cps
Arsenic	75-2	144	130	148	141	6.96	cps
Barium	135-1	12356	12039	11839	12078	2.16	cps
Barium	137-1	20132	21392	20182	20569	3.47	cps
Beryllium	9-1	1203	1073	1207	1161	6.55	cps
Bismuth	209-1	4345411	4371696	4364064	4360390	0.31	cps
Bismuth	209-2	2775357	2778462	2784712	2779510	0.17	cps
Boron	10-1	4159	4559	4459	4392	4.74	cps
Boron	11-1	19463	19822	20790	20025	3.43	cps
Cadmium	111-1	1178	1223	1222	1208	2.14	cps
Cadmium	106-1	2184	2117	2100	2134	2.07	cps
Cadmium	108-1	108	88	113	103	13.03	cps
Calcium	43-1	7377	7352	7485	7405	0.96	cps
Calcium	44-1	124579	121747	124109	123478	1.23	cps
Chromium	52-2	3197	3000	3017	3071	3.55	cps
Cobalt	59-2	1977	2017	1920	1971	2.46	cps
Copper	63-2	3274	3167	3097	3179	2.80	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	23	7	13	14	58.06	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Gadolinium	160-2	160	123	113	132	18.58	cps
Holmium	165-1	6257779	6337509	6395714	6330334	1.09	cps
Holmium	165-2	3616421	3619568	3613338	3616443	0.09	cps
Indium	115-1	4333465	4379466	4391131	4368021	0.70	cps
Indium	115-2	1034280	1034497	1030702	1033160	0.21	cps
Iron	56-2	68225	69207	69129	68854	0.79	cps
Iron	57-2	1784	1678	1711	1724	3.13	cps
Krypton	83-1	113	93	143	117	21.57	cps
Lead	206-1	4707	4390	4506	4534	3.53	cps
Lead	207-1	4206	4123	4017	4116	2.30	cps
Lead	208-1	18528	17966	17927	18140	1.85	cps
Lithium	6-1	1546937	1560901	1563430	1557089	0.57	cps
Magnesium	24-2	58406	58172	58875	58484	0.61	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:50:46	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	907	940	923	923	1.81	cps
Molybdenum	94-1	9404	9670	9395	9490	1.65	cps
Molybdenum	95-1	12222	11914	11839	11992	1.70	cps
Molybdenum	96-1	12898	12548	12764	12737	1.39	cps
Molybdenum	97-1	7236	7277	6885	7133	3.02	cps
Molybdenum	98-1	18321	19130	19364	18938	2.89	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	553	590	627	590	6.22	cps
Phosphorus	31-2	175	200	225	200	12.50	cps
Potassium	39-2	65730	67077	67588	66798	1.44	cps
Rhodium	103-1	3897904	3932719	3947514	3926045	0.65	cps
Rhodium	103-2	1986576	1995857	1986833	1989755	0.27	cps
Scandium	45-1	2998495	2992909	3008856	3000087	0.27	cps
Scandium	45-2	143429	143009	143214	143217	0.15	cps
Selenium	77-2	23	43	23	30	38.49	cps
Selenium	78-2	94	93	96	94	1.96	cps
Selenium	82-1	521	514	506	514	1.48	cps
Silicon	28-1	121264	116425	123326	120338	2.94	cps
Silver	109-1	4909	5426	5218	5185	5.02	cps
Silver	107-1	4943	5218	5151	5104	2.81	cps
Sodium	23-2	115366	114065	115400	114944	0.66	cps
Strontium	86-1	1675	1683	1792	1717	3.79	cps
Strontium	88-1	13307	13148	13207	13220	0.61	cps
Sulfur	34-1	193052	194116	195286	194151	0.58	cps
Terbium	159-1	6495678	6566924	6626733	6563111	1.00	cps
Terbium	159-2	3571039	3586003	3583475	3580172	0.22	cps
Thallium	203-1	5326	5301	5693	5440	4.03	cps
Thallium	205-1	12214	12707	12523	12481	1.99	cps
Thorium	232-1	19432	19498	19387	19439	0.29	cps
Tin	118-1	19614	19205	19164	19328	1.29	cps
Titanium	47-1	3184	3376	3200	3253	3.26	cps
Uranium	238-1	18556	20025	19357	19312	3.81	cps
Vanadium	51-2	5868	5985	5958	5937	1.03	cps
Yttrium	89-1	4766350	4869796	4833131	4823092	1.09	cps
Yttrium	89-2	783077	786356	782598	784010	0.26	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 17:50:46	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	577	713	623	638	10.89	cps
Zirconium	90-1	7894	7936	8144	7991	1.68	cps
Zirconium	91-1	1984	1675	1875	1845	8.48	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K2950-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AE3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 17:54:22	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	325	500	397	23.01	cps
Antimony	121-1	1825	1717	1709	1750	3.72	cps
Arsenic	75-2	672	683	637	664	3.64	cps
Barium	135-1	36123	34970	35037	35376	1.83	cps
Barium	137-1	61997	60348	60566	60970	1.47	cps
Beryllium	9-1	137	100	123	120	15.47	cps
Bismuth	209-1	4478124	4380265	4388684	4415691	1.23	cps
Bismuth	209-2	2618408	2703360	2713027	2678265	1.94	cps
Boron	10-1	8161	7727	7736	7875	3.15	cps
Boron	11-1	35392	34365	35242	35000	1.59	cps
Cadmium	111-1	4082	3855	4002	3980	2.90	cps
Cadmium	106-1	2417	2292	2309	2339	2.90	cps
Cadmium	108-1	308	296	333	313	6.11	cps
Calcium	43-1	1121722	1104263	1100358	1108781	1.03	cps
Calcium	44-1	18144598	17870432	17862542	17959191	0.89	cps
Chromium	52-2	373	380	307	353	11.48	cps
Cobalt	59-2	1587	1500	1273	1453	11.13	cps
Copper	63-2	386242	379761	377055	381020	1.24	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	23	33	10	22	52.68	cps
Erbium	164-1	50	83	150	94	53.91	cps
Erbium	164-2	53	43	53	50	11.55	cps
Gadolinium	160-1	75	50	17	47	61.97	cps
Gadolinium	160-2	103	80	147	110	30.75	cps
Holmium	165-1	6599028	6489543	6499156	6529242	0.93	cps
Holmium	165-2	3517108	3626301	3634834	3592748	1.83	cps
Indium	115-1	4472812	4364462	4395752	4411009	1.26	cps
Indium	115-2	975032	999475	1006596	993701	1.67	cps
Iron	56-2	10843	10521	10259	10541	2.77	cps
Iron	57-2	8436	8191	8753	8460	3.33	cps
Krypton	83-1	117	140	170	142	18.80	cps
Lead	206-1	11806	11400	11478	11561	1.86	cps
Lead	207-1	9971	10010	9342	9774	3.83	cps
Lead	208-1	46756	46138	45560	46151	1.30	cps
Lithium	6-1	1595482	1567784	1565087	1576118	1.07	cps
Magnesium	24-2	1840570	1803931	1804515	1816339	1.16	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K2950-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AE3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 17:54:22	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	204618	201033	199623	201758	1.28	cps
Molybdenum	94-1	1959	2117	2034	2036	3.89	cps
Molybdenum	95-1	2834	2909	2967	2903	2.30	cps
Molybdenum	96-1	3259	3125	3392	3259	4.09	cps
Molybdenum	97-1	1959	1900	2050	1970	3.84	cps
Molybdenum	98-1	5043	4584	4526	4718	6.00	cps
Neodymium	150-1	73	60	53	62	16.37	cps
Neodymium	150-2	17	20	30	22	31.22	cps
Nickel	60-2	1203	1160	1237	1200	3.20	cps
Phosphorus	31-2	117	142	208	156	30.46	cps
Potassium	39-2	611383	603364	602809	605852	0.79	cps
Rhodium	103-1	3951215	3860063	3840593	3883957	1.52	cps
Rhodium	103-2	1846173	1898076	1907226	1883825	1.75	cps
Scandium	45-1	3060021	2988909	2996396	3015109	1.30	cps
Scandium	45-2	134558	138339	139014	137304	1.75	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	43	28	33	35	21.65	cps
Selenium	82-1	90	39	31	53	59.41	cps
Silicon	28-1	19131252	18743888	18772886	18882675	1.14	cps
Silver	109-1	92	158	83	111	37.00	cps
Silver	107-1	150	183	125	153	19.15	cps
Sodium	23-2	6443852	6337985	6306006	6362614	1.13	cps
Strontium	86-1	1058716	1038897	1045903	1047839	0.96	cps
Strontium	88-1	9317406	9149406	9155711	9207508	1.03	cps
Sulfur	34-1	1996203	1955838	1943627	1965222	1.40	cps
Terbium	159-1	6883093	6713312	6787818	6794741	1.25	cps
Terbium	159-2	3463155	3569548	3557733	3530145	1.65	cps
Thallium	203-1	450	400	292	381	21.27	cps
Thallium	205-1	858	883	858	867	1.67	cps
Thorium	232-1	561	611	567	580	4.73	cps
Tin	118-1	308	358	300	322	9.79	cps
Titanium	47-1	725	700	600	675	9.80	cps
Uranium	238-1	194836	188492	189665	190998	1.77	cps
Vanadium	51-2	1147	1283	1153	1195	6.45	cps
Yttrium	89-1	4946842	4836660	4859423	4880975	1.19	cps
Yttrium	89-2	745987	762983	767074	758681	1.47	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K2950-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0AE3	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 17:54:22	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	301563	299645	297438	299549	0.69	cps
Zirconium	90-1	742	642	917	767	18.16	cps
Zirconium	91-1	200	175	150	175	14.28	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P7
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:03:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2549188	2561262	2576830	2562427	0.54	cps
Antimony	121-1	2091538	2090040	2066142	2082574	0.68	cps
Arsenic	75-2	70773	72172	72016	71653	1.07	cps
Barium	135-1	2811209	2810437	2783361	2801669	0.57	cps
Barium	137-1	4946695	4926864	4876912	4916824	0.73	cps
Beryllium	9-1	490818	490214	491046	490693	0.09	cps
Bismuth	209-1	3888575	3878305	4088207	3951696	2.99	cps
Bismuth	209-2	2414956	2431347	2439963	2428755	0.52	cps
Boron	10-1	72031	72407	73965	72801	1.41	cps
Boron	11-1	319921	317357	319690	318989	0.44	cps
Cadmium	111-1	558195	555859	552590	555548	0.51	cps
Cadmium	106-1	69521	68382	69027	68976	0.83	cps
Cadmium	108-1	45310	45494	45519	45441	0.25	cps
Calcium	43-1	3283845	3288362	3262959	3278389	0.41	cps
Calcium	44-1	53251766	53246377	52880563	53126235	0.40	cps
Chromium	52-2	631314	630638	633976	631976	0.28	cps
Cobalt	59-2	922496	924527	928734	925253	0.34	cps
Copper	63-2	1254536	1255273	1261245	1257018	0.29	cps
Dysprosium	156-1	75	108	58	81	31.60	cps
Dysprosium	156-2	77	57	120	84	38.34	cps
Erbium	164-1	75	17	42	44	65.84	cps
Erbium	164-2	30	13	10	18	60.28	cps
Gadolinium	160-1	33	50	67	50	33.33	cps
Gadolinium	160-2	153	100	150	134	22.22	cps
Holmium	165-1	6132727	6101354	6489551	6241211	3.46	cps
Holmium	165-2	3485966	3513927	3505978	3501957	0.41	cps
Indium	115-1	3894681	3863532	4102344	3953519	3.28	cps
Indium	115-2	906530	907007	914224	909254	0.47	cps
Iron	56-2	126873886	126569114	126990017	126811006	0.17	cps
Iron	57-2	3231461	3230784	3242927	3235057	0.21	cps
Krypton	83-1	137	123	173	144	17.92	cps
Lead	206-1	2000913	2000604	2001906	2001141	0.03	cps
Lead	207-1	1819649	1818313	1818712	1818891	0.04	cps
Lead	208-1	8138861	8097007	8083938	8106602	0.35	cps
Lithium	6-1	1428674	1425491	1500553	1451573	2.92	cps
Magnesium	24-2	25515340	25544233	25750756	25603443	0.50	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P7
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:03:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	797375	795344	801917	798212	0.42	cps
Molybdenum	94-1	4272509	4265700	4254628	4264279	0.21	cps
Molybdenum	95-1	5174977	5170750	5139100	5161609	0.38	cps
Molybdenum	96-1	5748253	5792321	5749151	5763242	0.44	cps
Molybdenum	97-1	3217831	3215063	3196700	3209865	0.36	cps
Molybdenum	98-1	8435678	8459137	8405178	8433331	0.32	cps
Neodymium	150-1	327	373	327	342	7.87	cps
Neodymium	150-2	70	63	57	63	10.52	cps
Nickel	60-2	222061	224233	226112	224135	0.90	cps
Phosphorus	31-2	23870	24287	24462	24207	1.26	cps
Potassium	39-2	13195834	13194649	13262399	13217628	0.29	cps
Rhodium	103-1	3289958	3281127	3476474	3349187	3.29	cps
Rhodium	103-2	1682191	1684843	1687238	1684758	0.15	cps
Scandium	45-1	2736325	2724752	2871964	2777680	2.95	cps
Scandium	45-2	130535	130350	132681	131189	0.99	cps
Selenium	77-2	2100	2197	2140	2146	2.26	cps
Selenium	78-2	7100	6946	6968	7005	1.19	cps
Selenium	82-1	39469	39622	39468	39520	0.22	cps
Silicon	28-1	1633535	1663569	1677594	1658233	1.36	cps
Silver	109-1	2465273	2465289	2444581	2458381	0.49	cps
Silver	107-1	2580101	2565459	2565056	2570205	0.33	cps
Sodium	23-2	50366929	50395204	50644954	50469029	0.30	cps
Strontium	86-1	700278	702421	697024	699908	0.39	cps
Strontium	88-1	6155764	6167348	6119828	6147646	0.40	cps
Sulfur	34-1	413531	412074	414709	413438	0.32	cps
Terbium	159-1	6275374	6265799	6656720	6399298	3.48	cps
Terbium	159-2	3411324	3432145	3439261	3427577	0.42	cps
Thallium	203-1	2468206	2470101	2469306	2469205	0.04	cps
Thallium	205-1	5966768	5976875	5953310	5965651	0.20	cps
Thorium	232-1	10321194	10386618	10299966	10335926	0.44	cps
Tin	118-1	1754806	1729309	1733538	1739218	0.79	cps
Titanium	47-1	1497157	1504465	1498151	1499925	0.26	cps
Uranium	238-1	9593687	9661621	9599826	9618378	0.39	cps
Vanadium	51-2	536032	533520	539429	536327	0.55	cps
Yttrium	89-1	4391936	4361025	4631315	4461425	3.32	cps
Yttrium	89-2	718952	721813	721433	720733	0.22	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P7
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:03:45	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	202012	204077	203726	203272	0.54	cps
Zirconium	90-1	3685391	3641180	3601651	3642741	1.15	cps
Zirconium	91-1	825354	816146	818114	819872	0.59	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P7
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:08:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	350	300	319	8.39	cps
Antimony	121-1	2150	2734	2675	2520	12.75	cps
Arsenic	75-2	24	17	17	19	22.33	cps
Barium	135-1	608	317	450	458	31.86	cps
Barium	137-1	750	700	592	681	11.89	cps
Beryllium	9-1	213	267	240	240	11.11	cps
Bismuth	209-1	4405055	4279624	4444769	4376482	1.97	cps
Bismuth	209-2	2899795	2915025	2897150	2903990	0.33	cps
Boron	10-1	3134	2592	2517	2748	12.25	cps
Boron	11-1	13215	11772	11488	12158	7.61	cps
Cadmium	111-1	235	204	180	207	13.29	cps
Cadmium	106-1	2009	2134	1859	2000	6.89	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	708	533	375	539	30.94	cps
Calcium	44-1	12130	10563	10304	10999	8.99	cps
Chromium	52-2	503	477	433	471	7.50	cps
Cobalt	59-2	147	170	130	149	13.49	cps
Copper	63-2	507	537	493	512	4.33	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	90	123	123	112	17.15	cps
Holmium	165-1	6299838	6147074	6427289	6291401	2.23	cps
Holmium	165-2	3793704	3811085	3788860	3797883	0.31	cps
Indium	115-1	4361092	4245118	4420777	4342329	2.06	cps
Indium	115-2	1090045	1082038	1067945	1080009	1.04	cps
Iron	56-2	17038	17361	16076	16825	3.97	cps
Iron	57-2	328	472	511	437	22.10	cps
Krypton	83-1	120	140	120	127	9.12	cps
Lead	206-1	711	578	567	619	13.00	cps
Lead	207-1	561	578	500	546	7.50	cps
Lead	208-1	2611	2456	2306	2458	6.22	cps
Lithium	6-1	1596019	1566988	1626229	1596412	1.86	cps
Magnesium	24-2	3209	3067	2934	3070	4.48	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P7
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:08:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	137	117	118	15.59	cps
Molybdenum	94-1	1909	1442	1408	1586	17.63	cps
Molybdenum	95-1	2209	2025	2209	2147	4.93	cps
Molybdenum	96-1	2417	2592	2400	2470	4.30	cps
Molybdenum	97-1	1333	1533	1442	1436	6.97	cps
Molybdenum	98-1	3859	3476	3351	3562	7.44	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	90	37	72	42.63	cps
Phosphorus	31-2	117	75	100	97	21.57	cps
Potassium	39-2	13307	12239	12214	12586	4.96	cps
Rhodium	103-1	3909846	3799593	3928576	3879339	1.80	cps
Rhodium	103-2	2086643	2092629	2068493	2082588	0.60	cps
Scandium	45-1	2996160	2905474	3029148	2976927	2.15	cps
Scandium	45-2	150353	152232	150084	150890	0.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	22	24	39	28	32.18	cps
Selenium	82-1	39	-8	29	20	122.84	cps
Silicon	28-1	95143	94245	92117	93835	1.66	cps
Silver	109-1	442	633	492	522	19.04	cps
Silver	107-1	575	667	592	611	7.99	cps
Sodium	23-2	13115	13415	12989	13173	1.66	cps
Strontium	86-1	317	292	275	294	7.12	cps
Strontium	88-1	1233	1108	1108	1150	6.28	cps
Sulfur	34-1	193264	192984	188097	191448	1.52	cps
Terbium	159-1	6548811	6379307	6659324	6529147	2.16	cps
Terbium	159-2	3744528	3759763	3721163	3741818	0.52	cps
Thallium	203-1	1192	900	908	1000	16.60	cps
Thallium	205-1	2484	2317	2184	2328	6.46	cps
Thorium	232-1	2445	2434	2550	2476	2.60	cps
Tin	118-1	808	733	875	806	8.80	cps
Titanium	47-1	308	317	258	294	10.71	cps
Uranium	238-1	1550	1442	1425	1472	4.61	cps
Vanadium	51-2	50	60	73	61	19.15	cps
Yttrium	89-1	4746278	4669155	4835326	4750253	1.75	cps
Yttrium	89-2	816877	823220	819157	819751	0.39	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P7
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:08:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	197	140	217	184	21.56	cps
Zirconium	90-1	1042	1008	1042	1031	1.87	cps
Zirconium	91-1	267	242	150	219	27.99	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : PB120452BL Instrumnet Name : P7
 Client Sample ID : PBS452 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 18:30:50 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	408	442	414	6.15	cps
Antimony	121-1	1108	1325	1367	1267	10.95	cps
Arsenic	75-2	20	9	26	19	45.83	cps
Barium	135-1	308	275	292	292	5.71	cps
Barium	137-1	475	442	667	528	23.01	cps
Beryllium	9-1	123	103	147	124	17.43	cps
Bismuth	209-1	4552505	4511304	4467005	4510271	0.95	cps
Bismuth	209-2	2840878	2870349	2869574	2860267	0.59	cps
Boron	10-1	517	483	350	450	19.60	cps
Boron	11-1	2234	1967	1917	2039	8.35	cps
Cadmium	111-1	189	143	188	173	15.05	cps
Cadmium	106-1	2134	2142	1850	2042	8.13	cps
Cadmium	108-1	17	29	0	15	95.78	cps
Calcium	43-1	267	417	542	408	33.72	cps
Calcium	44-1	8103	8286	9462	8617	8.56	cps
Chromium	52-2	460	440	473	458	3.67	cps
Cobalt	59-2	190	150	163	168	12.14	cps
Copper	63-2	470	530	533	511	6.97	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	97	123	103	108	12.88	cps
Holmium	165-1	6626001	6629707	6535382	6597030	0.81	cps
Holmium	165-2	3731438	3774925	3772619	3759660	0.65	cps
Indium	115-1	4635650	4569717	4546792	4584053	1.01	cps
Indium	115-2	1077577	1082216	1076886	1078893	0.27	cps
Iron	56-2	17494	18468	18684	18215	3.48	cps
Iron	57-2	489	567	606	554	10.73	cps
Krypton	83-1	143	147	167	152	8.29	cps
Lead	206-1	378	411	433	407	6.86	cps
Lead	207-1	417	372	394	394	5.63	cps
Lead	208-1	1545	1711	1795	1683	7.56	cps
Lithium	6-1	1707440	1697005	1674315	1692920	1.00	cps
Magnesium	24-2	3342	3692	3717	3584	5.85	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:30:50	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147	127	167	147	13.64	cps
Molybdenum	94-1	642	675	942	753	21.84	cps
Molybdenum	95-1	867	808	875	850	4.27	cps
Molybdenum	96-1	775	733	1008	839	17.67	cps
Molybdenum	97-1	383	533	500	472	16.68	cps
Molybdenum	98-1	1117	1258	1550	1308	16.89	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	57	87	74	21.16	cps
Phosphorus	31-2	100	100	67	89	21.65	cps
Potassium	39-2	13031	12597	12873	12834	1.71	cps
Rhodium	103-1	4187369	4116720	4099746	4134612	1.12	cps
Rhodium	103-2	2082576	2090450	2100587	2091205	0.43	cps
Scandium	45-1	3275668	3217036	3194609	3229104	1.30	cps
Scandium	45-2	151650	152494	150320	151488	0.72	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	30	37	31	33	11.79	cps
Selenium	82-1	43	20	9	24	73.41	cps
Silicon	28-1	93643	93827	94155	93875	0.28	cps
Silver	109-1	250	308	308	289	11.66	cps
Silver	107-1	208	358	417	328	32.79	cps
Sodium	23-2	10888	10496	11647	11010	5.31	cps
Strontium	86-1	333	267	217	272	21.50	cps
Strontium	88-1	700	775	1050	842	21.90	cps
Sulfur	34-1	209360	204982	206107	206816	1.10	cps
Terbium	159-1	6866692	6853314	6799285	6839764	0.52	cps
Terbium	159-2	3704378	3730750	3728913	3721347	0.40	cps
Thallium	203-1	383	450	500	444	13.17	cps
Thallium	205-1	1025	942	1183	1050	11.69	cps
Thorium	232-1	1089	1250	1245	1195	7.66	cps
Tin	118-1	350	408	400	386	8.17	cps
Titanium	47-1	300	175	200	225	29.40	cps
Uranium	238-1	617	758	883	753	17.72	cps
Vanadium	51-2	90	83	103	92	11.04	cps
Yttrium	89-1	5158279	5064628	5053821	5092243	1.13	cps
Yttrium	89-2	823298	821816	828890	824668	0.45	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:30:50	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	200	183	227	203	10.75	cps
Zirconium	90-1	733	783	775	764	3.51	cps
Zirconium	91-1	133	225	283	214	35.35	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:34:27	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2425	2700	2234	2453	9.56	cps
Antimony	121-1	16393	16869	16794	16685	1.53	cps
Arsenic	75-2	293	311	280	294	5.37	cps
Barium	135-1	23863	23921	24247	24010	0.86	cps
Barium	137-1	41981	43603	41981	42522	2.20	cps
Beryllium	9-1	2354	2237	2347	2312	2.83	cps
Bismuth	209-1	4385997	4456841	4407446	4416762	0.82	cps
Bismuth	209-2	2855157	2857851	2859065	2857358	0.07	cps
Boron	10-1	7752	8328	8744	8275	6.02	cps
Boron	11-1	35668	35585	37230	36161	2.56	cps
Cadmium	111-1	2387	2448	2164	2333	6.39	cps
Cadmium	106-1	2550	2575	2384	2503	4.16	cps
Cadmium	108-1	200	246	179	208	16.37	cps
Calcium	43-1	15058	14941	15400	15133	1.58	cps
Calcium	44-1	247229	250709	250528	249488	0.79	cps
Chromium	52-2	5775	6278	6078	6044	4.20	cps
Cobalt	59-2	4537	4341	4321	4400	2.72	cps
Copper	63-2	5925	5928	5948	5934	0.21	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	83	130	123	112	22.49	cps
Holmium	165-1	6306548	6442527	6458765	6402613	1.31	cps
Holmium	165-2	3766566	3780722	3797531	3781607	0.41	cps
Indium	115-1	4459363	4539383	4496048	4498264	0.89	cps
Indium	115-2	1078729	1084669	1080026	1081142	0.29	cps
Iron	56-2	517087	518957	520814	518953	0.36	cps
Iron	57-2	12467	13089	13301	12952	3.35	cps
Krypton	83-1	163	137	157	152	9.12	cps
Lead	206-1	8987	8864	8881	8911	0.74	cps
Lead	207-1	7575	7686	7747	7669	1.14	cps
Lead	208-1	34379	35241	35397	35006	1.57	cps
Lithium	6-1	1635519	1664146	1666709	1655458	1.05	cps
Magnesium	24-2	121767	121347	123741	122285	1.05	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:34:27	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1983	1743	1803	1843	6.78	cps
Molybdenum	94-1	18905	18538	18863	18769	1.07	cps
Molybdenum	95-1	23286	24672	23019	23659	3.75	cps
Molybdenum	96-1	25482	25782	25591	25618	0.59	cps
Molybdenum	97-1	13649	15109	14633	14463	5.15	cps
Molybdenum	98-1	37542	38277	37383	37734	1.26	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1137	1207	1103	1149	4.59	cps
Phosphorus	31-2	417	458	433	436	4.81	cps
Potassium	39-2	127737	127250	127830	127606	0.24	cps
Rhodium	103-1	4022609	4091092	4066318	4060007	0.85	cps
Rhodium	103-2	2087265	2093390	2107037	2095897	0.48	cps
Scandium	45-1	3126330	3179750	3178460	3161514	0.96	cps
Scandium	45-2	153764	153556	153266	153528	0.16	cps
Selenium	77-2	23	40	47	37	32.79	cps
Selenium	78-2	207	196	196	200	3.21	cps
Selenium	82-1	838	957	889	895	6.69	cps
Silicon	28-1	154244	155838	156353	155478	0.71	cps
Silver	109-1	10104	10413	10137	10218	1.66	cps
Silver	107-1	9996	10454	10538	10329	2.83	cps
Sodium	23-2	231322	226570	229291	229061	1.04	cps
Strontium	86-1	3225	3200	3384	3270	3.04	cps
Strontium	88-1	25991	25766	25991	25916	0.50	cps
Sulfur	34-1	211084	213086	209164	211111	0.93	cps
Terbium	159-1	6603133	6770051	6768601	6713928	1.43	cps
Terbium	159-2	3730619	3723043	3728083	3727248	0.10	cps
Thallium	203-1	9270	10480	10355	10035	6.63	cps
Thallium	205-1	24507	25817	24741	25022	2.79	cps
Thorium	232-1	38541	39187	38390	38706	1.09	cps
Tin	118-1	37894	39707	39448	39016	2.51	cps
Titanium	47-1	7135	7060	7394	7197	2.43	cps
Uranium	238-1	37372	39528	37848	38249	2.96	cps
Vanadium	51-2	12098	12569	12145	12271	2.11	cps
Yttrium	89-1	4900823	5022356	4998776	4973985	1.30	cps
Yttrium	89-2	828779	829405	831024	829736	0.14	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:34:27	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1127	1123	1053	1101	3.76	cps
Zirconium	90-1	15359	16093	16076	15843	2.65	cps
Zirconium	91-1	3384	3534	3476	3464	2.18	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:39:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	958	725	831	14.24	cps
Antimony	121-1	1158	1242	1083	1161	6.82	cps
Arsenic	75-2	37	35	44	39	12.59	cps
Barium	135-1	30618	30367	30175	30387	0.73	cps
Barium	137-1	51287	51990	51705	51661	0.68	cps
Beryllium	9-1	137	133	113	128	9.88	cps
Bismuth	209-1	5088611	5093372	5032447	5071477	0.67	cps
Bismuth	209-2	3064853	3046022	3032982	3047952	0.53	cps
Boron	10-1	3417	3734	3292	3481	6.54	cps
Boron	11-1	15500	15876	15242	15539	2.05	cps
Cadmium	111-1	580	556	586	574	2.74	cps
Cadmium	106-1	2292	2317	2217	2275	2.29	cps
Cadmium	108-1	92	67	75	78	16.37	cps
Calcium	43-1	415112	410240	401229	408860	1.72	cps
Calcium	44-1	6735697	6663563	6547180	6648813	1.43	cps
Chromium	52-2	430	497	427	451	8.75	cps
Cobalt	59-2	587	570	493	550	9.05	cps
Copper	63-2	1563	1507	1470	1513	3.11	cps
Dysprosium	156-1	83	100	83	89	10.82	cps
Dysprosium	156-2	47	87	57	63	32.87	cps
Erbium	164-1	83	92	92	89	5.41	cps
Erbium	164-2	53	47	40	47	14.28	cps
Gadolinium	160-1	117	142	125	128	9.96	cps
Gadolinium	160-2	180	147	197	174	14.59	cps
Holmium	165-1	7320430	7317539	7250626	7296198	0.54	cps
Holmium	165-2	4005554	3986324	3969561	3987146	0.45	cps
Indium	115-1	4976043	4949035	4897695	4940924	0.81	cps
Indium	115-2	1106883	1102128	1089995	1099668	0.79	cps
Iron	56-2	18451	18078	17828	18119	1.73	cps
Iron	57-2	3250	3262	3434	3315	3.10	cps
Krypton	83-1	190	107	103	133	36.82	cps
Lead	206-1	2756	2795	2884	2811	2.33	cps
Lead	207-1	2656	2495	2723	2624	4.46	cps
Lead	208-1	11608	11825	11652	11695	0.98	cps
Lithium	6-1	1810437	1797076	1759909	1789141	1.46	cps
Magnesium	24-2	898026	889961	879610	889199	1.04	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:39:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8179	8516	8166	8287	2.39	cps
Molybdenum	94-1	450	450	450	450	0.00	cps
Molybdenum	95-1	433	508	575	506	14.02	cps
Molybdenum	96-1	375	558	792	575	36.32	cps
Molybdenum	97-1	200	217	267	228	15.23	cps
Molybdenum	98-1	750	750	883	795	9.69	cps
Neodymium	150-1	47	60	73	60	22.22	cps
Neodymium	150-2	30	30	27	29	6.65	cps
Nickel	60-2	3747	3734	3694	3725	0.74	cps
Phosphorus	31-2	133	142	117	131	9.75	cps
Potassium	39-2	229770	230227	224540	228179	1.38	cps
Rhodium	103-1	4391924	4326562	4267438	4328641	1.44	cps
Rhodium	103-2	2118423	2106937	2078977	2101446	0.97	cps
Scandium	45-1	3378522	3341833	3263591	3327982	1.76	cps
Scandium	45-2	150091	149629	147357	149026	0.98	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	26	20	22	23	12.40	cps
Selenium	82-1	-32	49	77	31	180.76	cps
Silicon	28-1	35174653	34760185	34369431	34768090	1.16	cps
Silver	109-1	575	600	783	653	17.43	cps
Silver	107-1	700	742	900	781	13.52	cps
Sodium	23-2	1707052	1690033	1678848	1691978	0.84	cps
Strontium	86-1	114396	114277	111422	113365	1.49	cps
Strontium	88-1	997839	989600	981423	989621	0.83	cps
Sulfur	34-1	971244	969036	946799	962360	1.40	cps
Terbium	159-1	7606222	7566850	7523423	7565498	0.55	cps
Terbium	159-2	3934414	3909904	3881930	3908749	0.67	cps
Thallium	203-1	1392	1125	1142	1220	12.25	cps
Thallium	205-1	3042	2859	2959	2953	3.11	cps
Thorium	232-1	539	567	644	583	9.38	cps
Tin	118-1	733	650	700	694	6.04	cps
Titanium	47-1	692	867	825	795	11.51	cps
Uranium	238-1	617	842	1092	850	27.95	cps
Vanadium	51-2	207	140	187	178	19.24	cps
Yttrium	89-1	5431616	5415442	5347330	5398129	0.83	cps
Yttrium	89-2	836747	829846	822594	829729	0.85	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:39:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	443963	439397	436382	439914	0.87	cps
Zirconium	90-1	708	575	700	661	11.30	cps
Zirconium	91-1	158	150	117	142	15.56	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:42:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	558	533	531	5.52	cps
Antimony	121-1	842	867	1067	925	13.33	cps
Arsenic	75-2	13	26	31	23	40.52	cps
Barium	135-1	29140	28756	29056	28984	0.70	cps
Barium	137-1	51822	48477	49046	49782	3.60	cps
Beryllium	9-1	103	80	73	86	18.42	cps
Bismuth	209-1	4958158	4901278	4847772	4902403	1.13	cps
Bismuth	209-2	3001806	2997911	2988294	2996003	0.23	cps
Boron	10-1	2917	2975	3017	2970	1.69	cps
Boron	11-1	13907	14124	14516	14182	2.18	cps
Cadmium	111-1	549	586	528	554	5.25	cps
Cadmium	106-1	1984	2125	2000	2036	3.80	cps
Cadmium	108-1	88	88	92	89	2.71	cps
Calcium	43-1	387099	380545	378287	381977	1.20	cps
Calcium	44-1	6287093	6207008	6162855	6218985	1.01	cps
Chromium	52-2	343	383	270	332	17.30	cps
Cobalt	59-2	527	503	470	500	5.70	cps
Copper	63-2	1427	1453	1507	1462	2.79	cps
Dysprosium	156-1	167	125	100	131	25.80	cps
Dysprosium	156-2	30	67	80	59	43.97	cps
Erbium	164-1	125	67	92	94	30.99	cps
Erbium	164-2	37	63	60	53	27.24	cps
Gadolinium	160-1	142	117	83	114	25.69	cps
Gadolinium	160-2	133	203	153	163	22.07	cps
Holmium	165-1	7049116	7056174	6983198	7029496	0.57	cps
Holmium	165-2	3906938	3922352	3887284	3905524	0.45	cps
Indium	115-1	4740111	4670087	4634513	4681570	1.15	cps
Indium	115-2	1077970	1074105	1069563	1073880	0.39	cps
Iron	56-2	8086	8314	7975	8125	2.13	cps
Iron	57-2	2895	2911	2761	2856	2.88	cps
Krypton	83-1	100	107	133	113	15.57	cps
Lead	206-1	2350	2473	2256	2360	4.60	cps
Lead	207-1	2161	2011	2317	2163	7.06	cps
Lead	208-1	9657	9574	9807	9679	1.22	cps
Lithium	6-1	1677524	1656218	1634409	1656050	1.30	cps
Magnesium	24-2	861513	856108	852935	856852	0.51	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:42:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8086	8496	8002	8195	3.22	cps
Molybdenum	94-1	442	342	308	364	19.07	cps
Molybdenum	95-1	342	292	367	333	11.46	cps
Molybdenum	96-1	317	408	375	367	12.66	cps
Molybdenum	97-1	117	183	183	161	23.89	cps
Molybdenum	98-1	450	433	458	447	2.85	cps
Neodymium	150-1	33	80	53	56	42.14	cps
Neodymium	150-2	50	40	20	37	41.66	cps
Nickel	60-2	3550	3701	3487	3579	3.06	cps
Phosphorus	31-2	75	108	175	119	42.63	cps
Potassium	39-2	218485	217912	216691	217696	0.42	cps
Rhodium	103-1	4156969	4083865	4054147	4098327	1.29	cps
Rhodium	103-2	2056768	2051855	2039468	2049364	0.44	cps
Scandium	45-1	3135324	3086276	3059757	3093786	1.24	cps
Scandium	45-2	144658	142902	143688	143749	0.61	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	37	22	15	25	45.84	cps
Selenium	82-1	51	61	31	48	32.40	cps
Silicon	28-1	32474550	32145962	31793115	32137876	1.06	cps
Silver	109-1	608	658	808	692	15.05	cps
Silver	107-1	683	850	842	792	11.86	cps
Sodium	23-2	1636699	1619992	1621684	1626125	0.57	cps
Strontium	86-1	109347	106635	107777	107920	1.26	cps
Strontium	88-1	957402	934238	927378	939673	1.67	cps
Sulfur	34-1	904428	892046	890480	895651	0.85	cps
Terbium	159-1	7315855	7244479	7217904	7259413	0.70	cps
Terbium	159-2	3835377	3849689	3811437	3832168	0.50	cps
Thallium	203-1	508	558	600	556	8.26	cps
Thallium	205-1	1283	1425	1659	1456	13.01	cps
Thorium	232-1	439	444	356	413	12.06	cps
Tin	118-1	592	542	625	586	7.16	cps
Titanium	47-1	817	783	650	750	11.76	cps
Uranium	238-1	608	667	633	636	4.60	cps
Vanadium	51-2	157	137	160	151	8.35	cps
Yttrium	89-1	5156479	5087604	5059570	5101218	0.98	cps
Yttrium	89-2	810163	804655	802600	805806	0.49	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:42:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	429044	426732	425967	427248	0.37	cps
Zirconium	90-1	667	483	525	558	17.21	cps
Zirconium	91-1	117	83	92	97	17.84	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-09 18:46:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	142	175	181	23.23	cps
Antimony	121-1	192	167	250	203	21.09	cps
Arsenic	75-2	13	13	15	14	7.87	cps
Barium	135-1	5493	5276	5326	5365	2.12	cps
Barium	137-1	8861	8695	8394	8650	2.74	cps
Beryllium	9-1	87	103	83	91	11.76	cps
Bismuth	209-1	4430006	4398941	4355735	4394894	0.85	cps
Bismuth	209-2	2713212	2714907	2729548	2719222	0.33	cps
Boron	10-1	1033	1075	917	1008	8.14	cps
Boron	11-1	4651	4284	4292	4409	4.75	cps
Cadmium	111-1	165	167	187	173	7.11	cps
Cadmium	106-1	1650	1792	1659	1700	4.68	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Calcium	43-1	68325	68593	67562	68160	0.78	cps
Calcium	44-1	1115000	1115674	1106930	1112534	0.44	cps
Chromium	52-2	387	447	390	408	8.27	cps
Cobalt	59-2	157	103	127	129	20.74	cps
Copper	63-2	813	680	800	764	9.61	cps
Dysprosium	156-1	33	33	50	39	24.74	cps
Dysprosium	156-2	13	20	0	11	91.66	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	20	17	23	20	16.65	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Gadolinium	160-2	117	93	130	113	16.37	cps
Holmium	165-1	6271879	6240952	6247402	6253411	0.26	cps
Holmium	165-2	3522166	3546466	3542659	3537097	0.37	cps
Indium	115-1	4284541	4238466	4210738	4244581	0.88	cps
Indium	115-2	981697	980406	982826	981643	0.12	cps
Iron	56-2	5779	5418	4890	5362	8.34	cps
Iron	57-2	750	772	656	726	8.53	cps
Krypton	83-1	110	130	130	123	9.36	cps
Lead	206-1	722	689	639	683	6.14	cps
Lead	207-1	678	656	533	622	12.50	cps
Lead	208-1	2822	2822	2650	2765	3.60	cps
Lithium	6-1	1486641	1480490	1468164	1478432	0.64	cps
Magnesium	24-2	154926	153494	155110	154510	0.57	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-09 18:46:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1433	1550	1497	1493	3.91	cps
Molybdenum	94-1	358	367	233	319	23.38	cps
Molybdenum	95-1	158	258	250	222	24.97	cps
Molybdenum	96-1	317	208	350	292	25.39	cps
Molybdenum	97-1	92	117	150	119	24.50	cps
Molybdenum	98-1	300	350	358	336	9.39	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	20	10	10	100.00	cps
Nickel	60-2	733	610	657	667	9.34	cps
Phosphorus	31-2	75	75	100	83	17.32	cps
Potassium	39-2	47803	47928	46499	47410	1.67	cps
Rhodium	103-1	3793166	3754260	3705594	3751007	1.17	cps
Rhodium	103-2	1874010	1887000	1889974	1883661	0.45	cps
Scandium	45-1	2838655	2811155	2779831	2809880	1.05	cps
Scandium	45-2	133209	131577	132603	132463	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	26	26	24	13.33	cps
Selenium	82-1	43	19	24	29	43.24	cps
Silicon	28-1	5747639	5715472	5695441	5719517	0.46	cps
Silver	109-1	250	133	183	189	30.99	cps
Silver	107-1	258	233	267	253	6.86	cps
Sodium	23-2	299232	293856	299498	297529	1.07	cps
Strontium	86-1	19214	19539	18454	19069	2.92	cps
Strontium	88-1	169438	167566	168376	168460	0.56	cps
Sulfur	34-1	289411	287295	285981	287562	0.60	cps
Terbium	159-1	6479400	6512190	6463190	6484927	0.38	cps
Terbium	159-2	3478277	3489231	3503943	3490483	0.37	cps
Thallium	203-1	300	217	317	278	19.29	cps
Thallium	205-1	550	617	542	569	7.22	cps
Thorium	232-1	328	417	400	382	12.39	cps
Tin	118-1	300	292	400	331	18.24	cps
Titanium	47-1	167	225	275	222	24.40	cps
Uranium	238-1	375	375	308	353	10.91	cps
Vanadium	51-2	67	57	67	63	9.12	cps
Yttrium	89-1	4599145	4608985	4565420	4591183	0.50	cps
Yttrium	89-2	740684	737600	741636	739973	0.29	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-09 18:46:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	72817	71645	72502	72321	0.84	cps
Zirconium	90-1	458	508	392	453	12.93	cps
Zirconium	91-1	67	67	100	78	24.74	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:50:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97115	98506	96317	97313	1.14	cps
Antimony	121-1	508056	495593	493233	498961	1.60	cps
Arsenic	75-2	6200	6233	6455	6296	2.21	cps
Barium	135-1	2768935	2692666	2695835	2719145	1.59	cps
Barium	137-1	4848158	4777544	4752833	4792845	1.03	cps
Beryllium	9-1	59881	57947	58469	58765	1.70	cps
Bismuth	209-1	5016134	4916411	4893569	4942038	1.32	cps
Bismuth	209-2	2921926	2935615	2925267	2927603	0.24	cps
Boron	10-1	2934	2600	2550	2695	7.74	cps
Boron	11-1	12981	12514	12931	12809	2.00	cps
Cadmium	111-1	66217	66233	65668	66039	0.49	cps
Cadmium	106-1	7844	8320	8311	8158	3.34	cps
Cadmium	108-1	4688	4384	4255	4442	5.01	cps
Calcium	43-1	390529	382271	374389	382397	2.11	cps
Calcium	44-1	6346085	6213220	6120289	6226531	1.82	cps
Chromium	52-2	281467	282367	276818	280217	1.06	cps
Cobalt	59-2	1064309	1065144	1058304	1062586	0.35	cps
Copper	63-2	356383	357458	357940	357260	0.22	cps
Dysprosium	156-1	108	100	192	133	38.02	cps
Dysprosium	156-2	97	107	120	108	10.86	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	57	40	33	43	27.74	cps
Gadolinium	160-1	117	108	117	114	4.22	cps
Gadolinium	160-2	227	150	167	181	22.26	cps
Holmium	165-1	7166518	7070822	7013931	7083757	1.09	cps
Holmium	165-2	3828404	3831875	3830013	3830097	0.05	cps
Indium	115-1	4728070	4658034	4638298	4674800	1.01	cps
Indium	115-2	1035031	1033407	1039131	1035856	0.28	cps
Iron	56-2	1214354	1219272	1206352	1213326	0.54	cps
Iron	57-2	32687	33422	32470	32859	1.52	cps
Krypton	83-1	117	160	110	129	21.06	cps
Lead	206-1	105963	103404	103006	104124	1.54	cps
Lead	207-1	97247	94013	92917	94726	2.38	cps
Lead	208-1	431826	421324	417495	423548	1.75	cps
Lithium	6-1	1656315	1615272	1595141	1622243	1.92	cps
Magnesium	24-2	833200	827573	821841	827538	0.69	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:50:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	455795	457152	451246	454731	0.68	cps
Molybdenum	94-1	450	342	475	422	16.79	cps
Molybdenum	95-1	417	317	317	350	16.50	cps
Molybdenum	96-1	333	367	400	367	9.09	cps
Molybdenum	97-1	133	225	217	192	26.45	cps
Molybdenum	98-1	508	400	550	486	15.93	cps
Neodymium	150-1	380	327	260	322	18.66	cps
Neodymium	150-2	57	43	63	54	18.71	cps
Nickel	60-2	272930	270495	269510	270978	0.65	cps
Phosphorus	31-2	83	50	108	81	36.33	cps
Potassium	39-2	212180	211224	210218	211208	0.46	cps
Rhodium	103-1	4162441	4041076	4036825	4080114	1.75	cps
Rhodium	103-2	1985199	1971131	1978369	1978233	0.36	cps
Scandium	45-1	3105552	3047919	2988958	3047476	1.91	cps
Scandium	45-2	138018	136996	136817	137277	0.47	cps
Selenium	77-2	633	647	563	614	7.29	cps
Selenium	78-2	2228	2246	2319	2264	2.12	cps
Selenium	82-1	13228	13151	13166	13182	0.31	cps
Silicon	28-1	32538912	31807599	31488630	31945047	1.69	cps
Silver	109-1	289797	283223	276877	283299	2.28	cps
Silver	107-1	301795	292732	293203	295910	1.72	cps
Sodium	23-2	1583576	1584713	1567407	1578565	0.61	cps
Strontium	86-1	110850	108995	107534	109126	1.52	cps
Strontium	88-1	968202	949244	944189	953878	1.33	cps
Sulfur	34-1	898294	878261	867747	881434	1.76	cps
Terbium	159-1	7415081	7263860	7257424	7312122	1.22	cps
Terbium	159-2	3741358	3751820	3775756	3756311	0.47	cps
Thallium	203-1	316495	310836	310248	312526	1.10	cps
Thallium	205-1	762960	740910	745358	749743	1.56	cps
Thorium	232-1	367	322	417	369	12.82	cps
Tin	118-1	658	642	608	636	4.00	cps
Titanium	47-1	792	650	775	739	10.48	cps
Uranium	238-1	650	625	583	619	5.44	cps
Vanadium	51-2	578907	577649	573014	576523	0.54	cps
Yttrium	89-1	5159895	5089971	5028883	5092917	1.29	cps
Yttrium	89-2	780314	773991	777208	777171	0.41	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:50:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	542996	542730	540483	542070	0.25	cps
Zirconium	90-1	525	575	567	556	4.82	cps
Zirconium	91-1	167	142	125	144	14.52	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-04	Instrumnet Name :	P7
Client Sample ID :	MJLJ75	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:53:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	600	583	611	5.68	cps
Antimony	121-1	3351	3334	3234	3306	1.91	cps
Arsenic	75-2	1211	1094	1107	1138	5.62	cps
Barium	135-1	109311	105691	107563	107521	1.68	cps
Barium	137-1	192236	188014	185153	188468	1.89	cps
Beryllium	9-1	83	77	103	88	15.81	cps
Bismuth	209-1	4882144	4853119	4834670	4856644	0.49	cps
Bismuth	209-2	2823909	2829869	2860730	2838169	0.70	cps
Boron	10-1	2950	3209	3167	3109	4.46	cps
Boron	11-1	13890	14082	13457	13810	2.32	cps
Cadmium	111-1	411	479	502	464	10.24	cps
Cadmium	106-1	2125	1959	2117	2067	4.54	cps
Cadmium	108-1	38	58	63	53	25.38	cps
Calcium	43-1	383484	378005	374448	378646	1.20	cps
Calcium	44-1	6230454	6173235	6080102	6161264	1.23	cps
Chromium	52-2	297	320	333	317	5.86	cps
Cobalt	59-2	5941	5891	5968	5934	0.66	cps
Copper	63-2	1407	1320	1353	1360	3.21	cps
Dysprosium	156-1	75	117	108	100	22.05	cps
Dysprosium	156-2	53	57	47	52	9.75	cps
Erbium	164-1	117	75	92	94	22.21	cps
Erbium	164-2	60	63	47	57	15.56	cps
Gadolinium	160-1	117	92	92	100	14.43	cps
Gadolinium	160-2	173	197	157	176	11.44	cps
Holmium	165-1	6979265	6883924	6871463	6911551	0.85	cps
Holmium	165-2	3680619	3710376	3740059	3710351	0.80	cps
Indium	115-1	4618569	4486952	4478252	4527924	1.74	cps
Indium	115-2	992520	1002627	1002877	999342	0.59	cps
Iron	56-2	9517815	9373570	9305642	9399009	1.15	cps
Iron	57-2	238851	238427	236119	237799	0.62	cps
Krypton	83-1	107	120	140	122	13.73	cps
Lead	206-1	147850	144817	146953	146540	1.06	cps
Lead	207-1	138637	138227	138295	138386	0.16	cps
Lead	208-1	612513	606467	602981	607321	0.79	cps
Lithium	6-1	1559917	1529600	1513372	1534297	1.54	cps
Magnesium	24-2	914595	910992	891919	905835	1.35	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-04	Instrumnet Name :	P7
Client Sample ID :	MJLJ75	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:53:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1808963	1794978	1775426	1793122	0.94	cps
Molybdenum	94-1	700	708	817	742	8.78	cps
Molybdenum	95-1	675	775	642	697	9.95	cps
Molybdenum	96-1	817	833	833	828	1.16	cps
Molybdenum	97-1	375	442	358	392	11.26	cps
Molybdenum	98-1	1033	1258	1200	1164	10.03	cps
Neodymium	150-1	80	127	100	102	22.91	cps
Neodymium	150-2	63	57	67	62	8.18	cps
Nickel	60-2	1820	1847	1840	1836	0.76	cps
Phosphorus	31-2	200	233	283	239	17.56	cps
Potassium	39-2	250090	252089	247709	249963	0.88	cps
Rhodium	103-1	4022698	3936000	3913117	3957272	1.46	cps
Rhodium	103-2	1890484	1918674	1912768	1907309	0.78	cps
Scandium	45-1	2964284	2896382	2872507	2911058	1.64	cps
Scandium	45-2	132276	132730	131794	132267	0.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	19	33	19	23	36.45	cps
Selenium	82-1	67	-13	9	21	193.14	cps
Silicon	28-1	23565690	23258814	22921877	23248794	1.39	cps
Silver	109-1	675	517	717	636	16.59	cps
Silver	107-1	558	800	533	631	23.36	cps
Sodium	23-2	1077674	1098321	1070579	1082191	1.33	cps
Strontium	86-1	128663	127654	125552	127290	1.25	cps
Strontium	88-1	1126817	1120669	1105495	1117660	0.98	cps
Sulfur	34-1	626731	617870	611638	618747	1.23	cps
Terbium	159-1	7243189	7071168	7068654	7127671	1.40	cps
Terbium	159-2	3589680	3637158	3664376	3630404	1.04	cps
Thallium	203-1	367	367	375	369	1.30	cps
Thallium	205-1	1083	983	825	964	13.51	cps
Thorium	232-1	572	567	506	548	6.75	cps
Tin	118-1	483	450	492	475	4.64	cps
Titanium	47-1	883	842	908	878	3.84	cps
Uranium	238-1	442	667	517	542	21.15	cps
Vanadium	51-2	197	157	173	176	11.44	cps
Yttrium	89-1	4957007	4893081	4867683	4905924	0.94	cps
Yttrium	89-2	746650	747257	750151	748019	0.25	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-04	Instrumnet Name :	P7
Client Sample ID :	MJLJ75	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:53:45	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	271004	272558	268842	270801	0.69	cps
Zirconium	90-1	1050	983	917	983	6.78	cps
Zirconium	91-1	242	192	258	231	15.05	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-05	Instrumnet Name :	P7
Client Sample ID :	MJLJ76	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:57:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	533	400	422	24.12	cps
Antimony	121-1	1225	1342	1475	1347	9.29	cps
Arsenic	75-2	31	22	31	28	18.83	cps
Barium	135-1	46043	45501	45291	45612	0.85	cps
Barium	137-1	80676	76377	78078	78377	2.76	cps
Beryllium	9-1	87	70	93	83	14.43	cps
Bismuth	209-1	4871103	4793579	4787013	4817232	0.97	cps
Bismuth	209-2	2846441	2936505	2839197	2874048	1.89	cps
Boron	10-1	3400	3542	3351	3431	2.90	cps
Boron	11-1	15892	15584	15492	15656	1.34	cps
Cadmium	111-1	9374	9294	9348	9339	0.43	cps
Cadmium	106-1	2884	2692	2717	2764	3.77	cps
Cadmium	108-1	717	663	654	678	5.01	cps
Calcium	43-1	336287	327914	325481	329894	1.72	cps
Calcium	44-1	5448820	5329506	5344338	5374221	1.21	cps
Chromium	52-2	267	263	280	270	3.27	cps
Cobalt	59-2	203	180	167	183	10.12	cps
Copper	63-2	1797	1730	1883	1803	4.26	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	113	133	157	134	16.13	cps
Holmium	165-1	6903498	6850336	6782641	6845492	0.88	cps
Holmium	165-2	3672832	3824937	3686396	3728055	2.26	cps
Indium	115-1	4592298	4505673	4460737	4519569	1.48	cps
Indium	115-2	1008793	1036863	999280	1014979	1.93	cps
Iron	56-2	9230	7024	6757	7670	17.69	cps
Iron	57-2	2634	2422	2267	2441	7.54	cps
Krypton	83-1	113	127	130	123	7.15	cps
Lead	206-1	845	789	672	769	11.44	cps
Lead	207-1	722	683	667	691	4.13	cps
Lead	208-1	3184	3084	3011	3093	2.80	cps
Lithium	6-1	1543225	1520817	1504794	1522945	1.27	cps
Magnesium	24-2	780938	778248	769542	776243	0.77	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-05	Instrumnet Name :	P7
Client Sample ID :	MJLJ76	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:57:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7162	6828	7015	7002	2.39	cps
Molybdenum	94-1	325	300	317	314	4.06	cps
Molybdenum	95-1	258	225	258	247	7.79	cps
Molybdenum	96-1	292	300	292	294	1.64	cps
Molybdenum	97-1	158	208	150	172	18.32	cps
Molybdenum	98-1	500	408	292	400	26.10	cps
Neodymium	150-1	47	47	47	47	0.00	cps
Neodymium	150-2	13	13	27	18	43.33	cps
Nickel	60-2	2077	2090	2000	2056	2.36	cps
Phosphorus	31-2	108	108	92	103	9.36	cps
Potassium	39-2	214016	212095	208276	211462	1.38	cps
Rhodium	103-1	4000724	3943422	3899496	3947881	1.29	cps
Rhodium	103-2	1922096	1980317	1911864	1938092	1.91	cps
Scandium	45-1	2959615	2910116	2866611	2912114	1.60	cps
Scandium	45-2	131234	134625	129030	131630	2.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	28	17	28	24	26.64	cps
Selenium	82-1	37	31	22	30	25.81	cps
Silicon	28-1	22599027	22196829	22182605	22326154	1.06	cps
Silver	109-1	383	367	492	414	16.40	cps
Silver	107-1	317	467	417	400	19.10	cps
Sodium	23-2	822390	815829	818292	818837	0.40	cps
Strontium	86-1	111664	111061	111622	111449	0.30	cps
Strontium	88-1	990675	977058	975506	981080	0.85	cps
Sulfur	34-1	610758	603304	597184	603749	1.13	cps
Terbium	159-1	7147584	7084618	6995598	7075933	1.08	cps
Terbium	159-2	3629618	3731476	3647650	3669581	1.48	cps
Thallium	203-1	267	325	317	303	10.42	cps
Thallium	205-1	692	792	692	725	7.96	cps
Thorium	232-1	278	361	333	324	13.09	cps
Tin	118-1	550	433	442	475	13.70	cps
Titanium	47-1	550	667	517	578	13.63	cps
Uranium	238-1	675	500	592	589	14.86	cps
Vanadium	51-2	140	160	120	140	14.29	cps
Yttrium	89-1	4968439	4872580	4832778	4891266	1.43	cps
Yttrium	89-2	750393	777098	745155	757549	2.26	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-05	Instrumnet Name :	P7
Client Sample ID :	MJLJ76	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 18:57:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	425161	424508	420579	423416	0.59	cps
Zirconium	90-1	608	517	467	531	13.54	cps
Zirconium	91-1	117	108	100	108	7.69	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-06	Instrumnet Name :	P7
Client Sample ID :	MJLJ77	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:00:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	625	550	575	7.53	cps
Antimony	121-1	1400	1442	1709	1517	11.03	cps
Arsenic	75-2	59	57	61	59	3.12	cps
Barium	135-1	46847	46169	45158	46058	1.85	cps
Barium	137-1	80106	80341	79879	80109	0.29	cps
Beryllium	9-1	80	83	97	87	10.18	cps
Bismuth	209-1	4662550	4590740	4564646	4605978	1.10	cps
Bismuth	209-2	2784594	2776519	2769855	2776989	0.27	cps
Boron	10-1	3042	3434	3726	3401	10.09	cps
Boron	11-1	15108	16176	15383	15556	3.56	cps
Cadmium	111-1	9663	9529	9657	9616	0.79	cps
Cadmium	106-1	2792	2742	2575	2703	4.20	cps
Cadmium	108-1	658	717	721	699	5.00	cps
Calcium	43-1	708519	701135	695071	701575	0.96	cps
Calcium	44-1	11540765	11355757	11337636	11411386	0.99	cps
Chromium	52-2	257	210	243	237	10.16	cps
Cobalt	59-2	953	1010	960	974	3.18	cps
Copper	63-2	2144	2120	2247	2170	3.11	cps
Dysprosium	156-1	42	33	50	42	20.00	cps
Dysprosium	156-2	23	23	20	22	8.65	cps
Erbium	164-1	58	117	33	69	61.58	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	153	203	180	179	13.99	cps
Holmium	165-1	6794481	6716757	6648426	6719888	1.09	cps
Holmium	165-2	3718248	3703796	3692700	3704915	0.35	cps
Indium	115-1	4482462	4390329	4372551	4415114	1.34	cps
Indium	115-2	999869	997405	998198	998491	0.13	cps
Iron	56-2	17477	17444	18067	17663	1.98	cps
Iron	57-2	5351	5323	5379	5351	0.52	cps
Krypton	83-1	133	120	110	121	9.67	cps
Lead	206-1	1783	1856	1772	1804	2.51	cps
Lead	207-1	1834	1645	1767	1748	5.48	cps
Lead	208-1	7601	7496	7690	7596	1.28	cps
Lithium	6-1	1506305	1479450	1470755	1485503	1.25	cps
Magnesium	24-2	1603932	1601016	1592356	1599101	0.38	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-06	Instrumnet Name :	P7
Client Sample ID :	MJLJ77	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:00:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	549133	545752	546910	547265	0.31	cps
Molybdenum	94-1	383	442	383	403	8.36	cps
Molybdenum	95-1	333	408	375	372	10.10	cps
Molybdenum	96-1	508	467	508	494	4.87	cps
Molybdenum	97-1	283	233	225	247	12.76	cps
Molybdenum	98-1	542	617	542	567	7.64	cps
Neodymium	150-1	73	40	47	53	33.08	cps
Neodymium	150-2	17	30	23	23	28.56	cps
Nickel	60-2	1473	1677	1503	1551	7.08	cps
Phosphorus	31-2	67	142	67	92	47.24	cps
Potassium	39-2	397617	394061	397069	396249	0.48	cps
Rhodium	103-1	3908503	3798024	3797459	3834662	1.67	cps
Rhodium	103-2	1902810	1892004	1894844	1896553	0.30	cps
Scandium	45-1	2880824	2829067	2816687	2842193	1.20	cps
Scandium	45-2	132243	129728	131305	131092	0.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	26	24	13	21	33.42	cps
Selenium	82-1	31	27	32	30	8.88	cps
Silicon	28-1	16259537	16021578	15974016	16085044	0.95	cps
Silver	109-1	300	400	333	344	14.78	cps
Silver	107-1	392	458	442	431	8.06	cps
Sodium	23-2	3146060	3128216	3136992	3137089	0.28	cps
Strontium	86-1	190986	189685	186967	189213	1.08	cps
Strontium	88-1	1680826	1653436	1637333	1657198	1.33	cps
Sulfur	34-1	1206484	1194252	1185516	1195417	0.88	cps
Terbium	159-1	7014602	6947149	6881014	6947588	0.96	cps
Terbium	159-2	3643482	3636133	3609585	3629733	0.49	cps
Thallium	203-1	225	183	217	208	10.58	cps
Thallium	205-1	575	583	400	519	19.93	cps
Thorium	232-1	317	361	283	320	12.18	cps
Tin	118-1	467	508	467	481	5.01	cps
Titanium	47-1	442	483	442	456	5.28	cps
Uranium	238-1	1734	1692	1525	1650	6.68	cps
Vanadium	51-2	100	80	143	108	30.04	cps
Yttrium	89-1	4861547	4775678	4755721	4797649	1.17	cps
Yttrium	89-2	755522	750367	746474	750787	0.60	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-06	Instrumnet Name :	P7
Client Sample ID :	MJLJ77	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:00:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	374964	374102	375522	374863	0.19	cps
Zirconium	90-1	650	550	517	572	12.13	cps
Zirconium	91-1	83	117	108	103	16.88	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:04:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	275	308	361	33.63	cps
Antimony	121-1	1017	1100	975	1031	6.18	cps
Arsenic	75-2	498	522	506	509	2.42	cps
Barium	135-1	83383	81716	84338	83146	1.60	cps
Barium	137-1	148721	143266	145925	145971	1.87	cps
Beryllium	9-1	80	77	93	83	10.58	cps
Bismuth	209-1	4674815	4643983	4705752	4674850	0.66	cps
Bismuth	209-2	2719151	2848330	2892815	2820099	3.20	cps
Boron	10-1	2634	2400	2575	2536	4.79	cps
Boron	11-1	11964	11597	12072	11877	2.10	cps
Cadmium	111-1	108	114	138	120	13.54	cps
Cadmium	106-1	1934	1767	2042	1914	7.24	cps
Cadmium	108-1	42	50	67	53	24.12	cps
Calcium	43-1	431274	424199	420493	425322	1.29	cps
Calcium	44-1	7007462	6889661	6861935	6919686	1.12	cps
Chromium	52-2	280	273	280	278	1.39	cps
Cobalt	59-2	9577	9497	9380	9484	1.04	cps
Copper	63-2	1160	1160	1113	1145	2.35	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Dysprosium	156-2	13	30	27	23	37.81	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	23	50	33	36	37.90	cps
Gadolinium	160-1	92	50	67	69	30.20	cps
Gadolinium	160-2	120	157	107	128	20.26	cps
Holmium	165-1	6726413	6647114	6705602	6693043	0.61	cps
Holmium	165-2	3547795	3710478	3781480	3679918	3.26	cps
Indium	115-1	4421314	4387697	4406349	4405120	0.38	cps
Indium	115-2	952999	997403	1019260	989887	3.41	cps
Iron	56-2	3353353	3344192	3343907	3347151	0.16	cps
Iron	57-2	87839	87392	87621	87617	0.26	cps
Krypton	83-1	127	93	143	121	21.02	cps
Lead	206-1	856	878	833	856	2.60	cps
Lead	207-1	861	783	872	839	5.77	cps
Lead	208-1	3811	3723	3939	3824	2.85	cps
Lithium	6-1	1457158	1424616	1427394	1436389	1.26	cps
Magnesium	24-2	1276501	1277092	1272660	1275418	0.19	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:04:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1608929	1612214	1598696	1606613	0.44	cps
Molybdenum	94-1	958	692	633	761	22.77	cps
Molybdenum	95-1	750	783	825	786	4.78	cps
Molybdenum	96-1	800	800	667	756	10.19	cps
Molybdenum	97-1	433	425	383	414	6.47	cps
Molybdenum	98-1	950	1100	1142	1064	9.48	cps
Neodymium	150-1	60	60	67	62	6.19	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	3621	3754	3544	3639	2.92	cps
Phosphorus	31-2	133	200	242	192	28.51	cps
Potassium	39-2	225002	224026	222070	223699	0.67	cps
Rhodium	103-1	3862884	3793830	3812911	3823208	0.93	cps
Rhodium	103-2	1816417	1902459	1937342	1885406	3.30	cps
Scandium	45-1	2820150	2768543	2782511	2790401	0.96	cps
Scandium	45-2	123075	128296	130051	127141	2.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	31	19	25	26.34	cps
Selenium	82-1	18	59	32	36	57.29	cps
Silicon	28-1	24651473	24092033	24166064	24303190	1.25	cps
Silver	109-1	283	325	300	303	6.93	cps
Silver	107-1	250	358	400	336	23.04	cps
Sodium	23-2	1006453	1002157	996903	1001838	0.48	cps
Strontium	86-1	142408	137781	136929	139039	2.12	cps
Strontium	88-1	1235152	1209933	1216592	1220559	1.07	cps
Sulfur	34-1	820405	804091	799875	808124	1.34	cps
Terbium	159-1	6901070	6862692	6940165	6901309	0.56	cps
Terbium	159-2	3503256	3630616	3704064	3612645	2.81	cps
Thallium	203-1	217	150	150	172	22.35	cps
Thallium	205-1	350	517	350	406	23.73	cps
Thorium	232-1	422	411	356	396	9.01	cps
Tin	118-1	458	425	458	447	4.30	cps
Titanium	47-1	658	658	592	636	6.05	cps
Uranium	238-1	475	367	392	411	13.80	cps
Vanadium	51-2	130	153	167	150	12.37	cps
Yttrium	89-1	4757869	4723042	4757567	4746159	0.42	cps
Yttrium	89-2	716540	742683	757391	738872	2.80	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:04:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	537250	537166	531717	535378	0.59	cps
Zirconium	90-1	692	958	983	878	18.42	cps
Zirconium	91-1	217	100	158	158	36.84	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:08:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	308	325	319	3.01	cps
Antimony	121-1	1508	1467	1608	1528	4.77	cps
Arsenic	75-2	1645	1685	1511	1614	5.64	cps
Barium	135-1	46161	45927	44321	45470	2.20	cps
Barium	137-1	82872	80768	80182	81274	1.74	cps
Beryllium	9-1	97	70	87	84	15.95	cps
Bismuth	209-1	4655593	4538750	4482397	4558913	1.94	cps
Bismuth	209-2	2757577	2772886	2741421	2757295	0.57	cps
Boron	10-1	2034	1975	2242	2084	6.73	cps
Boron	11-1	9053	8653	8736	8814	2.40	cps
Cadmium	111-1	97	108	89	98	10.14	cps
Cadmium	106-1	2167	2317	2009	2164	7.13	cps
Cadmium	108-1	200	213	175	196	9.75	cps
Calcium	43-1	735299	716661	709538	720499	1.85	cps
Calcium	44-1	11994167	11659040	11553794	11735667	1.96	cps
Chromium	52-2	303	263	253	273	9.68	cps
Cobalt	59-2	15865	16209	16369	16148	1.59	cps
Copper	63-2	967	1100	1110	1059	7.56	cps
Dysprosium	156-1	192	142	208	181	19.22	cps
Dysprosium	156-2	147	97	110	118	21.98	cps
Erbium	164-1	192	133	108	144	29.61	cps
Erbium	164-2	100	83	87	90	9.80	cps
Gadolinium	160-1	200	233	192	208	10.58	cps
Gadolinium	160-2	210	213	203	209	2.44	cps
Holmium	165-1	6750319	6651643	6564481	6655481	1.40	cps
Holmium	165-2	3680146	3667345	3634558	3660683	0.64	cps
Indium	115-1	4443697	4323780	4258605	4342027	2.16	cps
Indium	115-2	981934	983326	982586	982615	0.07	cps
Iron	56-2	8188631	8125987	8072244	8128954	0.72	cps
Iron	57-2	208506	211726	207068	209100	1.14	cps
Krypton	83-1	130	113	157	133	16.39	cps
Lead	206-1	1311	1322	1189	1274	5.81	cps
Lead	207-1	1161	1150	1156	1156	0.48	cps
Lead	208-1	5162	5184	4995	5114	2.02	cps
Lithium	6-1	1426920	1388554	1363114	1392863	2.31	cps
Magnesium	24-2	1860158	1848862	1844674	1851232	0.43	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:08:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2482727	2467644	2451773	2467381	0.63	cps
Molybdenum	94-1	717	658	583	653	10.24	cps
Molybdenum	95-1	917	758	733	803	12.39	cps
Molybdenum	96-1	875	833	958	889	7.16	cps
Molybdenum	97-1	558	350	483	464	22.75	cps
Molybdenum	98-1	1183	1150	1167	1167	1.43	cps
Neodymium	150-1	220	187	187	198	9.73	cps
Neodymium	150-2	73	113	77	88	25.28	cps
Nickel	60-2	4384	4287	4641	4437	4.12	cps
Phosphorus	31-2	142	158	192	164	15.54	cps
Potassium	39-2	288469	285175	281898	285181	1.15	cps
Rhodium	103-1	3863941	3748941	3708525	3773802	2.14	cps
Rhodium	103-2	1859326	1852145	1858952	1856807	0.22	cps
Scandium	45-1	2818915	2742973	2698142	2753344	2.22	cps
Scandium	45-2	127566	126447	126370	126794	0.53	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	26	37	19	27	34.32	cps
Selenium	82-1	21	41	-15	16	180.14	cps
Silicon	28-1	20297322	19771659	19544471	19871150	1.94	cps
Silver	109-1	250	308	258	272	11.59	cps
Silver	107-1	275	317	383	325	16.82	cps
Sodium	23-2	3380879	3365700	3352781	3366453	0.42	cps
Strontium	86-1	212176	204342	203412	206643	2.33	cps
Strontium	88-1	1852562	1800594	1777025	1810060	2.14	cps
Sulfur	34-1	1623542	1571663	1565452	1586885	2.01	cps
Terbium	159-1	7023041	6873746	6801879	6899555	1.64	cps
Terbium	159-2	3609531	3581017	3590487	3593678	0.40	cps
Thallium	203-1	108	250	200	186	38.60	cps
Thallium	205-1	517	408	492	472	12.01	cps
Thorium	232-1	367	400	406	391	5.38	cps
Tin	118-1	450	350	400	400	12.50	cps
Titanium	47-1	458	667	500	542	20.35	cps
Uranium	238-1	592	392	567	517	21.09	cps
Vanadium	51-2	123	107	120	117	7.56	cps
Yttrium	89-1	4796555	4702863	4624815	4708078	1.83	cps
Yttrium	89-2	736220	732210	732021	733484	0.32	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:08:09	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2054664	2053017	2056095	2054592	0.07	cps
Zirconium	90-1	667	708	583	653	9.75	cps
Zirconium	91-1	167	158	92	139	29.60	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:11:45	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	217	208	183	27.65	cps
Antimony	121-1	2459	2467	2759	2561	6.67	cps
Arsenic	75-2	2884	2850	2793	2842	1.62	cps
Barium	135-1	59186	57896	56884	57988	1.99	cps
Barium	137-1	100553	100177	101527	100752	0.69	cps
Beryllium	9-1	73	30	53	52	41.53	cps
Bismuth	209-1	4645038	4582673	4547314	4591675	1.08	cps
Bismuth	209-2	2786843	2768240	2811963	2789015	0.79	cps
Boron	10-1	2567	2317	2534	2473	5.49	cps
Boron	11-1	10446	10679	10854	10660	1.92	cps
Cadmium	111-1	229	215	138	194	25.06	cps
Cadmium	106-1	2525	2334	2334	2398	4.62	cps
Cadmium	108-1	296	208	250	251	17.41	cps
Calcium	43-1	444331	429902	425004	433079	2.32	cps
Calcium	44-1	7161652	7061237	7040587	7087825	0.91	cps
Chromium	52-2	330	290	263	294	11.40	cps
Cobalt	59-2	20037	19910	20011	19986	0.33	cps
Copper	63-2	1023	900	947	957	6.51	cps
Dysprosium	156-1	133	117	150	133	12.50	cps
Dysprosium	156-2	47	73	67	62	22.30	cps
Erbium	164-1	117	83	125	108	20.35	cps
Erbium	164-2	103	73	73	83	20.79	cps
Gadolinium	160-1	150	142	167	153	8.33	cps
Gadolinium	160-2	190	147	110	149	26.90	cps
Holmium	165-1	6774486	6682942	6683434	6713620	0.79	cps
Holmium	165-2	3683556	3657506	3722371	3687811	0.89	cps
Indium	115-1	4408210	4360548	4316436	4361731	1.05	cps
Indium	115-2	985002	980879	990918	985600	0.51	cps
Iron	56-2	26248005	26184576	25740881	26057820	1.06	cps
Iron	57-2	653745	651229	645978	650318	0.61	cps
Krypton	83-1	127	147	140	138	7.39	cps
Lead	206-1	1117	1061	1056	1078	3.14	cps
Lead	207-1	1111	878	811	933	16.88	cps
Lead	208-1	4550	4139	3834	4174	8.62	cps
Lithium	6-1	1404795	1384203	1369583	1386194	1.28	cps
Magnesium	24-2	2629005	2609308	2568766	2602360	1.18	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:11:45	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6886579	6858401	6729799	6824926	1.22	cps
Molybdenum	94-1	1917	1917	1900	1911	0.50	cps
Molybdenum	95-1	2717	2375	2634	2575	6.92	cps
Molybdenum	96-1	2975	3000	3075	3017	1.72	cps
Molybdenum	97-1	1575	1417	1400	1464	6.60	cps
Molybdenum	98-1	3409	3876	3451	3578	7.22	cps
Neodymium	150-1	107	153	140	133	18.03	cps
Neodymium	150-2	37	70	17	41	65.53	cps
Nickel	60-2	3290	3190	3330	3270	2.21	cps
Phosphorus	31-2	167	183	142	164	12.80	cps
Potassium	39-2	236447	236072	233856	235458	0.59	cps
Rhodium	103-1	3873533	3793577	3783984	3817031	1.29	cps
Rhodium	103-2	1872311	1874538	1901670	1882840	0.87	cps
Scandium	45-1	2819317	2764008	2724831	2769385	1.71	cps
Scandium	45-2	126212	126168	127301	126560	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	22	13	19	27.94	cps
Selenium	82-1	26	18	41	28	42.51	cps
Silicon	28-1	29775089	29223260	29083926	29360758	1.24	cps
Silver	109-1	208	167	225	200	15.02	cps
Silver	107-1	292	308	317	306	4.17	cps
Sodium	23-2	1080355	1082875	1058801	1074010	1.23	cps
Strontium	86-1	258935	251911	248038	252961	2.18	cps
Strontium	88-1	2241748	2209363	2184011	2211707	1.31	cps
Sulfur	34-1	798022	781490	776818	785443	1.42	cps
Terbium	159-1	6960730	6925902	6855937	6914190	0.77	cps
Terbium	159-2	3601544	3597531	3631596	3610224	0.52	cps
Thallium	203-1	300	267	242	269	10.86	cps
Thallium	205-1	600	650	650	633	4.56	cps
Thorium	232-1	394	389	289	357	16.62	cps
Tin	118-1	350	350	392	364	6.61	cps
Titanium	47-1	708	667	817	731	10.60	cps
Uranium	238-1	1417	1759	1225	1467	18.42	cps
Vanadium	51-2	140	140	177	152	13.91	cps
Yttrium	89-1	4801523	4752300	4716064	4756629	0.90	cps
Yttrium	89-2	741428	735546	747375	741450	0.80	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:11:45	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2590477	2582275	2554750	2575834	0.73	cps
Zirconium	90-1	1617	1708	1583	1636	3.96	cps
Zirconium	91-1	300	375	375	350	12.37	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-10	Instrumnet Name :	P7
Client Sample ID :	MJLJ81	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:15:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	208	167	211	21.74	cps
Antimony	121-1	1058	1000	1067	1042	3.49	cps
Arsenic	75-2	1776	1774	1733	1761	1.37	cps
Barium	135-1	69056	69180	67673	68636	1.22	cps
Barium	137-1	123428	118940	118594	120321	2.24	cps
Beryllium	9-1	73	77	67	72	7.05	cps
Bismuth	209-1	4849682	4670032	4621548	4713754	2.55	cps
Bismuth	209-2	2823466	2851840	2824066	2833124	0.57	cps
Boron	10-1	2059	1775	1925	1920	7.39	cps
Boron	11-1	8386	8453	8428	8422	0.40	cps
Cadmium	111-1	100	137	120	119	15.57	cps
Cadmium	106-1	1884	1984	1617	1828	10.37	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	712938	702891	690707	702179	1.59	cps
Calcium	44-1	11635758	11457824	11260851	11451478	1.64	cps
Chromium	52-2	333	363	327	341	5.72	cps
Cobalt	59-2	7065	6845	7145	7018	2.21	cps
Copper	63-2	1447	1343	1263	1351	6.80	cps
Dysprosium	156-1	100	100	108	103	4.68	cps
Dysprosium	156-2	47	87	67	67	30.00	cps
Erbium	164-1	125	100	117	114	11.18	cps
Erbium	164-2	47	47	70	54	24.74	cps
Gadolinium	160-1	225	133	142	167	30.41	cps
Gadolinium	160-2	180	197	173	183	6.55	cps
Holmium	165-1	6977606	6772985	6802282	6850958	1.62	cps
Holmium	165-2	3728606	3753749	3718879	3733745	0.48	cps
Indium	115-1	4557774	4409672	4379627	4449025	2.14	cps
Indium	115-2	993064	1006527	990949	996847	0.85	cps
Iron	56-2	23966860	23606348	23453461	23675556	1.11	cps
Iron	57-2	599150	597814	588771	595245	0.95	cps
Krypton	83-1	150	120	97	122	21.87	cps
Lead	206-1	1128	1033	1239	1133	9.08	cps
Lead	207-1	939	956	883	926	4.08	cps
Lead	208-1	4384	4262	4400	4349	1.74	cps
Lithium	6-1	1433363	1393456	1378792	1401870	2.01	cps
Magnesium	24-2	1626598	1610489	1613864	1616983	0.53	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-10	Instrumnet Name :	P7
Client Sample ID :	MJLJ81	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:15:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1213459	1200429	1192707	1202198	0.87	cps
Molybdenum	94-1	1508	1442	1517	1489	2.76	cps
Molybdenum	95-1	2017	2009	1992	2006	0.63	cps
Molybdenum	96-1	2609	2425	2025	2353	12.68	cps
Molybdenum	97-1	1183	1167	1150	1167	1.43	cps
Molybdenum	98-1	3084	3126	3025	3078	1.63	cps
Neodymium	150-1	93	120	107	107	12.50	cps
Neodymium	150-2	40	27	43	37	24.04	cps
Nickel	60-2	367	280	407	351	18.44	cps
Phosphorus	31-2	442	508	467	472	7.13	cps
Potassium	39-2	290884	285420	283561	286622	1.33	cps
Rhodium	103-1	3944838	3829198	3825658	3866565	1.75	cps
Rhodium	103-2	1886623	1905230	1877093	1889649	0.76	cps
Scandium	45-1	2875888	2773932	2752371	2800731	2.36	cps
Scandium	45-2	126787	127714	125432	126644	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	17	20	20	18.16	cps
Selenium	82-1	-8	38	63	31	116.13	cps
Silicon	28-1	32016478	31670277	31104125	31596960	1.46	cps
Silver	109-1	158	300	200	219	33.18	cps
Silver	107-1	250	308	308	289	11.66	cps
Sodium	23-2	1566179	1552983	1536867	1552010	0.95	cps
Strontium	86-1	186344	184156	181853	184118	1.22	cps
Strontium	88-1	1645107	1611386	1591638	1616044	1.67	cps
Sulfur	34-1	1067842	1065244	1041961	1058349	1.35	cps
Terbium	159-1	7209743	7050427	6998650	7086273	1.55	cps
Terbium	159-2	3637216	3695483	3633662	3655454	0.95	cps
Thallium	203-1	167	183	175	175	4.76	cps
Thallium	205-1	458	275	292	342	29.67	cps
Thorium	232-1	406	367	400	391	5.38	cps
Tin	118-1	433	358	375	389	10.13	cps
Titanium	47-1	967	833	833	878	8.77	cps
Uranium	238-1	533	608	600	581	7.08	cps
Vanadium	51-2	197	197	187	193	2.99	cps
Yttrium	89-1	4938291	4809793	4799214	4849099	1.60	cps
Yttrium	89-2	745798	750013	737733	744515	0.84	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-10	Instrumnet Name :	P7
Client Sample ID :	MJLJ81	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:15:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15322	14801	14848	14990	1.92	cps
Zirconium	90-1	1350	1283	1225	1286	4.86	cps
Zirconium	91-1	367	292	300	319	12.87	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BL	Instrumnet Name :	P7
Client Sample ID :	PBW435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:18:58	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1759	1567	1692	1672	5.82	cps
Antimony	121-1	13766	14308	14174	14083	2.01	cps
Arsenic	75-2	206	215	287	236	18.92	cps
Barium	135-1	20574	20374	20215	20388	0.88	cps
Barium	137-1	35781	36090	35471	35781	0.86	cps
Beryllium	9-1	1773	1663	1683	1707	3.43	cps
Bismuth	209-1	4176959	4166212	4119323	4154165	0.74	cps
Bismuth	209-2	2617074	2624536	2611092	2617567	0.26	cps
Boron	10-1	6118	5718	5826	5887	3.52	cps
Boron	11-1	25597	27267	26716	26527	3.21	cps
Cadmium	111-1	502	555	462	507	9.20	cps
Cadmium	106-1	1934	1909	1992	1945	2.20	cps
Cadmium	108-1	71	46	75	64	24.70	cps
Calcium	43-1	11847	11838	12164	11950	1.55	cps
Calcium	44-1	194704	196160	195214	195359	0.38	cps
Chromium	52-2	4554	5014	4848	4805	4.85	cps
Cobalt	59-2	3470	3524	3364	3453	2.36	cps
Copper	63-2	5068	4914	4974	4985	1.55	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	33	58	17	36	58.08	cps
Gadolinium	160-2	93	100	110	101	8.29	cps
Holmium	165-1	5995960	6045603	5996799	6012787	0.47	cps
Holmium	165-2	3432989	3439064	3416626	3429560	0.34	cps
Indium	115-1	4045674	4046560	4045807	4046014	0.01	cps
Indium	115-2	945406	952638	955104	951049	0.53	cps
Iron	56-2	420519	424175	419592	421429	0.57	cps
Iron	57-2	10343	10443	10126	10304	1.57	cps
Krypton	83-1	147	107	137	130	16.01	cps
Lead	206-1	8164	7819	8242	8075	2.78	cps
Lead	207-1	7035	6869	6624	6843	3.02	cps
Lead	208-1	32211	31694	31410	31771	1.28	cps
Lithium	6-1	1267625	1279493	1275229	1274116	0.47	cps
Magnesium	24-2	91521	91679	94975	92725	2.10	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BL	Instrumnet Name :	P7
Client Sample ID :	PBW435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:18:58	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1640	1687	1683	1670	1.56	cps
Molybdenum	94-1	15459	15017	15300	15259	1.47	cps
Molybdenum	95-1	18888	18780	19097	18922	0.85	cps
Molybdenum	96-1	21333	21233	21417	21328	0.43	cps
Molybdenum	97-1	11647	11722	11063	11477	3.14	cps
Molybdenum	98-1	31544	29373	30241	30386	3.60	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	943	873	1023	947	7.93	cps
Phosphorus	31-2	92	67	75	78	16.37	cps
Potassium	39-2	98241	100506	99675	99474	1.15	cps
Rhodium	103-1	3626066	3583891	3602979	3604312	0.59	cps
Rhodium	103-2	1830289	1827680	1836643	1831537	0.25	cps
Scandium	45-1	2584152	2613910	2592636	2596899	0.59	cps
Scandium	45-2	122403	123512	123680	123199	0.56	cps
Selenium	77-2	37	33	47	39	17.85	cps
Selenium	78-2	143	150	170	154	9.32	cps
Selenium	82-1	743	814	763	774	4.72	cps
Silicon	28-1	125220	125783	124448	125150	0.54	cps
Silver	109-1	8978	8736	8761	8825	1.51	cps
Silver	107-1	9003	9395	9520	9306	2.90	cps
Sodium	23-2	175060	174325	175853	175080	0.44	cps
Strontium	86-1	2525	2634	2600	2586	2.15	cps
Strontium	88-1	22619	22385	22585	22530	0.56	cps
Sulfur	34-1	162223	163893	163219	163112	0.51	cps
Terbium	159-1	6171879	6254795	6200838	6209171	0.68	cps
Terbium	159-2	3364290	3360061	3362398	3362250	0.06	cps
Thallium	203-1	9129	9646	9395	9390	2.75	cps
Thallium	205-1	21526	22587	20859	21657	4.02	cps
Thorium	232-1	233	239	372	281	27.94	cps
Tin	118-1	32680	32505	32355	32513	0.50	cps
Titanium	47-1	5101	5243	4926	5090	3.12	cps
Uranium	238-1	35391	34631	34914	34979	1.10	cps
Vanadium	51-2	9130	9497	9336	9321	1.97	cps
Yttrium	89-1	4371330	4364539	4364658	4366842	0.09	cps
Yttrium	89-2	710920	711047	712904	711624	0.16	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BL	Instrumnet Name :	P7
Client Sample ID :	PBW435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:18:58	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1130	953	1027	1037	8.56	cps
Zirconium	90-1	13131	13716	13048	13298	2.73	cps
Zirconium	91-1	3134	3100	2659	2964	8.95	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BS	Instrumnet Name :	P7
Client Sample ID :	LCS435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:22:35	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	100	150	108	35.25	cps
Antimony	121-1	133	158	208	167	22.91	cps
Arsenic	75-2	2	9	7	6	62.47	cps
Barium	135-1	100	83	92	92	9.09	cps
Barium	137-1	133	175	100	136	27.61	cps
Beryllium	9-1	60	63	93	72	25.43	cps
Bismuth	209-1	4234329	4184219	4188504	4202351	0.66	cps
Bismuth	209-2	2673246	2641960	2647001	2654069	0.63	cps
Boron	10-1	492	542	592	542	9.23	cps
Boron	11-1	2759	2100	2459	2439	13.52	cps
Cadmium	111-1	102	112	119	111	7.53	cps
Cadmium	106-1	1709	1984	1792	1828	7.72	cps
Cadmium	108-1	13	13	0	8	86.60	cps
Calcium	43-1	217	225	183	208	10.58	cps
Calcium	44-1	4426	4251	4034	4237	4.63	cps
Chromium	52-2	440	343	403	396	12.34	cps
Cobalt	59-2	37	43	40	40	8.32	cps
Copper	63-2	373	450	457	427	10.85	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	133	140	103	126	15.55	cps
Holmium	165-1	6075678	6064688	6076828	6072398	0.11	cps
Holmium	165-2	3502908	3462398	3471720	3479009	0.61	cps
Indium	115-1	4126378	4106304	4097336	4110006	0.36	cps
Indium	115-2	971917	967813	972259	970663	0.25	cps
Iron	56-2	5095	4751	5179	5008	4.53	cps
Iron	57-2	122	144	183	150	20.62	cps
Krypton	83-1	137	120	137	131	7.34	cps
Lead	206-1	406	367	428	400	7.73	cps
Lead	207-1	289	311	306	302	3.83	cps
Lead	208-1	1495	1672	1511	1559	6.30	cps
Lithium	6-1	1336449	1333166	1335369	1334995	0.13	cps
Magnesium	24-2	642	783	692	706	10.18	cps

LB Number : LB103296 Operator : Jaswal
 Lab Sample ID : PB120435BS Instrumnet Name : P7
 Client Sample ID : LCS435 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-09 19:22:35 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	120	83	103	17.96	cps
Molybdenum	94-1	200	267	283	250	17.64	cps
Molybdenum	95-1	167	167	225	186	18.10	cps
Molybdenum	96-1	208	267	192	222	17.72	cps
Molybdenum	97-1	133	133	142	136	3.53	cps
Molybdenum	98-1	275	192	283	250	20.27	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	47	50	50	49	3.93	cps
Phosphorus	31-2	83	33	67	61	41.67	cps
Potassium	39-2	9278	9937	9086	9434	4.73	cps
Rhodium	103-1	3687662	3683346	3676440	3682483	0.15	cps
Rhodium	103-2	1866658	1854582	1868980	1863407	0.41	cps
Scandium	45-1	2699067	2664810	2680590	2681489	0.64	cps
Scandium	45-2	128064	128360	128350	128258	0.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	28	35	28	22.91	cps
Selenium	82-1	18	29	24	24	24.84	cps
Silicon	28-1	79486	78230	78330	78682	0.89	cps
Silver	109-1	100	100	50	83	34.64	cps
Silver	107-1	125	83	108	106	19.87	cps
Sodium	23-2	4234	4117	4509	4287	4.69	cps
Strontium	86-1	267	250	217	244	10.41	cps
Strontium	88-1	483	450	392	442	10.51	cps
Sulfur	34-1	168610	169629	173592	170610	1.54	cps
Terbium	159-1	6293265	6300264	6342273	6311934	0.42	cps
Terbium	159-2	3420980	3415728	3431100	3422603	0.23	cps
Thallium	203-1	100	108	125	111	11.46	cps
Thallium	205-1	283	233	308	275	13.89	cps
Thorium	232-1	250	267	267	261	3.69	cps
Tin	118-1	200	108	233	181	35.85	cps
Titanium	47-1	83	125	92	100	22.05	cps
Uranium	238-1	242	300	175	239	26.18	cps
Vanadium	51-2	30	17	27	24	28.38	cps
Yttrium	89-1	4468104	4453584	4444660	4455450	0.27	cps
Yttrium	89-2	728140	726296	730280	728239	0.27	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	PB120435BS	Instrumnet Name :	P7
Client Sample ID :	LCS435	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:22:35	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	207	280	177	221	24.04	cps
Zirconium	90-1	475	483	333	431	19.58	cps
Zirconium	91-1	25	92	183	100	79.50	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:26:13	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	225	300	275	15.75	cps
Antimony	121-1	192	175	225	197	12.91	cps
Arsenic	75-2	15	6	13	11	44.06	cps
Barium	135-1	12573	13365	12990	12976	3.06	cps
Barium	137-1	23437	22244	22310	22664	2.96	cps
Beryllium	9-1	53	63	50	56	12.49	cps
Bismuth	209-1	4434419	4401055	4349361	4394945	0.98	cps
Bismuth	209-2	2741536	2740145	2745668	2742450	0.10	cps
Boron	10-1	1625	1392	1650	1556	9.16	cps
Boron	11-1	6385	6652	6427	6488	2.21	cps
Cadmium	111-1	266	252	345	287	17.40	cps
Cadmium	106-1	1925	1950	2000	1959	1.95	cps
Cadmium	108-1	29	50	42	40	26.03	cps
Calcium	43-1	167730	166225	164293	166083	1.04	cps
Calcium	44-1	2746031	2675657	2668540	2696743	1.59	cps
Chromium	52-2	347	417	360	374	9.93	cps
Cobalt	59-2	197	230	210	212	7.91	cps
Copper	63-2	750	890	820	820	8.54	cps
Dysprosium	156-1	33	42	75	50	44.10	cps
Dysprosium	156-2	30	17	30	26	30.11	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	50	83	25	53	55.46	cps
Gadolinium	160-2	110	113	123	116	6.01	cps
Holmium	165-1	6375403	6286818	6342413	6334878	0.71	cps
Holmium	165-2	3575118	3559653	3551513	3562095	0.34	cps
Indium	115-1	4257350	4223859	4183151	4221453	0.88	cps
Indium	115-2	970458	965928	967796	968061	0.24	cps
Iron	56-2	6374	6596	6074	6348	4.13	cps
Iron	57-2	1383	1489	1339	1404	5.49	cps
Krypton	83-1	153	123	147	141	11.16	cps
Lead	206-1	1011	1011	1056	1026	2.50	cps
Lead	207-1	972	917	767	885	12.01	cps
Lead	208-1	4267	4212	3861	4113	5.35	cps
Lithium	6-1	1395293	1379097	1368625	1381005	0.97	cps
Magnesium	24-2	366836	360573	365187	364199	0.89	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:26:13	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3621	3370	3544	3512	3.65	cps
Molybdenum	94-1	350	225	292	289	21.65	cps
Molybdenum	95-1	208	217	192	206	6.19	cps
Molybdenum	96-1	258	275	275	269	3.57	cps
Molybdenum	97-1	75	208	175	153	45.42	cps
Molybdenum	98-1	333	225	400	319	27.65	cps
Neodymium	150-1	33	13	33	27	43.31	cps
Neodymium	150-2	10	13	30	18	60.28	cps
Nickel	60-2	1550	1733	1643	1642	5.58	cps
Phosphorus	31-2	125	50	50	75	57.74	cps
Potassium	39-2	98577	98459	97242	98093	0.75	cps
Rhodium	103-1	3755729	3729414	3675128	3720090	1.10	cps
Rhodium	103-2	1866670	1845865	1853584	1855373	0.57	cps
Scandium	45-1	2760143	2699428	2689899	2716490	1.40	cps
Scandium	45-2	125499	123926	125049	124824	0.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	17	22	22	25.00	cps
Selenium	82-1	2	27	8	12	106.46	cps
Silicon	28-1	13888054	13789436	13651554	13776348	0.86	cps
Silver	109-1	125	192	167	161	20.90	cps
Silver	107-1	133	217	133	161	29.86	cps
Sodium	23-2	692870	688761	685123	688918	0.56	cps
Strontium	86-1	49520	47455	48241	48405	2.15	cps
Strontium	88-1	424372	417012	411774	417720	1.52	cps
Sulfur	34-1	472918	465183	462596	466899	1.15	cps
Terbium	159-1	6591624	6586733	6521999	6566785	0.59	cps
Terbium	159-2	3503233	3498186	3495187	3498868	0.12	cps
Thallium	203-1	167	92	100	119	34.42	cps
Thallium	205-1	225	317	283	275	16.87	cps
Thorium	232-1	267	306	272	281	7.47	cps
Tin	118-1	250	367	317	311	18.81	cps
Titanium	47-1	350	342	383	358	6.15	cps
Uranium	238-1	467	333	433	411	16.88	cps
Vanadium	51-2	57	60	37	51	24.69	cps
Yttrium	89-1	4614366	4545777	4557201	4572448	0.80	cps
Yttrium	89-2	725887	719167	721926	722327	0.47	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:26:13	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	181194	180284	180000	180493	0.35	cps
Zirconium	90-1	433	450	358	414	11.80	cps
Zirconium	91-1	133	75	92	100	30.05	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:29:50	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	242	158	208	21.17	cps
Antimony	121-1	175	250	258	228	20.15	cps
Arsenic	75-2	9	13	11	11	16.65	cps
Barium	135-1	12756	12681	12031	12489	3.20	cps
Barium	137-1	22770	22594	20733	22032	5.12	cps
Beryllium	9-1	77	67	63	69	10.08	cps
Bismuth	209-1	4413129	4365645	4300086	4359620	1.30	cps
Bismuth	209-2	2684392	2694450	2706726	2695189	0.42	cps
Boron	10-1	1658	1425	1392	1492	9.74	cps
Boron	11-1	6552	6001	6293	6282	4.38	cps
Cadmium	111-1	290	241	275	269	9.47	cps
Cadmium	106-1	1800	1642	1834	1759	5.82	cps
Cadmium	108-1	38	38	50	42	17.32	cps
Calcium	43-1	159915	158880	157270	158688	0.84	cps
Calcium	44-1	2597973	2584878	2562256	2581702	0.70	cps
Chromium	52-2	297	307	350	318	8.92	cps
Cobalt	59-2	247	233	207	229	8.90	cps
Copper	63-2	833	747	843	808	6.58	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	17	27	40	28	42.13	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	30	20	17	22	31.22	cps
Gadolinium	160-1	42	92	75	69	36.66	cps
Gadolinium	160-2	127	97	123	116	14.23	cps
Holmium	165-1	6259152	6260408	6171425	6230328	0.82	cps
Holmium	165-2	3477756	3490723	3494557	3487679	0.25	cps
Indium	115-1	4156743	4094822	4065308	4105625	1.14	cps
Indium	115-2	936485	941298	946049	941277	0.51	cps
Iron	56-2	6157	6146	5429	5911	7.06	cps
Iron	57-2	1450	1317	1211	1326	9.03	cps
Krypton	83-1	123	140	140	134	7.15	cps
Lead	206-1	950	872	972	932	5.64	cps
Lead	207-1	983	967	895	948	4.98	cps
Lead	208-1	3773	3906	3784	3821	1.94	cps
Lithium	6-1	1351597	1336806	1323475	1337292	1.05	cps
Magnesium	24-2	348989	352215	350396	350533	0.46	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:29:50	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3504	3447	3544	3498	1.39	cps
Molybdenum	94-1	242	333	342	306	18.16	cps
Molybdenum	95-1	250	192	275	239	17.90	cps
Molybdenum	96-1	192	325	267	261	25.60	cps
Molybdenum	97-1	92	142	150	128	24.69	cps
Molybdenum	98-1	317	383	275	325	16.81	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	1540	1513	1717	1590	6.95	cps
Phosphorus	31-2	117	33	142	97	58.35	cps
Potassium	39-2	96372	94743	93183	94766	1.68	cps
Rhodium	103-1	3655991	3601596	3580834	3612807	1.07	cps
Rhodium	103-2	1797417	1797674	1800945	1798679	0.11	cps
Scandium	45-1	2626011	2599796	2592716	2606174	0.67	cps
Scandium	45-2	119802	120593	120451	120282	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	20	13	19	29.57	cps
Selenium	82-1	33	-3	2	11	182.48	cps
Silicon	28-1	13237831	13071421	12968007	13092419	1.04	cps
Silver	109-1	117	92	133	114	18.41	cps
Silver	107-1	200	142	217	186	21.16	cps
Sodium	23-2	664989	670466	670075	668510	0.46	cps
Strontium	86-1	47204	45849	46116	46390	1.55	cps
Strontium	88-1	409428	404154	402772	405451	0.87	cps
Sulfur	34-1	444377	442977	439224	442193	0.60	cps
Terbium	159-1	6493834	6469956	6402793	6455528	0.73	cps
Terbium	159-2	3429663	3418942	3438979	3429195	0.29	cps
Thallium	203-1	58	133	117	103	38.31	cps
Thallium	205-1	292	258	375	308	19.49	cps
Thorium	232-1	278	333	294	302	9.44	cps
Tin	118-1	400	317	367	361	11.61	cps
Titanium	47-1	392	367	358	372	4.66	cps
Uranium	238-1	425	467	333	408	16.70	cps
Vanadium	51-2	40	40	37	39	4.94	cps
Yttrium	89-1	4439268	4385165	4344583	4389672	1.08	cps
Yttrium	89-2	695424	701090	701035	699183	0.47	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74D	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:29:50	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	173537	175800	175958	175098	0.77	cps
Zirconium	90-1	442	467	475	461	3.76	cps
Zirconium	91-1	125	92	42	86	48.71	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:33:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	167	108	136	21.50	cps
Antimony	121-1	75	117	100	97	21.57	cps
Arsenic	75-2	9	7	7	8	13.31	cps
Barium	135-1	2517	2717	2425	2553	5.84	cps
Barium	137-1	4584	4134	4151	4290	5.95	cps
Beryllium	9-1	70	73	63	69	7.39	cps
Bismuth	209-1	4217971	4049781	4048553	4105435	2.37	cps
Bismuth	209-2	2615831	2613080	2624692	2617868	0.23	cps
Boron	10-1	508	492	458	486	5.24	cps
Boron	11-1	2292	2384	2334	2336	1.96	cps
Cadmium	111-1	148	138	148	145	3.86	cps
Cadmium	106-1	1817	1625	1625	1689	6.55	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	31175	30549	32387	31370	2.98	cps
Calcium	44-1	513082	512540	510928	512183	0.22	cps
Chromium	52-2	373	340	380	364	5.88	cps
Cobalt	59-2	87	103	110	100	12.02	cps
Copper	63-2	503	427	470	467	8.24	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	103	140	97	113	20.59	cps
Holmium	165-1	6018716	5861174	5823549	5901146	1.75	cps
Holmium	165-2	3394064	3405672	3399863	3399866	0.17	cps
Indium	115-1	4007522	3892760	3844997	3915093	2.13	cps
Indium	115-2	932114	934619	931747	932827	0.17	cps
Iron	56-2	5318	4962	5001	5094	3.83	cps
Iron	57-2	350	339	328	339	3.28	cps
Krypton	83-1	130	130	133	131	1.47	cps
Lead	206-1	400	461	411	424	7.68	cps
Lead	207-1	500	356	400	419	17.68	cps
Lead	208-1	1822	1845	1745	1804	2.91	cps
Lithium	6-1	1285779	1245832	1246461	1259357	1.82	cps
Magnesium	24-2	71035	69202	69102	69779	1.56	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:33:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	737	810	810	786	5.39	cps
Molybdenum	94-1	233	233	208	225	6.42	cps
Molybdenum	95-1	208	183	175	189	9.19	cps
Molybdenum	96-1	200	233	158	197	19.05	cps
Molybdenum	97-1	142	92	83	106	29.89	cps
Molybdenum	98-1	258	375	242	292	24.91	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	330	327	353	337	4.31	cps
Phosphorus	31-2	83	100	92	92	9.09	cps
Potassium	39-2	25940	26591	25798	26110	1.62	cps
Rhodium	103-1	3570200	3438567	3406020	3471596	2.50	cps
Rhodium	103-2	1787502	1784037	1795116	1788885	0.32	cps
Scandium	45-1	2556898	2464215	2430563	2483892	2.63	cps
Scandium	45-2	121281	120686	120104	120691	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	17	35	23	43.48	cps
Selenium	82-1	19	23	1	15	80.31	cps
Silicon	28-1	2672161	2655341	2673497	2667000	0.38	cps
Silver	109-1	67	100	108	92	24.05	cps
Silver	107-1	108	75	42	75	44.44	cps
Sodium	23-2	135272	136348	135751	135790	0.40	cps
Strontium	86-1	9754	9287	9278	9440	2.88	cps
Strontium	88-1	80291	80492	78137	79640	1.64	cps
Sulfur	34-1	210795	210762	209790	210449	0.27	cps
Terbium	159-1	6238616	6062741	6012903	6104753	1.94	cps
Terbium	159-2	3354483	3355094	3346827	3352135	0.14	cps
Thallium	203-1	75	117	92	94	22.21	cps
Thallium	205-1	308	283	225	272	15.71	cps
Thorium	232-1	306	289	300	298	2.85	cps
Tin	118-1	242	200	208	217	10.18	cps
Titanium	47-1	142	192	108	147	28.49	cps
Uranium	238-1	308	283	308	300	4.81	cps
Vanadium	51-2	20	30	30	27	21.65	cps
Yttrium	89-1	4321395	4164383	4134350	4206709	2.39	cps
Yttrium	89-2	696502	695715	694940	695719	0.11	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ74L	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:33:26	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34381	33208	33612	33734	1.77	cps
Zirconium	90-1	308	458	408	392	19.50	cps
Zirconium	91-1	92	75	83	83	10.00	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:37:02	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40155	40940	40556	40550	0.97	cps
Antimony	121-1	221207	217264	215834	218101	1.28	cps
Arsenic	75-2	2626	2719	2684	2676	1.75	cps
Barium	135-1	1217995	1210511	1200754	1209753	0.71	cps
Barium	137-1	2117991	2095427	2085739	2099719	0.79	cps
Beryllium	9-1	23795	23301	23685	23594	1.10	cps
Bismuth	209-1	4372437	4295304	4329580	4332440	0.89	cps
Bismuth	209-2	2691342	2706839	2794970	2731050	2.05	cps
Boron	10-1	1433	1367	1233	1345	7.57	cps
Boron	11-1	5768	5376	5526	5557	3.56	cps
Cadmium	111-1	28712	28298	28011	28340	1.24	cps
Cadmium	106-1	4218	4684	4159	4354	6.61	cps
Cadmium	108-1	1984	1929	1984	1965	1.59	cps
Calcium	43-1	162068	161589	160167	161275	0.61	cps
Calcium	44-1	2672550	2634513	2616493	2641185	1.08	cps
Chromium	52-2	120554	122820	121835	121736	0.93	cps
Cobalt	59-2	463848	471808	470457	468704	0.91	cps
Copper	63-2	157227	159195	158703	158375	0.65	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	57	53	67	59	11.79	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	57	20	47	41	46.11	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	107	143	87	112	25.61	cps
Holmium	165-1	6285932	6184862	6210629	6227141	0.84	cps
Holmium	165-2	3499907	3511535	3616277	3542573	1.81	cps
Indium	115-1	4133473	4018324	4058175	4069991	1.44	cps
Indium	115-2	941997	945937	973066	953667	1.77	cps
Iron	56-2	535006	540776	533957	536580	0.68	cps
Iron	57-2	14652	14463	14452	14522	0.77	cps
Krypton	83-1	153	130	130	138	9.78	cps
Lead	206-1	47290	46437	46365	46697	1.10	cps
Lead	207-1	42897	42056	42323	42426	1.01	cps
Lead	208-1	192697	190033	189142	190624	0.97	cps
Lithium	6-1	1309904	1277323	1287940	1291722	1.29	cps
Magnesium	24-2	353838	352044	354648	353510	0.38	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:37:02	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	199376	199894	200003	199758	0.17	cps
Molybdenum	94-1	275	292	350	306	12.89	cps
Molybdenum	95-1	192	175	175	181	5.33	cps
Molybdenum	96-1	250	242	267	253	5.04	cps
Molybdenum	97-1	92	117	75	94	22.21	cps
Molybdenum	98-1	300	458	433	397	21.43	cps
Neodymium	150-1	127	173	153	151	15.49	cps
Neodymium	150-2	37	13	10	20	72.66	cps
Nickel	60-2	117627	118967	119287	118627	0.74	cps
Phosphorus	31-2	58	83	42	61	34.32	cps
Potassium	39-2	95246	93737	95347	94777	0.95	cps
Rhodium	103-1	3621700	3519026	3556922	3565883	1.46	cps
Rhodium	103-2	1796507	1798223	1845844	1813524	1.54	cps
Scandium	45-1	2592353	2527046	2543205	2554201	1.33	cps
Scandium	45-2	120371	120612	123348	121444	1.36	cps
Selenium	77-2	283	290	310	294	4.71	cps
Selenium	78-2	993	939	869	933	6.67	cps
Selenium	82-1	5482	5354	5376	5404	1.27	cps
Silicon	28-1	13454886	13282368	13128657	13288637	1.23	cps
Silver	109-1	127730	126025	122897	125551	1.95	cps
Silver	107-1	131514	130741	129520	130592	0.77	cps
Sodium	23-2	667996	665412	672350	668586	0.52	cps
Strontium	86-1	48291	47538	47303	47711	1.08	cps
Strontium	88-1	423283	418185	413170	418212	1.21	cps
Sulfur	34-1	445718	445023	434755	441832	1.39	cps
Terbium	159-1	6478466	6357889	6414219	6416858	0.94	cps
Terbium	159-2	3441080	3461203	3544131	3482138	1.57	cps
Thallium	203-1	142328	139583	138126	140012	1.52	cps
Thallium	205-1	336616	338531	334038	336395	0.67	cps
Thorium	232-1	278	211	239	243	13.80	cps
Tin	118-1	350	383	333	356	7.16	cps
Titanium	47-1	350	367	283	333	13.23	cps
Uranium	238-1	367	425	317	369	14.68	cps
Vanadium	51-2	249005	251358	249652	250005	0.49	cps
Yttrium	89-1	4413721	4315586	4334599	4354636	1.20	cps
Yttrium	89-2	700354	699494	723077	707642	1.89	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ74S	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:37:02	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	228735	230888	231373	230332	0.61	cps
Zirconium	90-1	458	542	508	503	8.34	cps
Zirconium	91-1	67	83	142	97	40.50	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:40:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	200	275	214	25.94	cps
Antimony	121-1	375	408	392	392	4.26	cps
Arsenic	75-2	206	241	257	235	11.28	cps
Barium	135-1	38262	37769	37368	37800	1.19	cps
Barium	137-1	66618	67958	67984	67520	1.16	cps
Beryllium	9-1	53	37	57	49	21.91	cps
Bismuth	209-1	4332924	4298794	4292982	4308233	0.50	cps
Bismuth	209-2	2658712	2657421	2612899	2643011	0.99	cps
Boron	10-1	1342	1200	1258	1267	5.62	cps
Boron	11-1	5718	5376	5643	5579	3.22	cps
Cadmium	111-1	87	107	91	95	11.20	cps
Cadmium	106-1	1767	1725	1709	1734	1.73	cps
Cadmium	108-1	29	25	33	29	14.28	cps
Calcium	43-1	194438	190098	191313	191949	1.17	cps
Calcium	44-1	3146575	3112586	3113506	3124222	0.62	cps
Chromium	52-2	343	307	360	337	8.10	cps
Cobalt	59-2	4427	4467	4421	4439	0.57	cps
Copper	63-2	720	707	630	686	7.09	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	17	13	30	20	44.10	cps
Gadolinium	160-1	33	0	67	33	100.01	cps
Gadolinium	160-2	87	93	100	93	7.14	cps
Holmium	165-1	6226820	6197657	6163506	6195994	0.51	cps
Holmium	165-2	3459503	3483356	3403830	3448896	1.18	cps
Indium	115-1	4066391	4073780	4033590	4057920	0.53	cps
Indium	115-2	929599	939608	923536	930915	0.87	cps
Iron	56-2	1557174	1570235	1542706	1556705	0.88	cps
Iron	57-2	40673	40445	40373	40497	0.39	cps
Krypton	83-1	123	130	73	109	28.45	cps
Lead	206-1	389	383	539	437	20.19	cps
Lead	207-1	328	433	383	381	13.84	cps
Lead	208-1	1672	1828	2017	1839	9.38	cps
Lithium	6-1	1283612	1282574	1271966	1279384	0.50	cps
Magnesium	24-2	584803	591443	578882	585043	1.07	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:40:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	745352	752775	734896	744341	1.21	cps
Molybdenum	94-1	433	450	542	475	12.28	cps
Molybdenum	95-1	392	425	475	431	9.74	cps
Molybdenum	96-1	533	550	400	494	16.63	cps
Molybdenum	97-1	283	208	358	283	26.47	cps
Molybdenum	98-1	767	692	617	692	10.84	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	3	17	17	12	63.01	cps
Nickel	60-2	1663	1840	1750	1751	5.04	cps
Phosphorus	31-2	100	83	133	106	24.12	cps
Potassium	39-2	107563	108487	106741	107597	0.81	cps
Rhodium	103-1	3554040	3523189	3528925	3535384	0.46	cps
Rhodium	103-2	1780729	1783352	1756120	1773400	0.85	cps
Scandium	45-1	2545130	2535245	2519332	2533236	0.51	cps
Scandium	45-2	117968	119487	115473	117643	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	26	28	24	20.35	cps
Selenium	82-1	25	16	54	31	63.36	cps
Silicon	28-1	10983167	10954854	10937849	10958623	0.21	cps
Silver	109-1	175	117	133	142	21.21	cps
Silver	107-1	225	192	192	203	9.49	cps
Sodium	23-2	460414	464545	451331	458763	1.47	cps
Strontium	86-1	64304	64085	63767	64052	0.42	cps
Strontium	88-1	557044	560722	550001	555923	0.98	cps
Sulfur	34-1	432553	435748	434176	434159	0.37	cps
Terbium	159-1	6428224	6404205	6374348	6402259	0.42	cps
Terbium	159-2	3395621	3400235	3339945	3378600	0.99	cps
Thallium	203-1	208	133	108	150	34.69	cps
Thallium	205-1	400	333	333	356	10.82	cps
Thorium	232-1	283	300	339	307	9.27	cps
Tin	118-1	350	383	275	336	16.51	cps
Titanium	47-1	375	242	308	308	21.62	cps
Uranium	238-1	367	250	300	306	19.16	cps
Vanadium	51-2	80	50	90	73	28.39	cps
Yttrium	89-1	4355747	4348940	4303196	4335961	0.66	cps
Yttrium	89-2	686550	694839	683467	688285	0.85	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJLJ78	Dilution Factor :	2
Date & Time Acquired ::	2019-06-09 19:40:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	240416	241181	238462	240020	0.58	cps
Zirconium	90-1	492	633	442	522	19.04	cps
Zirconium	91-1	133	142	158	144	8.81	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:44:14	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	100	125	125	20.00	cps
Antimony	121-1	158	175	150	161	7.90	cps
Arsenic	75-2	120	161	157	146	15.40	cps
Barium	135-1	4251	4526	4109	4295	4.93	cps
Barium	137-1	7436	7436	7469	7447	0.26	cps
Beryllium	9-1	50	70	70	63	18.23	cps
Bismuth	209-1	4150498	4066491	4055598	4090862	1.27	cps
Bismuth	209-2	2554676	2578479	2569516	2567557	0.47	cps
Boron	10-1	442	383	400	408	7.36	cps
Boron	11-1	1925	1775	1717	1806	5.95	cps
Cadmium	111-1	100	105	93	99	5.80	cps
Cadmium	106-1	1750	1784	1667	1734	3.47	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	66366	66115	65856	66112	0.39	cps
Calcium	44-1	1071257	1078718	1065641	1071872	0.61	cps
Chromium	52-2	330	287	357	324	10.89	cps
Cobalt	59-2	1483	1493	1453	1477	1.41	cps
Copper	63-2	500	420	397	439	12.35	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	33	50	58	47	26.97	cps
Gadolinium	160-2	117	143	130	130	10.26	cps
Holmium	165-1	5882892	5886684	5877377	5882317	0.08	cps
Holmium	165-2	3350950	3359828	3333539	3348106	0.40	cps
Indium	115-1	3916649	3852567	3848218	3872478	0.99	cps
Indium	115-2	905537	913114	909447	909366	0.42	cps
Iron	56-2	784506	796303	789712	790174	0.75	cps
Iron	57-2	20309	20270	19964	20181	0.94	cps
Krypton	83-1	97	90	113	100	12.02	cps
Lead	206-1	411	322	428	387	14.66	cps
Lead	207-1	283	350	261	298	15.52	cps
Lead	208-1	1550	1500	1422	1491	4.32	cps
Lithium	6-1	1246062	1234998	1232943	1238001	0.57	cps
Magnesium	24-2	175972	175144	175027	175381	0.29	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:44:14	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	234600	235845	234927	235124	0.27	cps
Molybdenum	94-1	242	242	225	236	4.08	cps
Molybdenum	95-1	217	167	258	214	21.46	cps
Molybdenum	96-1	325	442	250	339	28.50	cps
Molybdenum	97-1	125	133	167	142	15.56	cps
Molybdenum	98-1	342	275	283	300	12.11	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	410	467	433	437	6.52	cps
Phosphorus	31-2	83	83	50	72	26.65	cps
Potassium	39-2	33881	34032	34792	34235	1.43	cps
Rhodium	103-1	3466828	3407704	3398472	3424335	1.08	cps
Rhodium	103-2	1735149	1743477	1738533	1739053	0.24	cps
Scandium	45-1	2474034	2432494	2431351	2445960	0.99	cps
Scandium	45-2	116292	115580	115868	115913	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	24	17	22	19.78	cps
Selenium	82-1	38	64	29	44	42.45	cps
Silicon	28-1	1910060	1906382	1904070	1906837	0.16	cps
Silver	109-1	108	33	25	56	82.62	cps
Silver	107-1	100	67	75	81	21.53	cps
Sodium	23-2	320555	320085	323180	321273	0.52	cps
Strontium	86-1	18621	19264	18012	18632	3.36	cps
Strontium	88-1	164870	162552	162535	163319	0.82	cps
Sulfur	34-1	279270	280526	276978	278925	0.64	cps
Terbium	159-1	6117204	6086806	6037714	6080574	0.66	cps
Terbium	159-2	3289032	3305585	3281345	3291988	0.38	cps
Thallium	203-1	117	125	67	103	30.70	cps
Thallium	205-1	183	233	267	228	18.41	cps
Thorium	232-1	267	294	283	281	4.97	cps
Tin	118-1	200	192	225	206	8.44	cps
Titanium	47-1	92	150	58	100	46.40	cps
Uranium	238-1	367	283	192	281	31.20	cps
Vanadium	51-2	27	33	17	26	32.81	cps
Yttrium	89-1	4183550	4141601	4117183	4147444	0.81	cps
Yttrium	89-2	679054	684418	675460	679644	0.66	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-08DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ79	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:44:14	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187017	186939	184907	186288	0.64	cps
Zirconium	90-1	442	475	450	456	3.81	cps
Zirconium	91-1	100	75	108	94	18.37	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:47:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	175	67	103	60.86	cps
Antimony	121-1	183	92	142	139	33.05	cps
Arsenic	75-2	141	174	154	156	10.76	cps
Barium	135-1	6052	5493	5968	5838	5.16	cps
Barium	137-1	10621	10221	10454	10432	1.93	cps
Beryllium	9-1	57	67	43	56	21.08	cps
Bismuth	209-1	4247185	4145582	4164552	4185773	1.29	cps
Bismuth	209-2	2605438	2616046	2619000	2613495	0.27	cps
Boron	10-1	292	292	417	333	21.65	cps
Boron	11-1	1617	1717	1500	1611	6.73	cps
Cadmium	111-1	115	122	106	114	6.97	cps
Cadmium	106-1	2000	1934	1700	1878	8.39	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	61394	62190	62566	62050	0.96	cps
Calcium	44-1	1030754	1017308	1021002	1023021	0.68	cps
Chromium	52-2	360	443	330	378	15.54	cps
Cobalt	59-2	643	830	703	726	13.13	cps
Copper	63-2	437	503	420	453	9.73	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	58	8	25	31	83.33	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	25	8	50	28	75.51	cps
Gadolinium	160-2	110	133	110	118	11.44	cps
Holmium	165-1	6060734	6015082	6008490	6028102	0.47	cps
Holmium	165-2	3369723	3429727	3401799	3400416	0.88	cps
Indium	115-1	3992793	3925286	3947590	3955223	0.87	cps
Indium	115-2	922135	933079	929944	928386	0.61	cps
Iron	56-2	2197288	2213086	2208597	2206324	0.37	cps
Iron	57-2	56297	56420	55204	55973	1.20	cps
Krypton	83-1	133	133	123	130	4.44	cps
Lead	206-1	317	417	511	415	23.44	cps
Lead	207-1	322	450	350	374	17.97	cps
Lead	208-1	1517	1800	1650	1656	8.56	cps
Lithium	6-1	1281760	1264485	1265426	1270557	0.76	cps
Magnesium	24-2	150045	150701	152879	151208	0.98	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:47:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	112196	113406	110749	112117	1.19	cps
Molybdenum	94-1	292	383	367	347	14.06	cps
Molybdenum	95-1	350	450	283	361	23.23	cps
Molybdenum	96-1	317	450	442	403	18.54	cps
Molybdenum	97-1	158	250	158	189	28.02	cps
Molybdenum	98-1	375	442	500	439	14.25	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	87	53	77	72	23.69	cps
Phosphorus	31-2	75	108	208	131	53.15	cps
Potassium	39-2	34241	34875	34190	34435	1.11	cps
Rhodium	103-1	3512806	3460173	3475208	3482729	0.78	cps
Rhodium	103-2	1754145	1774188	1760926	1763086	0.58	cps
Scandium	45-1	2528654	2492982	2502604	2508080	0.74	cps
Scandium	45-2	117545	119197	118556	118433	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	20	28	25	15.62	cps
Selenium	82-1	4	25	26	18	69.04	cps
Silicon	28-1	2949927	2937245	2923124	2936765	0.46	cps
Silver	109-1	50	83	67	67	25.00	cps
Silver	107-1	67	75	75	72	6.66	cps
Sodium	23-2	147207	149840	150187	149078	1.09	cps
Strontium	86-1	16777	16310	15751	16279	3.16	cps
Strontium	88-1	143232	140657	141222	141704	0.95	cps
Sulfur	34-1	234743	231263	231631	232546	0.82	cps
Terbium	159-1	6201431	6213445	6162037	6192304	0.43	cps
Terbium	159-2	3333791	3354047	3330189	3339342	0.39	cps
Thallium	203-1	50	108	42	67	54.49	cps
Thallium	205-1	325	242	300	289	14.80	cps
Thorium	232-1	261	289	239	263	9.53	cps
Tin	118-1	242	233	167	214	19.22	cps
Titanium	47-1	158	217	183	186	15.73	cps
Uranium	238-1	267	317	292	292	8.57	cps
Vanadium	51-2	43	23	37	34	29.57	cps
Yttrium	89-1	4294525	4210990	4224100	4243205	1.06	cps
Yttrium	89-2	682484	689661	687895	686680	0.54	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	K3099-09DLX10	Instrumnet Name :	P7
Client Sample ID :	MJLJ80	Dilution Factor :	10
Date & Time Acquired ::	2019-06-09 19:47:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1520	1550	1597	1556	2.48	cps
Zirconium	90-1	608	467	592	556	13.94	cps
Zirconium	91-1	100	117	83	100	16.66	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P7
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:52:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2184569	2196497	2196709	2192592	0.32	cps
Antimony	121-1	1932029	1941129	1909348	1927502	0.85	cps
Arsenic	75-2	63502	64492	64459	64151	0.88	cps
Barium	135-1	2632010	2615193	2585774	2610992	0.90	cps
Barium	137-1	4550093	4509909	4451248	4503750	1.10	cps
Beryllium	9-1	420282	424004	420551	421612	0.49	cps
Bismuth	209-1	3662888	3702457	3658480	3674609	0.66	cps
Bismuth	209-2	2268897	2294672	2297462	2287010	0.69	cps
Boron	10-1	61902	62187	65266	63118	2.96	cps
Boron	11-1	272854	274779	280942	276192	1.53	cps
Cadmium	111-1	509958	513894	509856	511236	0.45	cps
Cadmium	106-1	61292	62438	61701	61810	0.94	cps
Cadmium	108-1	41574	41598	41014	41395	0.80	cps
Calcium	43-1	2886038	2879264	2861665	2875656	0.44	cps
Calcium	44-1	47076731	47033644	46524788	46878388	0.65	cps
Chromium	52-2	552775	553807	556470	554351	0.34	cps
Cobalt	59-2	815385	817885	822878	818716	0.47	cps
Copper	63-2	1110841	1114241	1114794	1113292	0.19	cps
Dysprosium	156-1	50	58	83	64	27.15	cps
Dysprosium	156-2	83	93	77	84	9.94	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	42	67	17	42	60.00	cps
Gadolinium	160-2	70	120	133	108	30.98	cps
Holmium	165-1	5736574	5788360	5754111	5759682	0.46	cps
Holmium	165-2	3271268	3320310	3294062	3295213	0.74	cps
Indium	115-1	3574556	3570291	3549900	3564916	0.37	cps
Indium	115-2	828136	838466	839802	835468	0.76	cps
Iron	56-2	112641758	112922291	112636783	112733611	0.14	cps
Iron	57-2	2825261	2855646	2844768	2841892	0.54	cps
Krypton	83-1	153	140	110	134	16.51	cps
Lead	206-1	1898527	1904126	1894463	1899039	0.26	cps
Lead	207-1	1731111	1723528	1725406	1726682	0.23	cps
Lead	208-1	7707225	7717137	7693403	7705922	0.15	cps
Lithium	6-1	1227700	1240059	1227527	1231762	0.58	cps
Magnesium	24-2	22050085	22145998	22213045	22136376	0.37	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P7
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:52:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	700574	705747	705847	704056	0.43	cps
Molybdenum	94-1	3888821	3910027	3865333	3888060	0.58	cps
Molybdenum	95-1	4733898	4779626	4726205	4746576	0.61	cps
Molybdenum	96-1	5315207	5331826	5289018	5312017	0.41	cps
Molybdenum	97-1	2927672	2937742	2914924	2926779	0.39	cps
Molybdenum	98-1	7737078	7755515	7700346	7730980	0.36	cps
Neodymium	150-1	340	260	293	298	13.50	cps
Neodymium	150-2	33	37	47	39	17.85	cps
Nickel	60-2	199811	199443	198922	199392	0.22	cps
Phosphorus	31-2	20890	20281	20473	20548	1.52	cps
Potassium	39-2	11525200	11475389	11544100	11514896	0.31	cps
Rhodium	103-1	2982233	3002333	2977905	2987490	0.44	cps
Rhodium	103-2	1517775	1539032	1538612	1531807	0.79	cps
Scandium	45-1	2384009	2386779	2355723	2375504	0.72	cps
Scandium	45-2	114884	114296	115019	114733	0.33	cps
Selenium	77-2	1707	1947	1760	1805	6.98	cps
Selenium	78-2	5999	6233	6155	6129	1.94	cps
Selenium	82-1	35448	35895	35553	35632	0.65	cps
Silicon	28-1	1376230	1408472	1409763	1398155	1.36	cps
Silver	109-1	2267253	2278293	2252762	2266103	0.57	cps
Silver	107-1	2360065	2357230	2338230	2351842	0.50	cps
Sodium	23-2	43406999	43518367	43720036	43548467	0.36	cps
Strontium	86-1	646936	640324	635120	640793	0.92	cps
Strontium	88-1	5624185	5661695	5591396	5625758	0.63	cps
Sulfur	34-1	351230	354018	351745	352331	0.42	cps
Terbium	159-1	5934501	5966135	5914431	5938356	0.44	cps
Terbium	159-2	3188061	3214933	3223274	3208756	0.57	cps
Thallium	203-1	2353139	2362186	2336182	2350502	0.56	cps
Thallium	205-1	5697922	5766468	5707985	5724125	0.65	cps
Thorium	232-1	9878850	9949207	9865451	9897836	0.45	cps
Tin	118-1	1623367	1617161	1610403	1616977	0.40	cps
Titanium	47-1	1330560	1319180	1299188	1316309	1.21	cps
Uranium	238-1	9134474	9235309	9158594	9176126	0.57	cps
Vanadium	51-2	463679	466670	470370	466906	0.72	cps
Yttrium	89-1	3973961	3978843	3938158	3963654	0.56	cps
Yttrium	89-2	649583	654767	657215	653855	0.60	cps

LB Number :	LB103296	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P7
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2019-06-09 19:52:48	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	179443	184320	181563	181775	1.35	cps
Zirconium	90-1	3343152	3352602	3305900	3333884	0.74	cps
Zirconium	91-1	750233	754282	747097	750537	0.48	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	150	225	167	31.22	cps
Antimony	121-1	1275	1242	1275	1264	1.52	cps
Arsenic	75-2	9	9	13	10	20.36	cps
Barium	135-1	200	175	208	194	8.92	cps
Barium	137-1	333	350	292	325	9.25	cps
Beryllium	9-1	133	117	117	122	7.87	cps
Bismuth	209-1	4157334	4168614	4169637	4165195	0.16	cps
Bismuth	209-2	2600286	2653155	2646764	2633402	1.10	cps
Boron	10-1	1750	1942	1834	1842	5.22	cps
Boron	11-1	8094	7919	7535	7850	3.64	cps
Cadmium	111-1	113	132	121	122	7.75	cps
Cadmium	106-1	1483	1609	1692	1595	6.58	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	283	350	275	303	13.58	cps
Calcium	44-1	5868	6102	5368	5779	6.49	cps
Chromium	52-2	387	373	310	357	11.48	cps
Cobalt	59-2	83	53	87	74	24.67	cps
Copper	63-2	420	407	397	408	2.87	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	42	8	33	66.15	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	110	87	160	119	31.51	cps
Holmium	165-1	5941946	5995139	6017998	5985028	0.65	cps
Holmium	165-2	3415271	3447244	3439108	3433875	0.48	cps
Indium	115-1	3991923	3977957	4003623	3991168	0.32	cps
Indium	115-2	944546	956945	958053	953181	0.79	cps
Iron	56-2	9103	9225	9270	9199	0.94	cps
Iron	57-2	278	283	317	293	7.19	cps
Krypton	83-1	133	123	147	134	8.71	cps
Lead	206-1	417	389	300	369	16.54	cps
Lead	207-1	306	383	417	369	15.47	cps
Lead	208-1	1495	1606	1611	1570	4.19	cps
Lithium	6-1	1371852	1367433	1369413	1369566	0.16	cps
Magnesium	24-2	1425	1325	1583	1445	9.02	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	127	137	121	15.65	cps
Molybdenum	94-1	867	1083	1008	986	11.16	cps
Molybdenum	95-1	1442	1392	1108	1314	13.68	cps
Molybdenum	96-1	1617	1600	1559	1592	1.89	cps
Molybdenum	97-1	892	875	750	839	9.23	cps
Molybdenum	98-1	2342	2167	2050	2186	6.72	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	40	53	49	15.74	cps
Phosphorus	31-2	58	108	92	86	29.56	cps
Potassium	39-2	9036	9345	9670	9351	3.39	cps
Rhodium	103-1	3539941	3513684	3542591	3532072	0.45	cps
Rhodium	103-2	1804642	1828712	1827288	1820214	0.74	cps
Scandium	45-1	2611147	2565934	2593531	2590204	0.88	cps
Scandium	45-2	124471	125557	125536	125188	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	22	28	28	22.91	cps
Selenium	82-1	-7	20	13	8	169.17	cps
Silicon	28-1	79009	77526	75767	77434	2.10	cps
Silver	109-1	233	150	125	169	33.48	cps
Silver	107-1	217	225	167	203	15.56	cps
Sodium	23-2	8745	8052	7711	8169	6.45	cps
Strontium	86-1	250	317	258	275	13.21	cps
Strontium	88-1	717	433	633	594	24.50	cps
Sulfur	34-1	158382	160404	155958	158248	1.41	cps
Terbium	159-1	6162737	6199058	6221241	6194345	0.48	cps
Terbium	159-2	3367739	3394450	3389619	3383936	0.42	cps
Thallium	203-1	733	675	592	667	10.68	cps
Thallium	205-1	1517	1517	1375	1470	5.57	cps
Thorium	232-1	1695	1539	1511	1582	6.25	cps
Tin	118-1	625	525	567	572	8.78	cps
Titanium	47-1	167	192	150	169	12.38	cps
Uranium	238-1	758	583	600	647	14.92	cps
Vanadium	51-2	37	40	43	40	8.32	cps
Yttrium	89-1	4277614	4281736	4308042	4289130	0.38	cps
Yttrium	89-2	705247	715616	710872	710578	0.73	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203	223	217	214	4.75	cps
Zirconium	90-1	767	717	542	675	17.50	cps
Zirconium	91-1	183	133	183	167	17.32	cps