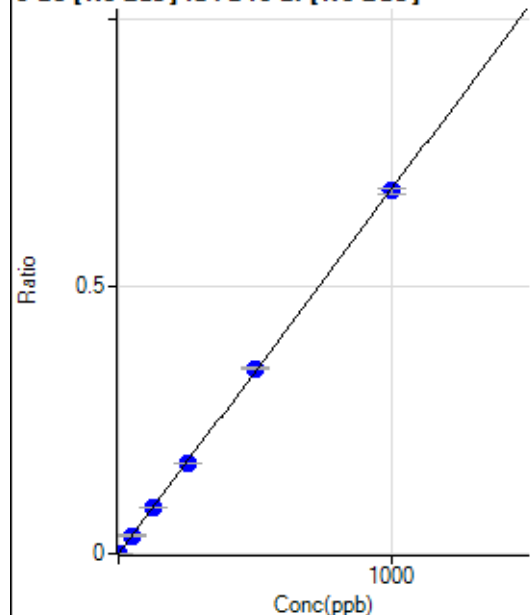


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7110220IMS.b\
Analysis File: P7110220IMS.batch.bin
DA Date-Time: 2020-11-02 17:13:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-11-02 13:12:12
2	004CALS.d	S02	2020-11-02 13:15:43
3	005CALS.d	S03	2020-11-02 13:19:14
4	006CALS.d	S04	2020-11-02 13:22:45
5	007CALS.d	S05	2020-11-02 13:26:14
6	008CALS.d	S06	2020-11-02 13:29:41
7	009CALS.d	S07	2020-11-02 13:33:02
8	010CALS.d	S08	2020-11-02 13:36:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.30	0.0000	P	30.1
2	☐	1.000	0.969	1731.61	0.0007	P	5.0
3	☐	50.000	49.640	87133.34	0.0339	P	3.4
4	☐	125.000	125.546	217026.46	0.0857	P	1.8
5	☐	250.000	249.737	421158.24	0.1704	P	0.5
6	☐	500.000	508.907	840643.90	0.3472	P	1.3
7	☐	1000.000	995.562	1637269.94	0.6792	P	1.7
8	☐			250.00	0.0001	P	12.0

$$y = 6.8217\text{E-}004 * x + 1.8344\text{E-}005$$

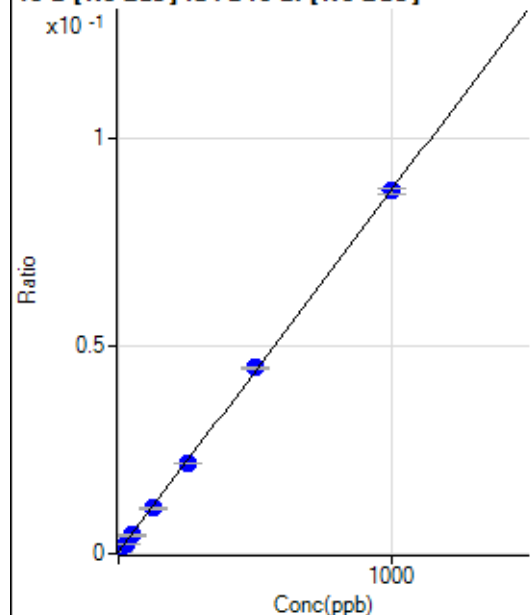
$$R = 0.9999$$

$$DL = 0.02432$$

$$BEC = 0.02689$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	972.28	0.0004	P	17.0
2	☐	25.000	23.003	6084.69	0.0024	P	2.1
3	☐	50.000	46.513	11398.98	0.0044	P	2.2
4	☐	125.000	120.536	27536.69	0.0109	P	2.7
5	☐	250.000	244.315	53480.97	0.0216	P	1.2
6	☐	500.000	508.481	108013.55	0.0446	P	1.6
7	☐	1000.000	997.963	210194.03	0.0872	P	1.5
8	☐			11198.83	0.0048	P	5.3

$$y = 8.6979\text{E-}005 * x + 3.8526\text{E-}004$$

$$R = 0.9999$$

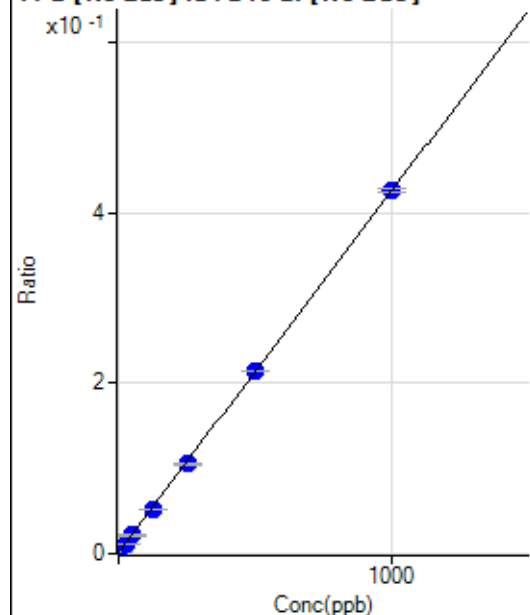
$$DL = 2.264$$

$$BEC = 4.429$$

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	4356.28	0.0017	P	3.1
2	☐	25.000	22.214	28396.67	0.0111	P	1.3
3	☐	50.000	47.639	56321.76	0.0219	P	4.9
4	☐	125.000	120.135	133290.27	0.0526	P	0.8
5	☐	250.000	244.749	260510.70	0.1054	P	2.2
6	☐	500.000	502.901	520020.90	0.2147	P	0.3
7	☐	1000.000	1000.658	1025949.67	0.4256	P	1.1
8	☐			53882.34	0.0232	P	4.0

$$y = 4.2355\text{E-}004 * x + 0.0017$$

$$R = 1.0000$$

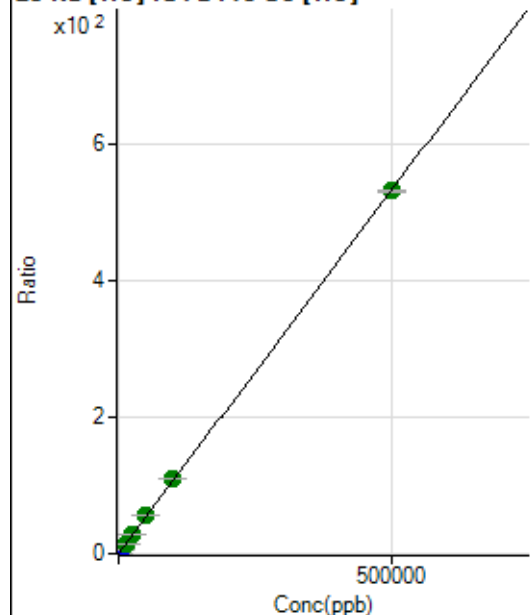
$$DL = 0.385$$

$$BEC = 4.076$$

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	35174.92	0.0933	P	1.5
2	☐	500.000	529.365	245756.54	0.6558	P	1.4
3	☐	5000.000	5589.156	2213316.02	6.0320	P	6.1
4	☐	12500.000	13100.802	5190507.19	14.0135	A	1.0
5	☐	25000.000	25487.369	10024958.04	27.1747	A	2.6
6	☐	50000.000	52152.486	20291173.89	55.5075	A	0.8
7	☐	100000.00	102934.69	40122580.06	109.4658	A	1.0
8	☐	500000.00	499152.50	197511396.0	530.4641	A	0.7

$$y = 0.0011 * x + 0.0933$$

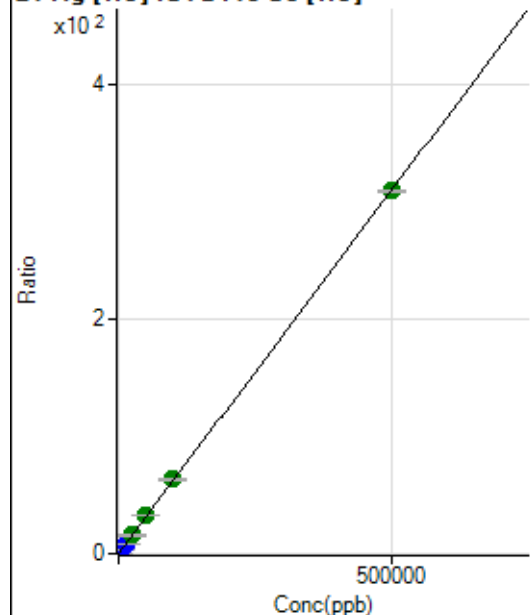
$$R = 1.0000$$

$$DL = 3.951$$

$$BEC = 87.81$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	519.47	0.0014	P	8.2
2	☐	500.000	523.358	121986.35	0.3255	P	1.1
3	☐	5000.000	5436.030	1236789.45	3.3680	P	5.0
4	☐	12500.000	13540.772	3106671.66	8.3875	P	0.8
5	☐	25000.000	25356.042	5793247.09	15.7049	A	5.3
6	☐	50000.000	51921.049	11755750.52	32.1572	A	0.6
7	☐	100000.00	102336.29	23231210.42	63.3805	A	1.0
8	☐	500000.00	499292.43	115137581.7	309.2243	A	0.8

$$y = 6.1932E-004 * x + 0.0014$$

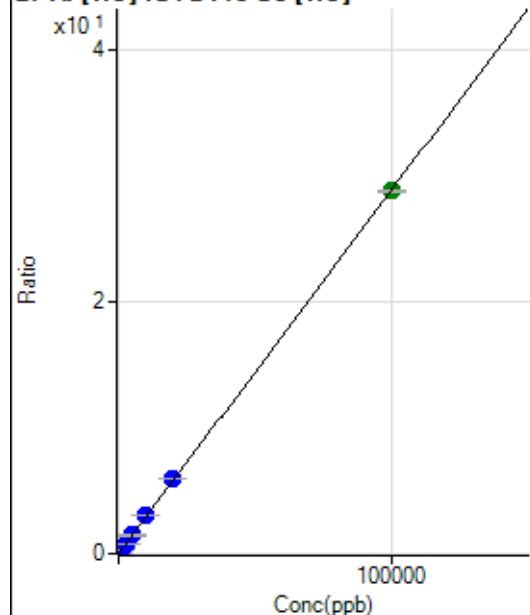
$$R = 1.0000$$

$$DL = 0.5445$$

$$BEC = 2.225$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0004	P	28.1
2	☐	20.000	21.694	2480.83	0.0066	P	11.2
3	☐	1000.000	1038.732	110215.18	0.3001	P	4.9
4	☐	2500.000	2672.844	285818.77	0.7716	P	2.3
5	☐	5000.000	5120.505	545166.37	1.4779	P	5.1
6	☐	10000.000	10547.786	1112783.92	3.0440	P	0.2
7	☐	20000.000	20680.910	2187482.73	5.9680	P	1.1
8	☐	100000.00	99798.305	10722676.97	28.7979	A	0.5

$$y = 2.8856E-004 * x + 3.6091E-004$$

$$R = 1.0000$$

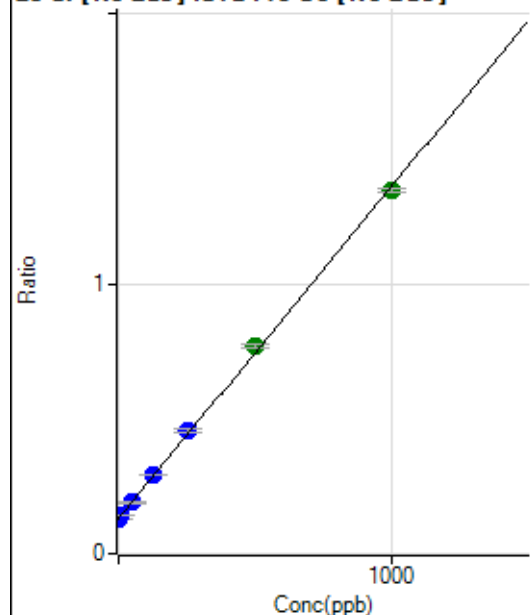
$$DL = 1.054$$

$$BEC = 1.251$$

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	845705.78	0.1306	P	0.9
2	☐	10.000	9.231	923644.31	0.1419	P	0.7
3	☐	50.000	47.932	1251251.73	0.1895	P	4.3
4	☐	125.000	131.282	1888460.93	0.2920	P	2.2
5	☐	250.000	263.012	2910134.05	0.4540	P	2.5
6	☐	500.000	518.198	4858303.45	0.7677	A	2.1
7	☐	1000.000	986.974	8684339.69	1.3441	A	0.9
8	☐			1865846.57	0.2981	P	0.1

$$y = 0.0012 * x + 0.1306$$

$$R = 0.9996$$

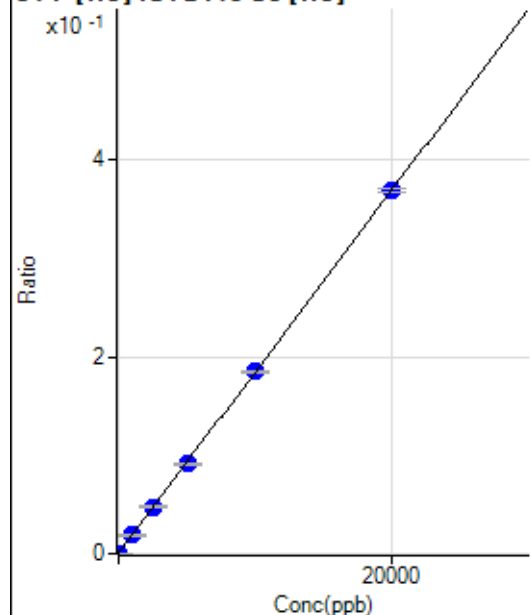
$$DL = 2.961$$

$$BEC = 106.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.864	141.67	0.0004	P	30.9
2	☐	0.000	2.864	180.56	0.0005	P	29.3
3	☐	1000.000	996.132	6898.99	0.0188	P	4.6
4	☐	2500.000	2547.937	17541.22	0.0474	P	2.9
5	☐	5000.000	4942.694	33741.38	0.0915	P	2.8
6	☐	10000.000	10045.100	67789.94	0.1854	P	1.0
7	☐	20000.000	19985.978	135077.34	0.3685	P	1.2
8	☐			222.23	0.0006	P	34.3

$$y = 1.8418E-005 * x + 4.2877E-004$$

$$R = 1.0000$$

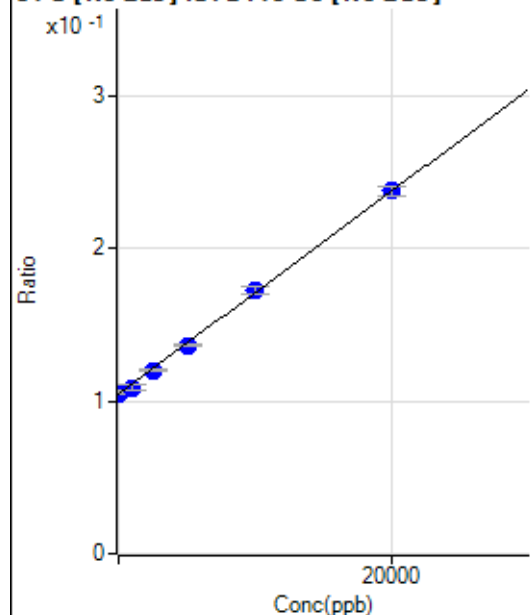
$$DL = 20.95$$

$$BEC = 23.28$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-58.273	677347.11	0.1046	P	0.6
2	☐	0.000	58.273	685649.22	0.1054	P	0.7
3	☐	1000.000	568.849	718140.02	0.1088	P	3.8
4	☐	2500.000	2284.940	777287.23	0.1202	P	0.7
5	☐	5000.000	4783.725	877050.42	0.1368	P	1.0
6	☐	10000.000	10215.780	1094348.36	0.1730	P	2.7
7	☐	20000.000	19994.619	1537687.42	0.2380	P	2.6
8	☐			612547.52	0.0979	P	0.4

$$y = 6.6555\text{E-}006 * x + 0.1050$$

$$R = 0.9996$$

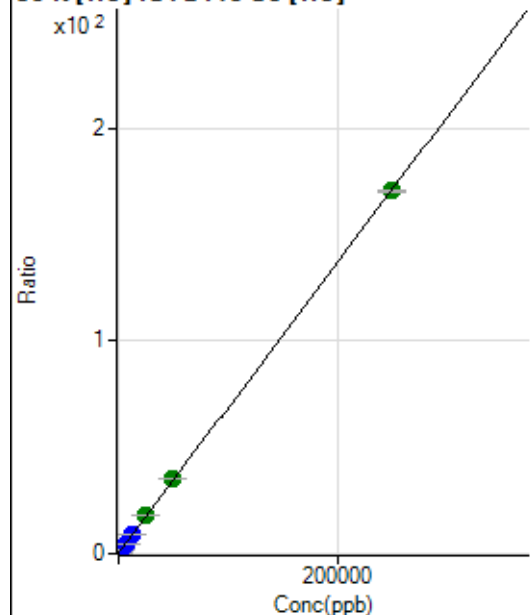
$$DL = 297.4$$

$$BEC = 1.577\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71538.74	0.1898	P	1.4
2	☐	500.000	514.702	202861.06	0.5413	P	0.3
3	☐	2500.000	2788.046	768118.94	2.0940	P	6.7
4	☐	6250.000	6827.704	1797520.48	4.8532	P	0.6
5	☐	12500.000	13350.785	3434163.44	9.3085	P	1.2
6	☐	25000.000	25797.130	6510510.13	17.8095	A	0.3
7	☐	50000.000	50944.612	12823235.27	34.9855	A	0.6
8	☐	250000.00	249671.47	63566330.59	170.7183	A	0.6

$$y = 6.8301\text{E-}004 * x + 0.1898$$

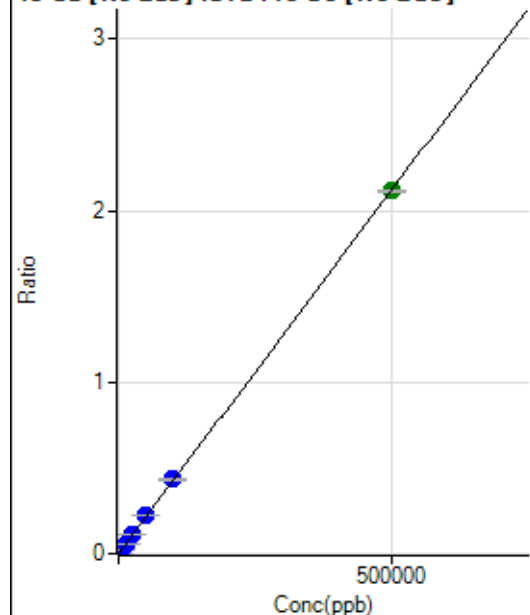
$$R = 1.0000$$

$$DL = 11.98$$

$$BEC = 277.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.12	0.0001	P	25.3
2	☐	500.000	488.467	13798.36	0.0021	P	3.8
3	☐	5000.000	5128.433	143727.24	0.0218	P	4.5
4	☐	12500.000	13036.478	357414.22	0.0553	P	0.7
5	☐	25000.000	25897.835	703471.30	0.1097	P	0.6
6	☐	50000.000	52809.094	1415545.28	0.2237	P	2.3
7	☐	100000.00	102534.36	2805252.51	0.4343	P	2.8
8	☐	500000.00	499152.64	13233371.30	2.1140	A	0.4

$$y = 4.2350\text{E-}006 * x + 5.1948\text{E-}005$$

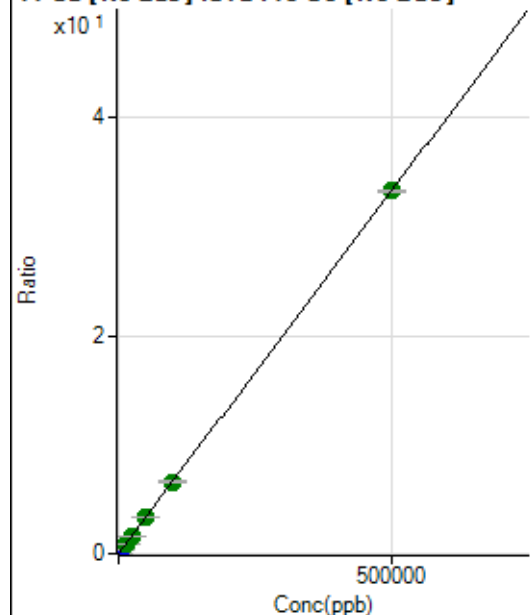
$$R = 1.0000$$

$$DL = 9.322$$

$$BEC = 12.27$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22453.64	0.0035	P	0.8
2	☐	500.000	499.387	238706.28	0.0367	P	0.8
3	☐	5000.000	5194.235	2303477.46	0.3489	P	4.6
4	☐	12500.000	12355.332	5336897.69	0.8252	A	1.6
5	☐	25000.000	24714.729	10559818.12	1.6472	A	0.9
6	☐	50000.000	50809.508	21407086.07	3.3827	A	1.7
7	☐	100000.00	99164.507	42625140.54	6.5987	A	2.6
8	☐	500000.00	500102.08	208229785.2	33.2643	A	0.3

$$y = 6.6508\text{E-}005 * x + 0.0035$$

$$R = 1.0000$$

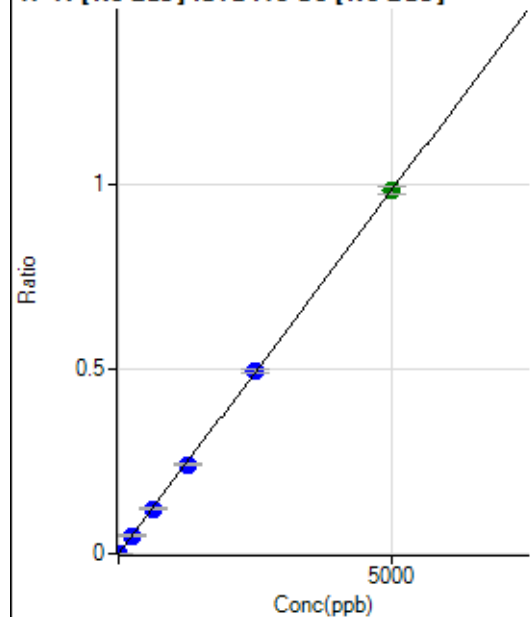
$$DL = 1.231$$

$$BEC = 52.13$$

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	158.34	0.0000	P	9.6
2	☐	5.000	4.813	6334.87	0.0010	P	0.3
3	☐	250.000	246.304	320742.33	0.0486	P	4.6
4	☐	625.000	620.857	791819.83	0.1224	P	1.1
5	☐	1250.000	1229.299	1553907.79	0.2424	P	0.6
6	☐	2500.000	2517.898	3141628.93	0.4964	P	2.0
7	☐	5000.000	4996.929	6364330.91	0.9852	A	2.2
8	☐			927.83	0.0001	P	3.1

$$y = 1.9716\text{E-}004 * x + 2.4456\text{E-}005$$

$$R = 1.0000$$

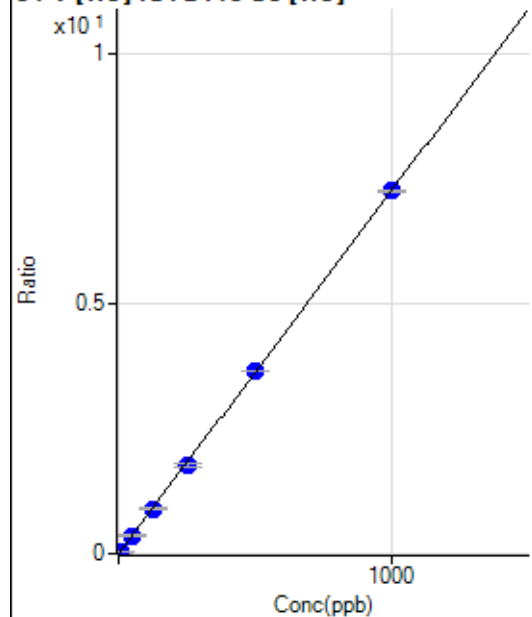
$$DL = 0.0357$$

$$BEC = 0.124$$

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	13.33	0.0000	P	49.4
2	☐	5.000	4.828	13134.81	0.0350	P	0.6
3	☐	50.000	49.359	131455.73	0.3580	P	5.1
4	☐	125.000	124.463	334311.34	0.9026	P	1.1
5	☐	250.000	244.398	653762.55	1.7723	P	4.4
6	☐	500.000	503.981	1336004.77	3.6546	P	0.1
7	☐	1000.000	999.510	2656599.93	7.2480	P	0.7
8	☐			547.79	0.0015	P	6.8

$$y = 0.0073 * x + 3.5305\text{E-}005$$

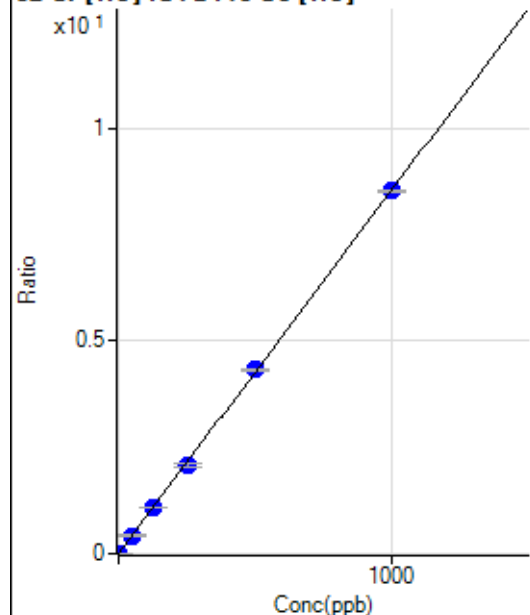
$$R = 1.0000$$

$$DL = 0.007215$$

$$BEC = 0.004869$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1148.95	0.0030	P	5.3
2	☐	2.000	1.952	7387.46	0.0197	P	4.1
3	☐	50.000	49.622	156707.81	0.4266	P	5.1
4	☐	125.000	126.239	400212.02	1.0805	P	1.2
5	☐	250.000	244.394	770563.86	2.0889	P	4.8
6	☐	500.000	505.618	1578677.61	4.3185	P	0.2
7	☐	1000.000	998.456	3124585.75	8.5248	P	0.5
8	☐			12466.46	0.0335	P	1.0

$$y = 0.0085 * x + 0.0030$$

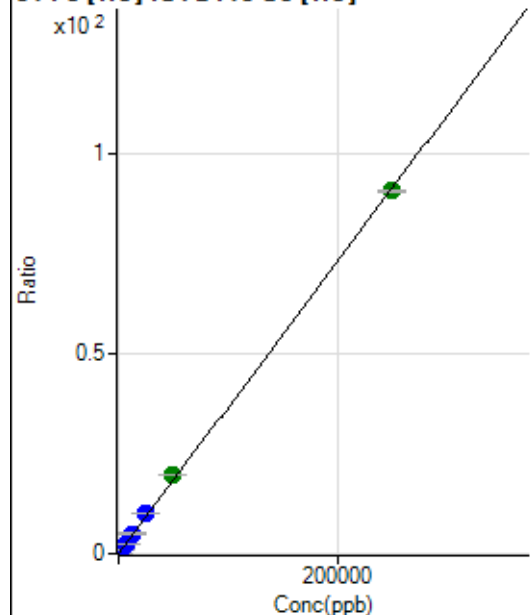
$$R = 1.0000$$

$$DL = 0.05712$$

$$BEC = 0.3572$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1384.82	0.0037	P	5.1
2	☐	50.000	54.901	8865.07	0.0237	P	3.1
3	☐	2500.000	2746.985	368835.27	1.0035	P	4.3
4	☐	6250.000	7002.658	945419.12	2.5525	P	0.9
5	☐	12500.000	13594.341	1826553.18	4.9517	P	4.8
6	☐	25000.000	27920.962	3716412.51	10.1662	P	0.1
7	☐	50000.000	54114.996	7220699.98	19.7003	A	0.5
8	☐	250000.00	248808.90	33721021.92	90.5642	A	0.5

$$y = 3.6398E-004 * x + 0.0037$$

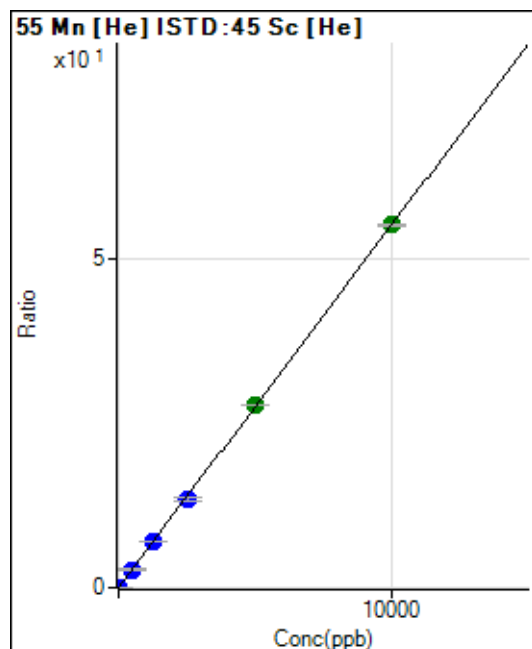
$$R = 0.9998$$

$$DL = 1.536$$

$$BEC = 10.09$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0003	P	17.4
2	☐	1.000	0.958	2073.50	0.0055	P	8.7
3	☐	500.000	497.043	1003962.61	2.7334	P	4.8
4	☐	1250.000	1251.644	2549234.51	6.8827	P	0.3
5	☐	2500.000	2439.761	4948965.13	13.4158	P	3.8
6	☐	5000.000	5018.006	10086979.92	27.5928	A	0.2
7	☐	10000.000	10005.999	20166675.26	55.0204	A	0.2
8	☐			17807.56	0.0478	P	2.4

$$y = 0.0055 * x + 2.6518E-004$$

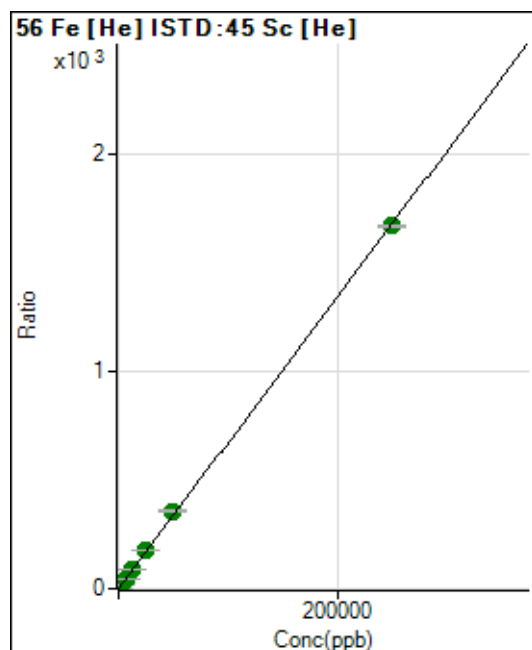
$$R = 1.0000$$

$$DL = 0.02517$$

$$BEC = 0.04823$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9844.19	0.0261	P	1.7
2	☐	50.000	53.054	142906.68	0.3813	P	1.0
3	☐	2500.000	2603.674	6413935.62	17.4580	A	5.6
4	☐	6250.000	6707.357	16642703.15	44.9327	A	0.9
5	☐	12500.000	12958.295	32012668.54	86.7835	A	4.9
6	☐	25000.000	26927.669	65914124.62	180.3102	A	0.5
7	☐	50000.000	53371.310	130982328.8	357.3536	A	0.4
8	☐	250000.00	249097.58	620965087.9	1.667.765	A	0.8

$$y = 0.0067 * x + 0.0261$$

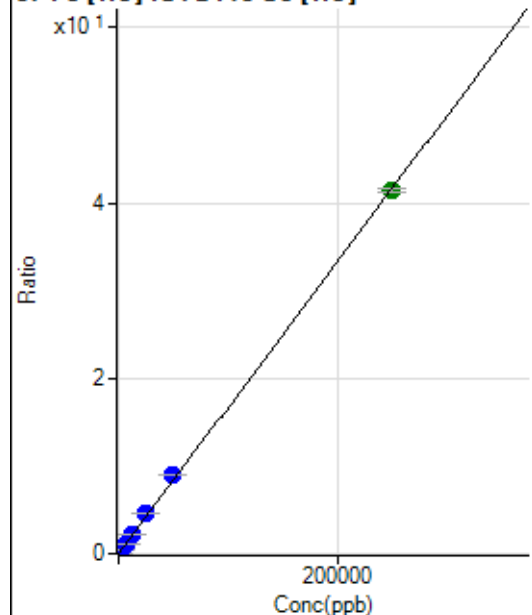
$$R = 0.9999$$

$$DL = 0.1979$$

$$BEC = 3.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	390.75	0.0010	P	7.2
2	☐	50.000	54.519	3785.73	0.0101	P	4.4
3	☐	2500.000	2684.955	164361.48	0.4474	P	5.3
4	☐	6250.000	6823.601	420601.27	1.1355	P	1.0
5	☐	12500.000	13252.167	813130.29	2.2044	P	5.1
6	☐	25000.000	27354.890	1662990.53	4.5491	P	0.6
7	☐	50000.000	53898.253	3284981.73	8.9623	P	0.7
8	☐	250000.00	248931.06	15410427.54	41.3890	A	1.2

$$y = 1.6626E-004 * x + 0.0010$$

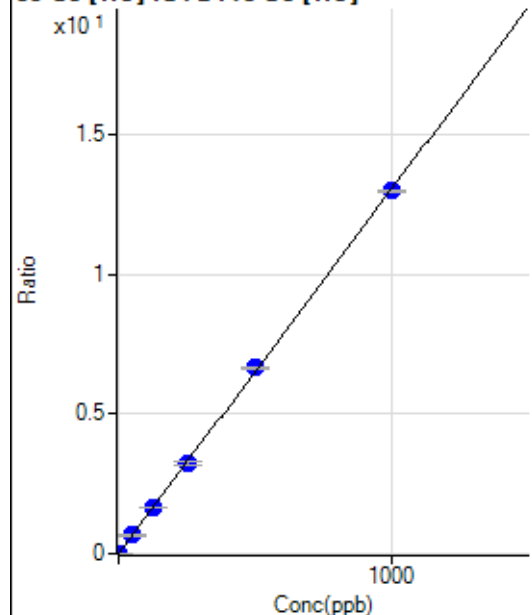
R = 0.9998

DL = 1.338

BEC = 6.232

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.66	0.0002	P	20.0
2	☐	1.000	0.994	4915.32	0.0131	P	2.1
3	☐	50.000	50.991	244335.24	0.6652	P	4.9
4	☐	125.000	127.787	617353.87	1.6668	P	0.8
5	☐	250.000	247.571	1191134.96	3.2290	P	3.7
6	☐	500.000	509.253	2428021.42	6.6418	P	0.0
7	☐	1000.000	995.583	4759223.37	12.9846	P	0.4
8	☐			8617.05	0.0231	P	0.9

$$y = 0.0130 * x + 1.5023E-004$$

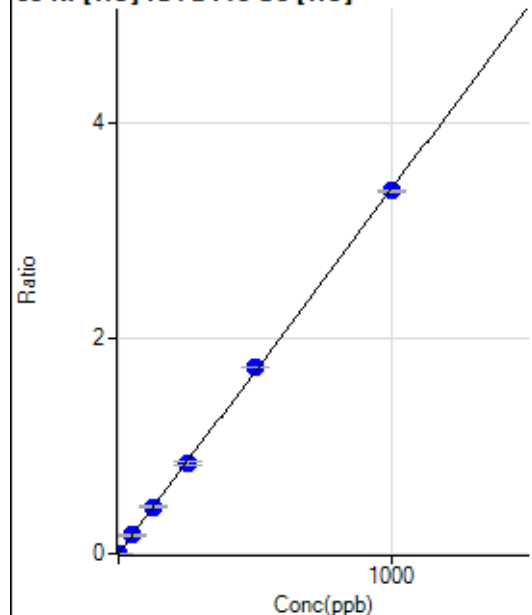
R = 0.9999

DL = 0.006916

BEC = 0.01152

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0002	P	8.9
2	☐	1.000	1.050	1413.42	0.0038	P	4.1
3	☐	50.000	51.244	63981.20	0.1741	P	4.8
4	☐	125.000	128.800	161994.12	0.4374	P	1.5
5	☐	250.000	248.857	311638.79	0.8448	P	4.3
6	☐	500.000	509.942	632762.61	1.7309	P	0.3
7	☐	1000.000	994.778	1237557.75	3.3764	P	0.5
8	☐			3823.87	0.0103	P	4.0

$$y = 0.0034 * x + 2.0929E-004$$

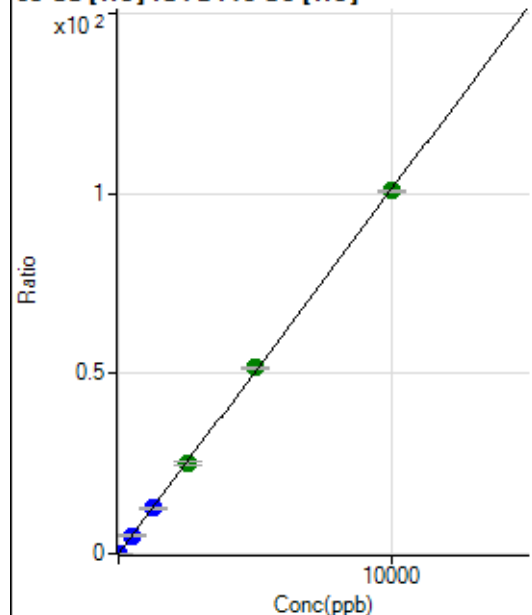
$$R = 0.9999$$

$$DL = 0.01655$$

$$BEC = 0.06167$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1017.82	0.0027	P	6.3
2	☐	2.000	2.192	9319.70	0.0249	P	4.1
3	☐	500.000	497.643	1849450.36	5.0354	P	4.9
4	☐	1250.000	1241.987	4653200.04	12.5630	P	0.5
5	☐	2500.000	2483.406	9265373.60	25.1175	A	4.3
6	☐	5000.000	5094.793	18836248.51	51.5265	A	0.4
7	☐	10000.000	9957.872	36912420.67	100.7070	A	0.3
8	☐			17498.23	0.0470	P	1.3

$$y = 0.0101 * x + 0.0027$$

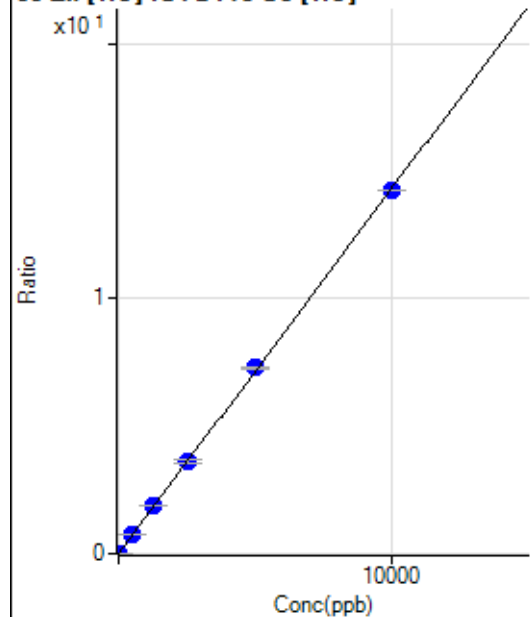
$$R = 0.9999$$

$$DL = 0.05057$$

$$BEC = 0.267$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	364.45	0.0010	P	17.9
2	☐	2.000	2.110	1493.43	0.0040	P	3.3
3	☐	500.000	514.308	270470.15	0.7364	P	4.6
4	☐	1250.000	1297.104	687360.02	1.8558	P	0.6
5	☐	2500.000	2512.283	1325603.02	3.5934	P	3.5
6	☐	5000.000	5093.576	2662940.05	7.2846	P	0.6
7	☐	10000.000	9943.538	5212023.98	14.2198	P	0.1
8	☐			15877.62	0.0426	P	1.1

$$y = 0.0014 * x + 9.6745E-004$$

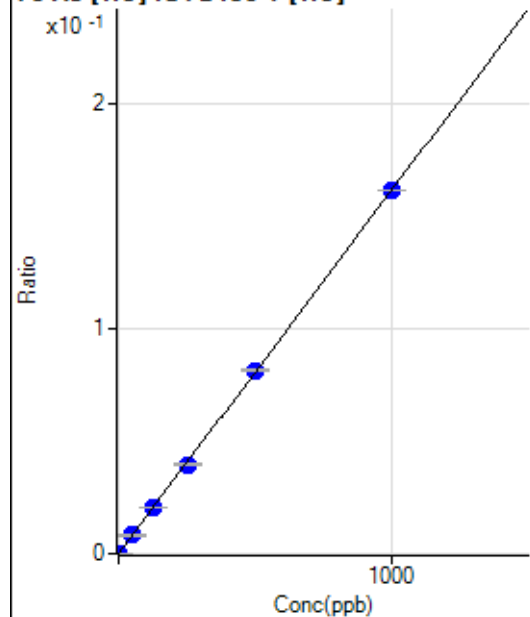
$$R = 0.9999$$

$$DL = 0.3633$$

$$BEC = 0.6766$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.49	0.0000	P	71.6
2	☐	1.000	1.020	383.34	0.0002	P	3.4
3	☐	50.000	50.368	18078.55	0.0081	P	5.0
4	☐	125.000	125.796	45758.57	0.0203	P	1.4
5	☐	250.000	245.161	89301.85	0.0396	P	2.9
6	☐	500.000	504.624	181033.61	0.0816	P	0.9
7	☐	1000.000	998.780	361813.85	0.1614	P	0.2
8	☐			187.66	0.0001	P	20.2

$$y = 1.6163E-004 * x + 4.6016E-006$$

$$R = 1.0000$$

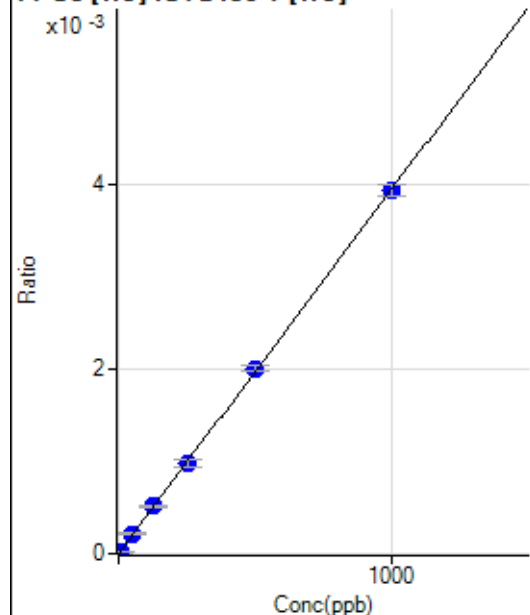
$$DL = 0.06114$$

$$BEC = 0.02847$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	4.487	42.22	0.0000	P	20.1
3	☐	50.000	53.518	473.34	0.0002	P	12.4
4	☐	125.000	130.649	1161.17	0.0005	P	4.1
5	☐	250.000	247.568	2201.30	0.0010	P	9.6
6	☐	500.000	507.186	4440.73	0.0020	P	3.2
7	☐	1000.000	996.136	8804.96	0.0039	P	3.3
8	☐			3.33	0.0000	P	100.

$$y = 3.9427\text{E-}006 * x + 9.7404\text{E-}007$$

$$R = 0.9999$$

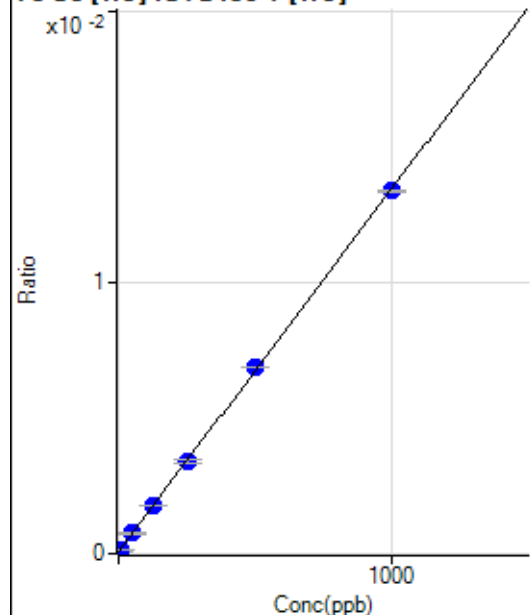
$$DL = 1.284$$

$$BEC = 0.247$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	159.88	0.0001	P	6.6
2	☐	5.000	4.606	298.15	0.0001	P	4.0
3	☐	50.000	52.528	1714.31	0.0008	P	9.4
4	☐	125.000	128.553	4032.68	0.0018	P	1.3
5	☐	250.000	249.129	7678.61	0.0034	P	3.3
6	☐	500.000	508.887	15287.09	0.0069	P	0.4
7	☐	1000.000	995.206	30037.75	0.0134	P	0.8
8	☐			135.81	0.0001	P	11.5

$$y = 1.3397\text{E-}005 * x + 7.0057\text{E-}005$$

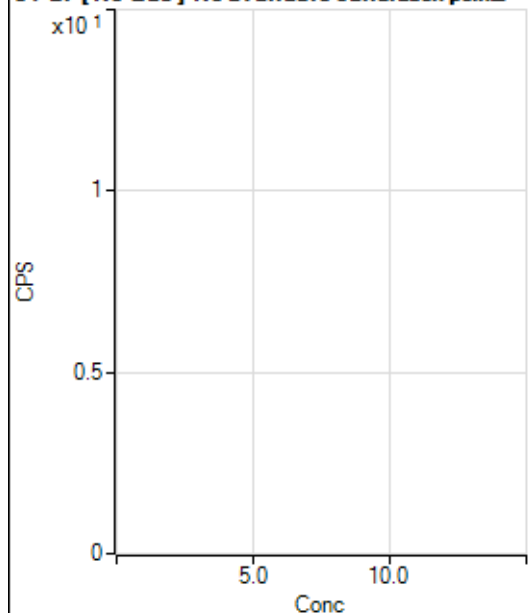
$$R = 0.9999$$

$$DL = 1.036$$

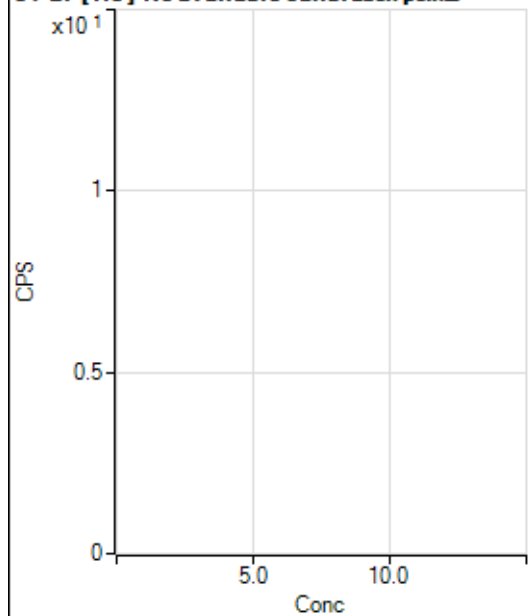
$$BEC = 5.229$$

Weight: <None>

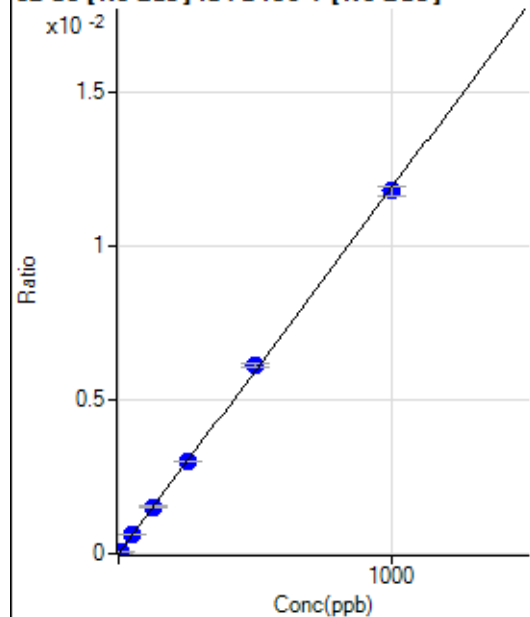
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22548.61		P	1.9
2	☐			22100.76		P	3.3
3	☐			21900.40		P	3.5
4	☐			21675.08		P	2.0
5	☐			21855.88		P	1.0
6	☐			22431.84		P	3.0
7	☐			22473.49		P	4.2
8	☐			22306.72		P	0.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.06		P	16.7
2	☐			40.04		P	43.3
3	☐			76.74		P	19.9
4	☐			63.40		P	18.2
5	☐			70.07		P	51.5
6	☐			56.72		P	62.0
7	☐			60.06		P	0.0
8	☐			96.77		P	29.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.19	0.0000	P	140.
2	☐	5.000	4.633	730.26	0.0001	P	5.8
3	☐	50.000	50.571	7605.83	0.0006	P	1.9
4	☐	125.000	127.225	19084.31	0.0015	P	2.7
5	☐	250.000	253.855	37456.09	0.0030	P	0.6
6	☐	500.000	513.914	75100.63	0.0061	P	1.4
7	☐	1000.000	991.775	148336.19	0.0118	P	2.7
8	☐			133.95	0.0000	P	36.7

$$y = 1.1878\text{E-}005 * x + 4.0677\text{E-}006$$

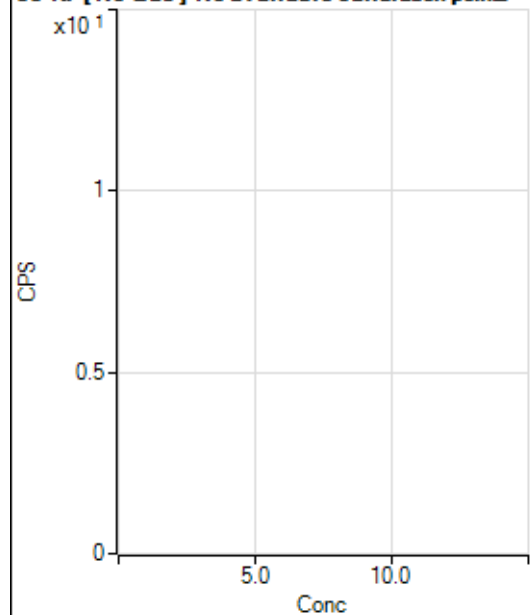
$$R = 0.9998$$

$$DL = 1.44$$

$$BEC = 0.3425$$

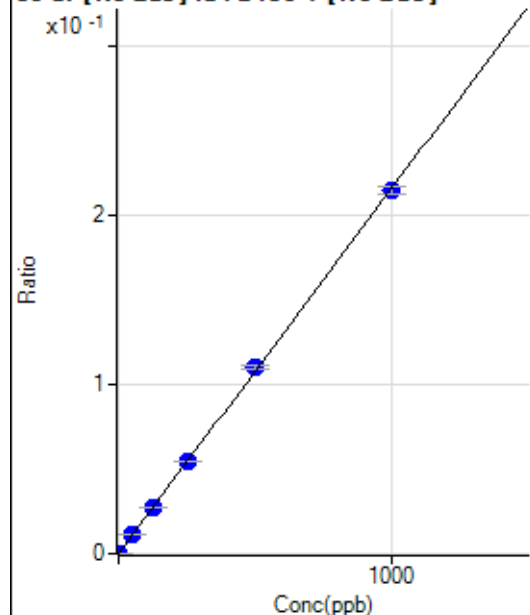
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			742.25		P	7.0
2	☐			764.47		P	6.7
3	☐			778.92		P	3.2
4	☐			755.58		P	4.7
5	☐			801.14		P	5.6
6	☐			780.03		P	8.5
7	☐			796.70		P	3.3
8	☐			750.03		P	6.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1272.32	0.0001	P	7.5
2	☐	1.000	0.991	3903.41	0.0003	P	3.4
3	☐	50.000	50.965	139563.51	0.0111	P	2.8
4	☐	125.000	126.181	344257.50	0.0273	P	1.2
5	☐	250.000	251.715	675071.44	0.0544	P	0.7
6	☐	500.000	510.953	1356603.77	0.1104	P	2.3
7	☐	1000.000	993.899	2701149.71	0.2146	P	2.0
8	☐			15625.48	0.0013	P	4.2

$$y = 2.1577\text{E-}004 * x + 1.0212\text{E-}004$$

$$R = 0.9999$$

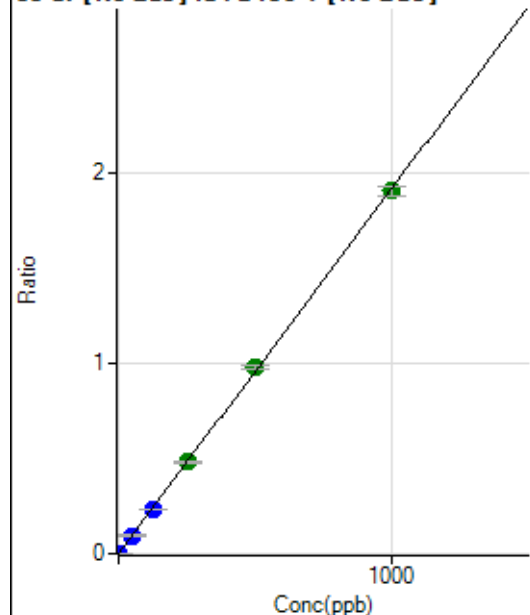
$$DL = 0.1065$$

$$BEC = 0.4733$$

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	291.68	0.0000	P	11.3
2	☐	1.000	0.979	23466.83	0.0019	P	2.3
3	☐	50.000	49.474	1192214.13	0.0948	P	3.7
4	☐	125.000	123.125	2972553.97	0.2360	P	1.1
5	☐	250.000	250.752	5961637.68	0.4806	A	0.5
6	☐	500.000	510.535	12028389.42	0.9784	A	1.7
7	☐	1000.000	994.805	23998619.98	1.9064	A	2.5
8	☐			124521.67	0.0104	P	1.9

$$y = 0.0019 * x + 2.3418\text{E-}005$$

$$R = 0.9999$$

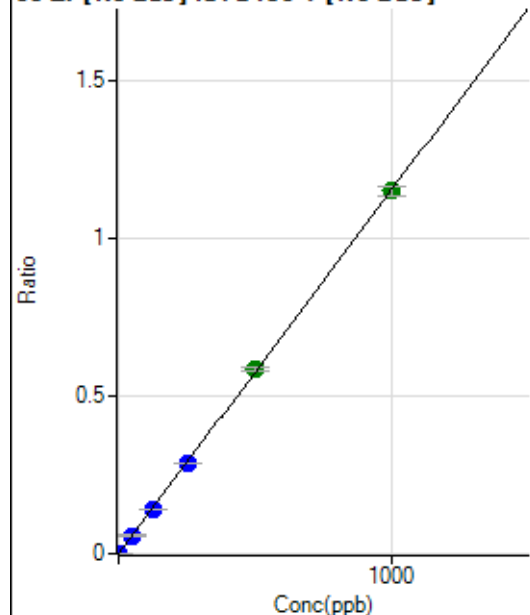
$$DL = 0.00416$$

$$BEC = 0.01222$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	763.93	0.0001	P	19.5
2	☐	1.000	0.957	14374.22	0.0012	P	2.7
3	☐	50.000	49.269	713713.43	0.0568	P	4.2
4	☐	125.000	123.385	1789979.51	0.1421	P	1.0
5	☐	250.000	247.285	3532196.21	0.2847	P	0.2
6	☐	500.000	506.152	7163727.94	0.5827	A	2.0
7	☐	1000.000	997.841	14460927.40	1.1487	A	2.4
8	☐			4634.21	0.0004	P	4.2

$$y = 0.0012 * x + 6.1216E-005$$

$$R = 1.0000$$

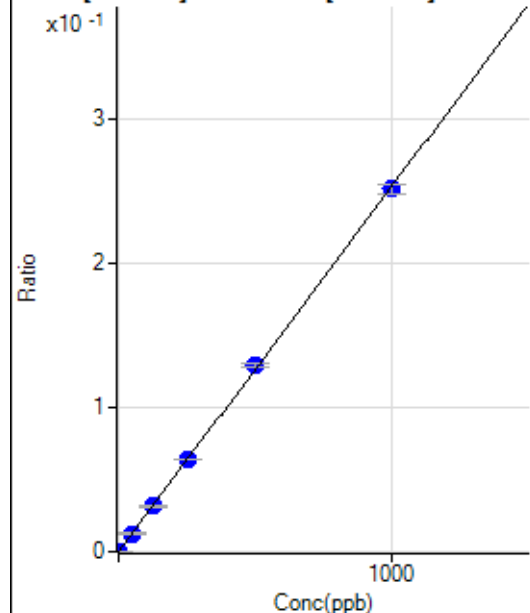
$$DL = 0.03103$$

$$BEC = 0.05318$$

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	119.45	0.0000	P	17.1
2	☐	1.000	0.962	3130.99	0.0003	P	5.4
3	☐	50.000	50.009	159430.93	0.0127	P	4.5
4	☐	125.000	124.839	398650.21	0.0316	P	1.8
5	☐	250.000	251.083	789557.33	0.0636	P	0.2
6	☐	500.000	510.442	1590670.27	0.1294	P	1.8
7	☐	1000.000	994.528	3172955.95	0.2521	P	2.7
8	☐			988.95	0.0001	P	5.7

$$y = 2.5344E-004 * x + 9.5930E-006$$

$$R = 0.9999$$

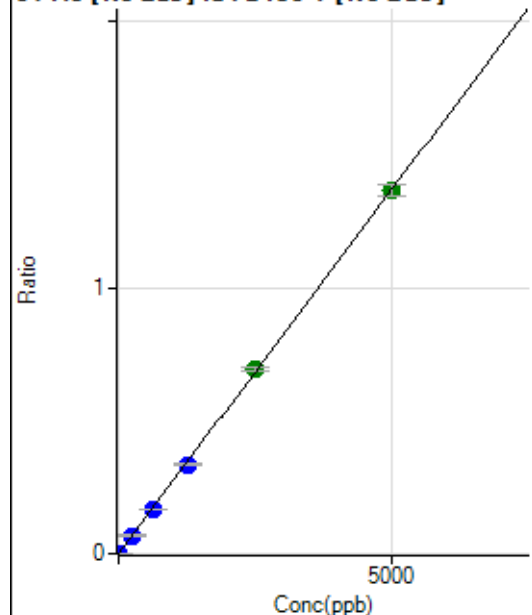
$$DL = 0.01946$$

$$BEC = 0.03785$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0000	P	14.6
2	☐	5.000	4.830	16587.75	0.0013	P	3.1
3	☐	250.000	247.435	850602.36	0.0677	P	3.3
4	☐	625.000	611.847	2106748.87	0.1673	P	1.6
5	☐	1250.000	1228.948	4167304.61	0.3359	P	1.0
6	☐	2500.000	2539.067	8533262.78	0.6940	A	1.2
7	☐	5000.000	4987.502	17158364.10	1.3632	A	3.3
8	☐			5317.82	0.0004	P	5.2

$$y = 2.7332\text{E-}004 * x + 2.2309\text{E-}005$$

$$R = 0.9999$$

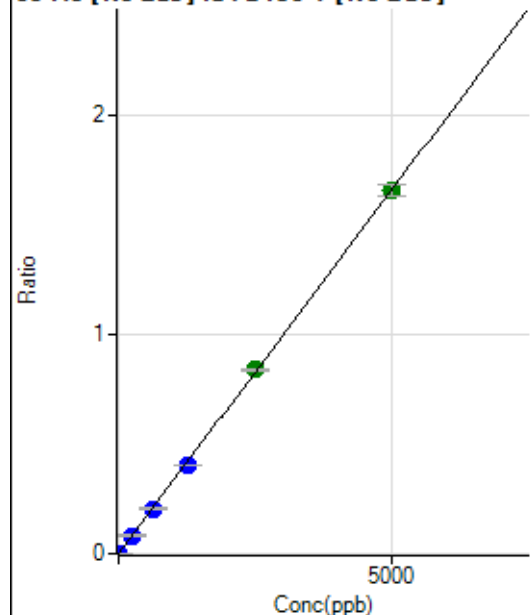
$$DL = 0.03581$$

$$BEC = 0.08162$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	12.2
2	☐	5.000	4.798	19808.50	0.0016	P	1.8
3	☐	250.000	247.657	1033406.38	0.0822	P	3.7
4	☐	625.000	615.696	2573880.29	0.2043	P	2.0
5	☐	1250.000	1225.075	5043950.81	0.4066	P	0.4
6	☐	2500.000	2530.787	10327659.17	0.8399	A	1.2
7	☐	5000.000	4992.118	20853575.47	1.6568	A	3.3
8	☐			6237.62	0.0005	P	1.2

$$y = 3.3188\text{E-}004 * x + 1.0465\text{E-}005$$

$$R = 1.0000$$

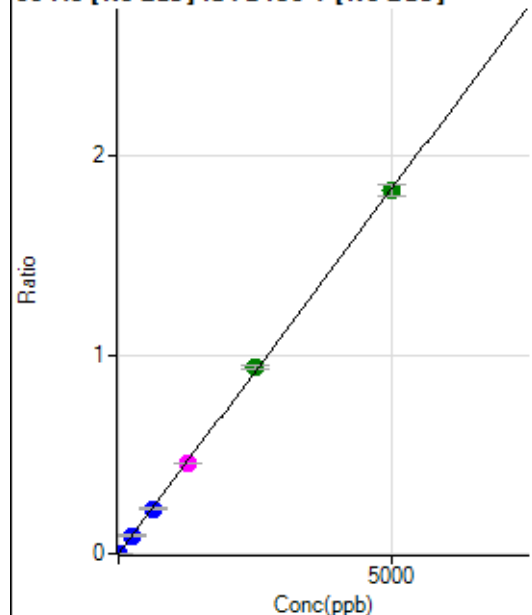
$$DL = 0.01153$$

$$BEC = 0.03153$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	33.2
2	☐	5.000	4.871	22198.23	0.0018	P	1.5
3	☐	250.000	248.948	1147769.90	0.0913	P	3.7
4	☐	625.000	617.895	2854341.62	0.2266	P	1.0
5	☐	1250.000	1237.646	5630275.51	0.4539	M	1.4
6	☐	2500.000	2555.881	11523169.18	0.9372	A	2.1
7	☐	5000.000	4976.089	22967709.20	1.8247	A	3.2
8	☐			11051.75	0.0009	P	3.6

$$y = 3.6670\text{E-}004 * x + 1.0271\text{E-}005$$

$$R = 0.9999$$

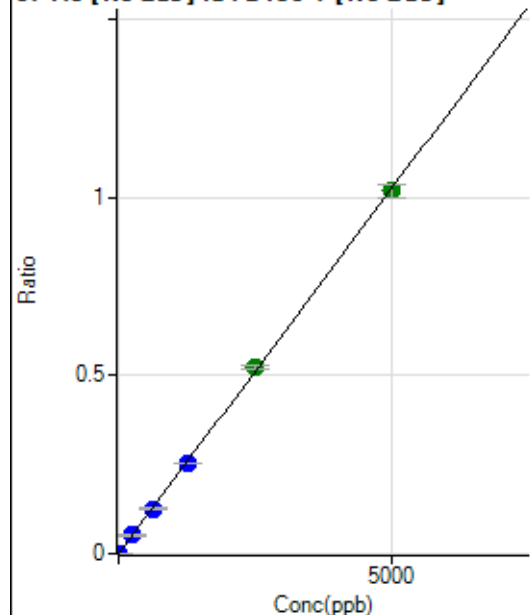
$$DL = 0.02789$$

$$BEC = 0.02801$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	54.2
2	☐	5.000	4.889	12466.86	0.0010	P	0.7
3	☐	250.000	252.348	650693.88	0.0518	P	3.2
4	☐	625.000	616.414	1592410.75	0.1264	P	0.9
5	☐	1250.000	1240.383	3155554.17	0.2544	P	0.6
6	☐	2500.000	2565.015	6466689.55	0.5260	A	1.9
7	☐	5000.000	4970.853	12829716.17	1.0193	A	3.6
8	☐			3600.56	0.0003	P	3.9

$$y = 2.0506\text{E-}004 * x + 6.2555\text{E-}006$$

$$R = 0.9999$$

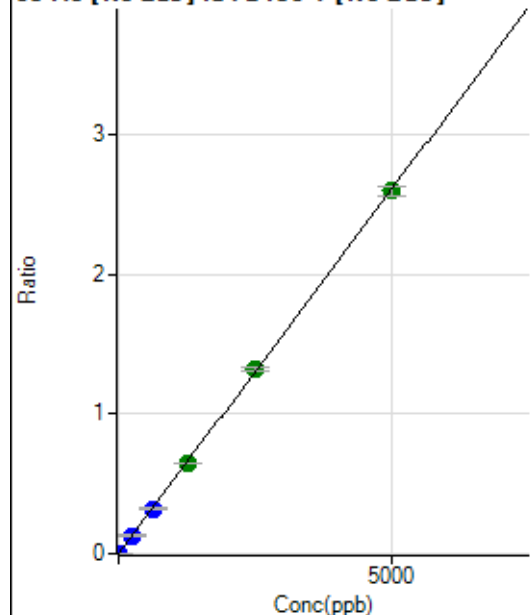
$$DL = 0.04956$$

$$BEC = 0.0305$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	7.0
2	☐	5.000	4.933	31936.38	0.0026	P	2.1
3	☐	250.000	250.581	1643407.02	0.1307	P	3.3
4	☐	625.000	618.922	4066566.24	0.3228	P	1.5
5	☐	1250.000	1242.403	8039417.89	0.6480	A	1.5
6	☐	2500.000	2541.891	16300205.40	1.3258	A	1.8
7	☐	5000.000	4981.685	32708094.13	2.5984	A	2.9
8	☐			9000.28	0.0008	P	3.2

$$y = 5.2159\text{E-}004 * x + 1.1143\text{E-}005$$

$$R = 0.9999$$

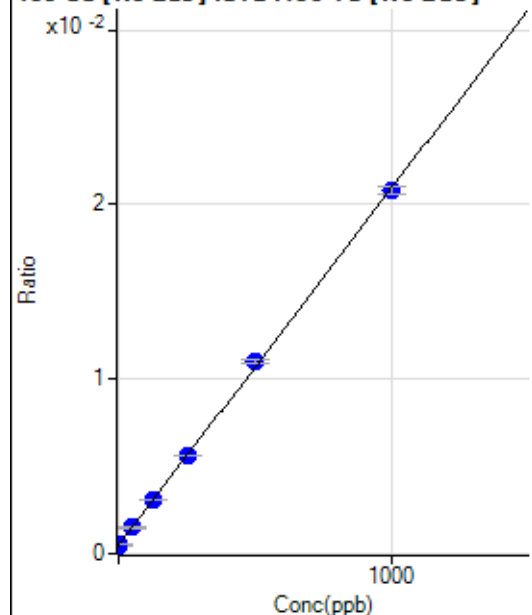
$$DL = 0.004509$$

$$BEC = 0.02136$$

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	5181.66	0.0005	P	2.7
2	☐	1.000	2.003	5640.15	0.0005	P	5.0
3	☐	50.000	50.244	16993.85	0.0015	P	2.3
4	☐	125.000	127.705	34227.77	0.0031	P	1.2
5	☐	250.000	251.344	62141.76	0.0056	P	1.0
6	☐	500.000	513.795	122111.04	0.0110	P	1.9
7	☐	1000.000	992.415	235580.03	0.0208	P	2.0
8	☐			5387.30	0.0005	P	2.6

$$y = 2.0470\text{E-}005 * x + 4.7029\text{E-}004$$

$$R = 0.9999$$

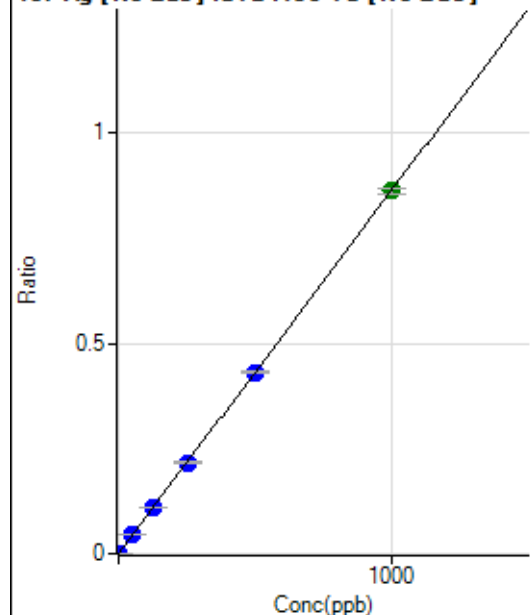
$$DL = 1.859$$

$$BEC = 22.98$$

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	119.45	0.0000	P	14.7
2	☐	1.000	1.012	9759.15	0.0009	P	2.1
3	☐	50.000	51.023	499708.46	0.0441	P	2.4
4	☐	125.000	128.465	1231295.72	0.1110	P	0.2
5	☐	250.000	251.293	2401860.54	0.2170	P	0.3
6	☐	500.000	500.300	4801456.57	0.4321	P	2.0
7	☐	1000.000	999.043	9779370.53	0.8628	A	1.6
8	☐			4878.75	0.0005	P	3.4

$$y = 8.6359\text{E-}004 * x + 1.0840\text{E-}005$$

$$R = 1.0000$$

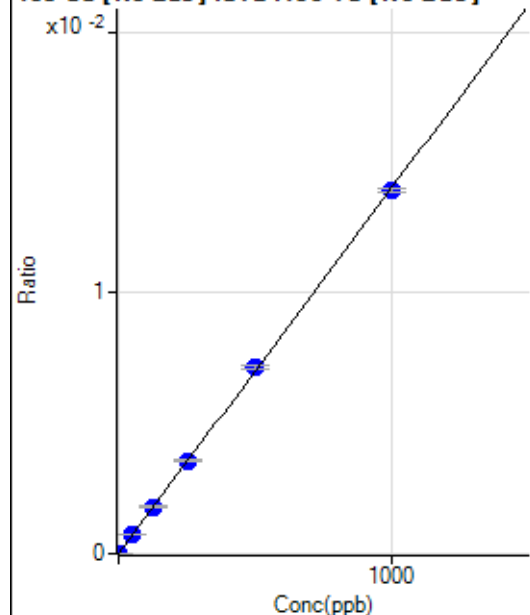
$$DL = 0.005531$$

$$BEC = 0.01255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.83	0.0000	P	53.4
2	☐	1.000	1.195	205.56	0.0000	P	12.9
3	☐	50.000	51.022	8132.97	0.0007	P	2.9
4	☐	125.000	128.399	19991.98	0.0018	P	1.9
5	☐	250.000	253.808	39396.17	0.0036	P	1.4
6	☐	500.000	511.773	79748.26	0.0072	P	1.9
7	☐	1000.000	992.685	157735.60	0.0139	P	1.0
8	☐			161.11	0.0000	P	24.9

$$y = 1.4016\text{E-}005 * x + 1.8978\text{E-}006$$

$$R = 0.9999$$

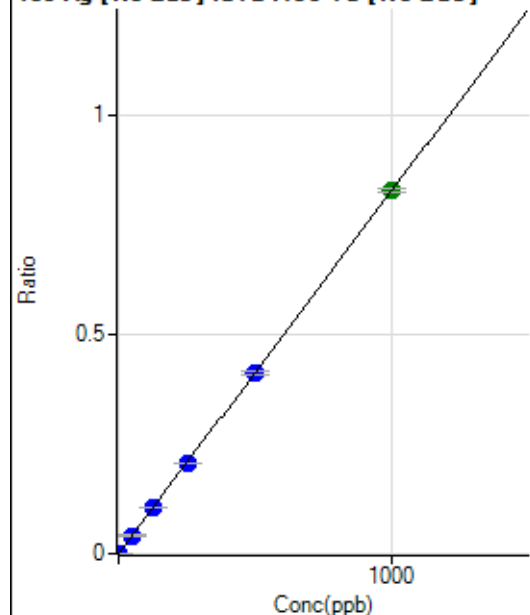
$$DL = 0.217$$

$$BEC = 0.1354$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	28.0
2	☐	1.000	0.992	9100.41	0.0008	P	3.2
3	☐	50.000	50.325	471288.66	0.0416	P	2.4
4	☐	125.000	126.997	1163997.12	0.1049	P	0.0
5	☐	250.000	249.212	2277778.37	0.2058	P	0.9
6	☐	500.000	499.084	4580638.39	0.4122	P	1.5
7	☐	1000.000	1000.389	9364723.56	0.8262	A	1.2
8	☐			4850.97	0.0004	P	5.9

$$y = 8.2586\text{E-}004 * x + 5.8053\text{E-}006$$

$$R = 1.0000$$

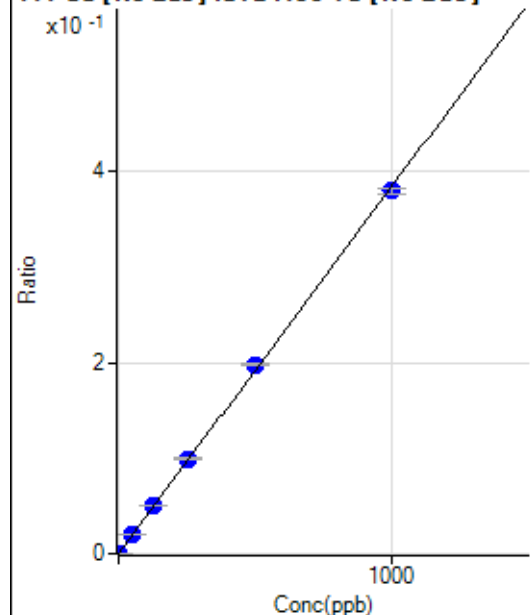
$$DL = 0.005906$$

$$BEC = 0.007029$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.18	0.0000	P	20.5
2	☐	1.000	1.200	5203.26	0.0005	P	4.7
3	☐	50.000	51.950	226300.48	0.0200	P	3.1
4	☐	125.000	132.287	563924.19	0.0508	P	0.3
5	☐	250.000	258.583	1099126.00	0.0993	P	0.9
6	☐	500.000	515.520	2200226.57	0.1980	P	1.6
7	☐	1000.000	989.086	4305598.20	0.3799	P	1.5
8	☐			1120.30	0.0001	P	6.7

$$y = 3.8404\text{E-}004 * x + 1.0821\text{E-}005$$

$$R = 0.9998$$

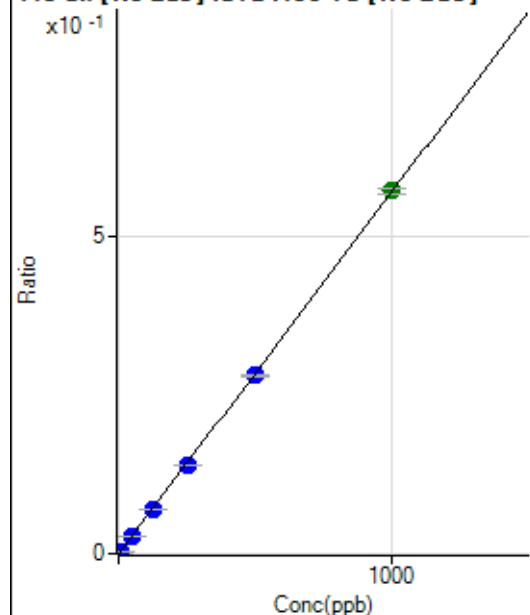
$$DL = 0.01736$$

$$BEC = 0.02818$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.15	0.0001	P	6.7
2	☐	5.000	4.795	30739.53	0.0028	P	2.5
3	☐	50.000	48.719	314353.37	0.0277	P	3.0
4	☐	125.000	123.326	777826.50	0.0701	P	0.4
5	☐	250.000	246.600	1550348.98	0.1401	P	0.4
6	☐	500.000	493.382	3113956.25	0.2802	P	0.7
7	☐	1000.000	1004.433	6465247.80	0.5704	A	1.4
8	☐			3981.22	0.0004	P	7.9

$$y = 5.6781\text{E-}004 * x + 6.4501\text{E-}005$$

$$R = 1.0000$$

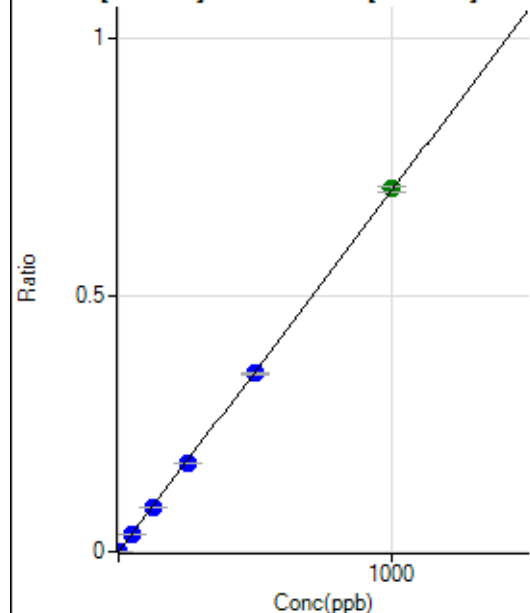
$$DL = 0.02296$$

$$BEC = 0.1136$$

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	38.89	0.0000	P	101.
2	☐	2.000	1.909	14847.09	0.0013	P	2.8
3	☐	50.000	48.732	388501.18	0.0343	P	3.4
4	☐	125.000	123.893	966809.67	0.0871	P	1.1
5	☐	250.000	244.112	1899735.35	0.1717	P	0.6
6	☐	500.000	493.126	3853453.56	0.3468	P	1.6
7	☐	1000.000	1005.111	8011144.45	0.7068	A	1.5
8	☐			6826.83	0.0006	P	4.1

$$y = 7.0318\text{E-}004 * x + 3.5545\text{E-}006$$

$$R = 0.9999$$

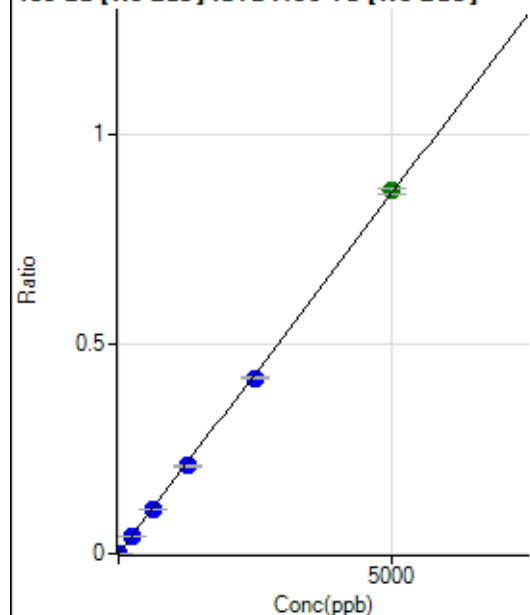
$$DL = 0.01545$$

$$BEC = 0.005055$$

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	50.00	0.0000	P	45.0
2	☐	10.000	9.369	17772.83	0.0016	P	2.3
3	☐	250.000	240.630	467899.48	0.0413	P	3.4
4	☐	625.000	608.909	1159007.84	0.1044	P	0.7
5	☐	1250.000	1218.593	2313032.34	0.2090	P	1.1
6	☐	2500.000	2442.068	4654663.30	0.4189	P	1.8
7	☐	5000.000	5039.299	9796675.56	0.8643	A	1.5
8	☐			16120.80	0.0015	P	1.7

$$y = 1.7151E-004 * x + 4.5474E-006$$

$$R = 0.9999$$

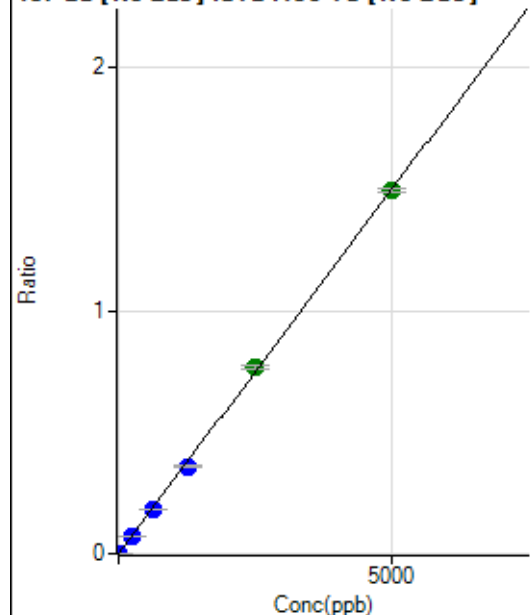
$$DL = 0.03582$$

$$BEC = 0.02651$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	42.2
2	☐	10.000	9.399	31180.02	0.0028	P	2.9
3	☐	250.000	239.227	813356.26	0.0717	P	2.5
4	☐	625.000	604.728	2012308.14	0.1813	P	0.6
5	☐	1250.000	1195.159	3965913.76	0.3584	P	1.2
6	☐	2500.000	2565.863	8549357.40	0.7694	A	2.0
7	☐	5000.000	4983.852	16938754.37	1.4944	A	1.1
8	☐			27650.31	0.0026	P	2.7

$$y = 2.9984E-004 * x + 8.5417E-006$$

$$R = 0.9998$$

$$DL = 0.03608$$

$$BEC = 0.02849$$

Weight: <None>

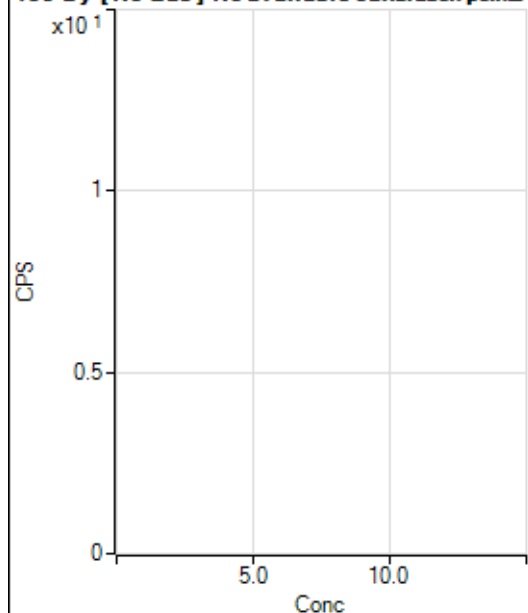
Min Conc: 0

150 Nd [No Gas] No available calibration points

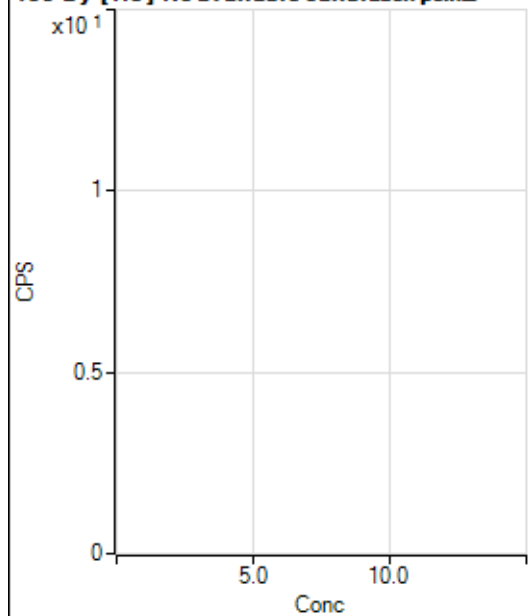
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			13.33		P	100.
3	☐			60.00		P	11.1
4	☐			106.67		P	22.5
5	☐			191.12		P	2.0
6	☐			433.35		P	2.7
7	☐			851.16		P	14.0
8	☐			26.66		P	43.3

150 Nd [He] No available calibration points

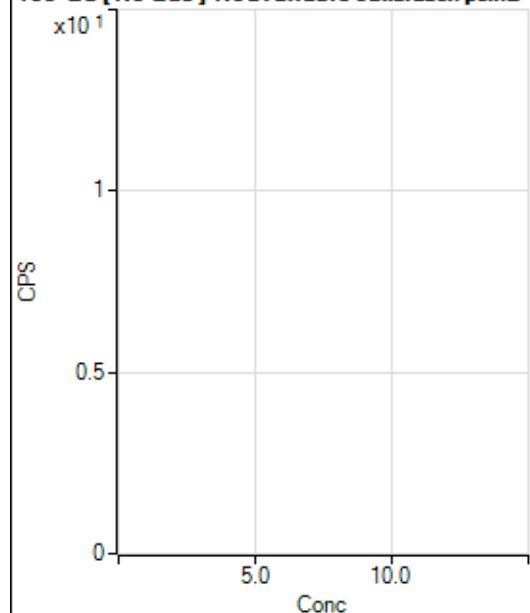
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			10.00		P	33.3
4	☐			26.66		P	43.3
5	☐			44.44		P	11.5
6	☐			80.00		P	7.2
7	☐			102.22		P	16.4
8	☐			12.22		P	78.7

156 Dy [No Gas] No available calibration points

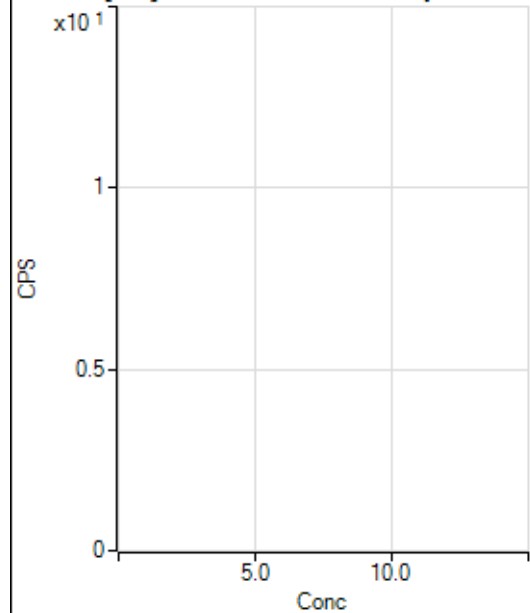
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	100.
2	☐			13.89		P	34.7
3	☐			36.11		P	35.3
4	☐			61.11		P	41.7
5	☐			86.11		P	34.0
6	☐			191.68		P	28.5
7	☐			308.35		P	23.4
8	☐			500.02		P	18.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			5.55		P	69.3
3	☐			14.44		P	66.6
4	☐			40.00		P	8.3
5	☐			71.11		P	7.2
6	☐			94.45		P	30.8
7	☐			215.56		P	15.6
8	☐			348.90		P	13.4

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

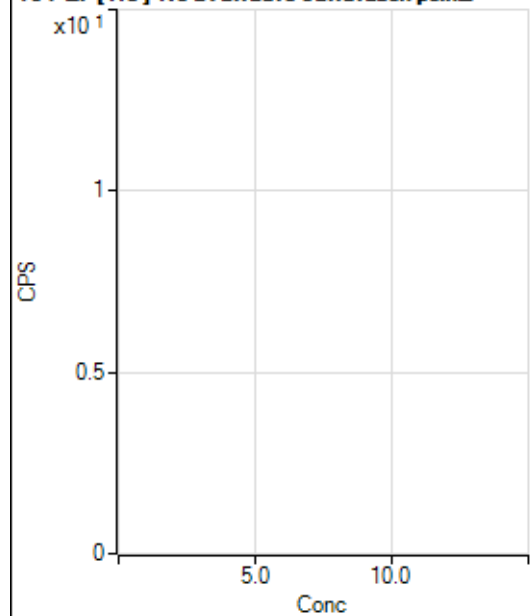
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.45		P	18.4
2	☐			102.78		P	26.1
3	☐			108.34		P	7.7
4	☐			113.89		P	4.2
5	☐			127.78		P	13.6
6	☐			183.34		P	25.3
7	☐			255.57		P	7.5
8	☐			661.14		P	7.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			123.33		P	21.5
2	☐			115.56		P	14.5
3	☐			123.34		P	14.0
4	☐			153.34		P	26.4
5	☐			141.11		P	15.7
6	☐			183.34		P	1.8
7	☐			214.45		P	8.0
8	☐			533.35		P	10.7

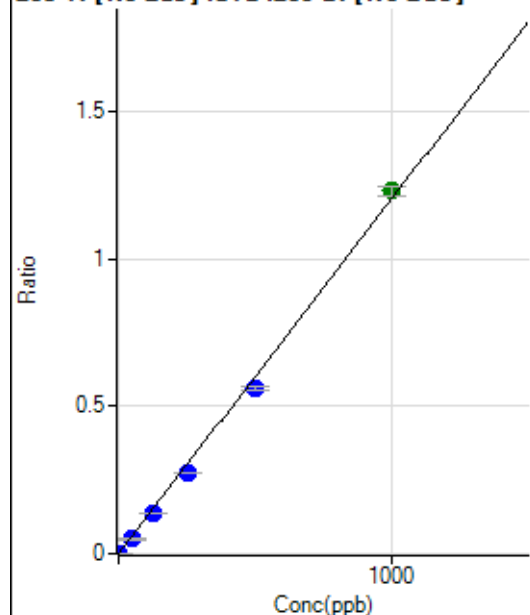
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	0.0
2	☐			41.67		P	20.0
3	☐			38.89		P	81.1
4	☐			63.89		P	32.8
5	☐			55.56		P	22.9
6	☐			111.12		P	4.3
7	☐			75.00		P	11.1
8	☐			100.00		P	16.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	37.8
2	☐			37.78		P	5.1
3	☐			24.45		P	28.4
4	☐			35.56		P	23.6
5	☐			36.67		P	31.5
6	☐			50.00		P	11.5
7	☐			38.89		P	26.2
8	☐			75.55		P	27.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	24.5
2	☐	1.000	0.837	6301.66	0.0010	P	3.0
3	☐	50.000	42.950	335726.14	0.0517	P	10.7
4	☐	125.000	113.465	846584.21	0.1365	P	0.3
5	☐	250.000	227.712	1662289.01	0.2739	P	0.7
6	☐	500.000	467.891	3348831.74	0.5629	P	2.2
7	☐	1000.000	1023.421	7346050.25	1.2312	A	2.8
8	☐			788.94	0.0001	P	9.4

$$y = 0.0012 * x + 9.3778E-006$$

$$R = 0.9990$$

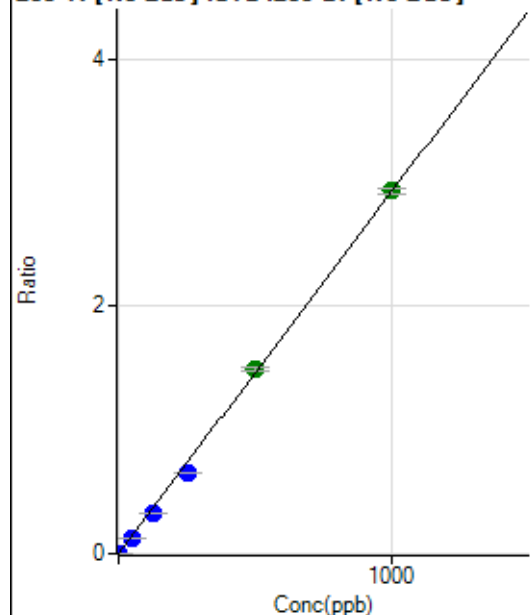
$$DL = 0.00574$$

$$BEC = 0.007795$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	9.1
2	☐	1.000	0.845	15473.28	0.0025	P	1.6
3	☐	50.000	42.621	809784.97	0.1246	P	10.6
4	☐	125.000	110.087	1996257.31	0.3219	P	1.4
5	☐	250.000	222.512	3947875.96	0.6506	P	1.3
6	☐	500.000	511.935	8905888.39	1.4969	A	2.1
7	☐	1000.000	1003.137	17503200.57	2.9331	A	1.8
8	☐			1747.40	0.0003	P	11.0

$$y = 0.0029 * x + 2.3234E-005$$

$$R = 0.9995$$

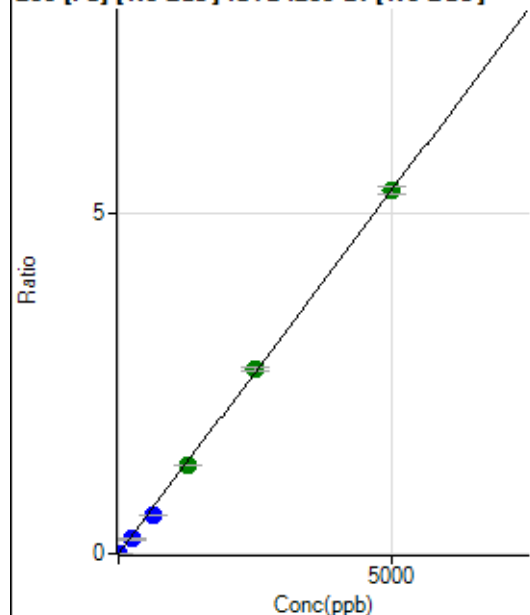
$$DL = 0.002167$$

$$BEC = 0.007946$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.13	0.0001	P	12.7
2	☐	1.000	0.798	5693.90	0.0009	P	4.8
3	☐	250.000	207.411	1439530.85	0.2216	P	10.9
4	☐	625.000	536.807	3556500.60	0.5735	P	1.1
5	☐	1250.000	1223.199	7929009.21	1.3067	A	0.5
6	☐	2500.000	2546.078	16180317.26	2.7198	A	2.8
7	☐	5000.000	4996.815	31850450.71	5.3377	A	2.3
8	☐			47194.77	0.0087	P	4.1

$$y = 0.0011 * x + 6.6137E-005$$

$$R = 0.9998$$

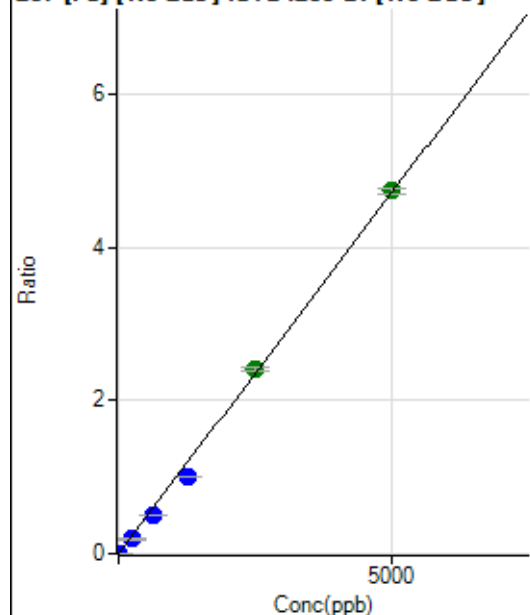
$$DL = 0.02365$$

$$BEC = 0.06191$$

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	311.12	0.0001	P	23.4
2	☐	1.000	0.766	4789.85	0.0008	P	2.2
3	☐	250.000	202.725	1241645.28	0.1912	P	11.0
4	☐	625.000	528.224	3088895.76	0.4981	P	0.3
5	☐	1250.000	1063.769	6086227.33	1.0030	P	0.3
6	☐	2500.000	2563.457	14378504.60	2.4169	A	2.5
7	☐	5000.000	5029.290	28297859.66	4.7417	A	1.4
8	☐			41648.63	0.0077	P	5.8

$$y = 9.4281E-004 * x + 5.0048E-005$$

$$R = 0.9991$$

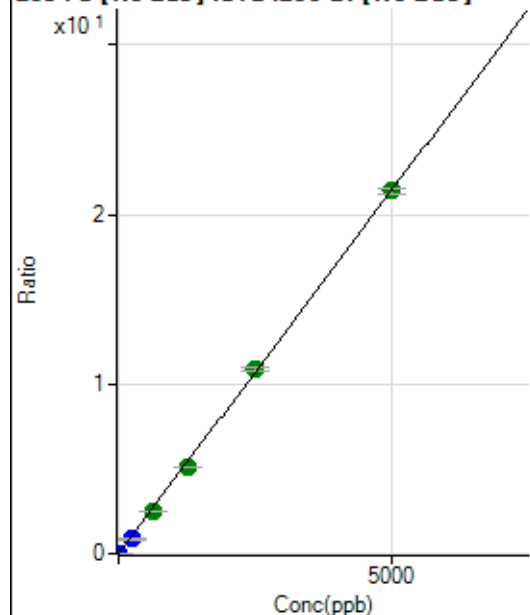
$$DL = 0.03728$$

$$BEC = 0.05308$$

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	1594.52	0.0003	P	7.7
2	☐	1.000	0.773	22113.09	0.0036	P	1.2
3	☐	250.000	205.046	5704294.57	0.8783	P	11.0
4	☐	625.000	574.727	15264733.41	2.4614	A	0.5
5	☐	1250.000	1197.283	31113270.37	5.1273	A	0.7
6	☐	2500.000	2552.646	65034429.12	10.9313	A	2.2
7	☐	5000.000	4995.388	127660744.7	21.3916	A	1.5
8	☐			189221.64	0.0350	P	3.8

$$y = 0.0043 * x + 2.5645E-004$$

$$R = 0.9998$$

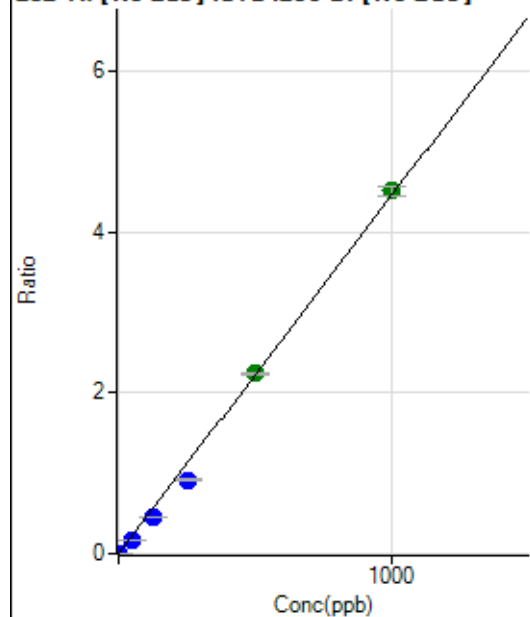
$$DL = 0.01387$$

$$BEC = 0.05989$$

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	666.70	0.0001	P	6.4
2	☐	1.000	-0.001	633.36	0.0001	P	7.9
3	☐	50.000	37.810	1094932.35	0.1686	P	11.0
4	☐	125.000	100.319	2772942.64	0.4471	P	1.0
5	☐	250.000	206.112	5573582.12	0.9185	P	0.7
6	☐	500.000	502.392	13322511.18	2.2387	A	1.7
7	☐	1000.000	1013.471	26947299.68	4.5161	A	2.4
8	☐			5966.31	0.0011	P	13.1

$$y = 0.0045 * x + 1.0720E-004$$

$$R = 0.9989$$

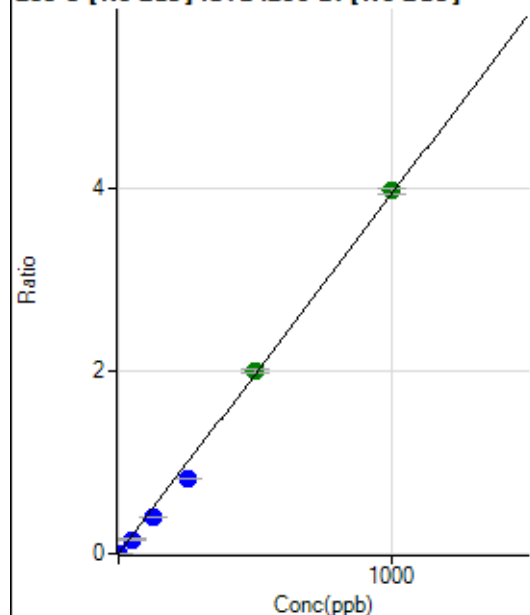
$$DL = 0.004642$$

$$BEC = 0.02406$$

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	47.22	0.0000	P	37.0
2	☐	1.000	0.774	18928.64	0.0031	P	2.5
3	☐	50.000	38.208	976307.60	0.1504	P	11.4
4	☐	125.000	101.422	2475329.07	0.3991	P	0.9
5	☐	250.000	208.085	4968905.84	0.8189	P	0.3
6	☐	500.000	509.238	11923408.69	2.0040	A	1.5
7	☐	1000.000	1009.397	23704241.50	3.9722	A	1.7
8	☐			2508.68	0.0005	P	5.7

$$y = 0.0039 * x + 7.5991E-006$$

$$R = 0.9989$$

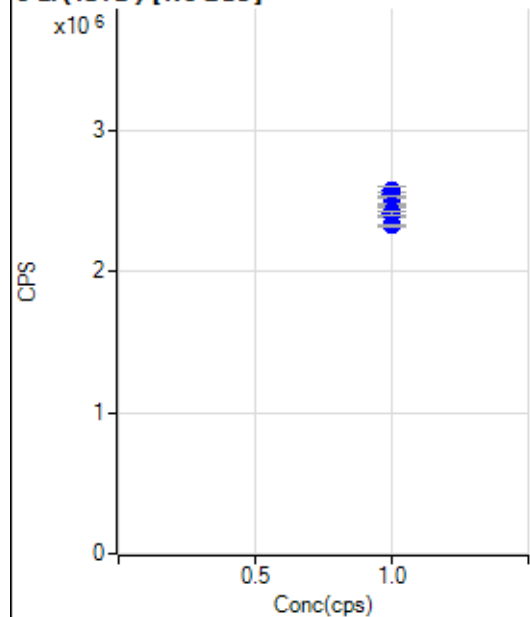
$$DL = 0.002141$$

$$BEC = 0.001931$$

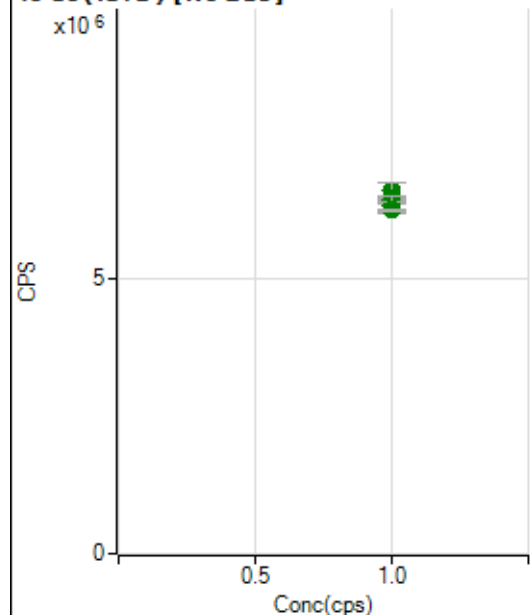
Weight: <None>

Min Conc: 0

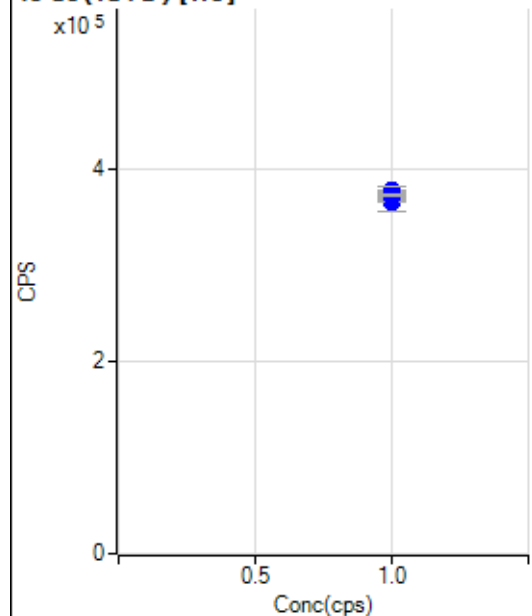
6 Li (ISTD) [No Gas]



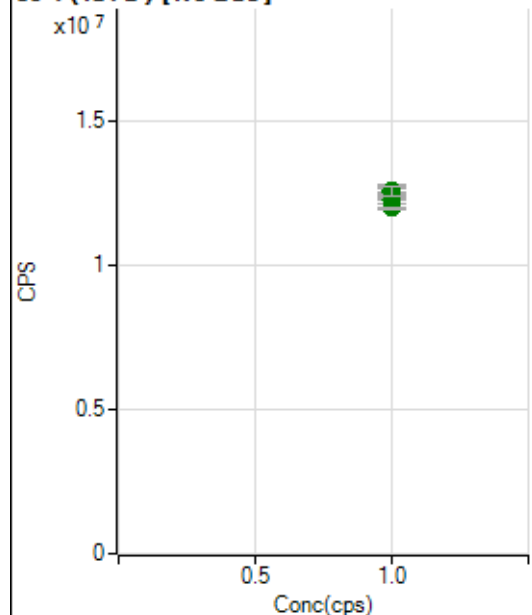
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2523183.75		P	0.4
2	☐	1.000		2550112.83		P	0.8
3	☐	1.000		2573321.44		P	2.8
4	☐	1.000		2533599.53		P	0.4
5	☐	1.000		2471882.32		P	0.3
6	☐	1.000		2421766.09		P	2.4
7	☐	1.000		2411050.19		P	1.2
8	☐	1.000		2326159.22		P	0.9

45 Sc (ISTD) [No Gas]

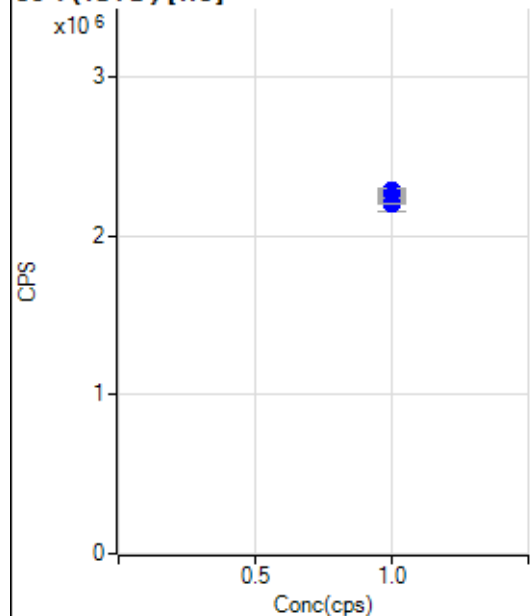
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6476602.06		A	0.6
2	☐	1.000		6507799.49		A	0.7
3	☐	1.000		6610429.83		A	4.4
4	☐	1.000		6467892.61		A	0.8
5	☐	1.000		6410986.50		A	0.8
6	☐	1.000		6331009.00		A	3.6
7	☐	1.000		6461714.91		A	1.9
8	☐	1.000		6259896.02		A	0.6

45 Sc (ISTD) [He]

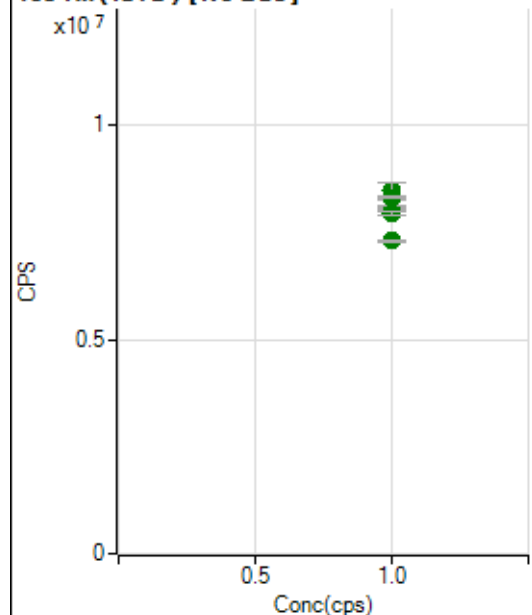
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		376976.86		P	0.7
2	☐	1.000		374763.09		P	0.3
3	☐	1.000		367940.75		P	6.9
4	☐	1.000		370385.44		P	0.4
5	☐	1.000		368943.09		P	0.7
6	☐	1.000		365564.56		P	0.4
7	☐	1.000		366532.49		P	0.4
8	☐	1.000		372339.65		P	0.4

89 Y (ISTD) [No Gas]

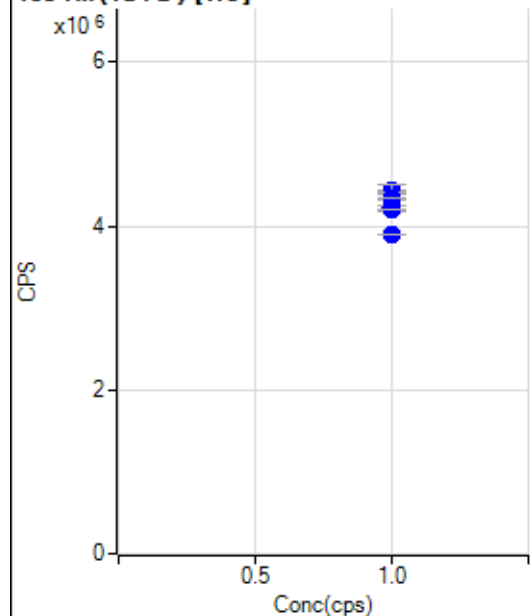
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12465487.31		A	1.1
2	☐	1.000		12358437.45		A	0.7
3	☐	1.000		12581741.90		A	3.3
4	☐	1.000		12597984.53		A	1.3
5	☐	1.000		12405691.20		A	0.1
6	☐	1.000		12296897.32		A	2.1
7	☐	1.000		12593072.17		A	2.3
8	☐	1.000		11992327.04		A	0.5

89 Y (ISTD) [He]

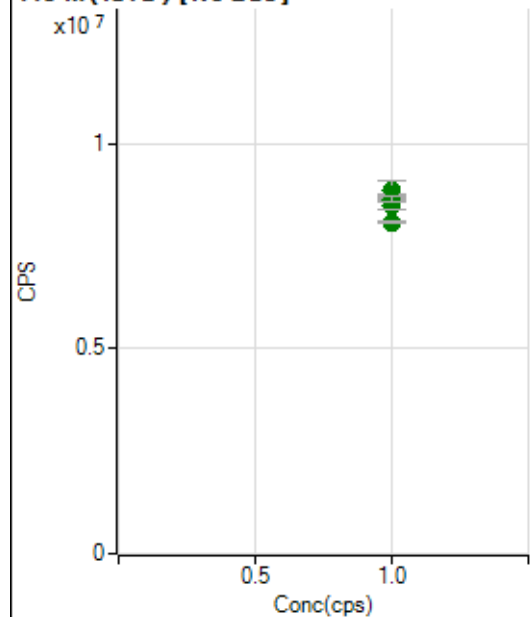
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2282389.62		P	0.3
2	☐	1.000		2262579.83		P	0.3
3	☐	1.000		2222968.99		P	6.7
4	☐	1.000		2250041.69		P	0.2
5	☐	1.000		2253591.60		P	0.4
6	☐	1.000		2219562.09		P	0.8
7	☐	1.000		2241222.62		P	0.2
8	☐	1.000		2201778.47		P	0.1

103 Rh (ISTD) [No Gas]

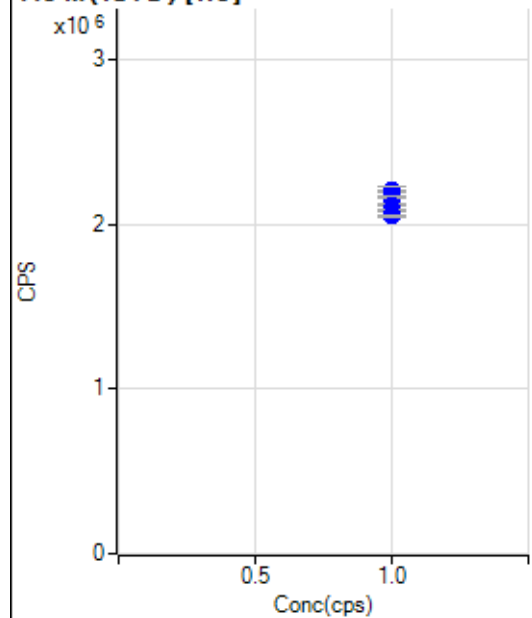
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8313450.43		A	0.6
2	☐	1.000		8303035.78		A	0.3
3	☐	1.000		8467228.48		A	4.4
4	☐	1.000		8313456.06		A	0.3
5	☐	1.000		8042368.70		A	0.7
6	☐	1.000		8002501.34		A	2.8
7	☐	1.000		7949740.09		A	1.2
8	☐	1.000		7296447.67		A	0.6

103 Rh (ISTD) [He]

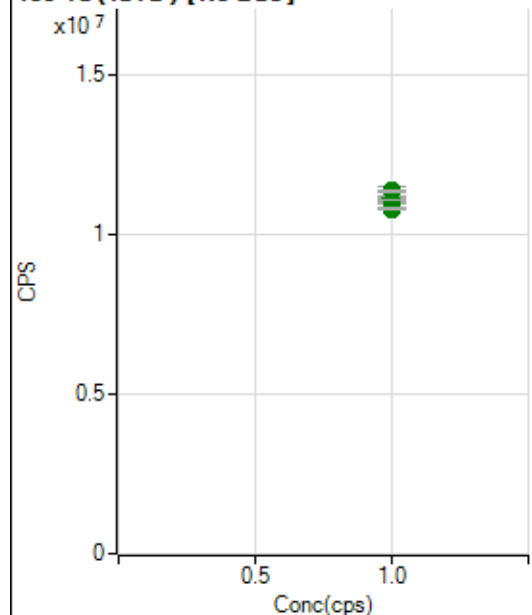
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4427352.37		P	0.4
2	☐	1.000		4404227.26		P	0.6
3	☐	1.000		4337503.23		P	7.5
4	☐	1.000		4328085.18		P	0.6
5	☐	1.000		4340327.44		P	0.4
6	☐	1.000		4230422.12		P	1.1
7	☐	1.000		4202326.88		P	0.3
8	☐	1.000		3899746.26		P	0.2

115 In (ISTD) [No Gas]

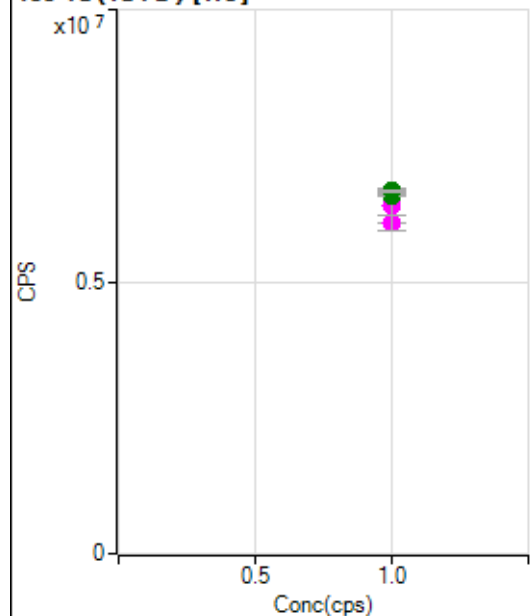
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8685787.20		A	0.4
2	☐	1.000		8692694.72		A	0.8
3	☐	1.000		8837324.95		A	5.2
4	☐	1.000		8740786.66		A	0.4
5	☐	1.000		8610697.72		A	0.7
6	☐	1.000		8499902.17		A	2.4
7	☐	1.000		8625682.57		A	1.5
8	☐	1.000		8069079.96		A	0.6

115 In (ISTD) [He]

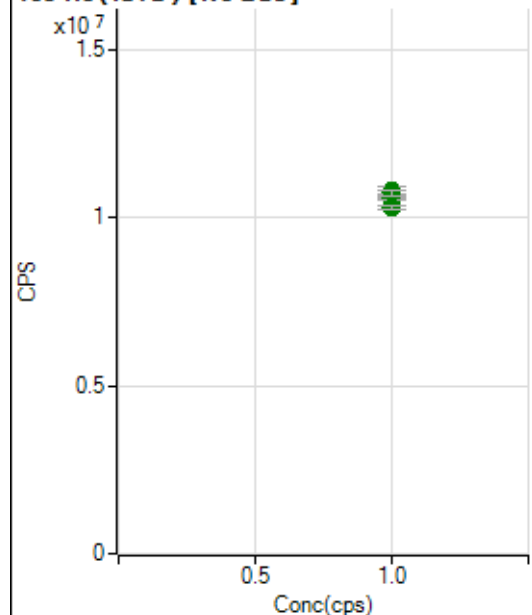
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2201348.52		P	0.3
2	☐	1.000		2194311.71		P	0.3
3	☐	1.000		2153938.19		P	7.1
4	☐	1.000		2165110.26		P	0.3
5	☐	1.000		2163913.24		P	0.8
6	☐	1.000		2117612.79		P	1.0
7	☐	1.000		2089474.37		P	0.4
8	☐	1.000		2048535.36		P	0.3

159 Tb (ISTD) [No Gas]

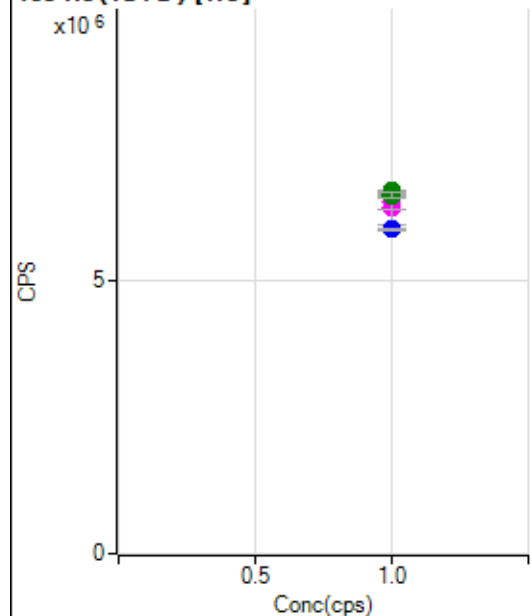
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11020121.23		A	1.2
2	☐	1.000		11029403.17		A	0.6
3	☐	1.000		11342910.11		A	2.7
4	☐	1.000		11097626.09		A	0.6
5	☐	1.000		11067414.14		A	1.0
6	☐	1.000		11113492.61		A	1.4
7	☐	1.000		11335555.80		A	0.8
8	☐	1.000		10785039.28		A	0.7

159 Tb (ISTD) [He]

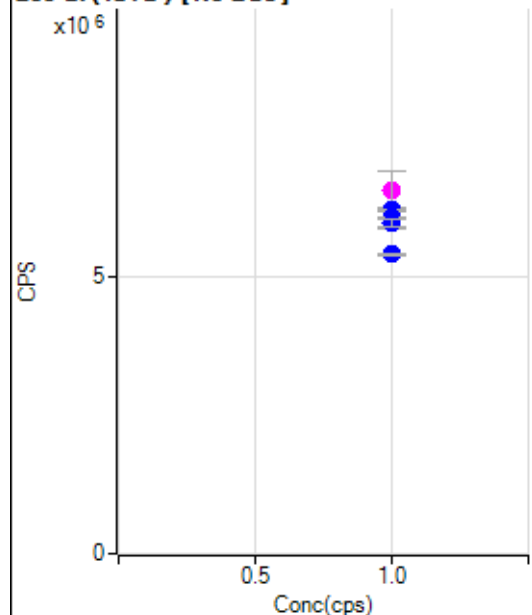
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6621932.05		A	0.6
2	☐	1.000		6664715.11		A	0.6
3	☐	1.000		6409924.90		M	9.8
4	☐	1.000		6657332.89		A	1.1
5	☐	1.000		6666813.93		A	0.7
6	☐	1.000		6589905.60		A	0.6
7	☐	1.000		6677836.36		A	0.4
8	☐	1.000		6089283.31		M	4.2

165 Ho (ISTD) [No Gas]

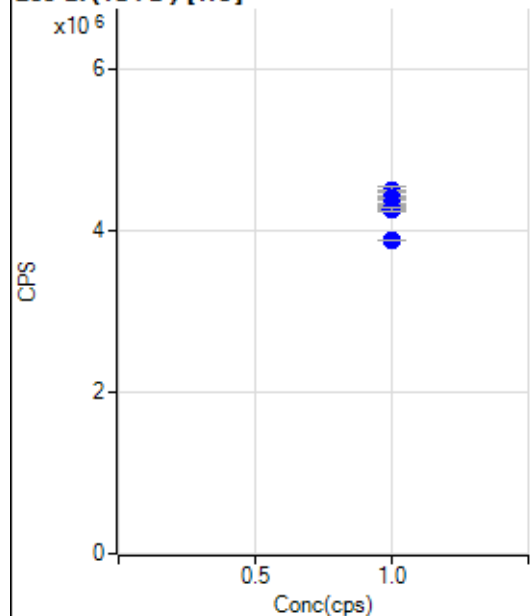
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10556355.26		A	0.6
2	☐	1.000		10581087.55		A	0.5
3	☐	1.000		10794161.09		A	2.9
4	☐	1.000		10641188.94		A	1.1
5	☐	1.000		10537410.12		A	0.5
6	☐	1.000		10582068.04		A	0.9
7	☐	1.000		10736523.66		A	1.8
8	☐	1.000		10306836.58		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6543670.04		A	0.2
2	☐	1.000		6516581.99		A	0.6
3	☐	1.000		6316800.60		M	9.4
4	☐	1.000		6430143.79		M	4.4
5	☐	1.000		6629464.07		A	0.3
6	☐	1.000		6549272.96		A	1.4
7	☐	1.000		6561549.21		A	1.4
8	☐	1.000		5929652.97		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6218281.23		P	0.4
2	☐	1.000		6202221.85		P	0.5
3	☐	1.000		6546585.94		M	10.8
4	☐	1.000		6201805.05		P	0.6
5	☐	1.000		6068119.15		P	0.7
6	☐	1.000		5951522.48		P	2.6
7	☐	1.000		5969080.81		P	2.2
8	☐	1.000		5401372.38		P	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4491641.25		P	0.4
2	☐	1.000		4490998.89		P	0.5
3	☐	1.000		4394536.71		P	6.5
4	☐	1.000		4399654.86		P	1.0
5	☐	1.000		4397708.68		P	0.7
6	☐	1.000		4321710.56		P	0.6
7	☐	1.000		4263005.60		P	0.7
8	☐	1.000		3878317.27		P	0.4

US EPA Tune Check Sample Report

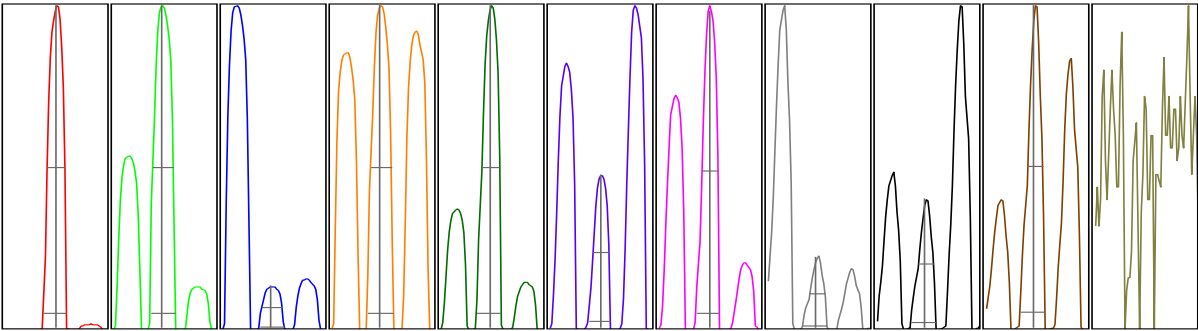
Batch Folder C:\Agilent\ICPMH\1\DATA\P7110220IMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6502	1.07	5.00	
24	90271	0.70	5.00	
25	11900	0.93	5.00	
26	13907	1.00	5.00	
59	49652	0.72	5.00	
113	7821	0.63	5.00	
115	22601	1.50	5.00	
206	9404	0.94	5.00	
207	7941	0.67	5.00	
208	19549	0.91	5.00	
220	1	24.59		

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	6463	6546	6599	6426	6478
24	90116	90021	91139	89475	90603
25	11865	11935	12053	11748	11899
26	13837	13930	14134	13774	13857
59	49616	49726	50150	49144	49622
113	7803	7826	7893	7757	7828
115	22929	22652	22923	22226	22275
206	9304	9321	9509	9439	9449
207	7849	7961	7973	7943	7981
208	19299	19535	19800	19585	19524
220	1	1	1	1	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	12518	9.05	8.9 - 9.1		0.685	0.900	
24	156164	23.95	23.9 - 24.1		0.738	0.900	
25	20759	24.95	24.9 - 25.1		0.732	0.900	
26	24244	25.95	25.9 - 26.1		0.776	0.900	
59	94220	59.00	58.9 - 59.1		0.719	0.900	
113	16286	113.05	112.9 - 113.1		0.644	0.900	
115	46628	115.05	114.9 - 115.1		0.683	0.900	
206	20709	205.95	205.9 - 206.1		0.700	0.900	
207	17466	206.95	206.9 - 207.1		0.726	0.900	
208	43583	207.95	207.9 - 208.1		0.721	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	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		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.4	V	Deflect	13.8	V
Extract 2	-190.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	14364	0.43	
89	46720	0.51	
205	28944	0.54	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	14414	14316	14440	14350	14299
89	46956	46342	46757	46882	46665
205	29136	28742	28829	29011	29004

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	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		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.8	V	Deflect	2.4	V
Extract 2	-195.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	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	3.9	mL/min	OctP RF	200	V			

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:12:12 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	-0.41	0.21	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	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	-0.01	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.77	0.74	0.03	0.00	N/A	ppb
Boron	11-1	-0.10	0.14	-0.04	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	0.49	0.21	-0.70	0.00	N/A	ppb
Cadmium	108-1	0.05	0.03	-0.08	0.00	N/A	ppb
Calcium	43-1	2.41	-3.51	1.09	0.00	N/A	ppb
Calcium	44-1	0.14	-0.46	0.32	0.00	N/A	ppb
Chromium	52-2	-0.02	0.02	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	54-2	0.18	-0.58	0.39	0.00	N/A	ppb
Iron	56-2	-0.01	0.07	-0.06	0.00	N/A	ppb
Iron	57-2	0.45	-0.01	-0.44	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:12:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.18	0.18	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-6.61	4.41	-6.39	-2.86		ppb
Potassium	39-2	4.33	-3.54	-0.79	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.32	0.55	-0.23	0.00	N/A	ppb
Selenium	77-2	-0.25	0.49	-0.25	0.00	N/A	ppb
Selenium	78-2	-0.40	0.22	0.18	0.00	N/A	ppb
Silicon	28-1	0.97	-1.00	0.04	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.08	1.27	-1.36	0.00	N/A	ppb
Strontium	86-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	40.50	-66.94	-148.37	-58.27		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:12:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.12	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:15:43	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.09	18.94	24.05	21.69	11.87	ppb
Antimony	121-1	1.94	1.85	1.94	1.91	2.85	ppb
Arsenic	75-2	1.06	1.00	1.00	1.02	3.54	ppb
Barium	135-1	9.57	9.14	9.40	9.37	2.27	ppb
Barium	137-1	9.71	9.29	9.20	9.40	2.87	ppb
Beryllium	9-1	1.02	0.92	0.97	0.97	5.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	23.16	22.38	23.47	23.00	2.45	ppb
Boron	11-1	22.23	21.87	22.54	22.21	1.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.27	1.16	1.17	1.20	4.77	ppb
Cadmium	106-1	3.02	2.37	0.62	2.00	62.09	ppb
Cadmium	108-1	1.05	1.15	1.38	1.19	14.34	ppb
Calcium	43-1	498.95	466.53	499.92	488.47	3.89	ppb
Calcium	44-1	504.79	496.51	496.86	499.39	0.94	ppb
Chromium	52-2	1.86	1.95	2.05	1.95	4.90	ppb
Cobalt	59-2	0.97	1.02	0.99	0.99	2.17	ppb
Copper	63-2	2.30	2.18	2.10	2.19	4.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	54.63	53.02	57.05	54.90	3.70	ppb
Iron	56-2	52.95	53.66	52.55	53.05	1.06	ppb
Iron	57-2	51.55	56.67	55.34	54.52	4.88	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.75	0.82	0.80	5.16	ppb
Lead	207-1	0.78	0.75	0.77	0.77	2.33	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:15:43	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.78	0.76	0.77	0.77	1.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	529.35	523.29	517.43	523.36	1.14	ppb
Manganese	55-2	1.01	1.00	0.86	0.96	9.16	ppb
Molybdenum	94-1	4.67	4.97	4.85	4.83	3.16	ppb
Molybdenum	95-1	4.72	4.89	4.79	4.80	1.77	ppb
Molybdenum	96-1	4.80	4.94	4.87	4.87	1.48	ppb
Molybdenum	97-1	4.88	4.93	4.86	4.89	0.70	ppb
Molybdenum	98-1	4.89	5.05	4.86	4.93	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.00	1.08	1.05	4.32	ppb
Phosphorus	31-2	-0.27	11.60	-2.74	2.86	267.74	ppb
Potassium	39-2	517.24	514.76	512.11	514.70	0.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.52	4.42	4.96	4.63	6.23	ppb
Selenium	77-2	3.48	5.36	4.62	4.49	21.20	ppb
Selenium	78-2	5.06	4.31	4.45	4.61	8.62	ppb
Silicon	28-1	9.42	8.37	9.90	9.23	8.47	ppb
Silver	109-1	0.99	0.96	1.03	0.99	3.25	ppb
Silver	107-1	1.00	1.00	1.04	1.01	2.08	ppb
Sodium	23-2	539.59	525.16	523.34	529.37	1.68	ppb
Strontium	86-1	0.98	1.04	0.95	0.99	5.05	ppb
Strontium	88-1	0.96	1.00	0.97	0.98	2.36	ppb
Sulfur	34-1	54.93	-43.52	163.41	58.27	177.62	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.82	0.82	0.84	3.02	ppb
Thallium	205-1	0.83	0.85	0.86	0.85	1.66	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.77	4.69	4.93	4.80	2.55	ppb
Titanium	47-1	4.80	4.82	4.82	4.81	0.26	ppb
Uranium	238-1	0.79	0.78	0.75	0.77	2.47	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:15:43	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.86	4.82	4.81	4.83	0.63	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.01	2.17	2.15	2.11	4.30	ppb
Zirconium	90-1	0.96	0.98	0.93	0.96	2.88	ppb
Zirconium	91-1	0.92	0.94	1.02	0.96	5.66	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:19:14	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1067.48	980.12	1068.60	1038.73	4.89	ppb
Antimony	121-1	50.15	46.94	49.11	48.73	3.36	ppb
Arsenic	75-2	52.05	47.50	51.56	50.37	4.95	ppb
Barium	135-1	248.80	232.45	240.64	240.63	3.40	ppb
Barium	137-1	245.01	232.87	239.81	239.23	2.55	ppb
Beryllium	9-1	51.05	47.75	50.12	49.64	3.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	46.30	45.51	47.73	46.51	2.42	ppb
Boron	11-1	48.04	44.95	49.93	47.64	5.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	53.58	50.39	51.89	51.95	3.07	ppb
Cadmium	106-1	52.18	49.06	49.49	50.24	3.36	ppb
Cadmium	108-1	52.08	51.64	49.35	51.02	2.88	ppb
Calcium	43-1	5258.24	4860.81	5266.25	5128.43	4.52	ppb
Calcium	44-1	5307.45	4918.80	5356.46	5194.23	4.62	ppb
Chromium	52-2	51.63	46.74	50.50	49.62	5.16	ppb
Cobalt	59-2	52.73	48.10	52.14	50.99	4.94	ppb
Copper	63-2	512.91	469.39	510.63	497.64	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	2854.64	2618.27	2768.04	2746.98	4.35	ppb
Iron	56-2	2728.47	2444.59	2637.97	2603.67	5.57	ppb
Iron	57-2	2792.49	2524.11	2738.27	2684.96	5.29	ppb
Krypton	83-1						cps
Lead	206-1	221.00	181.36	219.88	207.41	10.88	ppb
Lead	207-1	215.97	176.86	215.34	202.72	11.05	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:19:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	217.96	178.90	218.28	205.05	11.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	5570.42	5121.66	5616.01	5436.03	5.03	ppb
Manganese	55-2	511.69	469.43	510.02	497.04	4.81	ppb
Molybdenum	94-1	255.86	239.44	247.01	247.44	3.32	ppb
Molybdenum	95-1	254.76	237.29	250.92	247.66	3.71	ppb
Molybdenum	96-1	256.48	238.55	251.81	248.95	3.74	ppb
Molybdenum	97-1	257.93	243.00	256.12	252.35	3.23	ppb
Molybdenum	98-1	257.48	241.30	252.97	250.58	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.27	48.51	51.95	51.24	4.79	ppb
Phosphorus	31-2	1034.11	943.99	1010.30	996.13	4.69	ppb
Potassium	39-2	2782.60	2586.21	2995.33	2788.05	7.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	51.60	49.68	50.43	50.57	1.91	ppb
Selenium	77-2	58.82	55.70	46.04	53.52	12.45	ppb
Selenium	78-2	55.55	46.26	55.78	52.53	10.34	ppb
Silicon	28-1	49.25	40.67	53.87	47.93	13.97	ppb
Silver	109-1	51.53	49.14	50.31	50.32	2.38	ppb
Silver	107-1	52.21	49.74	51.12	51.02	2.42	ppb
Sodium	23-2	5629.76	5223.55	5914.15	5589.16	6.21	ppb
Strontium	86-1	52.38	49.46	51.05	50.96	2.87	ppb
Strontium	88-1	50.94	47.42	50.06	49.47	3.70	ppb
Sulfur	34-1	869.67	-152.76	989.64	568.85	110.36	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	45.26	37.68	45.91	42.95	10.66	ppb
Thallium	205-1	45.66	37.43	44.77	42.62	10.59	ppb
Thorium	232-1	40.33	33.00	40.10	37.81	11.01	ppb
Tin	118-1	50.37	47.60	48.19	48.72	3.00	ppb
Titanium	47-1	249.39	233.75	255.77	246.30	4.60	ppb
Uranium	238-1	40.96	33.19	40.47	38.21	11.39	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:19:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.81	46.43	50.84	49.36	5.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	526.84	486.76	529.33	514.31	4.65	ppb
Zirconium	90-1	51.06	47.01	49.73	49.27	4.20	ppb
Zirconium	91-1	51.52	47.44	51.07	50.01	4.47	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:22:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2694.22	2721.96	2602.35	2672.84	2.34	ppb
Antimony	121-1	122.32	124.79	124.56	123.89	1.10	ppb
Arsenic	75-2	125.06	127.85	124.48	125.80	1.43	ppb
Barium	135-1	604.43	612.18	610.11	608.91	0.66	ppb
Barium	137-1	600.96	607.69	605.54	604.73	0.57	ppb
Beryllium	9-1	126.88	122.99	126.77	125.55	1.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	118.01	119.22	124.38	120.54	2.81	ppb
Boron	11-1	119.05	120.97	120.39	120.13	0.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	132.64	131.77	132.45	132.29	0.34	ppb
Cadmium	106-1	126.17	127.30	129.65	127.70	1.39	ppb
Cadmium	108-1	125.83	130.72	128.65	128.40	1.91	ppb
Calcium	43-1	13101.13	12925.82	13082.48	13036.48	0.74	ppb
Calcium	44-1	12494.76	12122.87	12448.37	12355.33	1.64	ppb
Chromium	52-2	127.22	126.97	124.53	126.24	1.18	ppb
Cobalt	59-2	128.59	128.13	126.64	127.79	0.80	ppb
Copper	63-2	1247.04	1244.36	1234.57	1241.99	0.53	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				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	7062.93	7006.92	6938.13	7002.66	0.89	ppb
Iron	56-2	6772.96	6695.71	6653.41	6707.36	0.90	ppb
Iron	57-2	6832.48	6885.94	6752.38	6823.60	0.99	ppb
Krypton	83-1						cps
Lead	206-1	540.61	530.16	539.66	536.81	1.08	ppb
Lead	207-1	527.00	527.95	529.72	528.22	0.26	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:22:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	572.31	573.61	578.26	574.73	0.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	13574.09	13634.34	13413.89	13540.77	0.84	ppb
Manganese	55-2	1252.60	1248.07	1254.26	1251.64	0.26	ppb
Molybdenum	94-1	602.73	621.95	610.87	611.85	1.58	ppb
Molybdenum	95-1	601.62	624.44	621.02	615.70	2.00	ppb
Molybdenum	96-1	610.51	620.81	622.36	617.89	1.04	ppb
Molybdenum	97-1	610.43	617.29	621.51	616.41	0.91	ppb
Molybdenum	98-1	608.33	624.87	623.57	618.92	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.61	129.04	126.75	128.80	1.50	ppb
Phosphorus	31-2	2610.71	2568.16	2464.94	2547.94	2.94	ppb
Potassium	39-2	6776.97	6842.07	6864.07	6827.70	0.66	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	124.03	130.78	126.86	127.23	2.66	ppb
Selenium	77-2	126.88	128.33	136.74	130.65	4.07	ppb
Selenium	78-2	129.49	129.59	126.58	128.55	1.33	ppb
Silicon	28-1	127.68	129.02	137.15	131.28	3.90	ppb
Silver	109-1	126.99	126.98	127.01	127.00	0.01	ppb
Silver	107-1	128.45	128.78	128.16	128.46	0.24	ppb
Sodium	23-2	13093.18	13232.21	12977.02	13100.80	0.98	ppb
Strontium	86-1	124.51	126.60	127.43	126.18	1.19	ppb
Strontium	88-1	122.02	124.64	122.71	123.12	1.11	ppb
Sulfur	34-1	2237.79	2187.69	2429.34	2284.94	5.58	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	113.77	113.14	113.49	113.47	0.28	ppb
Thallium	205-1	110.73	108.38	111.15	110.09	1.36	ppb
Thorium	232-1	101.45	99.85	99.65	100.32	0.98	ppb
Tin	118-1	123.14	123.92	122.92	123.33	0.43	ppb
Titanium	47-1	620.73	613.81	628.03	620.86	1.15	ppb
Uranium	238-1	100.45	102.12	101.70	101.42	0.85	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:22:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	125.32	125.17	122.90	124.46	1.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1294.30	1305.61	1291.40	1297.10	0.58	ppb
Zirconium	90-1	122.22	124.64	123.29	123.38	0.98	ppb
Zirconium	91-1	122.40	126.97	125.15	124.84	1.84	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:26:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5297.12	5243.71	4820.68	5120.50	5.10	ppb
Antimony	121-1	242.34	244.68	245.31	244.11	0.64	ppb
Arsenic	75-2	249.12	249.43	236.94	245.16	2.90	ppb
Barium	135-1	1204.07	1222.04	1229.67	1218.59	1.08	ppb
Barium	137-1	1179.10	1202.30	1204.08	1195.16	1.17	ppb
Beryllium	9-1	248.54	250.89	249.79	249.74	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	242.02	243.20	247.72	244.32	1.23	ppb
Boron	11-1	239.57	244.26	250.42	244.75	2.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	256.11	258.87	260.77	258.58	0.91	ppb
Cadmium	106-1	248.48	251.91	253.65	251.34	1.05	ppb
Cadmium	108-1	257.19	253.99	250.24	253.81	1.37	ppb
Calcium	43-1	26070.67	25792.16	25830.66	25897.83	0.58	ppb
Calcium	44-1	24922.68	24460.97	24760.54	24714.73	0.95	ppb
Chromium	52-2	252.58	249.67	230.94	244.39	4.81	ppb
Cobalt	59-2	252.91	252.93	236.87	247.57	3.74	ppb
Copper	63-2	2546.55	2542.77	2360.90	2483.41	4.27	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				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	13987.14	13954.74	12841.14	13594.34	4.80	ppb
Iron	56-2	13421.24	13217.42	12236.22	12958.29	4.89	ppb
Iron	57-2	13648.82	13630.29	12477.40	13252.17	5.06	ppb
Krypton	83-1						cps
Lead	206-1	1215.98	1224.86	1228.76	1223.20	0.54	ppb
Lead	207-1	1065.50	1060.47	1065.33	1063.77	0.27	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:26:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1205.42	1188.13	1198.30	1197.28	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	26466.34	25748.10	23853.69	25356.04	5.32	ppb
Manganese	55-2	2501.02	2485.59	2332.67	2439.76	3.81	ppb
Molybdenum	94-1	1231.57	1216.02	1239.25	1228.95	0.96	ppb
Molybdenum	95-1	1229.13	1220.28	1225.81	1225.08	0.37	ppb
Molybdenum	96-1	1234.34	1255.86	1222.74	1237.65	1.36	ppb
Molybdenum	97-1	1249.40	1236.96	1234.79	1240.38	0.64	ppb
Molybdenum	98-1	1263.37	1229.75	1234.09	1242.40	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.80	254.21	236.57	248.86	4.29	ppb
Phosphorus	31-2	5064.80	4972.16	4791.12	4942.69	2.82	ppb
Potassium	39-2	13474.96	13414.81	13162.58	13350.79	1.24	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	252.22	253.91	255.44	253.85	0.63	ppb
Selenium	77-2	265.07	257.21	220.42	247.57	9.63	ppb
Selenium	78-2	252.57	255.20	239.62	249.13	3.35	ppb
Silicon	28-1	256.33	259.29	273.42	263.01	3.47	ppb
Silver	109-1	247.10	249.11	251.43	249.21	0.87	ppb
Silver	107-1	250.48	251.83	251.56	251.29	0.28	ppb
Sodium	23-2	25931.78	25808.93	24721.40	25487.37	2.61	ppb
Strontium	86-1	250.91	250.55	253.68	251.72	0.68	ppb
Strontium	88-1	251.89	249.38	250.98	250.75	0.51	ppb
Sulfur	34-1	4803.64	4568.55	4978.98	4783.72	4.31	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	227.21	226.36	229.56	227.71	0.73	ppb
Thallium	205-1	222.36	219.66	225.52	222.51	1.32	ppb
Thorium	232-1	204.64	205.98	207.72	206.11	0.75	ppb
Tin	118-1	245.57	247.51	246.71	246.60	0.40	ppb
Titanium	47-1	1228.19	1222.26	1237.44	1229.30	0.62	ppb
Uranium	238-1	207.84	207.59	208.82	208.09	0.31	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:26:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	251.22	249.99	231.99	244.40	4.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2575.01	2551.62	2410.21	2512.28	3.55	ppb
Zirconium	90-1	246.90	247.73	247.23	247.28	0.17	ppb
Zirconium	91-1	251.48	250.64	251.13	251.08	0.17	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:29:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10551.80	10570.66	10520.90	10547.79	0.24	ppb
Antimony	121-1	502.11	489.52	487.76	493.13	1.59	ppb
Arsenic	75-2	508.76	499.82	505.30	504.62	0.89	ppb
Barium	135-1	2493.02	2412.45	2420.73	2442.07	1.81	ppb
Barium	137-1	2624.46	2550.20	2522.93	2565.86	2.05	ppb
Beryllium	9-1	512.25	513.23	501.23	508.91	1.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	505.74	517.74	501.96	508.48	1.62	ppb
Boron	11-1	501.20	503.54	503.97	502.90	0.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	525.21	511.57	509.78	515.52	1.64	ppb
Cadmium	106-1	524.22	503.49	513.67	513.79	2.02	ppb
Cadmium	108-1	518.31	500.48	516.53	511.77	1.92	ppb
Calcium	43-1	53324.34	53695.10	51407.83	52809.09	2.32	ppb
Calcium	44-1	50691.40	51747.65	49989.47	50809.51	1.74	ppb
Chromium	52-2	506.80	505.73	504.33	505.62	0.25	ppb
Cobalt	59-2	509.43	509.13	509.20	509.25	0.03	ppb
Copper	63-2	5079.97	5086.26	5118.15	5094.79	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				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	27943.90	27910.75	27908.24	27920.96	0.07	ppb
Iron	56-2	27083.35	26820.20	26879.46	26927.67	0.51	ppb
Iron	57-2	27299.62	27219.98	27545.07	27354.89	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2599.36	2574.57	2464.31	2546.08	2.82	ppb
Lead	207-1	2596.18	2603.74	2490.45	2563.46	2.47	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:29:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2585.82	2585.54	2486.57	2552.65	2.24	ppb
Lithium	6-1				96		%
Magnesium	24-2	51551.79	52199.20	52012.15	51921.05	0.64	ppb
Manganese	55-2	5020.99	5024.52	5008.51	5018.01	0.17	ppb
Molybdenum	94-1	2574.97	2526.69	2515.53	2539.07	1.24	ppb
Molybdenum	95-1	2564.55	2516.96	2510.85	2530.79	1.16	ppb
Molybdenum	96-1	2615.23	2543.34	2509.08	2555.88	2.12	ppb
Molybdenum	97-1	2607.60	2574.88	2512.56	2565.01	1.88	ppb
Molybdenum	98-1	2582.65	2551.89	2491.13	2541.89	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.51	509.76	508.56	509.94	0.29	ppb
Phosphorus	31-2	10067.37	10131.24	9936.69	10045.10	0.99	ppb
Potassium	39-2	25752.46	25751.99	25886.93	25797.13	0.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	521.68	513.25	506.81	513.91	1.45	ppb
Selenium	77-2	497.84	497.94	525.77	507.19	3.17	ppb
Selenium	78-2	508.60	506.76	511.30	508.89	0.45	ppb
Silicon	28-1	509.91	533.60	511.08	518.20	2.58	ppb
Silver	109-1	507.32	493.30	496.63	499.08	1.47	ppb
Silver	107-1	511.82	493.94	495.15	500.30	2.00	ppb
Sodium	23-2	52295.29	51688.21	52473.96	52152.49	0.79	ppb
Strontium	86-1	519.96	515.22	497.68	510.95	2.30	ppb
Strontium	88-1	514.96	516.15	500.50	510.54	1.71	ppb
Sulfur	34-1	10249.24	10891.27	9506.83	10215.78	6.78	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	473.76	473.75	456.17	467.89	2.17	ppb
Thallium	205-1	520.75	515.43	499.63	511.94	2.14	ppb
Thorium	232-1	512.25	499.45	495.47	502.39	1.75	ppb
Tin	118-1	496.57	493.60	489.97	493.38	0.67	ppb
Titanium	47-1	2534.33	2557.62	2461.74	2517.90	1.99	ppb
Uranium	238-1	510.74	516.27	500.71	509.24	1.55	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:29:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.26	503.55	504.13	503.98	0.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5122.24	5064.53	5093.95	5093.58	0.57	ppb
Zirconium	90-1	508.70	514.56	495.20	506.15	1.96	ppb
Zirconium	91-1	520.33	509.17	501.83	510.44	1.82	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:33:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20443.20	20708.23	20891.30	20680.91	1.09	ppb
Antimony	121-1	1016.47	1010.98	987.89	1005.11	1.51	ppb
Arsenic	75-2	1000.09	997.05	999.20	998.78	0.16	ppb
Barium	135-1	5089.59	5077.55	4950.76	5039.30	1.53	ppb
Barium	137-1	4986.28	5036.86	4928.41	4983.85	1.09	ppb
Beryllium	9-1	1007.58	1002.96	976.15	995.56	1.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	1014.32	993.29	986.28	997.96	1.46	ppb
Boron	11-1	1012.62	999.11	990.25	1000.66	1.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	995.70	999.69	971.87	989.09	1.52	ppb
Cadmium	106-1	998.75	1009.20	969.30	992.42	2.09	ppb
Cadmium	108-1	999.18	997.96	980.93	992.69	1.03	ppb
Calcium	43-1	105235.78	102854.49	99512.82	102534.36	2.80	ppb
Calcium	44-1	101469.94	99624.25	96399.34	99164.51	2.59	ppb
Chromium	52-2	1003.98	993.78	997.61	998.46	0.52	ppb
Cobalt	59-2	998.70	990.79	997.25	995.58	0.42	ppb
Copper	63-2	9978.67	9972.36	9922.58	9957.87	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	54212.88	53791.36	54340.75	54115.00	0.53	ppb
Iron	56-2	53460.42	53553.54	53099.97	53371.31	0.45	ppb
Iron	57-2	53584.31	53803.69	54306.77	53898.25	0.69	ppb
Krypton	83-1						cps
Lead	206-1	5060.85	5063.66	4865.94	4996.81	2.27	ppb
Lead	207-1	5056.85	5082.47	4948.55	5029.29	1.41	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:33:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5041.41	5034.38	4910.38	4995.39	1.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	101287.57	102447.89	103273.42	102336.29	0.97	ppb
Manganese	55-2	10028.84	9993.06	9996.10	10006.00	0.20	ppb
Molybdenum	94-1	5117.21	5040.05	4805.25	4987.50	3.26	ppb
Molybdenum	95-1	5125.19	5040.60	4810.56	4992.12	3.26	ppb
Molybdenum	96-1	5091.39	5043.75	4793.12	4976.09	3.22	ppb
Molybdenum	97-1	5112.45	5030.27	4769.84	4970.85	3.60	ppb
Molybdenum	98-1	5103.27	5017.33	4824.46	4981.68	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.32	990.03	994.98	994.78	0.47	ppb
Phosphorus	31-2	19730.77	20005.18	20221.98	19985.98	1.23	ppb
Potassium	39-2	50875.77	50691.94	51266.13	50944.61	0.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	1006.73	1007.82	960.77	991.77	2.71	ppb
Selenium	77-2	958.46	1014.60	1015.35	996.14	3.28	ppb
Selenium	78-2	1003.44	986.98	995.19	995.21	0.83	ppb
Silicon	28-1	995.44	989.07	976.41	986.97	0.98	ppb
Silver	109-1	1003.05	1010.49	987.62	1000.39	1.17	ppb
Silver	107-1	995.12	1016.17	985.84	999.04	1.56	ppb
Sodium	23-2	102312.71	102426.67	104064.71	102934.70	0.95	ppb
Strontium	86-1	1006.66	1004.19	970.85	993.90	2.01	ppb
Strontium	88-1	1015.63	1002.01	966.78	994.80	2.53	ppb
Sulfur	34-1	20717.38	20320.08	18946.39	19994.62	4.65	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1041.73	1037.57	990.96	1023.42	2.75	ppb
Thallium	205-1	1016.91	1009.68	982.83	1003.14	1.79	ppb
Thorium	232-1	1022.03	1032.42	985.96	1013.47	2.41	ppb
Tin	118-1	1004.67	1017.97	990.66	1004.43	1.36	ppb
Titanium	47-1	5103.55	5007.27	4879.97	4996.93	2.24	ppb
Uranium	238-1	1017.80	1020.86	989.53	1009.40	1.71	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:33:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	995.22	995.70	1007.61	999.51	0.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9939.14	9933.88	9957.59	9943.54	0.13	ppb
Zirconium	90-1	1017.62	1004.11	971.80	997.84	2.36	ppb
Zirconium	91-1	1014.95	1005.07	963.57	994.53	2.74	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:36:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99355.72	99637.34	100401.85	99798.31	0.54	ppb
Antimony	121-1	0.94	0.88	0.87	0.90	4.14	ppb
Arsenic	75-2	0.49	0.61	0.40	0.50	21.39	ppb
Barium	135-1	8.55	8.84	8.67	8.69	1.70	ppb
Barium	137-1	8.65	8.25	8.67	8.52	2.74	ppb
Beryllium	9-1	0.14	0.14	0.11	0.13	14.46	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	52.01	47.61	53.16	50.93	5.76	ppb
Boron	11-1	53.04	49.98	48.86	50.63	4.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.25	0.26	0.22	0.24	7.50	ppb
Cadmium	106-1	1.75	0.70	1.84	1.43	44.34	ppb
Cadmium	108-1	1.03	0.63	1.14	0.93	28.57	ppb
Calcium	43-1	497005.83	501383.87	499068.23	499152.64	0.44	ppb
Calcium	44-1	500569.32	501522.73	498214.21	500102.09	0.34	ppb
Chromium	52-2	3.53	3.61	3.56	3.57	1.10	ppb
Cobalt	59-2	1.77	1.77	1.74	1.76	0.91	ppb
Copper	63-2	4.41	4.42	4.31	4.38	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	54-2	247419.82	248856.46	250150.43	248808.90	0.55	ppb
Iron	56-2	250044.80	246675.95	250572.01	249097.59	0.85	ppb
Iron	57-2	250344.29	245619.26	250829.63	248931.06	1.16	ppb
Krypton	83-1						cps
Lead	206-1	8.40	8.21	7.75	8.12	4.13	ppb
Lead	207-1	8.53	8.25	7.60	8.13	5.83	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:36:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	8.38	8.21	7.77	8.12	3.88	ppb
Lithium	6-1				92		%
Magnesium	24-2	496077.54	497700.08	504099.68	499292.43	0.85	ppb
Manganese	55-2	8.66	8.43	8.86	8.65	2.45	ppb
Molybdenum	94-1	1.55	1.62	1.45	1.54	5.42	ppb
Molybdenum	95-1	1.51	1.54	1.55	1.54	1.27	ppb
Molybdenum	96-1	2.56	2.52	2.38	2.49	3.67	ppb
Molybdenum	97-1	1.45	1.48	1.37	1.43	4.01	ppb
Molybdenum	98-1	1.46	1.37	1.41	1.42	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	2.84	3.08	2.96	4.13	ppb
Phosphorus	31-2	19.46	10.62	-2.64	9.14	121.64	ppb
Potassium	39-2	247860.54	250722.95	250430.93	249671.47	0.63	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	0.20	0.78	0.81	0.60	57.77	ppb
Selenium	77-2	-0.25	0.14	0.52	0.14	280.74	ppb
Selenium	78-2	-1.02	-0.02	-0.83	-0.63		ppb
Silicon	28-1	136.15	136.57	135.92	136.21	0.24	ppb
Silver	109-1	0.50	0.56	0.55	0.54	6.00	ppb
Silver	107-1	0.52	0.49	0.52	0.51	3.48	ppb
Sodium	23-2	499417.71	495722.43	502317.36	499152.50	0.66	ppb
Strontium	86-1	5.86	5.38	5.46	5.57	4.58	ppb
Strontium	88-1	5.48	5.44	5.29	5.41	1.89	ppb
Sulfur	34-1	-1127.69	-1080.27	-1002.36	-1070.11		ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.11	0.12	0.10	0.11	10.01	ppb
Thallium	205-1	0.09	0.10	0.11	0.10	11.82	ppb
Thorium	232-1	0.26	0.22	0.19	0.22	14.46	ppb
Tin	118-1	0.59	0.49	0.53	0.54	9.54	ppb
Titanium	47-1	0.60	0.63	0.65	0.63	3.67	ppb
Uranium	238-1	0.11	0.12	0.11	0.12	5.75	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:36:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.21	0.18	0.20	0.20	6.99	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	28.78	29.33	29.32	29.14	1.08	ppb
Zirconium	90-1	0.29	0.27	0.29	0.28	5.00	ppb
Zirconium	91-1	0.27	0.30	0.29	0.29	6.50	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:46:38	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	516.62	521.99	493.33	510.64	2.98	ppb
Antimony	121-1	195.53	191.03	192.75	193.11	1.18	ppb
Arsenic	75-2	202.64	199.54	195.05	199.08	1.92	ppb
Barium	135-1	99.45	96.11	99.01	98.19	1.85	ppb
Barium	137-1	98.27	96.40	97.41	97.36	0.97	ppb
Beryllium	9-1	97.00	97.61	95.45	96.69	1.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	604.50	610.22	609.11	607.94	0.50	ppb
Boron	11-1	602.65	609.14	612.96	608.25	0.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.29	103.58	102.30	103.39	0.97	ppb
Cadmium	106-1	206.72	206.45	210.94	208.04	1.21	ppb
Cadmium	108-1	182.56	177.77	180.84	180.39	1.34	ppb
Calcium	43-1	2222.48	2311.68	2273.72	2269.29	1.97	ppb
Calcium	44-1	2182.18	2189.98	2182.23	2184.80	0.21	ppb
Chromium	52-2	98.91	99.21	96.87	98.33	1.30	ppb
Cobalt	59-2	101.75	101.34	99.80	100.96	1.02	ppb
Copper	63-2	102.52	103.10	99.49	101.70	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2194.74	2206.90	2151.63	2184.42	1.33	ppb
Iron	56-2	2097.57	2094.69	2043.50	2078.58	1.46	ppb
Iron	57-2	2115.77	2091.30	2034.17	2080.41	2.01	ppb
Krypton	83-1						cps
Lead	206-1	196.34	194.25	197.02	195.87	0.74	ppb
Lead	207-1	178.43	180.86	179.82	179.70	0.68	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:46:38	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	188.08	187.38	188.75	188.07	0.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	1236.77	1229.99	1214.72	1227.16	0.92	ppb
Manganese	55-2	111.12	111.46	107.26	109.95	2.12	ppb
Molybdenum	94-1	2697.07	2703.15	2647.68	2682.64	1.13	ppb
Molybdenum	95-1	2636.70	2642.01	2588.05	2622.25	1.13	ppb
Molybdenum	96-1	2636.20	2684.65	2606.67	2642.51	1.49	ppb
Molybdenum	97-1	2631.65	2633.10	2576.67	2613.81	1.23	ppb
Molybdenum	98-1	2617.17	2635.76	2581.55	2611.49	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.21	102.82	100.39	101.81	1.24	ppb
Phosphorus	31-2	-1.55	-0.44	-1.49	-1.16		ppb
Potassium	39-2	2078.94	2090.97	2068.20	2079.37	0.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	203.14	202.21	203.36	202.90	0.30	ppb
Selenium	77-2	204.32	214.98	201.26	206.85	3.48	ppb
Selenium	78-2	195.30	200.63	193.64	196.52	1.86	ppb
Silicon	28-1	489.08	507.63	516.76	504.49	2.80	ppb
Silver	109-1	50.40	49.36	49.56	49.77	1.11	ppb
Silver	107-1	50.60	50.36	51.00	50.65	0.64	ppb
Sodium	23-2	2149.15	2136.46	2126.51	2137.37	0.53	ppb
Strontium	86-1	575.26	577.17	567.99	573.47	0.84	ppb
Strontium	88-1	576.81	575.39	568.93	573.71	0.73	ppb
Sulfur	34-1	-705.17	-631.44	-1037.57	-791.39		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	200.20	200.57	202.47	201.08	0.61	ppb
Thallium	205-1	197.25	196.84	199.13	197.74	0.62	ppb
Thorium	232-1	298.54	299.11	300.65	299.43	0.36	ppb
Tin	118-1	564.48	561.66	561.45	562.53	0.30	ppb
Titanium	47-1	2607.08	2611.99	2597.66	2605.58	0.28	ppb
Uranium	238-1	554.82	568.18	563.46	562.15	1.21	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:46:38	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	96.05	96.29	94.54	95.62	0.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	202.46	203.03	196.51	200.67	1.80	ppb
Zirconium	90-1	571.57	574.49	562.60	569.55	1.09	ppb
Zirconium	91-1	570.48	566.26	555.04	563.93	1.41	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:50:47	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.80	21.73	20.46	21.33	3.54	ppb
Antimony	121-1	1.99	1.90	1.91	1.93	2.55	ppb
Arsenic	75-2	1.05	0.92	0.95	0.97	6.91	ppb
Barium	135-1	9.12	9.40	9.43	9.32	1.82	ppb
Barium	137-1	9.55	9.35	9.14	9.34	2.18	ppb
Beryllium	9-1	0.90	1.11	0.99	1.00	10.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	47.20	47.49	44.28	46.32	3.83	ppb
Boron	11-1	45.98	46.15	44.30	45.48	2.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.13	1.20	1.20	1.18	3.82	ppb
Cadmium	106-1	1.78	0.34	1.45	1.19	63.28	ppb
Cadmium	108-1	1.24	1.55	0.99	1.26	22.21	ppb
Calcium	43-1	482.25	503.57	477.57	487.80	2.84	ppb
Calcium	44-1	498.68	512.22	486.41	499.10	2.59	ppb
Chromium	52-2	1.97	2.05	1.93	1.99	2.92	ppb
Cobalt	59-2	1.02	0.98	0.99	1.00	2.02	ppb
Copper	63-2	2.42	2.30	2.35	2.36	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	58.12	59.32	58.47	58.63	1.05	ppb
Iron	56-2	55.95	55.39	54.96	55.43	0.90	ppb
Iron	57-2	55.13	57.27	53.98	55.46	3.01	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.03	1.00	1.01	1.86	ppb
Lead	207-1	0.96	1.02	0.89	0.96	6.62	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:50:47	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.98	1.00	0.95	0.98	2.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	519.75	527.04	508.20	518.33	1.83	ppb
Manganese	55-2	1.04	1.02	1.05	1.04	1.41	ppb
Molybdenum	94-1	4.71	5.08	4.95	4.91	3.75	ppb
Molybdenum	95-1	4.95	4.98	4.92	4.95	0.51	ppb
Molybdenum	96-1	5.03	4.97	4.91	4.97	1.23	ppb
Molybdenum	97-1	4.83	5.14	4.93	4.97	3.19	ppb
Molybdenum	98-1	5.03	4.97	5.00	5.00	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.13	1.03	1.07	4.77	ppb
Phosphorus	31-2	-11.20	3.21	5.66	-0.78		ppb
Potassium	39-2	538.13	531.64	524.55	531.44	1.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.53	5.06	3.64	4.75	20.77	ppb
Selenium	77-2	4.63	2.76	4.23	3.87	25.38	ppb
Selenium	78-2	4.04	4.49	4.52	4.35	6.22	ppb
Silicon	28-1	23.23	25.34	21.08	23.22	9.19	ppb
Silver	109-1	1.00	1.01	0.93	0.98	4.57	ppb
Silver	107-1	1.00	0.96	0.97	0.98	1.85	ppb
Sodium	23-2	557.81	554.85	550.05	554.24	0.71	ppb
Strontium	86-1	0.92	0.93	0.97	0.94	2.47	ppb
Strontium	88-1	0.93	0.99	1.00	0.97	3.69	ppb
Sulfur	34-1	-990.98	-471.69	-1099.82	-854.17		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.93	0.89	0.90	3.21	ppb
Thallium	205-1	0.83	0.89	0.88	0.87	3.68	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	16.67	ppb
Tin	118-1	4.88	4.86	4.75	4.83	1.45	ppb
Titanium	47-1	4.97	4.52	4.50	4.66	5.69	ppb
Uranium	238-1	0.80	0.78	0.79	0.79	1.24	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:50:47	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.89	4.94	4.71	4.85	2.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	3.17	3.37	3.07	3.20	4.75	ppb
Zirconium	90-1	0.97	0.98	0.96	0.97	0.76	ppb
Zirconium	91-1	0.96	1.04	1.04	1.01	4.97	ppb

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:01:44 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.72	-0.26	-0.41		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.68	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	14.67	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	8.70	9.22	10.26	9.40	8.48	ppb
Boron	11-1	9.94	9.98	10.37	10.10	2.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.02	0.01	0.02	20.10	ppb
Cadmium	106-1	1.46	0.76	-1.50	0.24	646.21	ppb
Cadmium	108-1	-0.03	-0.11	0.00	-0.05		ppb
Calcium	43-1	0.63	-0.61	-0.75	-0.24		ppb
Calcium	44-1	-1.45	-1.54	-0.33	-1.10		ppb
Chromium	52-2	-0.03	0.01	0.03	0.00	1676.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.07	0.03	0.04	56.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	0.63	0.97	1.05	0.89	25.21	ppb
Iron	56-2	-0.11	0.04	-0.11	-0.06		ppb
Iron	57-2	0.06	0.76	1.86	0.89	101.66	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.07	0.06	21.96	ppb
Lead	207-1	0.08	0.09	0.05	0.07	23.40	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:01:44	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.06	0.06	0.06	0.06	5.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.49	-0.09	0.82	0.41	113.00	ppb
Manganese	55-2	0.00	0.02	-0.01	0.00	417.50	ppb
Molybdenum	94-1	0.04	-0.01	0.02	0.02	128.66	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	41.33	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	34.88	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	247.04	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	0.00		ppb
Phosphorus	31-2	-0.48	0.67	-7.81	-2.54		ppb
Potassium	39-2	16.63	9.32	2.62	9.52	73.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.14	-0.65	-0.61	-0.37		ppb
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	-0.44	-0.28	-0.29	-0.33		ppb
Silicon	28-1	5.37	6.28	13.56	8.40	53.43	ppb
Silver	109-1	0.01	0.02	0.01	0.01	49.12	ppb
Silver	107-1	0.01	0.03	0.01	0.02	81.14	ppb
Sodium	23-2	11.12	9.14	6.45	8.90	26.34	ppb
Strontium	86-1	0.01	-0.11	0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-181.16	-267.08	86.37	-120.62		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	62.40	ppb
Tin	118-1	0.04	0.02	0.04	0.04	28.79	ppb
Titanium	47-1	0.04	0.09	0.05	0.06	48.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	168.86	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:01:44	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.12	0.04	0.11	0.09	49.18	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.00	0.00	209.54	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:05:16	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95037.56	93852.28	93924.68	94271.50	0.70	ppb
Antimony	121-1	1.05	1.09	1.12	1.08	3.38	ppb
Arsenic	75-2	0.24	0.32	0.35	0.30	19.36	ppb
Barium	135-1	1.51	1.39	1.23	1.38	9.95	ppb
Barium	137-1	1.29	1.36	1.33	1.33	2.53	ppb
Beryllium	9-1	0.32	0.27	0.29	0.29	8.34	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	8.66	8.96	7.96	8.53	6.06	ppb
Boron	11-1	9.92	9.52	9.02	9.48	4.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.49	0.39	0.38	0.42	14.50	ppb
Cadmium	106-1	-1.43	0.64	-2.10	-0.96		ppb
Cadmium	108-1	15.39	15.89	15.79	15.69	1.69	ppb
Calcium	43-1	96625.44	97738.75	95295.02	96553.07	1.27	ppb
Calcium	44-1	94767.68	95512.86	93156.66	94479.07	1.27	ppb
Chromium	52-2	19.42	18.94	18.75	19.04	1.81	ppb
Cobalt	59-2	1.20	1.15	1.13	1.16	2.97	ppb
Copper	63-2	8.42	8.56	8.27	8.42	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	102975.78	101471.89	100023.24	101490.31	1.45	ppb
Iron	56-2	103411.93	102525.30	101237.79	102391.67	1.07	ppb
Iron	57-2	102581.49	101188.85	100370.89	101380.41	1.10	ppb
Krypton	83-1						cps
Lead	206-1	3.91	3.88	3.83	3.88	1.04	ppb
Lead	207-1	3.35	3.31	3.30	3.32	0.70	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:05:16	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	3.60	3.52	3.52	3.54	1.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	96279.93	95071.92	94630.22	95327.35	0.90	ppb
Manganese	55-2	7.02	7.34	6.90	7.09	3.22	ppb
Molybdenum	94-1	1269.57	1302.68	1282.14	1284.80	1.30	ppb
Molybdenum	95-1	1855.36	1890.59	1882.34	1876.10	0.98	ppb
Molybdenum	96-1	1808.01	1828.35	1830.09	1822.15	0.67	ppb
Molybdenum	97-1	1821.64	1870.80	1852.45	1848.29	1.34	ppb
Molybdenum	98-1	1829.53	1915.65	1865.40	1870.19	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	5.16	5.20	5.22	1.19	ppb
Phosphorus	31-2	95341.29	94226.82	93850.06	94472.72	0.82	ppb
Potassium	39-2	98696.68	97876.47	96563.66	97712.27	1.10	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.83	-0.24	0.02	0.20	276.27	ppb
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.11	-1.08	-0.45	-0.47		ppb
Silicon	28-1	18.61	19.91	19.01	19.18	3.46	ppb
Silver	109-1	0.24	0.23	0.23	0.23	2.80	ppb
Silver	107-1	0.23	0.22	0.24	0.23	3.24	ppb
Sodium	23-2	99270.19	99284.82	99005.33	99186.78	0.16	ppb
Strontium	86-1	33.45	33.84	33.51	33.60	0.62	ppb
Strontium	88-1	32.39	32.68	32.48	32.51	0.47	ppb
Sulfur	34-1	105019.33	104567.06	100562.38	103382.92	2.37	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.02	0.02	16.18	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	9.56	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	91.66	ppb
Tin	118-1	0.16	0.17	0.16	0.17	4.60	ppb
Titanium	47-1	1869.18	1922.63	1884.53	1892.11	1.45	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.30	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:05:16	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.18	0.17	0.18	2.66	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	11.60	11.31	10.75	11.22	3.83	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	31.02	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	5.34	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:08:44	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94870.15	95549.34	92442.23	94287.24	1.73	ppb
Antimony	121-1	20.02	20.20	19.72	19.98	1.21	ppb
Arsenic	75-2	19.98	20.01	19.44	19.81	1.62	ppb
Barium	135-1	19.55	21.26	19.97	20.26	4.39	ppb
Barium	137-1	20.44	19.90	19.87	20.07	1.61	ppb
Beryllium	9-1	19.17	19.51	19.84	19.51	1.71	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	103.02	101.79	103.20	102.67	0.75	ppb
Boron	11-1	104.88	101.04	106.76	104.22	2.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.73	19.91	19.81	19.81	0.45	ppb
Cadmium	106-1	34.43	34.11	34.59	34.38	0.71	ppb
Cadmium	108-1	42.58	43.66	43.32	43.19	1.27	ppb
Calcium	43-1	97951.15	96905.63	95501.36	96786.05	1.27	ppb
Calcium	44-1	95258.81	93801.40	92780.72	93946.97	1.33	ppb
Chromium	52-2	38.58	38.58	37.48	38.21	1.67	ppb
Cobalt	59-2	20.99	20.98	20.41	20.79	1.60	ppb
Copper	63-2	27.71	27.74	27.21	27.55	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	101746.80	101264.93	98818.91	100610.21	1.56	ppb
Iron	56-2	102422.37	101837.16	99621.71	101293.75	1.46	ppb
Iron	57-2	101803.07	101974.47	99490.48	101089.34	1.37	ppb
Krypton	83-1						cps
Lead	206-1	25.50	25.32	25.34	25.38	0.38	ppb
Lead	207-1	23.27	23.54	23.38	23.40	0.58	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:08:44	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	24.11	24.24	24.16	24.17	0.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	95082.93	95100.98	92789.04	94324.31	1.41	ppb
Manganese	55-2	26.01	26.46	25.72	26.06	1.42	ppb
Molybdenum	94-1	1497.50	1495.29	1472.16	1488.32	0.94	ppb
Molybdenum	95-1	1983.91	1964.53	1933.00	1960.48	1.31	ppb
Molybdenum	96-1	1936.64	1904.80	1902.50	1914.65	1.00	ppb
Molybdenum	97-1	1970.42	1938.61	1921.17	1943.40	1.28	ppb
Molybdenum	98-1	2025.23	1946.70	1940.77	1970.90	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.13	24.45	23.79	24.13	1.37	ppb
Phosphorus	31-2	94375.05	94068.73	91865.96	93436.58	1.46	ppb
Potassium	39-2	97276.43	97684.08	96681.37	97213.96	0.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	19.21	19.59	19.88	19.56	1.72	ppb
Selenium	77-2	15.95	20.57	16.31	17.61	14.59	ppb
Selenium	78-2	17.64	18.17	18.11	17.97	1.60	ppb
Silicon	28-1	93.03	94.53	90.43	92.66	2.24	ppb
Silver	109-1	18.35	18.33	18.18	18.29	0.52	ppb
Silver	107-1	19.07	18.39	18.46	18.64	1.99	ppb
Sodium	23-2	100019.92	99945.53	97848.48	99271.31	1.24	ppb
Strontium	86-1	130.80	129.25	127.03	129.02	1.47	ppb
Strontium	88-1	127.43	125.95	123.34	125.57	1.65	ppb
Sulfur	34-1	104640.56	104955.71	104065.44	104553.90	0.43	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	18.65	18.48	18.83	18.65	0.95	ppb
Thallium	205-1	17.81	18.19	18.06	18.02	1.06	ppb
Thorium	232-1	0.75	0.80	0.75	0.77	3.35	ppb
Tin	118-1	90.34	91.70	90.09	90.71	0.96	ppb
Titanium	47-1	2014.47	1999.02	1962.33	1991.94	1.34	ppb
Uranium	238-1	80.02	81.39	80.83	80.75	0.85	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:08:44	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.09	19.26	19.00	19.12	0.70	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	31.45	30.91	30.73	31.03	1.20	ppb
Zirconium	90-1	95.03	93.91	94.33	94.42	0.60	ppb
Zirconium	91-1	97.29	95.66	95.91	96.28	0.91	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:12:11	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64293.02	63976.57	63161.64	63810.41	0.91	ppb
Antimony	121-1	566.11	481.37	465.52	504.33	10.72	ppb
Arsenic	75-2	474.06	477.34	478.42	476.61	0.48	ppb
Barium	135-1	2815.38	2397.84	2330.14	2514.45	10.45	ppb
Barium	137-1	2976.39	2539.71	2439.87	2651.99	10.76	ppb
Beryllium	9-1	573.20	502.61	488.51	521.44	8.70	ppb
Bismuth	209-1				81		%
Bismuth	209-2				87		%
Boron	10-1	565.44	494.98	491.29	517.24	8.08	ppb
Boron	11-1	573.83	502.64	497.68	524.72	8.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	587.82	505.98	486.87	526.89	10.18	ppb
Cadmium	106-1	588.66	510.51	490.10	529.76	9.82	ppb
Cadmium	108-1	586.89	492.49	483.57	520.99	10.99	ppb
Calcium	43-1	319122.05	260283.85	253064.83	277490.24	13.06	ppb
Calcium	44-1	313006.04	263539.09	251196.09	275913.74	11.86	ppb
Chromium	52-2	477.04	474.32	479.86	477.07	0.58	ppb
Cobalt	59-2	463.70	465.48	468.00	465.73	0.46	ppb
Copper	63-2	4772.10	4729.89	4795.24	4765.74	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				90		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				93		%
Iron	54-2	138463.87	136009.12	139539.77	138004.25	1.31	ppb
Iron	56-2	137589.44	138073.76	140164.09	138609.10	0.99	ppb
Iron	57-2	137682.37	137956.40	136495.24	137378.00	0.57	ppb
Krypton	83-1						cps
Lead	206-1	3068.64	2564.35	2451.59	2694.86	12.19	ppb
Lead	207-1	3086.13	2573.27	2481.36	2713.59	12.01	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:12:11	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	3073.13	2580.23	2479.14	2710.83	11.72	ppb
Lithium	6-1				88		%
Magnesium	24-2	265813.54	261643.66	257984.50	261813.90	1.50	ppb
Manganese	55-2	4720.56	4730.84	4795.73	4749.04	0.86	ppb
Molybdenum	94-1	3077.82	2510.83	2467.65	2685.43	12.68	ppb
Molybdenum	95-1	3046.72	2482.28	2469.64	2666.21	12.36	ppb
Molybdenum	96-1	3057.41	2498.05	2459.21	2671.56	12.53	ppb
Molybdenum	97-1	3026.80	2507.31	2434.26	2656.12	12.16	ppb
Molybdenum	98-1	3016.78	2492.01	2432.98	2647.26	12.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.61	463.23	463.00	462.28	0.31	ppb
Phosphorus	31-2	9687.14	9847.54	9537.30	9690.66	1.60	ppb
Potassium	39-2	140119.61	138842.31	141267.62	140076.51	0.87	ppb
Rhodium	103-1				85		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				99		%
Selenium	82-1	605.35	493.17	490.00	529.51	12.41	ppb
Selenium	77-2	482.65	493.84	503.87	493.45	2.15	ppb
Selenium	78-2	496.67	484.37	479.26	486.77	1.84	ppb
Silicon	28-1	770.37	657.08	649.94	692.46	9.76	ppb
Silver	109-1	601.36	511.13	492.56	535.02	10.88	ppb
Silver	107-1	609.47	515.85	501.99	542.43	10.78	ppb
Sodium	23-2	261143.98	261017.86	261434.55	261198.80	0.08	ppb
Strontium	86-1	613.60	500.05	493.44	535.70	12.61	ppb
Strontium	88-1	619.09	502.81	487.20	536.37	13.44	ppb
Sulfur	34-1	15023.35	10225.01	9638.87	11629.08	25.40	ppb
Terbium	159-1				91		%
Terbium	159-2				96		%
Thallium	203-1	562.39	475.47	454.77	497.54	11.48	ppb
Thallium	205-1	610.83	525.06	502.86	546.25	10.44	ppb
Thorium	232-1	629.47	521.98	498.45	549.97	12.70	ppb
Tin	118-1	567.93	480.79	464.35	504.36	11.04	ppb
Titanium	47-1	3018.05	2452.64	2386.44	2619.04	13.25	ppb
Uranium	238-1	644.03	530.37	501.07	558.49	13.52	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:12:11	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	481.91	479.30	480.57	480.59	0.27	ppb
Yttrium	89-1				91		%
Yttrium	89-2				97		%
Zinc	66-2	4985.42	4958.00	4996.70	4980.04	0.40	ppb
Zirconium	90-1	616.82	503.13	491.42	537.12	12.90	ppb
Zirconium	91-1	619.22	503.01	490.73	537.65	13.19	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:19:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.36	0.14	0.24	46.81	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.03	ppb
Arsenic	75-2	0.03	0.00	0.01	0.01	145.99	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	339.09	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	39.12	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	10.70	11.91	11.19	11.26	5.41	ppb
Boron	11-1	12.36	12.23	12.01	12.20	1.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.02	0.01	0.01	50.26	ppb
Cadmium	106-1	-1.00	-1.09	0.59	-0.50		ppb
Cadmium	108-1	-0.03	-0.11	0.03	-0.04		ppb
Calcium	43-1	4.33	-1.90	1.61	1.35	231.76	ppb
Calcium	44-1	0.82	1.36	2.59	1.59	57.15	ppb
Chromium	52-2	0.05	0.03	0.04	0.04	24.17	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	2582.00	ppb
Copper	63-2	0.12	0.10	0.12	0.11	6.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	0.23	2.73	0.48	1.14	120.09	ppb
Iron	56-2	0.68	0.85	0.72	0.75	12.06	ppb
Iron	57-2	1.25	0.80	0.73	0.93	30.95	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.30	0.33	0.34	13.37	ppb
Lead	207-1	0.34	0.39	0.29	0.34	13.39	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:19:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.35	0.33	0.31	0.33	6.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.77	2.22	1.62	1.87	16.67	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	10.72	ppb
Molybdenum	94-1	0.09	0.05	0.06	0.07	26.81	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	19.75	ppb
Molybdenum	96-1	0.05	0.07	0.04	0.05	28.91	ppb
Molybdenum	97-1	0.02	0.06	0.06	0.05	53.34	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	22.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	96.90	ppb
Phosphorus	31-2	-2.52	0.82	3.30	0.53	548.22	ppb
Potassium	39-2	37.77	30.51	35.85	34.71	10.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.49	-0.16	-0.44	-0.36		ppb
Selenium	77-2	0.13	-0.25	-0.25	-0.12		ppb
Selenium	78-2	-0.36	-0.63	-0.58	-0.52		ppb
Silicon	28-1	8.99	10.84	11.98	10.60	14.21	ppb
Silver	109-1	0.01	0.02	0.02	0.02	25.56	ppb
Silver	107-1	0.02	0.01	0.01	0.01	42.46	ppb
Sodium	23-2	29.25	25.57	24.33	26.38	9.68	ppb
Strontium	86-1	-0.03	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-411.98	35.66	-0.86	-125.73		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.01	0.02	54.11	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	41.69	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	39.67	ppb
Tin	118-1	0.06	0.07	0.07	0.07	10.22	ppb
Titanium	47-1	0.02	-0.01	0.04	0.02	172.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	45.62	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:19:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	97.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.09	0.19	0.26	0.18	46.40	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	176.74	ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	159.09	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:22:58	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.63	19.97	17.76	19.12	6.22	ppb
Antimony	121-1	1.76	1.85	1.92	1.84	4.22	ppb
Arsenic	75-2	0.98	0.89	0.96	0.94	5.06	ppb
Barium	135-1	8.66	8.68	8.71	8.68	0.33	ppb
Barium	137-1	8.79	8.56	8.81	8.72	1.61	ppb
Beryllium	9-1	0.88	0.87	0.93	0.89	3.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	31.30	27.23	28.97	29.17	7.00	ppb
Boron	11-1	30.17	30.66	30.76	30.53	1.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.08	1.12	1.09	2.10	ppb
Cadmium	106-1	1.72	1.97	2.17	1.95	11.65	ppb
Cadmium	108-1	1.04	0.89	1.11	1.02	11.19	ppb
Calcium	43-1	458.03	462.84	463.81	461.56	0.67	ppb
Calcium	44-1	467.91	452.32	464.91	461.71	1.79	ppb
Chromium	52-2	1.85	1.70	1.81	1.79	4.18	ppb
Cobalt	59-2	0.90	0.98	0.93	0.94	4.55	ppb
Copper	63-2	2.10	2.01	2.01	2.04	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	50.99	55.24	55.81	54.01	4.87	ppb
Iron	56-2	51.05	49.98	48.97	50.00	2.07	ppb
Iron	57-2	51.50	45.90	50.29	49.23	5.98	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.03	0.96	0.98	4.01	ppb
Lead	207-1	0.97	0.94	0.92	0.94	2.33	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:22:58	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.95	0.95	0.92	0.94	1.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	490.17	484.89	477.41	484.16	1.32	ppb
Manganese	55-2	0.91	0.94	0.92	0.92	1.58	ppb
Molybdenum	94-1	4.44	4.48	4.41	4.44	0.81	ppb
Molybdenum	95-1	4.61	4.60	4.26	4.49	4.44	ppb
Molybdenum	96-1	4.35	4.48	4.53	4.45	2.13	ppb
Molybdenum	97-1	4.39	4.52	4.59	4.50	2.18	ppb
Molybdenum	98-1	4.39	4.44	4.44	4.43	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.88	0.98	0.95	6.34	ppb
Phosphorus	31-2	-4.90	-0.31	2.35	-0.95		ppb
Potassium	39-2	506.09	486.86	504.11	499.02	2.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.24	3.91	4.25	4.13	4.60	ppb
Selenium	77-2	7.70	7.36	3.93	6.33	33.00	ppb
Selenium	78-2	5.42	4.16	4.88	4.82	13.15	ppb
Silicon	28-1	18.24	15.99	15.95	16.73	7.83	ppb
Silver	109-1	0.91	0.91	0.87	0.89	2.45	ppb
Silver	107-1	0.85	0.93	0.91	0.90	4.64	ppb
Sodium	23-2	524.58	512.60	515.63	517.60	1.20	ppb
Strontium	86-1	0.81	0.82	0.82	0.81	0.86	ppb
Strontium	88-1	0.86	0.87	0.86	0.87	0.47	ppb
Sulfur	34-1	117.69	-114.33	-243.94	-80.19		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.82	0.84	0.80	0.82	2.48	ppb
Thallium	205-1	0.82	0.79	0.83	0.81	2.48	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.60	4.42	4.49	4.51	1.99	ppb
Titanium	47-1	4.68	4.38	4.41	4.49	3.75	ppb
Uranium	238-1	0.70	0.69	0.71	0.70	1.49	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:22:58	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.47	4.47	4.48	4.47	0.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2.29	2.20	2.10	2.20	4.26	ppb
Zirconium	90-1	0.92	0.89	0.90	0.90	1.45	ppb
Zirconium	91-1	1.00	0.86	1.02	0.96	9.15	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BL	Instrumnet Name :	P7
Client Sample ID :	PB132751BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:26:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-0.43	0.54	0.12	407.87	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	16.24	ppb
Arsenic	75-2	-0.01	0.01	-0.01	-0.01		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	28.77	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	8.43	7.70	6.84	7.66	10.36	ppb
Boron	11-1	8.11	8.14	7.22	7.82	6.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.02	0.03	0.02	22.02	ppb
Cadmium	106-1	0.83	-0.99	0.21	0.02	5582.98	ppb
Cadmium	108-1	-0.08	-0.03	-0.11	-0.07		ppb
Calcium	43-1	1.38	-0.05	0.13	0.49	160.58	ppb
Calcium	44-1	-0.56	-0.47	-0.09	-0.38		ppb
Chromium	52-2	-0.02	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.00	-0.04	0.01	-0.01		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				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	0.58	-0.47	1.91	0.67	176.97	ppb
Iron	56-2	-0.33	-0.52	-0.53	-0.46		ppb
Iron	57-2	-0.75	1.74	-0.10	0.29	440.12	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.13	0.14	0.14	12.24	ppb
Lead	207-1	0.14	0.15	0.16	0.15	6.53	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BL	Instrumnet Name :	P7
Client Sample ID :	PB132751BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:26:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.16	0.14	0.14	0.15	8.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.37	-0.34	-0.70	-0.47		ppb
Manganese	55-2	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	-0.01	0.00	0.00	551.68	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	220.34	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	180.71	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-2.08	-6.86	-4.58	-4.51		ppb
Potassium	39-2	17.06	11.52	18.38	15.65	23.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.24	-0.52	0.27	0.00		ppb
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.06	-0.95	-0.21	-0.37		ppb
Silicon	28-1	7.91	8.70	7.16	7.93	9.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.97	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.71	ppb
Sodium	23-2	17.49	18.75	15.62	17.29	9.12	ppb
Strontium	86-1	-0.06	-0.03	0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-448.27	-252.99	-468.87	-390.04		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.01	23.70	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.50	ppb
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.01	0.01	0.01	73.90	ppb
Titanium	47-1	0.00	0.06	0.10	0.05	97.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BL	Instrumnet Name :	P7
Client Sample ID :	PB132751BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:26:29	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.06	-0.02	0.08	0.00		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	159.68	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BS	Instrumnet Name :	P7
Client Sample ID :	PB132751BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:30:01	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10346.24	10198.98	10081.57	10208.93	1.30	ppb
Antimony	121-1	488.76	491.31	485.74	488.60	0.57	ppb
Arsenic	75-2	498.53	496.69	492.56	495.93	0.62	ppb
Barium	135-1	2396.09	2397.56	2397.86	2397.17	0.04	ppb
Barium	137-1	2506.72	2510.82	2532.57	2516.70	0.55	ppb
Beryllium	9-1	494.79	490.19	488.73	491.24	0.64	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	480.43	477.31	492.32	483.35	1.64	ppb
Boron	11-1	481.14	491.96	492.54	488.55	1.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	509.87	510.06	506.41	508.78	0.40	ppb
Cadmium	106-1	514.46	514.29	517.27	515.34	0.32	ppb
Cadmium	108-1	503.81	514.09	506.42	508.11	1.05	ppb
Calcium	43-1	51058.19	49641.90	49974.08	50224.72	1.47	ppb
Calcium	44-1	49278.57	48421.57	48630.89	48777.01	0.92	ppb
Chromium	52-2	491.81	489.32	487.95	489.69	0.40	ppb
Cobalt	59-2	493.43	490.50	485.76	489.90	0.79	ppb
Copper	63-2	5014.77	4977.18	4914.83	4968.93	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	27190.59	27160.24	26830.85	27060.56	0.74	ppb
Iron	56-2	26710.61	26391.25	26360.33	26487.40	0.73	ppb
Iron	57-2	26600.55	26337.22	26203.48	26380.42	0.77	ppb
Krypton	83-1						cps
Lead	206-1	2540.36	2532.35	2501.46	2524.72	0.81	ppb
Lead	207-1	2575.49	2541.29	2516.57	2544.45	1.16	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BS	Instrumnet Name :	P7
Client Sample ID :	PB132751BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:30:01	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2546.24	2545.31	2507.71	2533.09	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	51333.39	51350.99	50213.86	50966.08	1.28	ppb
Manganese	55-2	4968.53	4930.89	4840.17	4913.20	1.34	ppb
Molybdenum	94-1	2447.47	2406.64	2438.48	2430.86	0.88	ppb
Molybdenum	95-1	2446.37	2432.91	2450.47	2443.25	0.38	ppb
Molybdenum	96-1	2459.89	2433.48	2458.01	2450.46	0.60	ppb
Molybdenum	97-1	2437.71	2464.89	2448.05	2450.22	0.56	ppb
Molybdenum	98-1	2458.17	2442.00	2467.20	2455.79	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.04	489.64	486.18	490.29	0.91	ppb
Phosphorus	31-2	9794.74	10043.99	9693.44	9844.06	1.83	ppb
Potassium	39-2	25762.30	25664.24	25162.30	25529.61	1.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	494.50	492.44	493.39	493.45	0.21	ppb
Selenium	77-2	483.47	486.70	488.84	486.33	0.56	ppb
Selenium	78-2	497.75	501.18	495.59	498.17	0.57	ppb
Silicon	28-1	525.19	531.12	546.45	534.26	2.05	ppb
Silver	109-1	491.29	498.80	487.32	492.47	1.18	ppb
Silver	107-1	498.18	496.96	497.22	497.45	0.13	ppb
Sodium	23-2	51481.52	51817.68	51139.98	51479.73	0.66	ppb
Strontium	86-1	490.65	480.71	488.26	486.54	1.07	ppb
Strontium	88-1	493.22	488.33	492.95	491.50	0.56	ppb
Sulfur	34-1	9865.62	8938.00	9319.62	9374.41	4.97	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	458.50	461.43	452.63	457.52	0.98	ppb
Thallium	205-1	511.97	509.89	503.28	508.38	0.89	ppb
Thorium	232-1	488.21	493.07	492.53	491.27	0.54	ppb
Tin	118-1	487.73	490.10	490.41	489.41	0.30	ppb
Titanium	47-1	2418.72	2381.86	2418.51	2406.36	0.88	ppb
Uranium	238-1	489.47	493.92	483.99	489.13	1.02	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BS	Instrumnet Name :	P7
Client Sample ID :	PB132751BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:30:01	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	495.36	491.00	487.20	491.18	0.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4950.88	4922.53	4850.35	4907.92	1.06	ppb
Zirconium	90-1	493.14	486.47	495.28	491.63	0.93	ppb
Zirconium	91-1	487.85	481.55	486.63	485.34	0.69	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-01	Instrumnet Name :	P7
Client Sample ID :	PW-1	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:33:20	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.78	55.38	55.90	57.02	4.22	ppb
Antimony	121-1	0.32	0.31	0.29	0.31	6.19	ppb
Arsenic	75-2	0.19	0.14	0.18	0.17	15.11	ppb
Barium	135-1	28.54	29.50	29.04	29.03	1.64	ppb
Barium	137-1	28.99	29.40	28.69	29.03	1.22	ppb
Beryllium	9-1	0.07	0.06	0.04	0.05	25.91	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	50.66	50.10	48.22	49.66	2.56	ppb
Boron	11-1	52.20	51.25	49.10	50.85	3.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.05	0.03	0.04	19.22	ppb
Cadmium	106-1	1.91	-1.17	0.22	0.32	480.91	ppb
Cadmium	108-1	-0.01	0.07	0.02	0.03	147.95	ppb
Calcium	43-1	18315.48	17850.20	17674.95	17946.87	1.84	ppb
Calcium	44-1	17850.05	17404.73	17200.51	17485.10	1.90	ppb
Chromium	52-2	55.68	55.12	55.10	55.30	0.60	ppb
Cobalt	59-2	1.16	1.19	1.10	1.15	3.91	ppb
Copper	63-2	3.27	3.24	3.28	3.27	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	333.21	334.07	327.56	331.61	1.07	ppb
Iron	56-2	283.31	283.26	281.25	282.61	0.42	ppb
Iron	57-2	314.45	319.09	310.48	314.67	1.37	ppb
Krypton	83-1						cps
Lead	206-1	1.57	1.43	1.49	1.50	4.70	ppb
Lead	207-1	1.41	1.38	1.31	1.37	3.81	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-01	Instrumnet Name :	P7
Client Sample ID :	PW-1	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:33:20	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.50	1.43	1.40	1.44	3.60	ppb
Lithium	6-1				103		%
Magnesium	24-2	6154.45	6147.14	6127.77	6143.12	0.22	ppb
Manganese	55-2	8.26	8.09	8.05	8.13	1.37	ppb
Molybdenum	94-1	0.94	0.91	0.86	0.91	4.43	ppb
Molybdenum	95-1	1.26	1.20	1.12	1.19	5.79	ppb
Molybdenum	96-1	1.25	1.18	1.14	1.19	4.76	ppb
Molybdenum	97-1	1.20	1.22	1.21	1.21	0.87	ppb
Molybdenum	98-1	1.25	1.21	1.11	1.19	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.69	31.64	31.81	31.71	0.28	ppb
Phosphorus	31-2	101.06	104.42	115.23	106.90	6.93	ppb
Potassium	39-2	2147.41	2147.89	2159.73	2151.68	0.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.88	-0.81	0.60	0.23	401.62	ppb
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	-0.23	-0.31	-0.51	-0.35		ppb
Silicon	28-1	1444.32	1394.53	1342.39	1393.75	3.66	ppb
Silver	109-1	0.04	0.04	0.05	0.04	14.10	ppb
Silver	107-1	0.05	0.04	0.06	0.05	13.63	ppb
Sodium	23-2	26975.90	26822.38	27066.61	26954.96	0.46	ppb
Strontium	86-1	90.31	86.90	84.75	87.32	3.21	ppb
Strontium	88-1	87.66	85.42	84.13	85.74	2.08	ppb
Sulfur	34-1	3912.24	3410.68	3216.87	3513.26	10.21	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	21.50	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	13.85	ppb
Thorium	232-1	0.04	0.05	0.04	0.04	10.19	ppb
Tin	118-1	0.47	0.44	0.39	0.44	9.17	ppb
Titanium	47-1	0.54	0.51	0.53	0.53	3.04	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.45	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-01	Instrumnet Name :	P7
Client Sample ID :	PW-1	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:33:20	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.34	0.31	0.34	7.33	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	353.57	354.79	356.31	354.89	0.39	ppb
Zirconium	90-1	0.03	0.04	0.03	0.04	23.80	ppb
Zirconium	91-1	0.03	0.06	0.00	0.03	112.24	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02	Instrumnet Name :	P7
Client Sample ID :	PW-2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:36:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.77	29.20	26.86	27.95	4.21	ppb
Antimony	121-1	0.20	0.17	0.20	0.19	7.42	ppb
Arsenic	75-2	0.20	0.20	0.13	0.18	22.03	ppb
Barium	135-1	33.13	33.44	32.16	32.91	2.03	ppb
Barium	137-1	32.25	32.49	32.14	32.30	0.55	ppb
Beryllium	9-1	0.05	0.04	0.04	0.05	10.43	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	43.24	41.91	44.52	43.22	3.02	ppb
Boron	11-1	44.09	44.88	44.04	44.33	1.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.03	0.03	0.03	14.25	ppb
Cadmium	106-1	0.30	0.94	1.44	0.89	64.22	ppb
Cadmium	108-1	0.15	0.15	-0.01	0.10	93.64	ppb
Calcium	43-1	20889.70	20597.46	20669.76	20718.97	0.73	ppb
Calcium	44-1	20280.09	20025.19	20288.95	20198.08	0.74	ppb
Chromium	52-2	0.26	0.25	0.28	0.26	4.99	ppb
Cobalt	59-2	0.03	0.04	0.05	0.04	21.64	ppb
Copper	63-2	3.16	3.21	3.09	3.16	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	58.04	60.40	60.24	59.56	2.21	ppb
Iron	56-2	61.63	61.61	60.37	61.20	1.18	ppb
Iron	57-2	102.96	102.78	96.16	100.64	3.85	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.66	0.66	0.68	4.53	ppb
Lead	207-1	0.66	0.63	0.63	0.64	2.62	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02	Instrumnet Name :	P7
Client Sample ID :	PW-2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:36:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.66	0.66	0.64	0.65	1.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	7211.16	7164.68	7111.83	7162.55	0.69	ppb
Manganese	55-2	2.67	2.59	2.66	2.64	1.76	ppb
Molybdenum	94-1	0.48	0.43	0.57	0.49	14.51	ppb
Molybdenum	95-1	0.59	0.58	0.62	0.60	3.08	ppb
Molybdenum	96-1	0.60	0.64	0.53	0.59	8.77	ppb
Molybdenum	97-1	0.57	0.56	0.59	0.58	2.31	ppb
Molybdenum	98-1	0.59	0.62	0.60	0.60	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.47	1.39	1.41	3.69	ppb
Phosphorus	31-2	275.63	287.50	265.35	276.16	4.01	ppb
Potassium	39-2	2389.11	2360.26	2371.13	2373.50	0.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.04	0.71	-0.25	0.17	293.53	ppb
Selenium	77-2	-0.25	-0.25	0.47	-0.01		ppb
Selenium	78-2	0.36	-0.30	0.46	0.17	239.62	ppb
Silicon	28-1	1833.06	1784.42	1829.15	1815.54	1.49	ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.19	ppb
Silver	107-1	0.03	0.02	0.02	0.02	22.80	ppb
Sodium	23-2	29434.75	29317.00	28863.82	29205.19	1.03	ppb
Strontium	86-1	97.16	97.30	98.72	97.72	0.88	ppb
Strontium	88-1	94.24	95.31	94.62	94.72	0.57	ppb
Sulfur	34-1	4429.78	3926.89	4106.64	4154.44	6.13	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.02	0.02	11.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.78	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	13.68	ppb
Tin	118-1	0.17	0.17	0.14	0.16	12.76	ppb
Titanium	47-1	1.29	1.05	1.09	1.14	11.18	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	7.50	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02	Instrumnet Name :	P7
Client Sample ID :	PW-2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:36:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.19	0.17	0.18	6.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	720.44	709.60	708.79	712.94	0.91	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	9.94	ppb
Zirconium	91-1	0.06	0.06	0.05	0.06	7.96	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUP	Instrumnet Name :	P7
Client Sample ID :	PW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:40:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.24	27.48	29.09	27.27	7.10	ppb
Antimony	121-1	0.17	0.15	0.18	0.16	10.92	ppb
Arsenic	75-2	0.14	0.14	0.13	0.13	7.25	ppb
Barium	135-1	32.95	31.28	33.02	32.41	3.04	ppb
Barium	137-1	32.06	32.58	33.28	32.64	1.88	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	0.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	38.62	41.03	43.02	40.89	5.39	ppb
Boron	11-1	41.44	41.49	42.26	41.73	1.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	0.00	0.01	38.81	ppb
Cadmium	106-1	-0.41	0.00	0.43	0.00	8487.51	ppb
Cadmium	108-1	0.12	0.20	0.31	0.21	45.96	ppb
Calcium	43-1	20908.59	20471.11	20948.80	20776.17	1.28	ppb
Calcium	44-1	20641.65	20046.80	20320.66	20336.37	1.46	ppb
Chromium	52-2	0.32	0.33	0.31	0.32	2.87	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	6.13	ppb
Copper	63-2	3.23	3.06	3.16	3.15	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	59.58	58.80	60.81	59.73	1.69	ppb
Iron	56-2	60.82	59.51	60.54	60.29	1.14	ppb
Iron	57-2	95.80	102.95	93.45	97.40	5.08	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.51	0.49	0.49	3.71	ppb
Lead	207-1	0.48	0.46	0.47	0.47	2.94	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUP	Instrumnet Name :	P7
Client Sample ID :	PW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:40:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.46	0.46	0.47	0.47	0.99	ppb
Lithium	6-1				104		%
Magnesium	24-2	7259.95	7148.25	7161.18	7189.79	0.85	ppb
Manganese	55-2	2.45	2.49	2.35	2.43	3.08	ppb
Molybdenum	94-1	0.48	0.44	0.42	0.45	6.59	ppb
Molybdenum	95-1	0.54	0.51	0.56	0.54	5.13	ppb
Molybdenum	96-1	0.53	0.54	0.54	0.54	1.14	ppb
Molybdenum	97-1	0.59	0.47	0.54	0.53	11.90	ppb
Molybdenum	98-1	0.56	0.58	0.50	0.54	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.43	1.46	1.43	1.44	1.14	ppb
Phosphorus	31-2	290.31	290.60	257.95	279.62	6.71	ppb
Potassium	39-2	2377.14	2343.53	2380.44	2367.04	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.16	-0.02	0.15	0.10	102.73	ppb
Selenium	77-2	-0.25	0.12	-0.25	-0.13		ppb
Selenium	78-2	-0.98	-1.29	-0.21	-0.83		ppb
Silicon	28-1	1861.51	1791.45	1829.20	1827.39	1.92	ppb
Silver	109-1	0.01	0.02	0.01	0.01	45.07	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.69	ppb
Sodium	23-2	29542.21	28962.29	29300.13	29268.21	1.00	ppb
Strontium	86-1	100.35	96.70	98.00	98.35	1.88	ppb
Strontium	88-1	95.69	94.60	96.35	95.55	0.93	ppb
Sulfur	34-1	5022.06	4523.84	4932.63	4826.18	5.50	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.02	0.01	39.12	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	52.40	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.88	ppb
Tin	118-1	0.08	0.08	0.09	0.08	8.49	ppb
Titanium	47-1	1.02	0.90	1.01	0.98	6.72	ppb
Uranium	238-1	0.05	0.04	0.05	0.04	2.65	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUP	Instrumnet Name :	P7
Client Sample ID :	PW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:40:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.19	0.19	0.19	2.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	721.75	707.72	718.24	715.90	1.02	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	16.07	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	26.41	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LX5	Instrumnet Name :	P7
Client Sample ID :	PW-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 14:43:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	5.70	4.83	5.42	9.47	ppb
Antimony	121-1	0.06	0.05	0.06	0.05	15.28	ppb
Arsenic	75-2	0.04	0.04	0.04	0.04	0.82	ppb
Barium	135-1	6.36	6.41	6.48	6.42	0.93	ppb
Barium	137-1	6.43	6.16	6.47	6.36	2.61	ppb
Beryllium	9-1	0.02	0.04	0.02	0.03	25.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	14.19	13.81	13.04	13.68	4.30	ppb
Boron	11-1	14.96	14.75	14.29	14.67	2.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.03	0.02	0.02	30.17	ppb
Cadmium	106-1	-0.49	1.55	2.70	1.25	128.96	ppb
Cadmium	108-1	0.00	-0.06	0.02	-0.01		ppb
Calcium	43-1	4043.35	4159.65	4205.24	4136.08	2.02	ppb
Calcium	44-1	4145.82	4144.42	4242.85	4177.70	1.35	ppb
Chromium	52-2	0.05	0.04	0.04	0.04	6.78	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	25.65	ppb
Copper	63-2	0.66	0.62	0.64	0.64	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	11.14	10.41	9.99	10.51	5.56	ppb
Iron	56-2	11.18	11.70	11.45	11.44	2.25	ppb
Iron	57-2	16.96	19.36	18.68	18.33	6.77	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.21	0.22	7.50	ppb
Lead	207-1	0.20	0.22	0.22	0.21	5.51	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LX5	Instrumnet Name :	P7
Client Sample ID :	PW-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 14:43:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.21	0.22	0.20	0.21	3.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	1422.18	1421.84	1392.03	1412.02	1.23	ppb
Manganese	55-2	0.57	0.51	0.52	0.53	5.43	ppb
Molybdenum	94-1	0.08	0.08	0.06	0.07	14.20	ppb
Molybdenum	95-1	0.08	0.11	0.11	0.10	14.44	ppb
Molybdenum	96-1	0.10	0.12	0.10	0.11	10.04	ppb
Molybdenum	97-1	0.10	0.12	0.10	0.11	10.25	ppb
Molybdenum	98-1	0.12	0.12	0.09	0.11	13.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.27	0.31	0.30	11.41	ppb
Phosphorus	31-2	60.22	66.88	51.95	59.68	12.53	ppb
Potassium	39-2	487.12	473.10	461.72	473.98	2.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.70	-0.03	-0.40	0.09	621.73	ppb
Selenium	77-2	-0.25	-0.25	0.12	-0.12		ppb
Selenium	78-2	0.49	-0.41	-0.22	-0.05		ppb
Silicon	28-1	363.40	367.26	370.95	367.20	1.03	ppb
Silver	109-1	0.01	0.01	0.01	0.01	46.99	ppb
Silver	107-1	0.00	0.01	0.01	0.01	35.49	ppb
Sodium	23-2	5970.14	5973.56	5901.64	5948.45	0.68	ppb
Strontium	86-1	19.21	19.05	18.96	19.07	0.68	ppb
Strontium	88-1	18.88	18.90	18.80	18.86	0.27	ppb
Sulfur	34-1	699.13	984.99	1160.20	948.11	24.55	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.00	0.01	32.34	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	47.64	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.05	0.04	0.05	35.08	ppb
Titanium	47-1	0.22	0.26	0.29	0.26	12.98	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	31.75	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LX5	Instrumnet Name :	P7
Client Sample ID :	PW-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 14:43:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.03	0.03	0.04	15.58	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	140.54	141.38	139.15	140.35	0.80	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	424.20	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	386.19	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:57:35	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64491.37	64781.55	64085.00	64452.64	0.54	ppb
Antimony	121-1	457.09	461.96	458.35	459.13	0.55	ppb
Arsenic	75-2	477.03	476.82	474.70	476.18	0.27	ppb
Barium	135-1	2267.04	2298.38	2281.85	2282.42	0.69	ppb
Barium	137-1	2398.48	2454.37	2432.75	2428.53	1.16	ppb
Beryllium	9-1	478.64	481.63	470.27	476.85	1.23	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	518.88	520.64	516.07	518.53	0.45	ppb
Boron	11-1	511.20	520.22	522.70	518.04	1.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	475.03	489.45	478.79	481.09	1.56	ppb
Cadmium	106-1	466.63	488.69	475.47	476.93	2.33	ppb
Cadmium	108-1	480.10	481.46	472.84	478.13	0.97	ppb
Calcium	43-1	247903.15	243602.78	245248.34	245584.76	0.88	ppb
Calcium	44-1	249049.72	247032.13	247951.40	248011.09	0.41	ppb
Chromium	52-2	476.97	471.87	476.30	475.05	0.58	ppb
Cobalt	59-2	470.11	464.77	466.65	467.18	0.58	ppb
Copper	63-2	4835.76	4808.76	4848.48	4831.00	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				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	139217.95	139130.40	139618.93	139322.43	0.19	ppb
Iron	56-2	138615.22	140208.38	139760.00	139527.87	0.59	ppb
Iron	57-2	141472.23	138214.00	139390.86	139692.37	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2519.57	2578.87	2554.22	2550.89	1.17	ppb
Lead	207-1	2554.19	2577.16	2560.31	2563.89	0.46	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:57:35	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2512.66	2555.34	2531.30	2533.10	0.84	ppb
Lithium	6-1				96		%
Magnesium	24-2	264324.87	267093.77	261735.58	264384.74	1.01	ppb
Manganese	55-2	4793.47	4770.85	4748.04	4770.79	0.48	ppb
Molybdenum	94-1	2405.34	2387.80	2374.95	2389.36	0.64	ppb
Molybdenum	95-1	2403.63	2358.61	2362.38	2374.87	1.05	ppb
Molybdenum	96-1	2398.62	2391.80	2392.84	2394.42	0.15	ppb
Molybdenum	97-1	2398.72	2405.88	2442.59	2415.73	0.97	ppb
Molybdenum	98-1	2416.97	2403.63	2404.91	2408.51	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.09	459.51	466.53	464.05	0.85	ppb
Phosphorus	31-2	9562.40	9444.92	9658.57	9555.30	1.12	ppb
Potassium	39-2	139607.84	139812.89	140359.80	139926.84	0.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	476.14	473.68	472.32	474.05	0.41	ppb
Selenium	77-2	459.16	481.56	506.57	482.43	4.92	ppb
Selenium	78-2	487.38	487.39	490.94	488.57	0.42	ppb
Silicon	28-1	620.16	613.12	627.78	620.35	1.18	ppb
Silver	109-1	484.56	492.49	486.01	487.69	0.87	ppb
Silver	107-1	489.29	501.46	495.22	495.32	1.23	ppb
Sodium	23-2	269204.93	265194.98	263664.20	266021.37	1.08	ppb
Strontium	86-1	483.33	480.97	476.80	480.36	0.69	ppb
Strontium	88-1	491.64	489.66	487.56	489.62	0.42	ppb
Sulfur	34-1	9197.70	8704.58	9015.98	8972.75	2.78	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	451.74	450.91	454.95	452.53	0.47	ppb
Thallium	205-1	502.84	506.87	502.36	504.03	0.49	ppb
Thorium	232-1	500.89	495.56	494.39	496.95	0.70	ppb
Tin	118-1	461.30	464.89	461.46	462.55	0.44	ppb
Titanium	47-1	2329.27	2291.83	2304.91	2308.67	0.82	ppb
Uranium	238-1	500.55	514.53	503.52	506.20	1.45	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:57:35	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	478.10	476.20	480.24	478.18	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	5018.68	4959.81	4994.59	4991.03	0.59	ppb
Zirconium	90-1	480.24	486.83	477.37	481.48	1.01	ppb
Zirconium	91-1	474.77	471.79	475.78	474.11	0.44	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:03:26	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.05	4.87	5.19	5.03	3.23	ppb
Antimony	121-1	0.16	0.16	0.15	0.16	4.34	ppb
Arsenic	75-2	0.05	0.06	0.12	0.08	53.73	ppb
Barium	135-1	0.18	0.15	0.15	0.16	8.52	ppb
Barium	137-1	0.17	0.18	0.20	0.18	8.26	ppb
Beryllium	9-1	0.10	0.15	0.09	0.11	27.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	31.82	29.66	27.90	29.79	6.60	ppb
Boron	11-1	30.55	30.16	30.38	30.36	0.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.10	0.08	0.09	18.53	ppb
Cadmium	106-1	0.90	2.00	0.03	0.98	100.68	ppb
Cadmium	108-1	-0.11	0.00	-0.03	-0.05		ppb
Calcium	43-1	11.08	15.37	15.65	14.03	18.23	ppb
Calcium	44-1	13.03	16.09	15.62	14.91	11.06	ppb
Chromium	52-2	0.08	0.12	0.06	0.09	38.41	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	5.04	ppb
Copper	63-2	0.48	0.49	0.45	0.47	4.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	8.43	10.97	9.45	9.62	13.27	ppb
Iron	56-2	10.75	10.47	10.02	10.41	3.57	ppb
Iron	57-2	9.36	11.19	10.79	10.45	9.22	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.56	0.51	0.51	10.83	ppb
Lead	207-1	0.46	0.52	0.50	0.50	6.13	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:03:26	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.44	0.52	0.52	0.50	9.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	21.70	21.45	21.79	21.65	0.80	ppb
Manganese	55-2	0.40	0.37	0.31	0.36	12.03	ppb
Molybdenum	94-1	0.21	0.34	0.29	0.28	22.79	ppb
Molybdenum	95-1	0.28	0.24	0.25	0.25	8.93	ppb
Molybdenum	96-1	0.27	0.29	0.28	0.28	3.54	ppb
Molybdenum	97-1	0.24	0.29	0.25	0.26	10.16	ppb
Molybdenum	98-1	0.24	0.30	0.25	0.26	11.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.07	0.04	55.11	ppb
Phosphorus	31-2	-3.30	-10.99	0.39	-4.63		ppb
Potassium	39-2	47.76	41.33	46.91	45.34	7.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	-0.79	-0.08	0.02	-0.28		ppb
Selenium	77-2	-0.25	0.14	0.14	0.01	2168.20	ppb
Selenium	78-2	-0.61	0.64	-0.17	-0.05		ppb
Silicon	28-1	16.43	20.46	20.55	19.15	12.29	ppb
Silver	109-1	0.08	0.09	0.11	0.09	15.44	ppb
Silver	107-1	0.06	0.08	0.12	0.09	31.45	ppb
Sodium	23-2	60.03	60.52	58.36	59.64	1.90	ppb
Strontium	86-1	-0.07	0.04	0.04	0.00	6183.61	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	0.46	ppb
Sulfur	34-1	-698.20	-259.22	-132.20	-363.20		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.07	0.06	0.06	22.08	ppb
Thallium	205-1	0.04	0.04	0.06	0.05	24.89	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	11.02	ppb
Tin	118-1	0.15	0.14	0.13	0.14	8.16	ppb
Titanium	47-1	0.15	0.25	0.21	0.21	23.85	ppb
Uranium	238-1	0.02	0.03	0.04	0.03	22.63	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:03:26	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.05	0.03	0.05	0.04	23.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	0.60	0.69	0.65	0.65	6.70	ppb
Zirconium	90-1	0.05	0.04	0.07	0.05	26.41	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	15.47	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-01	Instrumnet Name :	P7
Client Sample ID :	10262020-3-HC-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:22:22	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.46	33.25	34.73	34.48	3.26	ppb
Antimony	121-1	0.11	0.11	0.10	0.11	5.01	ppb
Arsenic	75-2	0.12	0.09	0.08	0.10	22.62	ppb
Barium	135-1	44.45	44.60	44.69	44.58	0.27	ppb
Barium	137-1	44.73	43.35	44.12	44.07	1.57	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	16.40	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	29.65	30.34	29.84	29.94	1.20	ppb
Boron	11-1	30.54	30.46	30.86	30.62	0.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.11	0.13	0.12	5.79	ppb
Cadmium	106-1	-0.37	0.02	-0.27	-0.21		ppb
Cadmium	108-1	0.30	0.57	0.75	0.54	41.70	ppb
Calcium	43-1	81733.29	81728.99	81388.61	81616.96	0.24	ppb
Calcium	44-1	79893.10	79095.20	79685.46	79557.92	0.52	ppb
Chromium	52-2	0.44	0.45	0.37	0.42	10.02	ppb
Cobalt	59-2	0.32	0.36	0.35	0.34	5.67	ppb
Copper	63-2	850.49	845.79	842.08	846.12	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	39.96	40.69	38.65	39.77	2.60	ppb
Iron	56-2	38.30	39.20	38.48	38.66	1.23	ppb
Iron	57-2	192.56	197.85	195.77	195.39	1.37	ppb
Krypton	83-1						cps
Lead	206-1	24.89	24.77	24.65	24.77	0.49	ppb
Lead	207-1	21.10	21.03	20.99	21.04	0.27	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-01	Instrumnet Name :	P7
Client Sample ID :	10262020-3-HC-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:22:22	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	22.72	22.58	22.64	22.65	0.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	13480.90	13411.71	13367.24	13419.95	0.43	ppb
Manganese	55-2	2.43	2.32	2.38	2.37	2.15	ppb
Molybdenum	94-1	0.76	0.68	0.70	0.72	6.02	ppb
Molybdenum	95-1	0.12	0.15	0.13	0.13	10.04	ppb
Molybdenum	96-1	0.22	0.21	0.19	0.21	6.56	ppb
Molybdenum	97-1	0.12	0.15	0.18	0.15	18.97	ppb
Molybdenum	98-1	0.21	0.24	0.20	0.22	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3412.04	3385.48	3371.73	3389.75	0.60	ppb
Phosphorus	31-2	-6.58	6.55	10.22	3.40	259.79	ppb
Potassium	39-2	1886.13	1869.92	1863.30	1873.11	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.84	0.10	0.34	0.43	87.73	ppb
Selenium	77-2	0.13	0.49	2.00	0.87	113.67	ppb
Selenium	78-2	0.51	0.59	0.22	0.44	44.41	ppb
Silicon	28-1	2900.72	2935.72	2951.75	2929.40	0.89	ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.23	ppb
Silver	107-1	0.09	0.11	0.11	0.10	11.09	ppb
Sodium	23-2	94416.43	93312.02	94811.64	94180.03	0.83	ppb
Strontium	86-1	292.37	291.11	290.44	291.31	0.34	ppb
Strontium	88-1	297.17	294.45	295.53	295.72	0.46	ppb
Sulfur	34-1	6589.76	7045.19	7080.05	6905.00	3.96	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.50	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.77	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.20	0.18	0.21	0.19	8.19	ppb
Titanium	47-1	0.43	0.40	0.37	0.40	7.02	ppb
Uranium	238-1	0.18	0.18	0.17	0.18	4.43	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-01	Instrumnet Name :	P7
Client Sample ID :	10262020-3-HC-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:22:22	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.06	0.07	0.07	0.06	10.53	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1575.35	1582.16	1562.21	1573.24	0.64	ppb
Zirconium	90-1	0.36	0.37	0.36	0.36	1.11	ppb
Zirconium	91-1	0.31	0.38	0.38	0.36	11.89	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-02	Instrumnet Name :	P7
Client Sample ID :	10262020-4-WOMAN-BA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:25:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.53	42.82	43.88	43.74	1.98	ppb
Antimony	121-1	0.16	0.15	0.15	0.15	4.17	ppb
Arsenic	75-2	0.15	0.13	0.11	0.13	14.34	ppb
Barium	135-1	41.98	40.67	41.79	41.48	1.71	ppb
Barium	137-1	40.80	40.36	40.29	40.48	0.69	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	40.62	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	25.66	26.62	26.17	26.15	1.83	ppb
Boron	11-1	27.63	28.32	28.63	28.19	1.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.22	0.21	0.22	0.21	2.45	ppb
Cadmium	106-1	0.80	0.58	2.37	1.25	77.96	ppb
Cadmium	108-1	0.58	0.52	0.65	0.58	10.40	ppb
Calcium	43-1	81633.75	82811.29	83161.00	82535.35	0.97	ppb
Calcium	44-1	79886.00	80935.79	81746.96	80856.25	1.15	ppb
Chromium	52-2	0.52	0.52	0.55	0.53	3.08	ppb
Cobalt	59-2	0.34	0.36	0.33	0.34	4.86	ppb
Copper	63-2	968.45	955.18	960.33	961.32	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				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	40.17	41.63	37.44	39.75	5.36	ppb
Iron	56-2	39.93	39.35	40.25	39.84	1.14	ppb
Iron	57-2	195.39	191.41	194.79	193.86	1.11	ppb
Krypton	83-1						cps
Lead	206-1	7.40	7.52	7.57	7.50	1.10	ppb
Lead	207-1	6.49	6.58	6.86	6.65	2.91	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-02	Instrumnet Name :	P7
Client Sample ID :	10262020-4-WOMAN-BA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:25:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	6.87	7.00	7.08	6.98	1.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	13627.79	13442.46	13463.39	13511.21	0.75	ppb
Manganese	55-2	5.25	5.15	5.28	5.23	1.35	ppb
Molybdenum	94-1	1.06	1.05	1.13	1.08	3.98	ppb
Molybdenum	95-1	0.11	0.12	0.14	0.13	13.10	ppb
Molybdenum	96-1	0.25	0.29	0.21	0.25	15.30	ppb
Molybdenum	97-1	0.13	0.13	0.12	0.13	1.92	ppb
Molybdenum	98-1	0.12	0.12	0.14	0.12	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.02	11.80	11.48	11.76	2.32	ppb
Phosphorus	31-2	-0.65	-0.86	1.67	0.06	2551.07	ppb
Potassium	39-2	1844.55	1848.16	1864.05	1852.25	0.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	1.09	0.49	1.18	0.92	40.60	ppb
Selenium	77-2	1.61	0.12	1.59	1.11	77.10	ppb
Selenium	78-2	0.18	-0.58	0.67	0.09	688.33	ppb
Silicon	28-1	2871.46	2954.65	2980.79	2935.63	1.94	ppb
Silver	109-1	0.05	0.07	0.07	0.06	18.55	ppb
Silver	107-1	0.07	0.06	0.05	0.06	16.65	ppb
Sodium	23-2	94916.25	92845.70	94866.61	94209.52	1.25	ppb
Strontium	86-1	283.94	281.10	287.50	284.18	1.13	ppb
Strontium	88-1	288.78	285.92	293.55	289.42	1.33	ppb
Sulfur	34-1	7077.92	7699.43	7774.53	7517.29	5.09	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.02	0.01	27.96	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.29	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.28	0.21	0.26	0.25	13.98	ppb
Titanium	47-1	0.45	0.41	0.36	0.40	11.18	ppb
Uranium	238-1	0.15	0.17	0.16	0.16	7.48	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-02	Instrumnet Name :	P7
Client Sample ID :	10262020-4-WOMAN-BA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:25:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.08	0.08	0.08	0.08	4.27	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	163.68	160.24	162.10	162.01	1.07	ppb
Zirconium	90-1	0.69	0.65	0.66	0.67	3.47	ppb
Zirconium	91-1	0.69	0.65	0.70	0.68	3.43	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-03	Instrumnet Name :	P7
Client Sample ID :	10262020-5-MEN-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:29:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.59	30.67	30.75	31.00	1.65	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	3.58	ppb
Arsenic	75-2	0.12	0.12	0.09	0.11	16.54	ppb
Barium	135-1	40.60	42.08	41.24	41.31	1.80	ppb
Barium	137-1	41.14	41.19	40.88	41.07	0.41	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	6.62	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	29.01	29.05	29.16	29.07	0.27	ppb
Boron	11-1	27.73	26.71	27.45	27.30	1.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.25	0.24	0.28	0.26	6.34	ppb
Cadmium	106-1	0.84	-0.05	2.59	1.13	119.17	ppb
Cadmium	108-1	0.73	0.49	0.72	0.65	21.28	ppb
Calcium	43-1	81868.09	81408.39	82408.41	81894.97	0.61	ppb
Calcium	44-1	80652.16	80114.88	80265.93	80344.32	0.34	ppb
Chromium	52-2	0.39	0.38	0.42	0.40	5.45	ppb
Cobalt	59-2	0.29	0.28	0.28	0.28	2.82	ppb
Copper	63-2	1854.67	1856.54	1820.17	1843.79	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	52.46	46.45	47.85	48.92	6.44	ppb
Iron	56-2	50.53	50.91	49.50	50.32	1.45	ppb
Iron	57-2	207.48	207.20	205.62	206.77	0.49	ppb
Krypton	83-1						cps
Lead	206-1	8.36	8.21	8.26	8.28	0.92	ppb
Lead	207-1	7.23	7.21	7.13	7.19	0.80	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-03	Instrumnet Name :	P7
Client Sample ID :	10262020-5-MEN-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:29:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	7.74	7.62	7.59	7.65	1.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	13416.67	13340.97	13105.34	13287.66	1.22	ppb
Manganese	55-2	3.67	3.49	3.37	3.51	4.32	ppb
Molybdenum	94-1	0.91	0.78	0.79	0.83	8.58	ppb
Molybdenum	95-1	0.11	0.12	0.10	0.11	9.45	ppb
Molybdenum	96-1	0.20	0.21	0.20	0.20	1.83	ppb
Molybdenum	97-1	0.07	0.11	0.13	0.10	27.91	ppb
Molybdenum	98-1	0.10	0.11	0.12	0.11	9.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.17	61.37	60.00	61.18	1.79	ppb
Phosphorus	31-2	12.86	-2.75	5.71	5.27	148.19	ppb
Potassium	39-2	1843.16	1842.73	1833.27	1839.72	0.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.66	1.38	0.43	0.82	60.34	ppb
Selenium	77-2	0.87	-0.25	-0.25	0.12	516.79	ppb
Selenium	78-2	0.54	-0.50	0.49	0.18	331.80	ppb
Silicon	28-1	2937.76	2948.58	2993.69	2960.01	1.00	ppb
Silver	109-1	0.08	0.11	0.10	0.10	16.41	ppb
Silver	107-1	0.09	0.09	0.10	0.10	6.55	ppb
Sodium	23-2	92665.86	92794.09	92147.27	92535.74	0.37	ppb
Strontium	86-1	282.38	285.97	288.87	285.74	1.14	ppb
Strontium	88-1	289.64	286.34	288.05	288.01	0.57	ppb
Sulfur	34-1	7384.95	7456.94	7985.23	7609.04	4.31	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.00	0.01	105.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	29.96	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.26	0.24	0.22	0.24	7.85	ppb
Titanium	47-1	0.42	0.50	0.39	0.44	12.44	ppb
Uranium	238-1	0.17	0.18	0.16	0.17	5.50	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-03	Instrumnet Name :	P7
Client Sample ID :	10262020-5-MEN-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:29:18	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.07	0.06	0.10	0.08	24.10	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	418.96	415.15	408.75	414.29	1.25	ppb
Zirconium	90-1	0.47	0.47	0.50	0.48	4.22	ppb
Zirconium	91-1	0.50	0.59	0.51	0.53	9.69	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:47:48	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65236.34	65320.62	64699.39	65085.45	0.52	ppb
Antimony	121-1	456.06	458.02	454.83	456.30	0.35	ppb
Arsenic	75-2	483.70	477.88	480.75	480.78	0.61	ppb
Barium	135-1	2285.70	2276.69	2260.29	2274.23	0.57	ppb
Barium	137-1	2412.92	2407.77	2402.05	2407.58	0.23	ppb
Beryllium	9-1	476.47	479.34	483.46	479.76	0.73	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	474.67	483.85	477.14	478.55	0.99	ppb
Boron	11-1	475.71	476.21	486.04	479.32	1.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	470.02	469.62	477.37	472.34	0.92	ppb
Cadmium	106-1	468.07	461.49	472.80	467.45	1.22	ppb
Cadmium	108-1	471.28	461.47	470.37	467.71	1.16	ppb
Calcium	43-1	246162.53	249398.78	252382.06	249314.45	1.25	ppb
Calcium	44-1	248628.52	249282.11	252360.44	250090.36	0.80	ppb
Chromium	52-2	480.40	476.31	471.65	476.12	0.92	ppb
Cobalt	59-2	472.14	468.56	467.26	469.32	0.54	ppb
Copper	63-2	4861.39	4847.82	4755.59	4821.60	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	54-2	140964.49	140562.30	139280.37	140269.05	0.63	ppb
Iron	56-2	141386.73	140054.65	140011.75	140484.38	0.56	ppb
Iron	57-2	140754.03	140694.42	140118.04	140522.17	0.25	ppb
Krypton	83-1						cps
Lead	206-1	2565.19	2591.10	2604.83	2587.04	0.78	ppb
Lead	207-1	2522.11	2548.41	2573.26	2547.93	1.00	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:47:48	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2537.41	2568.84	2570.67	2558.97	0.73	ppb
Lithium	6-1				93		%
Magnesium	24-2	266161.72	272617.17	268731.87	269170.25	1.21	ppb
Manganese	55-2	4852.09	4820.10	4798.79	4823.66	0.56	ppb
Molybdenum	94-1	2400.42	2406.45	2428.73	2411.87	0.62	ppb
Molybdenum	95-1	2420.50	2438.09	2434.30	2430.96	0.38	ppb
Molybdenum	96-1	2423.82	2407.27	2429.90	2420.33	0.48	ppb
Molybdenum	97-1	2432.63	2405.10	2422.74	2420.16	0.58	ppb
Molybdenum	98-1	2410.79	2405.50	2451.17	2422.49	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.63	464.30	460.99	464.64	0.82	ppb
Phosphorus	31-2	9509.01	9646.00	9678.40	9611.14	0.94	ppb
Potassium	39-2	140892.57	141417.58	139608.13	140639.43	0.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	473.65	476.49	488.19	479.44	1.61	ppb
Selenium	77-2	514.93	484.16	480.88	493.33	3.81	ppb
Selenium	78-2	483.44	486.35	483.54	484.44	0.34	ppb
Silicon	28-1	542.30	571.91	584.52	566.24	3.83	ppb
Silver	109-1	476.05	476.49	484.41	478.99	0.98	ppb
Silver	107-1	487.35	483.38	489.43	486.72	0.63	ppb
Sodium	23-2	268677.07	267428.72	265841.04	267315.61	0.53	ppb
Strontium	86-1	486.11	478.84	488.75	484.57	1.06	ppb
Strontium	88-1	495.73	488.44	497.72	493.96	0.99	ppb
Sulfur	34-1	9909.18	10345.01	10416.05	10223.42	2.68	ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	454.64	455.98	462.64	457.75	0.94	ppb
Thallium	205-1	512.36	529.96	530.24	524.19	1.95	ppb
Thorium	232-1	497.09	502.80	491.32	497.07	1.15	ppb
Tin	118-1	455.32	452.39	455.99	454.57	0.42	ppb
Titanium	47-1	2297.63	2329.22	2346.97	2324.61	1.08	ppb
Uranium	238-1	499.41	504.63	505.21	503.08	0.64	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:47:48	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	482.56	482.75	474.94	480.08	0.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	5038.04	5002.29	4987.13	5009.16	0.52	ppb
Zirconium	90-1	483.68	479.57	486.00	483.08	0.67	ppb
Zirconium	91-1	477.45	477.72	486.27	480.48	1.04	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:57:46	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.32	5.15	5.32	4.93	10.81	ppb
Antimony	121-1	0.07	0.05	0.04	0.05	31.36	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	0.02	0.00	0.01	0.01	106.04	ppb
Barium	137-1	0.02	0.00	0.01	0.01	66.28	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	44.68	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	4.91	5.12	5.03	5.02	2.13	ppb
Boron	11-1	5.69	5.89	5.96	5.85	2.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.02	0.01	0.01	44.99	ppb
Cadmium	106-1	-0.29	0.49	0.66	0.29	177.98	ppb
Cadmium	108-1	-0.08	-0.03	0.02	-0.03		ppb
Calcium	43-1	1.82	5.64	4.26	3.91	49.58	ppb
Calcium	44-1	1.09	-1.02	2.74	0.94	200.71	ppb
Chromium	52-2	-0.02	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	21.31	ppb
Copper	63-2	0.07	0.09	0.07	0.08	10.95	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				93		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	3.15	0.76	0.62	1.51	94.07	ppb
Iron	56-2	0.29	0.42	0.48	0.40	24.19	ppb
Iron	57-2	1.22	1.90	1.28	1.47	25.68	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.17	0.18	0.19	8.00	ppb
Lead	207-1	0.19	0.17	0.21	0.19	8.40	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:57:46	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.18	0.17	0.20	0.18	8.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.32	0.87	1.87	1.35	37.08	ppb
Manganese	55-2	0.02	0.04	0.05	0.04	40.49	ppb
Molybdenum	94-1	0.07	0.01	0.04	0.04	63.92	ppb
Molybdenum	95-1	0.00	0.02	0.02	0.01	123.31	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	48.07	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	149.49	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.03	27.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-3.59	-3.71	-0.95	-2.75		ppb
Potassium	39-2	21.65	16.64	6.96	15.08	49.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	-0.86	-1.00	-0.44	-0.77		ppb
Selenium	77-2	-0.25	0.52	-0.25	0.01	5378.35	ppb
Selenium	78-2	-0.88	-1.16	-0.68	-0.91		ppb
Silicon	28-1	9.71	9.18	11.36	10.09	11.29	ppb
Silver	109-1	0.02	0.03	0.04	0.03	33.13	ppb
Silver	107-1	0.02	0.02	0.03	0.02	22.44	ppb
Sodium	23-2	32.03	28.82	27.03	29.30	8.64	ppb
Strontium	86-1	0.02	0.06	-0.06	0.01	854.92	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.75	ppb
Sulfur	34-1	-2.02	-3.26	377.04	123.92	176.90	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.00	0.00	56.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	30.13	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.01	0.01	0.01	54.45	ppb
Titanium	47-1	-0.03	0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	96.45	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:57:46	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	910.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	0.12	0.12	0.23	0.16	39.23	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	82.06	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	86.02	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MS	Instrumnet Name :	P7
Client Sample ID :	PW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:07:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2022.66	2025.30	1995.68	2014.55	0.81	ppb
Antimony	121-1	792.49	774.49	721.59	762.86	4.83	ppb
Arsenic	75-2	762.92	763.86	757.52	761.43	0.45	ppb
Barium	135-1	219.45	215.11	217.46	217.34	1.00	ppb
Barium	137-1	216.75	211.26	214.29	214.10	1.28	ppb
Beryllium	9-1	182.69	181.64	178.63	180.99	1.16	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	306.23	306.36	300.36	304.32	1.13	ppb
Boron	11-1	306.02	307.62	303.88	305.84	0.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	196.09	191.26	192.43	193.26	1.30	ppb
Cadmium	106-1	153.14	148.92	140.82	147.63	4.24	ppb
Cadmium	108-1	165.49	164.32	161.96	163.92	1.10	ppb
Calcium	43-1	22123.16	21847.58	21456.46	21809.07	1.54	ppb
Calcium	44-1	21341.38	21378.54	21083.38	21267.77	0.76	ppb
Chromium	52-2	380.86	381.26	379.59	380.57	0.23	ppb
Cobalt	59-2	193.71	195.27	194.51	194.50	0.40	ppb
Copper	63-2	287.14	285.51	286.37	286.34	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	3479.08	3480.71	3462.11	3473.97	0.30	ppb
Iron	56-2	3130.48	3169.66	3156.74	3152.29	0.63	ppb
Iron	57-2	3189.08	3171.64	3178.95	3179.89	0.28	ppb
Krypton	83-1						cps
Lead	206-1	705.95	822.05	814.41	780.81	8.32	ppb
Lead	207-1	655.57	758.24	744.65	719.49	7.75	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MS	Instrumnet Name :	P7
Client Sample ID :	PW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:07:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	750.45	872.40	859.26	827.37	8.09	ppb
Lithium	6-1				105		%
Magnesium	24-2	9212.10	9173.12	9115.23	9166.82	0.53	ppb
Manganese	55-2	184.44	185.69	184.78	184.97	0.35	ppb
Molybdenum	94-1	259.04	250.30	252.64	253.99	1.78	ppb
Molybdenum	95-1	367.15	359.10	361.26	362.50	1.15	ppb
Molybdenum	96-1	351.08	349.35	348.01	349.48	0.44	ppb
Molybdenum	97-1	373.03	363.90	358.16	365.03	2.05	ppb
Molybdenum	98-1	371.21	366.22	359.60	365.68	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.87	489.94	489.15	488.32	0.44	ppb
Phosphorus	31-2	5930.29	5946.02	5955.79	5944.03	0.22	ppb
Potassium	39-2	12401.58	12415.61	12407.37	12408.19	0.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	1936.96	1897.58	1906.14	1913.56	1.08	ppb
Selenium	77-2	1945.31	1966.89	1937.29	1949.83	0.79	ppb
Selenium	78-2	1957.07	1912.83	1914.54	1928.15	1.30	ppb
Silicon	28-1	2523.76	2503.34	2440.97	2489.36	1.73	ppb
Silver	109-1	70.77	69.16	69.82	69.92	1.16	ppb
Silver	107-1	72.28	70.29	70.06	70.87	1.72	ppb
Sodium	23-2	32543.72	32465.30	32189.85	32399.62	0.57	ppb
Strontium	86-1	289.39	282.81	283.88	285.36	1.24	ppb
Strontium	88-1	295.25	289.25	289.66	291.39	1.15	ppb
Sulfur	34-1	5086.36	4818.34	4350.94	4751.88	7.83	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1743.71	2057.16	2032.73	1944.53	8.97	ppb
Thallium	205-1	1721.88	1991.90	2009.19	1907.66	8.45	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	1567.44	ppb
Tin	118-1	638.82	632.28	635.50	635.53	0.51	ppb
Titanium	47-1	191.09	186.34	184.62	187.35	1.79	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	1.85	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MS	Instrumnet Name :	P7
Client Sample ID :	PW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:07:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	283.35	283.86	283.50	283.57	0.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	904.89	914.89	908.26	909.35	0.56	ppb
Zirconium	90-1	0.31	0.27	0.25	0.28	12.15	ppb
Zirconium	91-1	0.66	0.60	0.53	0.60	10.69	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSD	Instrumnet Name :	P7
Client Sample ID :	PW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:11:23	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2040.12	2020.84	1967.50	2009.49	1.87	ppb
Antimony	121-1	787.60	711.01	726.08	741.56	5.47	ppb
Arsenic	75-2	770.14	763.40	749.05	760.87	1.42	ppb
Barium	135-1	219.07	212.74	200.12	210.64	4.58	ppb
Barium	137-1	213.84	212.81	199.31	208.66	3.89	ppb
Beryllium	9-1	180.63	179.75	170.70	177.03	3.10	ppb
Bismuth	209-1				114		%
Bismuth	209-2				90		%
Boron	10-1	311.07	309.20	298.76	306.34	2.17	ppb
Boron	11-1	310.32	303.14	303.49	305.65	1.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	193.89	189.06	179.56	187.50	3.89	ppb
Cadmium	106-1	149.82	149.21	143.97	147.66	2.18	ppb
Cadmium	108-1	163.38	163.70	153.88	160.32	3.48	ppb
Calcium	43-1	21638.52	21524.36	20346.65	21169.84	3.38	ppb
Calcium	44-1	20985.22	20849.18	19518.44	20450.95	3.96	ppb
Chromium	52-2	382.47	386.00	377.18	381.88	1.16	ppb
Cobalt	59-2	196.06	195.44	193.49	195.00	0.69	ppb
Copper	63-2	288.26	287.08	284.12	286.49	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	3503.96	3561.01	3459.53	3508.17	1.45	ppb
Iron	56-2	3197.17	3244.62	3185.71	3209.17	0.97	ppb
Iron	57-2	3199.48	3206.17	3216.28	3207.31	0.26	ppb
Krypton	83-1						cps
Lead	206-1	686.85	698.72	653.59	679.72	3.44	ppb
Lead	207-1	632.99	649.93	608.14	630.36	3.33	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSD	Instrumnet Name :	P7
Client Sample ID :	PW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:11:23	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	728.00	744.30	697.67	723.32	3.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	9165.52	9193.14	9032.67	9130.44	0.94	ppb
Manganese	55-2	184.73	187.21	184.75	185.57	0.77	ppb
Molybdenum	94-1	251.63	245.37	234.66	243.89	3.52	ppb
Molybdenum	95-1	361.31	357.61	337.48	352.13	3.64	ppb
Molybdenum	96-1	348.94	346.74	326.93	340.87	3.56	ppb
Molybdenum	97-1	362.37	357.44	343.14	354.32	2.82	ppb
Molybdenum	98-1	362.08	357.91	344.58	354.85	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.58	490.47	487.63	491.23	0.82	ppb
Phosphorus	31-2	5900.40	6028.37	5988.21	5972.33	1.10	ppb
Potassium	39-2	12421.10	12381.07	12261.81	12354.66	0.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	1891.67	1862.13	1785.54	1846.45	2.97	ppb
Selenium	77-2	1962.45	1982.36	1864.36	1936.39	3.26	ppb
Selenium	78-2	1954.39	1931.97	1914.27	1933.54	1.04	ppb
Silicon	28-1	2494.04	2438.09	2314.98	2415.70	3.79	ppb
Silver	109-1	69.67	68.89	65.64	68.06	3.14	ppb
Silver	107-1	70.43	68.32	66.11	68.29	3.16	ppb
Sodium	23-2	32185.66	32166.17	32410.10	32253.98	0.42	ppb
Strontium	86-1	282.05	278.34	266.53	275.64	2.94	ppb
Strontium	88-1	285.94	284.04	271.44	280.47	2.81	ppb
Sulfur	34-1	4265.40	3993.50	3028.54	3762.48	17.28	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	1736.46	1731.69	1629.54	1699.23	3.55	ppb
Thallium	205-1	1696.29	1694.71	1605.64	1665.55	3.12	ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	642.67	620.25	590.95	617.96	4.20	ppb
Titanium	47-1	186.16	185.68	176.69	182.84	2.92	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	11.86	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSD	Instrumnet Name :	P7
Client Sample ID :	PW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:11:23	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	283.85	284.98	281.02	283.28	0.72	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	911.07	911.22	902.19	908.16	0.57	ppb
Zirconium	90-1	0.18	0.16	0.15	0.16	10.15	ppb
Zirconium	91-1	0.50	0.44	0.47	0.47	6.13	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02A	Instrumnet Name :	P7
Client Sample ID :	PW-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2013.85	2031.33	1996.11	2013.76	0.87	ppb
Antimony	121-1	794.59	780.28	775.09	783.32	1.29	ppb
Arsenic	75-2	762.85	763.70	761.46	762.67	0.15	ppb
Barium	135-1	216.11	214.35	216.14	215.53	0.48	ppb
Barium	137-1	215.49	211.47	213.48	213.48	0.94	ppb
Beryllium	9-1	182.17	180.88	180.28	181.11	0.53	ppb
Bismuth	209-1				110		%
Bismuth	209-2				90		%
Boron	10-1	313.59	308.92	313.66	312.05	0.87	ppb
Boron	11-1	318.11	318.07	321.41	319.20	0.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	198.44	193.36	192.63	194.81	1.62	ppb
Cadmium	106-1	149.35	147.07	149.81	148.74	0.99	ppb
Cadmium	108-1	163.35	163.00	166.22	164.19	1.08	ppb
Calcium	43-1	21450.95	21466.39	21542.19	21486.51	0.23	ppb
Calcium	44-1	20945.58	20979.14	20752.28	20892.33	0.59	ppb
Chromium	52-2	382.42	383.56	378.69	381.56	0.67	ppb
Cobalt	59-2	194.85	196.36	194.35	195.18	0.54	ppb
Copper	63-2	288.01	287.71	285.22	286.98	0.53	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				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	3502.23	3502.05	3458.58	3487.62	0.72	ppb
Iron	56-2	3202.69	3249.40	3160.30	3204.13	1.39	ppb
Iron	57-2	3168.84	3253.17	3205.57	3209.19	1.32	ppb
Krypton	83-1						cps
Lead	206-1	701.84	700.31	715.96	706.04	1.22	ppb
Lead	207-1	645.48	653.79	652.58	650.62	0.69	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02A	Instrumnet Name :	P7
Client Sample ID :	PW-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	744.86	747.07	745.08	745.67	0.16	ppb
Lithium	6-1				106		%
Magnesium	24-2	9176.61	9114.92	9012.76	9101.43	0.91	ppb
Manganese	55-2	185.33	186.76	185.50	185.86	0.42	ppb
Molybdenum	94-1	247.88	252.95	253.32	251.38	1.21	ppb
Molybdenum	95-1	360.06	359.04	363.38	360.83	0.63	ppb
Molybdenum	96-1	350.49	349.33	347.86	349.23	0.38	ppb
Molybdenum	97-1	365.11	360.95	362.59	362.88	0.58	ppb
Molybdenum	98-1	364.59	361.82	364.99	363.80	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.39	494.36	488.48	491.41	0.60	ppb
Phosphorus	31-2	6076.53	5899.96	5849.90	5942.13	2.00	ppb
Potassium	39-2	12431.25	12368.70	12357.51	12385.82	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	1908.74	1885.89	1907.23	1900.62	0.67	ppb
Selenium	77-2	1921.79	1993.70	1925.52	1947.00	2.08	ppb
Selenium	78-2	1931.97	1937.55	1921.34	1930.28	0.43	ppb
Silicon	28-1	2470.98	2504.87	2496.93	2490.92	0.71	ppb
Silver	109-1	71.09	69.66	70.34	70.37	1.02	ppb
Silver	107-1	71.69	70.50	70.15	70.78	1.14	ppb
Sodium	23-2	32331.02	31937.77	31666.90	31978.56	1.04	ppb
Strontium	86-1	283.15	281.40	283.00	282.52	0.34	ppb
Strontium	88-1	291.37	288.73	290.15	290.08	0.46	ppb
Sulfur	34-1	4006.40	4096.98	3993.84	4032.41	1.40	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1736.59	1769.43	1766.54	1757.52	1.03	ppb
Thallium	205-1	1726.61	1713.28	1734.65	1724.85	0.63	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	649.71	638.50	634.02	640.74	1.26	ppb
Titanium	47-1	187.70	187.82	188.46	187.99	0.22	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	1.86	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02A	Instrumnet Name :	P7
Client Sample ID :	PW-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	284.65	283.58	281.44	283.22	0.58	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	914.87	912.68	900.29	909.28	0.86	ppb
Zirconium	90-1	0.13	0.13	0.11	0.13	8.88	ppb
Zirconium	91-1	0.48	0.39	0.41	0.43	10.38	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:18:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	413.96	404.23	380.09	399.42	4.37	ppb
Antimony	121-1	147.23	147.47	146.51	147.07	0.34	ppb
Arsenic	75-2	150.11	151.29	148.56	149.99	0.91	ppb
Barium	135-1	43.31	43.19	43.20	43.23	0.15	ppb
Barium	137-1	42.35	42.96	42.73	42.68	0.72	ppb
Beryllium	9-1	37.15	37.37	38.05	37.52	1.25	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	84.78	77.71	83.31	81.93	4.56	ppb
Boron	11-1	84.26	83.19	84.63	84.03	0.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	38.02	38.54	38.76	38.44	0.98	ppb
Cadmium	106-1	27.81	28.88	28.62	28.44	1.96	ppb
Cadmium	108-1	33.42	33.29	33.38	33.36	0.19	ppb
Calcium	43-1	4376.82	4280.47	4344.59	4333.96	1.13	ppb
Calcium	44-1	4375.14	4421.34	4409.08	4401.85	0.54	ppb
Chromium	52-2	77.01	76.38	73.29	75.56	2.63	ppb
Cobalt	59-2	39.44	39.68	37.75	38.95	2.69	ppb
Copper	63-2	57.74	58.53	56.21	57.49	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	708.20	698.82	672.19	693.07	2.70	ppb
Iron	56-2	637.30	638.82	612.01	629.38	2.39	ppb
Iron	57-2	638.81	640.47	613.39	630.89	2.41	ppb
Krypton	83-1						cps
Lead	206-1	165.00	163.47	169.54	166.00	1.90	ppb
Lead	207-1	152.27	151.05	155.24	152.85	1.41	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:18:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	157.22	157.19	161.16	158.53	1.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	1843.85	1835.58	1781.41	1820.28	1.86	ppb
Manganese	55-2	37.30	36.94	36.15	36.79	1.61	ppb
Molybdenum	94-1	51.23	49.49	50.18	50.30	1.74	ppb
Molybdenum	95-1	74.20	72.76	71.22	72.73	2.05	ppb
Molybdenum	96-1	70.43	69.86	68.86	69.72	1.14	ppb
Molybdenum	97-1	72.55	72.13	71.83	72.17	0.50	ppb
Molybdenum	98-1	73.06	72.15	72.32	72.51	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.61	98.57	96.07	97.75	1.49	ppb
Phosphorus	31-2	1212.51	1205.61	1052.15	1156.76	7.84	ppb
Potassium	39-2	2501.91	2453.92	2427.30	2461.05	1.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	384.07	379.68	375.16	379.64	1.17	ppb
Selenium	77-2	385.34	374.42	382.81	380.86	1.50	ppb
Selenium	78-2	379.70	385.01	378.50	381.07	0.91	ppb
Silicon	28-1	520.03	530.04	534.52	528.20	1.40	ppb
Silver	109-1	13.97	14.13	13.91	14.00	0.80	ppb
Silver	107-1	14.27	14.29	14.21	14.26	0.30	ppb
Sodium	23-2	6754.83	6738.04	6620.50	6704.46	1.09	ppb
Strontium	86-1	56.39	56.68	56.26	56.44	0.38	ppb
Strontium	88-1	55.38	55.97	55.30	55.55	0.65	ppb
Sulfur	34-1	46.37	327.70	385.66	253.24	71.67	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	358.43	351.74	361.46	357.21	1.39	ppb
Thallium	205-1	345.67	342.65	351.11	346.48	1.24	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	128.17	126.61	129.55	128.11	1.15	ppb
Titanium	47-1	36.90	37.21	36.90	37.00	0.48	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.50	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:18:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	56.50	56.71	54.48	55.90	2.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	182.72	184.15	177.11	181.33	2.05	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	36.98	ppb
Zirconium	91-1	0.07	0.06	0.07	0.07	7.45	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:21:48	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	400.11	395.19	401.52	398.94	0.83	ppb
Antimony	121-1	147.19	145.77	147.39	146.78	0.60	ppb
Arsenic	75-2	152.98	153.32	148.57	151.62	1.75	ppb
Barium	135-1	42.76	42.47	43.45	42.89	1.18	ppb
Barium	137-1	42.76	42.20	43.19	42.72	1.17	ppb
Beryllium	9-1	36.65	37.22	37.73	37.20	1.46	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	74.23	71.97	75.64	73.95	2.51	ppb
Boron	11-1	76.89	75.87	77.69	76.82	1.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	38.02	38.38	38.97	38.45	1.25	ppb
Cadmium	106-1	29.22	25.94	28.92	28.03	6.46	ppb
Cadmium	108-1	33.63	32.42	32.50	32.85	2.05	ppb
Calcium	43-1	4411.61	4449.82	4402.02	4421.15	0.57	ppb
Calcium	44-1	4367.94	4442.22	4359.49	4389.88	1.04	ppb
Chromium	52-2	77.41	75.84	74.88	76.04	1.68	ppb
Cobalt	59-2	39.33	38.95	39.09	39.12	0.48	ppb
Copper	63-2	58.25	58.34	57.56	58.05	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	703.21	704.95	691.97	700.05	1.01	ppb
Iron	56-2	646.24	639.49	630.89	638.87	1.20	ppb
Iron	57-2	660.20	631.52	643.73	645.15	2.23	ppb
Krypton	83-1						cps
Lead	206-1	166.15	162.52	140.05	156.24	9.05	ppb
Lead	207-1	151.78	149.49	127.54	142.94	9.36	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:21:48	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	157.76	155.48	132.89	148.71	9.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	1863.98	1834.13	1835.36	1844.49	0.92	ppb
Manganese	55-2	37.86	37.43	37.00	37.43	1.15	ppb
Molybdenum	94-1	50.41	49.75	49.90	50.02	0.68	ppb
Molybdenum	95-1	73.26	72.26	71.16	72.23	1.46	ppb
Molybdenum	96-1	70.50	70.19	69.16	69.95	1.00	ppb
Molybdenum	97-1	72.52	72.83	72.07	72.47	0.52	ppb
Molybdenum	98-1	72.89	72.62	72.82	72.78	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.36	98.77	98.24	98.79	0.57	ppb
Phosphorus	31-2	1149.35	1119.77	1153.33	1140.82	1.61	ppb
Potassium	39-2	2506.62	2460.90	2478.07	2481.86	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	387.75	378.61	379.09	381.82	1.35	ppb
Selenium	77-2	381.59	396.33	348.56	375.49	6.52	ppb
Selenium	78-2	390.91	374.05	378.81	381.26	2.28	ppb
Silicon	28-1	541.78	545.95	539.14	542.29	0.63	ppb
Silver	109-1	14.29	14.24	14.19	14.24	0.38	ppb
Silver	107-1	14.11	13.96	14.14	14.07	0.69	ppb
Sodium	23-2	6683.32	6639.17	6632.21	6651.57	0.42	ppb
Strontium	86-1	57.37	56.54	56.66	56.86	0.78	ppb
Strontium	88-1	55.79	55.46	55.54	55.59	0.31	ppb
Sulfur	34-1	383.16	384.82	350.48	372.82	5.19	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	356.23	349.38	300.62	335.41	9.04	ppb
Thallium	205-1	343.68	335.31	294.55	324.51	8.10	ppb
Thorium	232-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	128.18	128.30	128.91	128.46	0.31	ppb
Titanium	47-1	38.14	37.85	37.66	37.88	0.64	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	30.60	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:21:48	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	56.82	56.35	56.46	56.54	0.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	183.35	182.02	181.55	182.31	0.51	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	48.13	ppb
Zirconium	91-1	0.09	0.09	0.07	0.08	12.49	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:25:19	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	416.24	400.14	395.72	404.03	2.67	ppb
Antimony	121-1	144.90	148.89	148.12	147.31	1.44	ppb
Arsenic	75-2	149.89	150.58	150.31	150.26	0.23	ppb
Barium	135-1	42.87	44.02	43.32	43.40	1.34	ppb
Barium	137-1	42.13	43.30	43.17	42.87	1.50	ppb
Beryllium	9-1	38.08	36.42	37.02	37.18	2.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	73.22	72.00	70.00	71.74	2.27	ppb
Boron	11-1	75.38	74.77	74.60	74.92	0.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	38.45	38.44	38.68	38.52	0.35	ppb
Cadmium	106-1	28.03	29.62	29.97	29.21	3.54	ppb
Cadmium	108-1	32.08	32.84	35.09	33.33	4.70	ppb
Calcium	43-1	4485.69	4401.53	4300.90	4396.04	2.10	ppb
Calcium	44-1	4402.38	4444.54	4426.57	4424.49	0.48	ppb
Chromium	52-2	77.32	77.26	74.66	76.41	1.99	ppb
Cobalt	59-2	39.54	39.07	38.60	39.07	1.19	ppb
Copper	63-2	58.59	58.67	57.80	58.35	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	718.81	712.05	716.09	715.65	0.48	ppb
Iron	56-2	652.96	646.58	633.58	644.38	1.53	ppb
Iron	57-2	645.75	641.56	644.36	643.89	0.33	ppb
Krypton	83-1						cps
Lead	206-1	163.13	164.91	137.58	155.21	9.85	ppb
Lead	207-1	150.64	152.24	127.01	143.30	9.86	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:25:19	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	156.62	156.42	131.82	148.29	9.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	1850.50	1845.42	1820.34	1838.75	0.88	ppb
Manganese	55-2	40.88	40.57	40.15	40.54	0.90	ppb
Molybdenum	94-1	50.09	50.75	50.41	50.42	0.65	ppb
Molybdenum	95-1	72.52	73.15	73.61	73.09	0.75	ppb
Molybdenum	96-1	69.87	70.37	69.83	70.02	0.43	ppb
Molybdenum	97-1	72.62	73.72	71.95	72.76	1.23	ppb
Molybdenum	98-1	72.71	73.84	72.70	73.08	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.85	98.63	98.44	98.97	0.78	ppb
Phosphorus	31-2	1223.33	1082.04	1216.26	1173.88	6.78	ppb
Potassium	39-2	2496.04	2483.37	2483.28	2487.56	0.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	382.08	383.18	377.54	380.93	0.78	ppb
Selenium	77-2	383.83	407.85	383.72	391.80	3.55	ppb
Selenium	78-2	381.80	389.83	376.83	382.82	1.71	ppb
Silicon	28-1	530.28	534.13	527.84	530.75	0.60	ppb
Silver	109-1	13.82	14.06	14.07	13.98	1.01	ppb
Silver	107-1	14.00	14.61	14.25	14.29	2.13	ppb
Sodium	23-2	6716.20	6701.29	6671.24	6696.24	0.34	ppb
Strontium	86-1	56.68	56.41	55.73	56.27	0.87	ppb
Strontium	88-1	55.49	55.41	55.46	55.46	0.07	ppb
Sulfur	34-1	-23.24	-6.16	-311.69	-113.70		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	351.53	351.88	295.92	333.11	9.67	ppb
Thallium	205-1	341.15	341.63	286.42	323.06	9.82	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	127.43	130.49	129.20	129.04	1.19	ppb
Titanium	47-1	38.77	38.03	37.44	38.08	1.75	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	31.31	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:25:19	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	57.49	56.89	55.87	56.75	1.45	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	186.18	186.30	181.44	184.64	1.50	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	44.07	ppb
Zirconium	91-1	0.08	0.07	0.07	0.07	11.03	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:40:22	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.11	5.75	5.79	5.55	6.90	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	7.82	ppb
Arsenic	75-2	0.04	0.03	0.05	0.04	19.30	ppb
Barium	135-1	6.35	6.48	6.30	6.38	1.46	ppb
Barium	137-1	6.69	6.36	6.49	6.51	2.57	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	52.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				89		%
Boron	10-1	10.51	9.95	10.48	10.31	3.07	ppb
Boron	11-1	9.35	9.69	10.16	9.73	4.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	0.01	0.01	14.13	ppb
Cadmium	106-1	-0.42	-1.35	-1.85	-1.21		ppb
Cadmium	108-1	-0.03	-0.11	-0.11	-0.08		ppb
Calcium	43-1	4077.47	4188.58	4161.56	4142.54	1.40	ppb
Calcium	44-1	4132.44	4102.58	4179.06	4138.03	0.93	ppb
Chromium	52-2	0.01	0.03	0.07	0.03	89.85	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	106.02	ppb
Copper	63-2	0.50	0.58	0.52	0.53	8.00	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				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	12.27	12.44	11.52	12.08	4.05	ppb
Iron	56-2	11.52	11.07	11.11	11.23	2.24	ppb
Iron	57-2	19.48	21.05	16.22	18.92	13.02	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.08	0.08	22.28	ppb
Lead	207-1	0.07	0.10	0.09	0.09	14.95	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:40:22	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.07	0.09	0.08	0.08	15.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	1446.99	1437.98	1432.74	1439.24	0.50	ppb
Manganese	55-2	0.44	0.52	0.51	0.49	8.90	ppb
Molybdenum	94-1	0.05	0.04	0.06	0.05	20.64	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	2.36	ppb
Molybdenum	96-1	0.09	0.12	0.11	0.10	15.05	ppb
Molybdenum	97-1	0.09	0.10	0.10	0.10	6.80	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	11.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.30	0.29	0.28	8.70	ppb
Phosphorus	31-2	50.55	51.10	42.93	48.19	9.47	ppb
Potassium	39-2	454.03	457.76	439.77	450.52	2.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.17	-0.81	-0.33	-0.43		ppb
Selenium	77-2	0.13	0.13	0.13	0.13	0.78	ppb
Selenium	78-2	0.12	-0.26	1.12	0.33	218.43	ppb
Silicon	28-1	356.48	356.22	361.18	357.96	0.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.27	ppb
Silver	107-1	0.02	0.01	0.02	0.02	21.67	ppb
Sodium	23-2	6073.04	5972.83	5982.89	6009.59	0.92	ppb
Strontium	86-1	19.35	18.81	19.27	19.14	1.53	ppb
Strontium	88-1	18.64	18.35	18.62	18.54	0.88	ppb
Sulfur	34-1	252.90	424.50	478.50	385.30	30.57	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.01	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	35.44	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.04	0.04	0.06	0.05	28.31	ppb
Titanium	47-1	0.32	0.32	0.18	0.27	28.93	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	24.29	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:40:22	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.02	0.04	0.03	28.30	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	144.68	143.24	139.05	142.32	2.05	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	161.02	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	142.96	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:43:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.61	5.28	3.89	4.93	18.56	ppb
Antimony	121-1	0.05	0.04	0.04	0.05	11.59	ppb
Arsenic	75-2	0.04	0.04	0.03	0.04	13.45	ppb
Barium	135-1	6.28	6.44	6.30	6.34	1.44	ppb
Barium	137-1	6.17	6.16	6.09	6.14	0.71	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	58.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				89		%
Boron	10-1	8.27	8.27	9.19	8.58	6.18	ppb
Boron	11-1	8.77	9.36	8.98	9.04	3.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.02	0.01	0.01	89.82	ppb
Cadmium	106-1	-0.28	-1.79	-1.41	-1.16		ppb
Cadmium	108-1	0.02	-0.01	0.09	0.04	144.23	ppb
Calcium	43-1	4094.87	4073.48	4029.27	4065.87	0.82	ppb
Calcium	44-1	4099.42	4074.10	4083.98	4085.84	0.31	ppb
Chromium	52-2	0.03	0.05	0.05	0.05	22.53	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	122.97	ppb
Copper	63-2	0.58	0.54	0.57	0.56	3.70	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				105		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	7.87	11.22	9.93	9.67	17.46	ppb
Iron	56-2	11.20	11.01	10.59	10.93	2.83	ppb
Iron	57-2	17.69	19.12	18.55	18.45	3.90	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.09	0.07	13.35	ppb
Lead	207-1	0.06	0.05	0.08	0.06	26.05	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:43:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.06	0.05	0.08	0.06	18.95	ppb
Lithium	6-1				100		%
Magnesium	24-2	1411.11	1409.04	1377.97	1399.37	1.33	ppb
Manganese	55-2	0.54	0.52	0.51	0.52	3.24	ppb
Molybdenum	94-1	0.05	0.06	0.04	0.05	20.74	ppb
Molybdenum	95-1	0.11	0.07	0.08	0.08	23.70	ppb
Molybdenum	96-1	0.06	0.09	0.10	0.08	25.99	ppb
Molybdenum	97-1	0.07	0.09	0.07	0.08	11.35	ppb
Molybdenum	98-1	0.09	0.11	0.08	0.09	12.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.25	0.31	0.29	13.57	ppb
Phosphorus	31-2	36.06	26.63	53.59	38.76	35.29	ppb
Potassium	39-2	438.84	439.11	436.09	438.01	0.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.31	0.25	-0.47	0.03	1565.77	ppb
Selenium	77-2	0.51	0.88	-0.25	0.38	151.22	ppb
Selenium	78-2	0.00	-0.56	-0.12	-0.23		ppb
Silicon	28-1	360.56	355.29	361.52	359.12	0.93	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.62	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.82	ppb
Sodium	23-2	5922.95	5868.85	5792.30	5861.37	1.12	ppb
Strontium	86-1	18.58	18.55	18.48	18.54	0.27	ppb
Strontium	88-1	18.27	18.27	17.92	18.15	1.12	ppb
Sulfur	34-1	351.97	252.66	487.22	363.95	32.35	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.01	0.01	65.62	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	61.93	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.04	0.05	0.03	0.04	30.48	ppb
Titanium	47-1	0.27	0.18	0.27	0.24	22.00	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	35.21	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:43:52	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.04	0.04	0.04	17.66	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	140.97	138.42	135.59	138.33	1.94	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.03	-0.02	0.02	0.01	281.36	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	PW-2LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-11-02 16:47:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	0.64	1.21	1.01	31.95	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	31.18	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	1.18	1.17	1.28	1.21	5.13	ppb
Barium	137-1	1.18	1.19	1.16	1.18	1.16	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	30.17	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	4.45	4.21	4.25	4.30	2.90	ppb
Boron	11-1	4.63	3.97	4.75	4.45	9.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	0.01	0.01	25.23	ppb
Cadmium	106-1	-0.89	-0.37	-1.03	-0.76		ppb
Cadmium	108-1	-0.08	-0.06	0.00	-0.05		ppb
Calcium	43-1	785.02	748.28	792.75	775.35	3.06	ppb
Calcium	44-1	785.28	776.91	766.31	776.17	1.23	ppb
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.06	0.11	0.09	28.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	2.47	1.54	3.27	2.42	35.71	ppb
Iron	56-2	1.52	1.52	1.53	1.52	0.35	ppb
Iron	57-2	2.72	3.61	2.02	2.78	28.67	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	52.65	ppb
Lead	207-1	0.03	0.02	0.04	0.03	38.93	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	PW-2LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-11-02 16:47:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.02	0.02	0.02	0.02	4.99	ppb
Lithium	6-1				99		%
Magnesium	24-2	271.04	265.75	263.17	266.65	1.50	ppb
Manganese	55-2	0.08	0.10	0.08	0.08	11.11	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	166.15	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	66.77	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	107.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.07	0.06	17.64	ppb
Phosphorus	31-2	20.02	17.45	18.93	18.80	6.85	ppb
Potassium	39-2	80.43	75.18	83.05	79.55	5.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	-0.11	-0.10	-0.33	-0.18		ppb
Selenium	77-2	0.90	-0.25	-0.25	0.14	489.39	ppb
Selenium	78-2	-0.23	-1.40	0.41	-0.41		ppb
Silicon	28-1	78.86	76.54	80.95	78.79	2.81	ppb
Silver	109-1	0.00	0.01	0.02	0.01	62.19	ppb
Silver	107-1	0.00	0.01	0.02	0.01	82.84	ppb
Sodium	23-2	1152.30	1157.13	1161.23	1156.88	0.39	ppb
Strontium	86-1	3.70	3.58	3.49	3.59	3.01	ppb
Strontium	88-1	3.56	3.55	3.54	3.55	0.30	ppb
Sulfur	34-1	-93.42	-63.60	-38.38	-65.13		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	58.48	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	61.85	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.02	0.02	0.06	0.03	73.42	ppb
Titanium	47-1	0.12	0.04	0.12	0.09	46.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	PW-2LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-11-02 16:47:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	47.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	27.58	26.96	26.16	26.90	2.64	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	245.27	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:07:33	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45876.95	46338.74	46828.75	46348.15	1.03	ppb
Antimony	121-1	452.43	451.92	460.99	455.11	1.12	ppb
Arsenic	75-2	471.84	471.72	475.72	473.09	0.48	ppb
Barium	135-1	2266.65	2266.33	2291.66	2274.88	0.64	ppb
Barium	137-1	2421.03	2413.55	2453.65	2429.41	0.88	ppb
Beryllium	9-1	479.96	470.90	472.01	474.29	1.04	ppb
Bismuth	209-1				84		%
Bismuth	209-2				80		%
Boron	10-1	483.56	484.15	491.08	486.27	0.86	ppb
Boron	11-1	487.59	482.58	494.69	488.29	1.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	471.65	471.02	479.08	473.91	0.95	ppb
Cadmium	106-1	462.40	461.89	468.13	464.14	0.75	ppb
Cadmium	108-1	462.57	466.28	474.70	467.85	1.33	ppb
Calcium	43-1	226210.43	229978.94	223037.57	226408.98	1.53	ppb
Calcium	44-1	227207.21	229101.74	222648.40	226319.12	1.47	ppb
Chromium	52-2	471.39	466.57	467.51	468.49	0.55	ppb
Cobalt	59-2	460.59	459.75	459.32	459.89	0.14	ppb
Copper	63-2	4697.21	4622.98	4672.57	4664.25	0.81	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	119982.03	121083.81	121395.38	120820.41	0.61	ppb
Iron	56-2	120695.00	120594.05	120870.56	120719.87	0.12	ppb
Iron	57-2	120987.92	119110.65	120275.87	120124.81	0.79	ppb
Krypton	83-1						cps
Lead	206-1	2615.14	2647.95	2564.88	2609.32	1.60	ppb
Lead	207-1	2544.94	2589.16	2526.20	2553.43	1.27	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:07:33	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2541.54	2593.76	2534.83	2556.71	1.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	240605.89	247805.57	246714.01	245041.82	1.58	ppb
Manganese	55-2	4769.56	4748.03	4808.95	4775.51	0.65	ppb
Molybdenum	94-1	2368.35	2381.64	2402.03	2384.00	0.71	ppb
Molybdenum	95-1	2381.90	2428.88	2389.74	2400.17	1.05	ppb
Molybdenum	96-1	2391.38	2427.19	2410.60	2409.72	0.74	ppb
Molybdenum	97-1	2450.43	2441.13	2416.96	2436.17	0.71	ppb
Molybdenum	98-1	2427.26	2402.69	2413.99	2414.65	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.34	453.52	456.23	456.70	0.75	ppb
Phosphorus	31-2	9390.52	9475.27	9232.35	9366.05	1.32	ppb
Potassium	39-2	120155.02	121261.73	120535.67	120650.81	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	458.64	453.66	460.24	457.51	0.75	ppb
Selenium	77-2	480.90	463.96	457.67	467.51	2.57	ppb
Selenium	78-2	469.58	469.76	482.46	473.93	1.56	ppb
Silicon	28-1	514.43	528.52	544.78	529.24	2.87	ppb
Silver	109-1	436.50	445.60	449.09	443.73	1.46	ppb
Silver	107-1	449.71	443.01	453.11	448.61	1.15	ppb
Sodium	23-2	246029.25	245578.39	244323.76	245310.46	0.36	ppb
Strontium	86-1	467.82	469.97	469.28	469.02	0.23	ppb
Strontium	88-1	480.22	488.51	477.27	482.00	1.21	ppb
Sulfur	34-1	8747.77	8853.53	8798.42	8799.91	0.60	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	467.45	463.25	460.54	463.75	0.75	ppb
Thallium	205-1	530.85	533.01	520.64	528.17	1.25	ppb
Thorium	232-1	495.46	494.79	500.60	496.95	0.64	ppb
Tin	118-1	450.99	451.01	457.58	453.20	0.84	ppb
Titanium	47-1	2298.21	2316.04	2287.50	2300.58	0.63	ppb
Uranium	238-1	491.46	492.50	492.06	492.01	0.11	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:07:33	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	473.95	472.87	471.91	472.91	0.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4579.08	4519.70	4554.40	4551.06	0.66	ppb
Zirconium	90-1	478.24	474.21	476.19	476.21	0.42	ppb
Zirconium	91-1	465.86	469.04	465.29	466.73	0.43	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:11:14	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.76	4.44	5.60	5.60	20.77	ppb
Antimony	121-1	0.17	0.15	0.15	0.16	6.19	ppb
Arsenic	75-2	0.00	0.03	0.02	0.02	79.82	ppb
Barium	135-1	0.07	0.06	0.06	0.06	11.55	ppb
Barium	137-1	0.04	0.05	0.05	0.05	13.86	ppb
Beryllium	9-1	0.06	0.03	0.06	0.05	40.60	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	20.05	18.93	15.34	18.11	13.59	ppb
Boron	11-1	19.10	18.89	17.69	18.56	4.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.02	0.05	0.04	35.19	ppb
Cadmium	106-1	-1.63	-0.34	-1.56	-1.18		ppb
Cadmium	108-1	-0.01	-0.03	-0.08	-0.04		ppb
Calcium	43-1	10.14	9.50	5.19	8.28	32.52	ppb
Calcium	44-1	2.02	5.23	2.93	3.39	48.92	ppb
Chromium	52-2	-0.01	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	16.07	ppb
Copper	63-2	0.28	0.28	0.24	0.27	8.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	6.46	4.16	2.23	4.28	49.43	ppb
Iron	56-2	3.06	2.83	2.77	2.89	5.35	ppb
Iron	57-2	3.04	3.64	1.78	2.82	33.68	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.66	0.62	0.63	4.33	ppb
Lead	207-1	0.60	0.63	0.53	0.59	9.15	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:11:14	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.58	0.64	0.57	0.60	5.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	7.25	7.01	7.52	7.26	3.51	ppb
Manganese	55-2	0.14	0.13	0.15	0.14	8.98	ppb
Molybdenum	94-1	0.14	0.11	0.11	0.12	15.49	ppb
Molybdenum	95-1	0.19	0.14	0.14	0.16	16.94	ppb
Molybdenum	96-1	0.20	0.16	0.12	0.16	24.60	ppb
Molybdenum	97-1	0.14	0.13	0.11	0.13	10.31	ppb
Molybdenum	98-1	0.17	0.18	0.16	0.17	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.02	0.02	72.51	ppb
Phosphorus	31-2	1.59	2.51	-5.60	-0.50		ppb
Potassium	39-2	18.81	11.07	15.04	14.97	25.86	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	-0.22	0.19	-0.36	-0.13		ppb
Selenium	77-2	-0.25	-0.25	0.12	-0.13		ppb
Selenium	78-2	-0.21	-0.60	0.58	-0.08		ppb
Silicon	28-1	14.47	20.08	17.76	17.44	16.18	ppb
Silver	109-1	0.04	0.05	0.04	0.04	21.88	ppb
Silver	107-1	0.06	0.04	0.06	0.05	20.54	ppb
Sodium	23-2	46.50	45.18	46.11	45.93	1.48	ppb
Strontium	86-1	-0.08	-0.04	0.00	-0.04		ppb
Strontium	88-1	0.01	0.03	0.01	0.02	45.12	ppb
Sulfur	34-1	-1510.76	-865.94	-1267.07	-1214.59		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	5.74	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	11.62	ppb
Thorium	232-1	0.02	0.03	0.04	0.03	20.32	ppb
Tin	118-1	0.13	0.11	0.12	0.12	8.85	ppb
Titanium	47-1	0.05	0.09	0.04	0.06	36.79	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.97	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:11:14	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.01	0.01	25.64	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	0.28	0.52	0.53	0.44	31.52	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	35.38	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	15.63	ppb

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:12:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	92	158	136	28.28	cps
Antimony	121-1	25	83	8	39	101.28	cps
Arsenic	75-2	9	4	19	10	71.35	cps
Barium	135-1	33	75	42	50	44.10	cps
Barium	137-1	75	67	142	94	43.53	cps
Beryllium	9-1	33	61	44	46	30.20	cps
Bismuth	209-1	6247916	6206279	6200648	6218281	0.42	cps
Bismuth	209-2	4501888	4472472	4500564	4491641	0.37	cps
Boron	10-1	800	1133	983	972	17.17	cps
Boron	11-1	4234	4509	4326	4356	3.22	cps
Bromine	81-1	22493	22994	22159	22549	1.86	cps
Bromine	81-2	60	70	50	60	16.67	cps
Cadmium	111-1	95	143	120	119	20.05	cps
Cadmium	106-1	5276	5176	5093	5182	1.77	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Calcium	43-1	400	242	367	336	24.84	cps
Calcium	44-1	22367	22384	22609	22454	0.60	cps
Chromium	52-2	1097	1207	1143	1149	4.81	cps
Cobalt	59-2	63	63	43	57	20.38	cps
Copper	63-2	1025	1079	949	1018	6.41	cps
Dysprosium	156-1	50	0	25	25	100.00	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-1	58	58	58	58	0.01	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	113	103	153	123	21.46	cps
Holmium	165-1	10630101	10516409	10522556	10556355	0.61	cps
Holmium	165-2	6532007	6552414	6546589	6543670	0.16	cps
Indium	115-1	8675086	8720618	8661658	8685787	0.36	cps
Indium	115-2	2197040	2198542	2208464	2201349	0.28	cps
Iron	54-2	1422	1301	1432	1385	5.23	cps
Iron	56-2	9909	9987	9637	9844	1.87	cps
Iron	57-2	422	389	361	391	7.83	cps
Krypton	83-1	763	683	780	742	6.96	cps
Lead	206-1	356	456	422	411	12.38	cps
Lead	207-1	267	394	272	311	23.21	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:12:12 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1528	1733	1522	1595	7.55	cps
Lithium	6-1	2514495	2522305	2532751	2523184	0.36	cps
Magnesium	24-2	525	475	558	519	8.07	cps
Manganese	55-2	107	113	80	100	17.64	cps
Molybdenum	94-1	317	242	275	278	13.53	cps
Molybdenum	95-1	117	150	125	131	13.29	cps
Molybdenum	96-1	175	108	100	128	32.17	cps
Molybdenum	97-1	83	33	117	78	53.93	cps
Molybdenum	98-1	133	133	150	139	6.93	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	77	87	73	79	8.80	cps
Phosphorus	31-2	117	192	117	142	30.56	cps
Potassium	39-2	73238	70408	70969	71539	2.09	cps
Rhodium	103-1	8340337	8257613	8342401	8313450	0.58	cps
Rhodium	103-2	4436578	4408553	4436927	4427352	0.37	cps
Scandium	45-1	6434639	6514086	6481081	6476602	0.62	cps
Scandium	45-2	380033	375825	375072	376977	0.71	cps
Selenium	82-1	3	134	16	51	140.58	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	148	167	165	160	6.38	cps
Silicon	28-1	847921	842590	846606	845706	0.33	cps
Silver	109-1	50	83	58	64	27.16	cps
Silver	107-1	100	133	125	119	14.53	cps
Sodium	23-2	35492	35576	34456	35175	1.77	cps
Strontium	86-1	1367	1217	1233	1272	6.46	cps
Strontium	88-1	317	258	300	292	10.30	cps
Sulfur	34-1	677199	680902	673940	677347	0.51	cps
Terbium	159-1	10986949	10905194	11168222	11020121	1.22	cps
Terbium	159-2	6606203	6664371	6595223	6621932	0.56	cps
Thallium	203-1	67	67	42	58	24.74	cps
Thallium	205-1	133	158	142	144	8.81	cps
Thorium	232-1	717	628	656	667	6.82	cps
Tin	118-1	725	650	758	711	7.80	cps
Titanium	47-1	167	142	167	158	9.12	cps
Uranium	238-1	33	67	42	47	36.74	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:12:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	7	13	13	49.99	cps
Yttrium	89-1	12329904	12606125	12460434	12465487	1.11	cps
Yttrium	89-2	2288892	2282597	2275679	2282390	0.29	cps
Zinc	66-2	300	427	367	364	17.39	cps
Zirconium	90-1	700	942	650	764	20.42	cps
Zirconium	91-1	142	108	108	119	16.11	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:15:43 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2192	2734	2481	10.99	cps
Antimony	121-1	15108	14433	15000	14847	2.44	cps
Arsenic	75-2	400	376	374	383	3.77	cps
Barium	135-1	18171	17436	17712	17773	2.09	cps
Barium	137-1	32238	30960	30342	31180	3.10	cps
Beryllium	9-1	1806	1650	1739	1732	4.51	cps
Bismuth	209-1	6178271	6232924	6195471	6202222	0.45	cps
Bismuth	209-2	4512264	4463909	4496824	4490999	0.55	cps
Boron	10-1	6068	5951	6235	6085	2.34	cps
Boron	11-1	28169	28051	28970	28397	1.76	cps
Bromine	81-1	22351	22668	21283	22101	3.28	cps
Bromine	81-2	30	60	30	40	43.30	cps
Cadmium	111-1	5489	5068	5053	5203	4.76	cps
Cadmium	106-1	5876	5751	5293	5640	5.45	cps
Cadmium	108-1	183	200	233	206	12.39	cps
Calcium	43-1	14074	13289	14032	13798	3.20	cps
Calcium	44-1	240773	239148	236198	238706	0.97	cps
Chromium	52-2	7062	7412	7689	7387	4.25	cps
Cobalt	59-2	4801	5044	4901	4915	2.49	cps
Copper	63-2	9699	9295	8965	9320	3.94	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	83	133	92	103	26.06	cps
Gadolinium	160-2	133	100	113	116	14.52	cps
Holmium	165-1	10582208	10630215	10530840	10581088	0.47	cps
Holmium	165-2	6560044	6484033	6505669	6516582	0.60	cps
Indium	115-1	8675867	8635546	8766671	8692695	0.77	cps
Indium	115-2	2200522	2195683	2186730	2194312	0.32	cps
Iron	54-2	8802	8641	9152	8865	2.95	cps
Iron	56-2	142219	144967	141534	142907	1.27	cps
Iron	57-2	3589	3934	3834	3786	4.68	cps
Krypton	83-1	820	753	720	764	6.66	cps
Lead	206-1	5812	5407	5863	5694	4.39	cps
Lead	207-1	4873	4706	4790	4790	1.74	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:15:43 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	22274	21946	22119	22113	0.74	cps
Lithium	6-1	2528530	2552466	2569343	2550113	0.80	cps
Magnesium	24-2	123009	122428	120522	121986	1.07	cps
Manganese	55-2	2180	2177	1863	2074	8.77	cps
Molybdenum	94-1	16176	16969	16618	16588	2.39	cps
Molybdenum	95-1	19639	20056	19731	19809	1.11	cps
Molybdenum	96-1	22059	22401	22134	22198	0.81	cps
Molybdenum	97-1	12556	12489	12356	12467	0.82	cps
Molybdenum	98-1	31928	32513	31368	31936	1.79	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1430	1353	1457	1413	3.80	cps
Phosphorus	31-2	158	242	142	181	29.67	cps
Potassium	39-2	202900	203636	202047	202861	0.39	cps
Rhodium	103-1	8324889	8276783	8307436	8303036	0.29	cps
Rhodium	103-2	4410029	4425459	4377194	4404227	0.56	cps
Scandium	45-1	6500435	6553976	6468988	6507799	0.66	cps
Scandium	45-2	373640	376167	374483	374763	0.34	cps
Selenium	82-1	720	695	776	730	5.72	cps
Selenium	77-2	33	50	43	42	19.87	cps
Selenium	78-2	313	289	293	298	4.35	cps
Silicon	28-1	924106	923315	923513	923644	0.04	cps
Silver	109-1	9095	8861	9345	9100	2.66	cps
Silver	107-1	9662	9687	9929	9759	1.51	cps
Sodium	23-2	249086	245002	243182	245757	1.23	cps
Strontium	86-1	3909	4026	3776	3903	3.21	cps
Strontium	88-1	23202	23937	23261	23467	1.74	cps
Sulfur	34-1	684748	686094	686106	685649	0.11	cps
Terbium	159-1	11043336	11084720	10960154	11029403	0.58	cps
Terbium	159-2	6713879	6632237	6648029	6664715	0.65	cps
Thallium	203-1	6493	6243	6168	6302	2.70	cps
Thallium	205-1	15159	15551	15710	15473	1.83	cps
Thorium	232-1	683	589	628	633	7.49	cps
Tin	118-1	30600	30233	31385	30740	1.92	cps
Titanium	47-1	6310	6385	6310	6335	0.68	cps
Uranium	238-1	19274	19107	18405	18929	2.43	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:15:43	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13189	13149	13066	13135	0.48	cps
Yttrium	89-1	12461950	12288513	12324850	12358437	0.74	cps
Yttrium	89-2	2270937	2260106	2256696	2262580	0.33	cps
Zinc	66-2	1433	1533	1513	1493	3.54	cps
Zirconium	90-1	14541	14658	13924	14374	2.74	cps
Zirconium	91-1	3034	3042	3317	3131	5.15	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:19:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114442	110901	105303	110215	4.18	cps
Antimony	121-1	389599	384892	391013	388501	0.82	cps
Arsenic	75-2	18916	18109	17210	18079	4.72	cps
Barium	135-1	471465	464913	467321	467899	0.71	cps
Barium	137-1	811661	814235	814173	813356	0.18	cps
Beryllium	9-1	87875	86522	87003	87133	0.79	cps
Bismuth	209-1	6133477	7361908	6144373	6546586	10.79	cps
Bismuth	209-2	4478307	4627293	4078010	4394537	6.46	cps
Boron	10-1	11129	11530	11538	11399	2.05	cps
Boron	11-1	55669	55126	58170	56322	2.88	cps
Bromine	81-1	21024	22485	22193	21900	3.53	cps
Bromine	81-2	90	80	60	77	19.92	cps
Cadmium	111-1	227429	225752	225721	226300	0.43	cps
Cadmium	106-1	16994	17194	16794	16994	1.18	cps
Cadmium	108-1	8086	8461	7852	8133	3.78	cps
Calcium	43-1	144709	143253	143219	143727	0.59	cps
Calcium	44-1	2310966	2294877	2304589	2303477	0.35	cps
Chromium	52-2	164654	157414	148055	156708	5.31	cps
Cobalt	59-2	255249	245734	232022	244335	4.78	cps
Copper	63-2	1925884	1860079	1762388	1849450	4.45	cps
Dysprosium	156-1	25	33	50	36	35.25	cps
Dysprosium	156-2	3	20	20	14	66.64	cps
Erbium	164-1	25	75	17	39	81.12	cps
Erbium	164-2	30	17	27	24	28.38	cps
Gadolinium	160-1	108	117	100	108	7.69	cps
Gadolinium	160-2	133	103	133	123	14.04	cps
Holmium	165-1	10654196	11148843	10579444	10794161	2.87	cps
Holmium	165-2	6484184	6806604	5659614	6316801	9.36	cps
Indium	115-1	8515672	9363836	8632467	8837325	5.20	cps
Indium	115-2	2171885	2297847	1992083	2153938	7.13	cps
Iron	54-2	386939	374653	344913	368835	5.86	cps
Iron	56-2	6788647	6419891	6033269	6413936	5.89	cps
Iron	57-2	172679	164758	155648	164361	5.19	cps
Krypton	83-1	807	760	770	779	3.15	cps
Lead	206-1	1448347	1426694	1443552	1439531	0.79	cps
Lead	207-1	1249228	1227947	1247760	1241645	0.96	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:19:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5726287	5641652	5744944	5704295	0.96	cps
Lithium	6-1	2522138	2654560	2543266	2573321	2.76	cps
Magnesium	24-2	1280746	1242760	1186862	1236789	3.82	cps
Manganese	55-2	1044219	1010985	956684	1003963	4.40	cps
Molybdenum	94-1	859499	854387	837922	850602	1.33	cps
Molybdenum	95-1	1038965	1027918	1033337	1033406	0.53	cps
Molybdenum	96-1	1155716	1141809	1145784	1147770	0.62	cps
Molybdenum	97-1	649953	650409	651720	650694	0.14	cps
Molybdenum	98-1	1650264	1642734	1637223	1643407	0.40	cps
Neodymium	150-1	67	60	53	60	11.11	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	67169	64565	60210	63981	5.50	cps
Phosphorus	31-2	7227	6977	6493	6899	5.41	cps
Potassium	39-2	775703	766088	762566	768119	0.89	cps
Rhodium	103-1	8180630	8892365	8328690	8467228	4.44	cps
Rhodium	103-2	4377771	4641037	3993702	4337503	7.51	cps
Scandium	45-1	6483182	6941399	6406708	6610430	4.37	cps
Scandium	45-2	371095	391626	341101	367941	6.91	cps
Selenium	82-1	7581	7755	7482	7606	1.82	cps
Selenium	77-2	523	520	377	473	17.69	cps
Selenium	78-2	1830	1626	1687	1714	6.10	cps
Silicon	28-1	1239175	1253579	1261001	1251252	0.89	cps
Silver	109-1	470202	473214	470450	471289	0.35	cps
Silver	107-1	498202	500999	499924	499708	0.28	cps
Sodium	23-2	2254466	2210163	2175319	2213316	1.79	cps
Strontium	86-1	140135	140631	137924	139564	1.03	cps
Strontium	88-1	1199742	1186295	1190605	1192214	0.58	cps
Sulfur	34-1	718086	721604	714731	718140	0.48	cps
Terbium	159-1	11047147	11659954	11321629	11342910	2.71	cps
Terbium	159-2	6624447	6900286	5705042	6409925	9.76	cps
Thallium	203-1	334001	333742	339435	335726	0.96	cps
Thallium	205-1	818996	805957	804402	809785	0.99	cps
Thorium	232-1	1102880	1083460	1098458	1094932	0.93	cps
Tin	118-1	316664	315873	310523	314353	1.06	cps
Titanium	47-1	318932	320073	323222	320742	0.69	cps
Uranium	238-1	988693	961554	978677	976308	1.41	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:19:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	136736	131871	125760	131456	4.18	cps
Yttrium	89-1	12286899	13051087	12407240	12581742	3.27	cps
Yttrium	89-2	2247344	2357359	2064204	2222969	6.66	cps
Zinc	66-2	279928	272967	258515	270470	4.04	cps
Zirconium	90-1	723016	707047	711077	713713	1.16	cps
Zirconium	91-1	160540	157037	160716	159431	1.30	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:22:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288644	291867	276945	285819	2.75	cps
Antimony	121-1	961268	969959	969202	966810	0.50	cps
Arsenic	75-2	45584	46479	45213	45759	1.42	cps
Barium	135-1	1158555	1160598	1157870	1159008	0.12	cps
Barium	137-1	2013769	2014082	2009074	2012308	0.14	cps
Beryllium	9-1	219623	213280	218176	217026	1.53	cps
Bismuth	209-1	6190983	6245366	6169066	6201805	0.63	cps
Bismuth	209-2	4394424	4444395	4360146	4399655	0.96	cps
Boron	10-1	27016	27333	28260	27537	2.35	cps
Boron	11-1	132290	134610	132971	133290	0.89	cps
Bromine	81-1	21249	22117	21658	21675	2.00	cps
Bromine	81-2	50	70	70	63	18.23	cps
Cadmium	111-1	569358	559466	562949	563924	0.89	cps
Cadmium	106-1	34116	33999	34568	34228	0.88	cps
Cadmium	108-1	19731	20273	19973	19992	1.36	cps
Calcium	43-1	359089	357340	355814	357414	0.46	cps
Calcium	44-1	5395640	5280811	5334243	5336898	1.08	cps
Chromium	52-2	404086	403632	392918	400212	1.58	cps
Cobalt	59-2	622441	620721	608900	617354	1.19	cps
Copper	63-2	4681119	4675110	4603371	4653200	0.93	cps
Dysprosium	156-1	83	67	33	61	41.67	cps
Dysprosium	156-2	37	40	43	40	8.32	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	43	27	37	36	23.58	cps
Gadolinium	160-1	117	117	108	114	4.22	cps
Gadolinium	160-2	177	177	107	153	26.36	cps
Holmium	165-1	10635324	10766153	10522090	10641189	1.15	cps
Holmium	165-2	6558301	6629273	6102857	6430144	4.44	cps
Indium	115-1	8775752	8713492	8733116	8740787	0.36	cps
Indium	115-2	2162057	2171549	2161725	2165110	0.26	cps
Iron	54-2	955376	948632	932250	945419	1.26	cps
Iron	56-2	16837708	16660206	16430196	16642703	1.23	cps
Iron	57-2	421955	425622	414227	420601	1.38	cps
Krypton	83-1	733	737	797	756	4.72	cps
Lead	206-1	3575579	3537268	3556655	3556501	0.54	cps
Lead	207-1	3076371	3109023	3081293	3088896	0.57	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:22:45 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15174286	15342260	15277654	15264733	0.56	cps
Lithium	6-1	2536830	2541567	2522402	2533600	0.39	cps
Magnesium	24-2	3120289	3136852	3062874	3106672	1.25	cps
Manganese	55-2	2556153	2549116	2542435	2549235	0.27	cps
Molybdenum	94-1	2106436	2118866	2094945	2106749	0.57	cps
Molybdenum	95-1	2552842	2582950	2585850	2573880	0.71	cps
Molybdenum	96-1	2862349	2837349	2863326	2854342	0.52	cps
Molybdenum	97-1	1600476	1577713	1599043	1592411	0.80	cps
Molybdenum	98-1	4056831	4062226	4080642	4066566	0.31	cps
Neodymium	150-1	133	100	87	107	22.54	cps
Neodymium	150-2	13	33	33	27	43.31	cps
Nickel	60-2	164578	162748	158657	161994	1.87	cps
Phosphorus	31-2	18003	17728	16893	17541	3.29	cps
Potassium	39-2	1788169	1806236	1798157	1797520	0.50	cps
Rhodium	103-1	8308348	8289705	8342315	8313456	0.32	cps
Rhodium	103-2	4303810	4357390	4323055	4328085	0.63	cps
Scandium	45-1	6465944	6521640	6416094	6467893	0.82	cps
Scandium	45-2	371104	371426	368626	370385	0.41	cps
Selenium	82-1	18887	19411	18955	19084	1.49	cps
Selenium	77-2	1130	1140	1213	1161	3.92	cps
Selenium	78-2	4069	4062	3967	4033	1.41	cps
Silicon	28-1	1859392	1886192	1919798	1888461	1.60	cps
Silver	109-1	1172112	1159200	1160679	1163997	0.61	cps
Silver	107-1	1239715	1229403	1224769	1231296	0.62	cps
Sodium	23-2	5197452	5256828	5117242	5190507	1.35	cps
Strontium	86-1	344798	341717	346257	344257	0.67	cps
Strontium	88-1	2989752	2977278	2950631	2972554	0.67	cps
Sulfur	34-1	775052	779554	777256	777287	0.29	cps
Terbium	159-1	11175150	11053099	11064629	11097626	0.61	cps
Terbium	159-2	6624503	6608192	6739303	6657333	1.07	cps
Thallium	203-1	847413	850066	842274	846584	0.47	cps
Thallium	205-1	2004615	1979164	2004992	1996257	0.74	cps
Thorium	232-1	2799421	2779527	2739880	2772943	1.09	cps
Tin	118-1	782068	778461	772951	777827	0.59	cps
Titanium	47-1	791473	789390	794597	791820	0.33	cps
Uranium	238-1	2447313	2509777	2468897	2475329	1.28	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:22:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	337244	337148	328542	334311	1.49	cps
Yttrium	89-1	12785023	12463091	12545840	12597985	1.33	cps
Yttrium	89-2	2254626	2248841	2246658	2250042	0.18	cps
Zinc	66-2	687198	693802	681080	687360	0.93	cps
Zirconium	90-1	1799608	1788986	1781344	1789980	0.51	cps
Zirconium	91-1	396722	401185	398043	398650	0.58	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:26:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	564071	554586	516842	545166	4.58	cps
Antimony	121-1	1907215	1893907	1898085	1899735	0.36	cps
Arsenic	75-2	90473	90701	86732	89302	2.50	cps
Barium	135-1	2311281	2307149	2320667	2313032	0.30	cps
Barium	137-1	3956865	3968253	3972623	3965914	0.21	cps
Beryllium	9-1	419976	421397	422102	421158	0.26	cps
Bismuth	209-1	6104106	6075689	6024562	6068119	0.66	cps
Bismuth	209-2	4402170	4365810	4425146	4397709	0.68	cps
Boron	10-1	53094	53026	54323	53481	1.37	cps
Boron	11-1	255592	258949	266991	260511	2.25	cps
Bromine	81-1	22001	21592	21976	21856	1.05	cps
Bromine	81-2	30	80	100	70	51.51	cps
Cadmium	111-1	1100909	1094433	1102036	1099126	0.37	cps
Cadmium	106-1	62186	61935	62304	62142	0.30	cps
Cadmium	108-1	40366	39208	38615	39396	2.26	cps
Calcium	43-1	707793	706101	696520	703471	0.86	cps
Calcium	44-1	10643199	10533939	10502317	10559818	0.70	cps
Chromium	52-2	796466	781951	733275	770564	4.30	cps
Cobalt	59-2	1217013	1208810	1147582	1191135	3.19	cps
Copper	63-2	9502523	9423831	8869766	9265374	3.72	cps
Dysprosium	156-1	58	83	117	86	33.99	cps
Dysprosium	156-2	67	77	70	71	7.16	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	142	108	133	128	13.57	cps
Gadolinium	160-2	160	147	117	141	15.73	cps
Holmium	165-1	10485908	10582615	10543707	10537410	0.46	cps
Holmium	165-2	6638054	6605913	6644425	6629464	0.31	cps
Indium	115-1	8548605	8667125	8616363	8610698	0.69	cps
Indium	115-2	2172848	2143887	2175005	2163913	0.80	cps
Iron	54-2	1879638	1862529	1737492	1826553	4.25	cps
Iron	56-2	33161665	32436026	30440314	32012669	4.40	cps
Iron	57-2	837621	830794	770976	813130	4.51	cps
Krypton	83-1	843	807	753	801	5.65	cps
Lead	206-1	7929126	7949823	7908079	7929009	0.26	cps
Lead	207-1	6132319	6074927	6051436	6086227	0.68	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:26:14 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	31510218	30913675	30915918	31113270	1.10	cps
Lithium	6-1	2476821	2461919	2476907	2471882	0.35	cps
Magnesium	24-2	6047920	5843776	5488046	5793247	4.89	cps
Manganese	55-2	5073939	5008334	4764622	4948965	3.29	cps
Molybdenum	94-1	4177468	4116928	4207519	4167305	1.11	cps
Molybdenum	95-1	5062234	5016255	5053363	5043951	0.48	cps
Molybdenum	96-1	5617049	5704185	5569592	5630276	1.21	cps
Molybdenum	97-1	3179477	3141882	3145303	3155554	0.66	cps
Molybdenum	98-1	8177633	7944909	7995711	8039418	1.52	cps
Neodymium	150-1	193	187	193	191	2.01	cps
Neodymium	150-2	40	43	50	44	11.46	cps
Nickel	60-2	320379	316220	298318	311639	3.76	cps
Phosphorus	31-2	34574	33713	32937	33741	2.43	cps
Potassium	39-2	3465597	3426963	3409931	3434163	0.83	cps
Rhodium	103-1	8106308	8000327	8020471	8042369	0.70	cps
Rhodium	103-2	4339219	4323487	4358277	4340327	0.40	cps
Scandium	45-1	6407597	6461266	6364097	6410987	0.76	cps
Scandium	45-2	368943	366433	371454	368943	0.68	cps
Selenium	82-1	37226	37405	37737	37456	0.69	cps
Selenium	77-2	2350	2284	1970	2201	9.22	cps
Selenium	78-2	7760	7848	7428	7679	2.89	cps
Silicon	28-1	2856201	2903617	2970584	2910134	1.97	cps
Silver	109-1	2283958	2264572	2284805	2277778	0.50	cps
Silver	107-1	2421053	2394011	2390517	2401861	0.70	cps
Sodium	23-2	10200134	10082903	9791837	10024958	2.10	cps
Strontium	86-1	673133	670888	681193	675071	0.80	cps
Strontium	88-1	5990525	5919741	5974646	5961638	0.62	cps
Sulfur	34-1	877481	874721	878950	877050	0.24	cps
Terbium	159-1	11191712	11007359	11003172	11067414	0.97	cps
Terbium	159-2	6625734	6660663	6714044	6666814	0.67	cps
Thallium	203-1	1668498	1654558	1663812	1662289	0.43	cps
Thallium	205-1	3968749	3902234	3972645	3947876	1.00	cps
Thorium	232-1	5566797	5577139	5576810	5573582	0.11	cps
Tin	118-1	1561279	1547686	1542082	1550349	0.64	cps
Titanium	47-1	1551739	1557180	1552805	1553908	0.19	cps
Uranium	238-1	4992598	4963332	4950787	4968906	0.43	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:26:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	672115	664283	624889	653763	3.87	cps
Yttrium	89-1	12409571	12386096	12421406	12405691	0.14	cps
Yttrium	89-2	2246722	2249574	2264479	2253592	0.42	cps
Zinc	66-2	1358866	1337366	1280578	1325603	3.05	cps
Zirconium	90-1	3527809	3532954	3535826	3532196	0.11	cps
Zirconium	91-1	791039	786914	790719	789557	0.29	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:29:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108941	1120717	1108694	1112784	0.62	cps
Antimony	121-1	3900174	3789415	3870772	3853454	1.49	cps
Arsenic	75-2	180926	180594	181580	181034	0.28	cps
Barium	135-1	4723277	4555036	4685677	4654663	1.90	cps
Barium	137-1	8692689	8417937	8537446	8549357	1.61	cps
Beryllium	9-1	849943	826372	845617	840644	1.49	cps
Bismuth	209-1	5928779	5809871	6115918	5951522	2.59	cps
Bismuth	209-2	4292047	4346640	4326444	4321711	0.64	cps
Boron	10-1	107924	107195	108922	108014	0.80	cps
Boron	11-1	520495	507434	532134	520021	2.38	cps
Bromine	81-1	22243	21875	23177	22432	2.99	cps
Bromine	81-2	20	60	90	57	61.97	cps
Cadmium	111-1	2228187	2162915	2209578	2200227	1.53	cps
Cadmium	106-1	123728	118634	123971	122111	2.47	cps
Cadmium	108-1	80270	77246	81729	79748	2.87	cps
Calcium	43-1	1436657	1385383	1424596	1415545	1.89	cps
Calcium	44-1	21464876	20983787	21772595	21407086	1.86	cps
Chromium	52-2	1576315	1586845	1572873	1578678	0.46	cps
Cobalt	59-2	2419565	2439464	2425035	2428021	0.42	cps
Copper	63-2	18709552	18897862	18901331	18836249	0.58	cps
Dysprosium	156-1	200	242	133	192	28.51	cps
Dysprosium	156-2	127	87	70	94	30.84	cps
Erbium	164-1	108	108	117	111	4.33	cps
Erbium	164-2	47	57	47	50	11.55	cps
Gadolinium	160-1	133	192	225	183	25.31	cps
Gadolinium	160-2	187	183	180	183	1.82	cps
Holmium	165-1	10598875	10480551	10666778	10582068	0.89	cps
Holmium	165-2	6530814	6647362	6469643	6549273	1.38	cps
Indium	115-1	8420136	8350574	8728997	8499902	2.37	cps
Indium	115-2	2093938	2125697	2133203	2117613	0.98	cps
Iron	54-2	3705228	3733465	3710545	3716413	0.40	cps
Iron	56-2	66042192	65977215	65722967	65914125	0.26	cps
Iron	57-2	1653290	1663003	1672679	1662991	0.58	cps
Krypton	83-1	797	707	837	780	8.54	cps
Lead	206-1	16462537	15978503	16099912	16180317	1.56	cps
Lead	207-1	14512248	14262597	14360668	14378505	0.87	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:29:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	65651265	64327729	65124294	65034429	1.02	cps
Lithium	6-1	2432149	2360182	2472966	2421766	2.36	cps
Magnesium	24-2	11627255	11877074	11762923	11755751	1.06	cps
Manganese	55-2	10054308	10150095	10056537	10086980	0.54	cps
Molybdenum	94-1	8587088	8359851	8652849	8533263	1.80	cps
Molybdenum	95-1	10384435	10111608	10486934	10327659	1.88	cps
Molybdenum	96-1	11700750	11289685	11579073	11523169	1.83	cps
Molybdenum	97-1	6524170	6391681	6484217	6466690	1.05	cps
Molybdenum	98-1	16435852	16112459	16352305	16300205	1.03	cps
Neodymium	150-1	427	447	427	433	2.66	cps
Neodymium	150-2	73	83	83	80	7.22	cps
Nickel	60-2	632285	635667	630335	632763	0.43	cps
Phosphorus	31-2	67679	68708	66984	67790	1.28	cps
Potassium	39-2	6474484	6531452	6525594	6510510	0.48	cps
Rhodium	103-1	7922584	7832401	8252519	8002501	2.76	cps
Rhodium	103-2	4179978	4264441	4246848	4230422	1.05	cps
Scandium	45-1	6360229	6090894	6541903	6331009	3.58	cps
Scandium	45-2	364165	367376	365153	365565	0.45	cps
Selenium	82-1	75650	73843	75809	75101	1.45	cps
Selenium	77-2	4321	4391	4611	4441	3.41	cps
Selenium	78-2	15145	15332	15384	15287	0.82	cps
Silicon	28-1	4818175	4791557	4965178	4858303	1.92	cps
Silver	109-1	4628152	4484954	4628809	4580638	1.81	cps
Silver	107-1	4882571	4695930	4825869	4801457	1.99	cps
Sodium	23-2	20269148	20210887	20393486	20291174	0.46	cps
Strontium	86-1	1370118	1346957	1352736	1356604	0.89	cps
Strontium	88-1	12040664	11973557	12070947	12028389	0.41	cps
Sulfur	34-1	1101508	1080889	1100648	1094348	1.07	cps
Terbium	159-1	11046284	11008617	11285577	11113493	1.35	cps
Terbium	159-2	6550166	6626750	6592801	6589906	0.58	cps
Thallium	203-1	3379017	3311205	3356273	3348832	1.03	cps
Thallium	205-1	9027211	8755814	8934641	8905888	1.55	cps
Thorium	232-1	13533546	12930648	13503340	13322511	2.55	cps
Tin	118-1	3115260	3086114	3140494	3113956	0.87	cps
Titanium	47-1	3178116	3071497	3175274	3141629	1.93	cps
Uranium	238-1	11916039	11803503	12050685	11923409	1.04	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:29:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1331628	1341477	1334909	1336005	0.38	cps
Yttrium	89-1	12200889	12104984	12584818	12296897	2.06	cps
Yttrium	89-2	2200135	2235358	2223193	2219562	0.81	cps
Zinc	66-2	2667715	2660920	2660185	2662940	0.16	cps
Zirconium	90-1	7145474	7170978	7174732	7163728	0.22	cps
Zirconium	91-1	1609082	1562194	1600734	1590670	1.57	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:33:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2155964	2199213	2207270	2187483	1.26	cps
Antimony	121-1	8075365	8014589	7943479	8011144	0.82	cps
Arsenic	75-2	361330	361802	362309	361814	0.14	cps
Barium	135-1	9862369	9818021	9709636	9796676	0.80	cps
Barium	137-1	16891684	17026580	16897999	16938754	0.45	cps
Beryllium	9-1	1644617	1639690	1627503	1637270	0.54	cps
Bismuth	209-1	5905060	5880325	6121858	5969081	2.23	cps
Bismuth	209-2	4233595	4290725	4264698	4263006	0.67	cps
Boron	10-1	212014	207967	210602	210194	0.98	cps
Boron	11-1	1030322	1018248	1029280	1025950	0.65	cps
Bromine	81-1	22151	21742	23528	22473	4.16	cps
Bromine	81-2	60	60	60	60	0.00	cps
Cadmium	111-1	4320343	4328402	4268050	4305598	0.76	cps
Cadmium	106-1	236288	238195	232258	235580	1.29	cps
Cadmium	108-1	158248	157717	157241	157736	0.32	cps
Calcium	43-1	2835342	2799309	2781107	2805253	0.98	cps
Calcium	44-1	42950865	42597886	42326671	42625141	0.73	cps
Chromium	52-2	3132668	3122570	3118519	3124586	0.23	cps
Cobalt	59-2	4760153	4755543	4761974	4759223	0.07	cps
Copper	63-2	36880750	37115630	36740883	36912421	0.51	cps
Dysprosium	156-1	267	392	267	308	23.41	cps
Dysprosium	156-2	177	237	233	216	15.64	cps
Erbium	164-1	67	75	83	75	11.11	cps
Erbium	164-2	50	30	37	39	26.18	cps
Gadolinium	160-1	267	233	267	256	7.53	cps
Gadolinium	160-2	200	210	233	214	7.98	cps
Holmium	165-1	10609629	10634904	10965037	10736524	1.85	cps
Holmium	165-2	6456217	6624770	6603661	6561549	1.40	cps
Indium	115-1	8544649	8554758	8777640	8625683	1.53	cps
Indium	115-2	2082723	2087515	2098185	2089474	0.38	cps
Iron	54-2	7212577	7206643	7242880	7220700	0.27	cps
Iron	56-2	130814714	131960581	130171692	130982329	0.69	cps
Iron	57-2	3256248	3292483	3306214	3284982	0.79	cps
Krypton	83-1	767	813	810	797	3.27	cps
Lead	206-1	31923330	31807259	31820763	31850451	0.20	cps
Lead	207-1	28153643	28177748	28562188	28297860	0.81	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:33:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	127482698	126771572	128727964	127660745	0.78	cps
Lithium	6-1	2392665	2396475	2444010	2411050	1.19	cps
Magnesium	24-2	22925373	23350436	23417822	23231210	1.15	cps
Manganese	55-2	20153375	20222140	20124511	20166675	0.25	cps
Molybdenum	94-1	17333669	17169382	16972041	17158364	1.06	cps
Molybdenum	95-1	21079968	20849949	20630810	20853575	1.08	cps
Molybdenum	96-1	23138200	23052033	22712894	22967709	0.98	cps
Molybdenum	97-1	12992783	12856623	12639743	12829716	1.39	cps
Molybdenum	98-1	32988624	32617517	32518141	32708094	0.76	cps
Neodymium	150-1	713	920	920	851	14.02	cps
Neodymium	150-2	100	87	120	102	16.41	cps
Nickel	60-2	1239571	1236645	1236458	1237558	0.14	cps
Phosphorus	31-2	132961	135753	136518	135077	1.39	cps
Potassium	39-2	12768457	12811697	12889552	12823235	0.48	cps
Rhodium	103-1	7863965	7933442	8051814	7949740	1.19	cps
Rhodium	103-2	4196833	4214989	4195158	4202327	0.26	cps
Scandium	45-1	6361163	6425707	6598274	6461715	1.90	cps
Scandium	45-2	365455	368015	366127	366532	0.36	cps
Selenium	82-1	148242	149247	147519	148336	0.58	cps
Selenium	77-2	8449	8983	8983	8805	3.50	cps
Selenium	78-2	30205	29842	30066	30038	0.61	cps
Silicon	28-1	8616405	8653471	8783143	8684340	1.01	cps
Silver	109-1	9359075	9408349	9326747	9364724	0.44	cps
Silver	107-1	9709310	9893508	9735294	9779371	1.02	cps
Sodium	23-2	39763309	40086433	40517998	40122580	0.94	cps
Strontium	86-1	2693219	2701871	2708359	2701150	0.28	cps
Strontium	88-1	24121259	23933071	23941530	23998620	0.44	cps
Sulfur	34-1	1544856	1543539	1524667	1537687	0.73	cps
Terbium	159-1	11297952	11273823	11434892	11335556	0.77	cps
Terbium	159-2	6684936	6698862	6649711	6677836	0.38	cps
Thallium	203-1	7400258	7339852	7298041	7346050	0.70	cps
Thallium	205-1	17557622	17359749	17592231	17503201	0.72	cps
Thorium	232-1	26892964	27052478	26896457	26947300	0.34	cps
Tin	118-1	6445748	6517091	6432904	6465248	0.70	cps
Titanium	47-1	6400763	6343738	6348491	6364331	0.50	cps
Uranium	238-1	23651288	23623022	23838415	23704242	0.49	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:33:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2637440	2657184	2675175	2656600	0.71	cps
Yttrium	89-1	12393171	12463645	12922400	12593072	2.28	cps
Yttrium	89-2	2235294	2245025	2243349	2241223	0.23	cps
Zinc	66-2	5194414	5228034	5213625	5212024	0.32	cps
Zirconium	90-1	14518518	14407314	14456950	14460927	0.39	cps
Zirconium	91-1	3188021	3174942	3155905	3172956	0.51	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:36:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10624186	10745039	10798806	10722677	0.83	cps
Antimony	121-1	7110	6727	6643	6827	3.65	cps
Arsenic	75-2	183	228	152	188	20.33	cps
Barium	135-1	15768	16535	16060	16121	2.40	cps
Barium	137-1	27895	26993	28062	27650	2.08	cps
Beryllium	9-1	267	267	217	250	11.55	cps
Bismuth	209-1	5429168	5340277	5434671	5401372	0.98	cps
Bismuth	209-2	3877990	3861158	3895804	3878317	0.45	cps
Boron	10-1	11304	10579	11713	11199	5.13	cps
Boron	11-1	55711	53512	52424	53882	3.11	cps
Bromine	81-1	22485	22076	22360	22307	0.94	cps
Bromine	81-2	130	80	80	97	29.87	cps
Cadmium	111-1	1140	1188	1033	1120	7.07	cps
Cadmium	106-1	5426	5268	5468	5387	1.96	cps
Cadmium	108-1	175	117	192	161	24.44	cps
Calcium	43-1	13094285	13308123	13297706	13233371	0.91	cps
Calcium	44-1	207128159	209069976	208491221	208229785	0.48	cps
Chromium	52-2	12299	12649	12452	12466	1.41	cps
Cobalt	59-2	8616	8699	8536	8617	0.95	cps
Copper	63-2	17532	17700	17263	17498	1.26	cps
Dysprosium	156-1	425	475	600	500	18.03	cps
Dysprosium	156-2	353	300	393	349	13.42	cps
Erbium	164-1	117	83	100	100	16.66	cps
Erbium	164-2	93	53	80	76	26.96	cps
Gadolinium	160-1	617	650	717	661	7.70	cps
Gadolinium	160-2	470	550	580	533	10.66	cps
Holmium	165-1	10231532	10214165	10474813	10306837	1.41	cps
Holmium	165-2	5976136	5900490	5912333	5929653	0.69	cps
Indium	115-1	8081926	8110916	8014398	8069080	0.61	cps
Indium	115-2	2045209	2045712	2054685	2048535	0.26	cps
Iron	54-2	33372631	33852274	33938161	33721022	0.90	cps
Iron	56-2	620366369	617220547	625308347	620965088	0.66	cps
Iron	57-2	15424424	15262194	15544665	15410428	0.92	cps
Krypton	83-1	793	760	697	750	6.55	cps
Lead	206-1	49046	47212	45327	47195	3.94	cps
Lead	207-1	43911	41810	39225	41649	5.64	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:36:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	196311	189079	182275	189222	3.71	cps
Lithium	6-1	2302954	2337300	2338224	2326159	0.86	cps
Magnesium	24-2	113850078	115195240	116367428	115137582	1.09	cps
Manganese	55-2	17741	17430	18251	17808	2.33	cps
Molybdenum	94-1	5343	5551	5059	5318	4.64	cps
Molybdenum	95-1	6143	6226	6343	6238	1.61	cps
Molybdenum	96-1	11346	11146	10663	11052	3.18	cps
Molybdenum	97-1	3626	3709	3467	3601	3.41	cps
Molybdenum	98-1	9278	8686	9036	9000	3.31	cps
Neodymium	150-1	33	13	33	27	43.31	cps
Neodymium	150-2	23	7	7	12	78.69	cps
Nickel	60-2	3811	3680	3981	3824	3.94	cps
Phosphorus	31-2	292	233	142	222	34.03	cps
Potassium	39-2	62803991	64069518	63825483	63566331	1.06	cps
Rhodium	103-1	7243527	7320173	7325643	7296448	0.63	cps
Rhodium	103-2	3889837	3906808	3902595	3899746	0.23	cps
Scandium	45-1	6220922	6267307	6291458	6259896	0.57	cps
Scandium	45-2	370566	373722	372732	372340	0.43	cps
Selenium	82-1	77	160	165	134	36.85	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	124	154	130	136	11.60	cps
Silicon	28-1	1853732	1870777	1873031	1865847	0.57	cps
Silver	109-1	4501	5118	4934	4851	6.53	cps
Silver	107-1	4959	4726	4951	4879	2.71	cps
Sodium	23-2	196676163	196883804	198974221	197511396	0.64	cps
Strontium	86-1	16351	15092	15434	15625	4.17	cps
Strontium	88-1	126100	124880	122586	124522	1.43	cps
Sulfur	34-1	606340	612839	618463	612548	0.99	cps
Terbium	159-1	10722024	10869930	10763164	10785039	0.71	cps
Terbium	159-2	5993753	5893859	6380238	6089283	4.22	cps
Thallium	203-1	800	850	717	789	8.54	cps
Thallium	205-1	1550	1759	1934	1747	10.98	cps
Thorium	232-1	6835	5774	5290	5966	13.25	cps
Tin	118-1	4292	3726	3926	3981	7.22	cps
Titanium	47-1	892	933	958	928	3.63	cps
Uranium	238-1	2459	2642	2425	2509	4.65	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:36:20	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	583	513	547	548	6.39	cps
Yttrium	89-1	11971830	11942128	12063024	11992327	0.53	cps
Yttrium	89-2	2200323	2204338	2200674	2201778	0.10	cps
Zinc	66-2	15608	16036	15989	15878	1.48	cps
Zirconium	90-1	4709	4392	4801	4634	4.62	cps
Zirconium	91-1	925	1033	1008	989	5.74	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:46:38 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56005	56841	53337	55395	3.30	cps
Antimony	121-1	1502938	1484690	1501034	1496220	0.67	cps
Arsenic	75-2	73923	72987	71441	72784	1.72	cps
Barium	135-1	186502	182246	188098	185615	1.63	cps
Barium	137-1	322188	319547	323529	321755	0.63	cps
Beryllium	9-1	167725	168107	165693	167175	0.78	cps
Bismuth	209-1	6080532	6060378	6093194	6078034	0.27	cps
Bismuth	209-2	4403041	4411487	4444298	4419609	0.49	cps
Boron	10-1	134207	134937	135763	134969	0.58	cps
Boron	11-1	651162	655552	664868	657194	1.07	cps
Bromine	81-1	22476	22309	22435	22407	0.39	cps
Bromine	81-2	60	90	90	80	21.65	cps
Cadmium	111-1	437904	439762	435205	437623	0.52	cps
Cadmium	106-1	51394	51904	53025	52107	1.60	cps
Cadmium	108-1	27990	27560	28090	27880	1.01	cps
Calcium	43-1	62080	63586	63495	63054	1.34	cps
Calcium	44-1	974743	963421	974621	970928	0.67	cps
Chromium	52-2	317532	319937	310133	315867	1.62	cps
Cobalt	59-2	497403	497626	486511	493847	1.29	cps
Copper	63-2	389588	393549	377032	386723	2.23	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	20	27	23	23	14.29	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	40	33	23	32	26.04	cps
Gadolinium	160-1	142	75	133	117	31.14	cps
Gadolinium	160-2	143	120	140	134	9.39	cps
Holmium	165-1	10475347	10558642	10856111	10630033	1.88	cps
Holmium	165-2	6548020	6609659	6574064	6577248	0.47	cps
Indium	115-1	8713986	8740888	8827812	8760895	0.68	cps
Indium	115-2	2164740	2168436	2157425	2163534	0.26	cps
Iron	54-2	300766	303787	294058	299537	1.66	cps
Iron	56-2	5273035	5289549	5122972	5228519	1.76	cps
Iron	57-2	132227	131292	126786	130102	2.24	cps
Krypton	83-1	703	770	713	729	4.93	cps
Lead	206-1	1275652	1257936	1282732	1272107	1.00	cps
Lead	207-1	1023201	1033725	1033304	1030077	0.58	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:46:38	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4898947	4864359	4926530	4896612	0.64	cps
Lithium	6-1	2533943	2524008	2544033	2533995	0.40	cps
Magnesium	24-2	287585	287299	281676	285520	1.17	cps
Manganese	55-2	229104	230828	220521	226818	2.43	cps
Molybdenum	94-1	9293985	9163780	9251688	9236484	0.72	cps
Molybdenum	95-1	11032394	10875190	10980611	10962731	0.73	cps
Molybdenum	96-1	12187655	12210203	12220062	12205973	0.14	cps
Molybdenum	97-1	6803781	6697060	6755019	6751953	0.79	cps
Molybdenum	98-1	17210595	17051562	17214318	17158825	0.54	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	130090	131459	127421	129657	1.58	cps
Phosphorus	31-2	150	158	150	153	3.15	cps
Potassium	39-2	603288	609100	598855	603747	0.85	cps
Rhodium	103-1	8217918	8286116	8326002	8276679	0.66	cps
Rhodium	103-2	4414434	4398039	4398430	4403635	0.21	cps
Scandium	45-1	6559519	6460770	6558566	6526285	0.87	cps
Scandium	45-2	374783	376472	373733	374996	0.37	cps
Selenium	82-1	30471	29840	30931	30414	1.80	cps
Selenium	77-2	1820	1920	1800	1847	3.48	cps
Selenium	78-2	6062	6240	6036	6113	1.81	cps
Silicon	28-1	4801105	4876228	5023611	4900314	2.31	cps
Silver	109-1	455032	450570	453332	452978	0.50	cps
Silver	107-1	477786	480760	487819	482121	1.07	cps
Sodium	23-2	890808	889750	879323	886627	0.72	cps
Strontium	86-1	1566217	1545906	1568123	1560082	0.79	cps
Strontium	88-1	13936332	13676276	13938595	13850401	1.09	cps
Sulfur	34-1	657789	651056	643183	650676	1.12	cps
Terbium	159-1	10930674	11052292	11074130	11019032	0.70	cps
Terbium	159-2	6750028	6613718	6691547	6685098	1.02	cps
Thallium	203-1	1464517	1462337	1484213	1470356	0.82	cps
Thallium	205-1	3507020	3488116	3547730	3514289	0.87	cps
Thorium	232-1	8089584	8078044	8163504	8110377	0.57	cps
Tin	118-1	3504156	3525431	3531079	3520222	0.40	cps
Titanium	47-1	3371782	3327274	3359113	3352723	0.68	cps
Uranium	238-1	13275719	13550478	13510752	13445650	1.10	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:46:38	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	261038	262871	256219	260043	1.32	cps
Yttrium	89-1	12607494	12402887	12784208	12598196	1.51	cps
Yttrium	89-2	2256719	2262789	2265762	2261757	0.20	cps
Zinc	66-2	108868	109664	105380	107970	2.11	cps
Zirconium	90-1	8296111	8203093	8280347	8259850	0.60	cps
Zirconium	91-1	1822948	1780127	1798487	1800521	1.19	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 13:50:47 DataFile Name : 012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2492	2492	2350	2445	3.35	cps
Antimony	121-1	15459	14933	14958	15117	1.96	cps
Arsenic	75-2	391	343	359	364	6.71	cps
Barium	135-1	17294	18012	18037	17781	2.37	cps
Barium	137-1	31637	31319	30559	31172	1.78	cps
Beryllium	9-1	1578	1933	1761	1758	10.12	cps
Bismuth	209-1	6135732	5982216	6161727	6093225	1.59	cps
Bismuth	209-2	4400662	4367626	4376941	4381743	0.39	cps
Boron	10-1	11204	11263	10754	11074	2.51	cps
Boron	11-1	52901	53060	52006	52656	1.08	cps
Bromine	81-1	21617	22034	21466	21706	1.35	cps
Bromine	81-2	40	30	40	37	15.75	cps
Cadmium	111-1	4883	5270	5259	5137	4.29	cps
Cadmium	106-1	5585	5318	5560	5487	2.69	cps
Cadmium	108-1	213	263	175	217	20.26	cps
Calcium	43-1	13773	13924	13798	13832	0.58	cps
Calcium	44-1	240928	239222	238240	239463	0.57	cps
Chromium	52-2	7455	7715	7339	7503	2.57	cps
Cobalt	59-2	5044	4868	4914	4942	1.85	cps
Copper	63-2	10182	9742	9931	9952	2.22	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	25	25	58	36	53.29	cps
Erbium	164-2	37	33	27	32	15.80	cps
Gadolinium	160-1	117	150	175	147	19.88	cps
Gadolinium	160-2	130	163	137	143	12.31	cps
Holmium	165-1	10620359	10543803	10551237	10571800	0.40	cps
Holmium	165-2	6514141	6454087	6430783	6466337	0.67	cps
Indium	115-1	8809588	8756216	8841983	8802596	0.49	cps
Indium	115-2	2207470	2198154	2176780	2194134	0.72	cps
Iron	54-2	9302	9493	9363	9386	1.04	cps
Iron	56-2	150136	149164	147846	149049	0.77	cps
Iron	57-2	3823	3967	3756	3849	2.81	cps
Krypton	83-1	667	770	850	762	12.06	cps
Lead	206-1	6969	6980	6957	6969	0.16	cps
Lead	207-1	5857	6063	5507	5809	4.84	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:50:47	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	27211	27044	26761	27006	0.84	cps
Lithium	6-1	2495037	2494189	2538126	2509117	1.00	cps
Magnesium	24-2	121120	123169	118607	120965	1.89	cps
Manganese	55-2	2244	2214	2270	2242	1.26	cps
Molybdenum	94-1	16552	17686	17369	17202	3.40	cps
Molybdenum	95-1	20874	20849	20757	20827	0.30	cps
Molybdenum	96-1	23445	23002	22861	23103	1.32	cps
Molybdenum	97-1	12581	13298	12839	12906	2.82	cps
Molybdenum	98-1	33264	32680	33056	33000	0.90	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	1420	1520	1393	1445	4.62	cps
Phosphorus	31-2	83	183	200	156	40.56	cps
Potassium	39-2	208805	207748	205621	207392	0.78	cps
Rhodium	103-1	8232272	8345826	8252661	8276920	0.73	cps
Rhodium	103-2	4401850	4426141	4419606	4415865	0.28	cps
Scandium	45-1	6576722	6373554	6651599	6533958	2.20	cps
Scandium	45-2	374669	375759	375201	375210	0.15	cps
Selenium	82-1	882	805	597	761	19.35	cps
Selenium	77-2	43	27	40	37	24.04	cps
Selenium	78-2	280	293	296	290	3.02	cps
Silicon	28-1	1046678	1030895	1040968	1039514	0.77	cps
Silver	109-1	9153	9353	8578	9028	4.46	cps
Silver	107-1	9595	9362	9445	9467	1.25	cps
Sodium	23-2	257023	256591	254296	255970	0.57	cps
Strontium	86-1	3801	3801	3917	3840	1.76	cps
Strontium	88-1	22860	24062	24455	23792	3.49	cps
Sulfur	34-1	647003	649044	649551	648533	0.21	cps
Terbium	159-1	11019658	11141502	11117918	11093026	0.58	cps
Terbium	159-2	6528229	6490266	6607924	6542140	0.92	cps
Thallium	203-1	6527	6769	6677	6657	1.83	cps
Thallium	205-1	15042	15710	15993	15582	3.13	cps
Thorium	232-1	1767	1778	1506	1683	9.15	cps
Tin	118-1	31243	31469	30701	31138	1.27	cps
Titanium	47-1	6602	5835	6060	6165	6.39	cps
Uranium	238-1	19399	18472	19132	19001	2.51	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 13:50:47	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13299	13476	12819	13198	2.58	cps
Yttrium	89-1	12630039	12547437	12619834	12599103	0.36	cps
Yttrium	89-2	2251701	2246530	2267548	2255260	0.49	cps
Zinc	66-2	2060	2174	2010	2081	4.02	cps
Zirconium	90-1	14933	14875	14758	14855	0.60	cps
Zirconium	91-1	3184	3442	3459	3362	4.59	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:01:44 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	58	108	92	31.50	cps
Antimony	121-1	192	183	192	189	2.55	cps
Arsenic	75-2	6	7	2	5	57.32	cps
Barium	135-1	50	33	33	39	24.75	cps
Barium	137-1	58	67	50	58	14.29	cps
Beryllium	9-1	83	94	89	89	6.25	cps
Bismuth	209-1	5996503	5912646	5937852	5949000	0.72	cps
Bismuth	209-2	4313677	4302710	4316201	4310863	0.17	cps
Boron	10-1	2900	2967	3192	3020	5.06	cps
Boron	11-1	15083	14874	15283	15080	1.36	cps
Bromine	81-1	21032	22969	22476	22159	4.54	cps
Bromine	81-2	50	70	50	57	20.38	cps
Cadmium	111-1	182	205	179	189	7.54	cps
Cadmium	106-1	5585	5385	4809	5259	7.65	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	358	325	317	333	6.61	cps
Calcium	44-1	22117	22159	22367	22214	0.60	cps
Chromium	52-2	1040	1173	1267	1160	9.82	cps
Cobalt	59-2	40	47	40	42	9.12	cps
Copper	63-2	1123	1297	1151	1190	7.88	cps
Dysprosium	156-1	0	50	33	28	91.65	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	20	10	33	21	55.45	cps
Gadolinium	160-1	58	92	25	58	57.15	cps
Gadolinium	160-2	120	93	127	113	15.57	cps
Holmium	165-1	10251948	10402279	10584891	10413039	1.60	cps
Holmium	165-2	6476845	6557440	6236742	6423676	2.60	cps
Indium	115-1	8803794	8770400	8819535	8797910	0.29	cps
Indium	115-2	2174868	2168697	2187030	2176865	0.43	cps
Iron	54-2	1472	1522	1542	1512	2.39	cps
Iron	56-2	9575	9970	9648	9731	2.16	cps
Iron	57-2	394	439	511	448	13.14	cps
Krypton	83-1	727	753	780	753	3.54	cps
Lead	206-1	733	717	867	772	10.65	cps
Lead	207-1	733	783	600	706	13.43	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:01:44 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3184	2984	3145	3104	3.42	cps
Lithium	6-1	2539871	2498652	2497710	2512077	0.96	cps
Magnesium	24-2	633	500	717	617	17.72	cps
Manganese	55-2	97	137	87	107	24.80	cps
Molybdenum	94-1	425	258	350	344	24.23	cps
Molybdenum	95-1	192	158	167	172	10.07	cps
Molybdenum	96-1	192	200	242	211	12.69	cps
Molybdenum	97-1	108	75	75	86	22.35	cps
Molybdenum	98-1	292	258	242	264	9.65	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	57	93	74	24.66	cps
Phosphorus	31-2	158	167	108	144	21.84	cps
Potassium	39-2	75826	74093	72811	74243	2.04	cps
Rhodium	103-1	8387040	8280621	8248856	8305506	0.87	cps
Rhodium	103-2	4386888	4402699	4429761	4406449	0.49	cps
Scandium	45-1	6561691	6585424	6492684	6546600	0.74	cps
Scandium	45-2	377030	377787	380124	378314	0.43	cps
Selenium	82-1	72	-46	-39	-4	-1518.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	144	150	150	148	2.16	cps
Silicon	28-1	900178	910775	956081	922345	3.22	cps
Silver	109-1	142	225	133	167	30.41	cps
Silver	107-1	175	417	233	275	45.86	cps
Sodium	23-2	39636	38918	38074	38876	2.01	cps
Strontium	86-1	1317	1000	1300	1206	14.78	cps
Strontium	88-1	225	383	225	278	32.91	cps
Sulfur	34-1	680890	679587	685290	681923	0.44	cps
Terbium	159-1	11166062	11084927	10938973	11063321	1.04	cps
Terbium	159-2	6535825	6581508	6628222	6581852	0.70	cps
Thallium	203-1	33	75	50	53	39.74	cps
Thallium	205-1	167	92	100	119	34.42	cps
Thorium	232-1	728	661	672	687	5.20	cps
Tin	118-1	975	867	975	939	6.66	cps
Titanium	47-1	208	275	217	233	15.57	cps
Uranium	238-1	50	42	92	61	43.83	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:01:44	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	12600011	12605570	12410354	12538645	0.89	cps
Yttrium	89-2	2249288	2263761	2264967	2259338	0.39	cps
Zinc	66-2	430	387	427	414	5.82	cps
Zirconium	90-1	817	658	758	744	10.76	cps
Zirconium	91-1	117	175	117	136	24.75	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:05:16 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10219127	10212636	10289163	10240309	0.41	cps
Antimony	121-1	8344	8628	8845	8606	2.92	cps
Arsenic	75-2	96	128	141	122	18.79	cps
Barium	135-1	2967	2734	2417	2706	10.20	cps
Barium	137-1	4459	4659	4568	4562	2.20	cps
Beryllium	9-1	594	500	544	546	8.65	cps
Bismuth	209-1	5824197	5750252	5806548	5793665	0.67	cps
Bismuth	209-2	4140920	4148397	4243626	4177648	1.37	cps
Boron	10-1	2884	2892	2684	2820	4.18	cps
Boron	11-1	15008	14299	13815	14374	4.17	cps
Bromine	81-1	23436	23995	23829	23753	1.21	cps
Bromine	81-2	250	140	180	190	29.30	cps
Cadmium	111-1	2253	1802	1763	1940	14.03	cps
Cadmium	106-1	4976	5426	4776	5059	6.58	cps
Cadmium	108-1	2454	2521	2496	2491	1.35	cps
Calcium	43-1	2745420	2715360	2678899	2713226	1.23	cps
Calcium	44-1	42303988	41689335	41144071	41712465	1.39	cps
Chromium	52-2	62890	62120	61906	62305	0.83	cps
Cobalt	59-2	5885	5695	5674	5751	2.02	cps
Copper	63-2	32754	33650	32772	33059	1.55	cps
Dysprosium	156-1	25	50	83	53	55.46	cps
Dysprosium	156-2	23	27	33	28	18.33	cps
Erbium	164-1	83	83	142	103	32.76	cps
Erbium	164-2	33	37	23	31	22.31	cps
Gadolinium	160-1	100	108	100	103	4.68	cps
Gadolinium	160-2	197	167	143	169	15.83	cps
Holmium	165-1	10735576	10675153	10825268	10745332	0.70	cps
Holmium	165-2	6582594	6699007	6665709	6649103	0.90	cps
Indium	115-1	8826744	8614746	8765094	8735528	1.25	cps
Indium	115-2	2127827	2133196	2174267	2145097	1.18	cps
Iron	54-2	13967909	13928910	13822297	13906372	0.54	cps
Iron	56-2	258003811	258857717	257323978	258061835	0.30	cps
Iron	57-2	6355816	6344681	6335668	6345388	0.16	cps
Krypton	83-1	707	773	707	729	5.28	cps
Lead	206-1	24740	24189	24167	24365	1.33	cps
Lead	207-1	18680	18257	18380	18439	1.18	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:05:16 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	91211	88069	88983	89421	1.81	cps
Lithium	6-1	2532469	2482846	2491116	2502144	1.06	cps
Magnesium	24-2	22219952	22204149	22249440	22224514	0.10	cps
Manganese	55-2	14484	15325	14507	14772	3.24	cps
Molybdenum	94-1	4510924	4491376	4442297	4481532	0.79	cps
Molybdenum	95-1	8004279	7914562	7918737	7945859	0.64	cps
Molybdenum	96-1	8618415	8457076	8506739	8527410	0.97	cps
Molybdenum	97-1	4855889	4839143	4815231	4836754	0.42	cps
Molybdenum	98-1	12404783	12603729	12333440	12447317	1.13	cps
Neodymium	150-1	47	47	53	49	7.86	cps
Neodymium	150-2	27	7	17	17	59.99	cps
Nickel	60-2	6762	6688	6778	6743	0.71	cps
Phosphorus	31-2	654489	654594	656356	655146	0.16	cps
Potassium	39-2	25190232	25280900	25110304	25193812	0.34	cps
Rhodium	103-1	8246235	8008894	7914775	8056635	2.12	cps
Rhodium	103-2	4215399	4221331	4308926	4248552	1.23	cps
Scandium	45-1	6708221	6559206	6637056	6634827	1.12	cps
Scandium	45-2	372632	377099	379632	376454	0.94	cps
Selenium	82-1	181	16	54	83	103.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	126	148	145	12.26	cps
Silicon	28-1	1029519	1017098	1021825	1022814	0.61	cps
Silver	109-1	2309	2192	2184	2228	3.14	cps
Silver	107-1	2409	2300	2434	2381	2.98	cps
Sodium	23-2	39339584	39816964	39971667	39709405	0.83	cps
Strontium	86-1	95163	93403	92957	93841	1.24	cps
Strontium	88-1	807070	790309	789162	795514	1.26	cps
Sulfur	34-1	5392923	5253382	5138836	5261714	2.42	cps
Terbium	159-1	11281334	11226393	11179394	11229040	0.45	cps
Terbium	159-2	6701064	6447014	6682204	6610094	2.14	cps
Thallium	203-1	233	217	183	211	12.06	cps
Thallium	205-1	567	542	492	533	7.16	cps
Thorium	232-1	750	700	622	691	9.32	cps
Tin	118-1	1758	1834	1742	1778	2.75	cps
Titanium	47-1	2472293	2486495	2466143	2474977	0.42	cps
Uranium	238-1	392	450	400	414	7.62	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:05:16	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	510	503	493	502	1.67	cps
Yttrium	89-1	12999052	12613819	12675799	12762890	1.62	cps
Yttrium	89-2	2252726	2266568	2312307	2277201	1.37	cps
Zinc	66-2	6542	6461	6205	6403	2.75	cps
Zirconium	90-1	1067	950	1117	1045	8.19	cps
Zirconium	91-1	175	175	175	175	0.00	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:08:44	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10460135	10523853	10305914	10429967	1.07	cps
Antimony	121-1	160095	161494	158627	160072	0.90	cps
Arsenic	75-2	7428	7369	7233	7343	1.36	cps
Barium	135-1	38170	41496	39223	39629	4.29	cps
Barium	137-1	69775	67933	68209	68639	1.45	cps
Beryllium	9-1	32746	33682	33793	33407	1.72	cps
Bismuth	209-1	5802776	5746068	5738428	5762424	0.61	cps
Bismuth	209-2	4134706	4157205	4206129	4166013	0.88	cps
Boron	10-1	23369	23344	23343	23352	0.06	cps
Boron	11-1	115387	112491	117049	114976	2.01	cps
Bromine	81-1	25097	24204	24029	24443	2.34	cps
Bromine	81-2	120	190	150	153	22.91	cps
Cadmium	111-1	86238	87011	87122	86790	0.55	cps
Cadmium	106-1	13357	13282	13473	13370	0.72	cps
Cadmium	108-1	6806	6977	6964	6916	1.38	cps
Calcium	43-1	2753710	2712507	2708431	2724883	0.92	cps
Calcium	44-1	42074320	41251296	41340361	41555326	1.09	cps
Chromium	52-2	126994	126833	124758	126195	0.99	cps
Cobalt	59-2	104639	104488	102884	104004	0.94	cps
Copper	63-2	108093	108095	107341	107843	0.40	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	30	17	17	21	36.45	cps
Erbium	164-1	58	67	133	86	47.74	cps
Erbium	164-2	30	53	27	37	39.62	cps
Gadolinium	160-1	100	133	100	111	17.32	cps
Gadolinium	160-2	137	167	133	146	12.61	cps
Holmium	165-1	10970165	10875804	10932330	10926100	0.43	cps
Holmium	165-2	6568958	6648781	6707023	6641587	1.04	cps
Indium	115-1	8642070	8728885	8557506	8642820	0.99	cps
Indium	115-2	2168102	2136072	2169526	2157900	0.88	cps
Iron	54-2	14151638	14069695	13897464	14039599	0.92	cps
Iron	56-2	262023139	260249934	257695917	259989663	0.84	cps
Iron	57-2	6467740	6471761	6391195	6443565	0.70	cps
Krypton	83-1	850	740	777	789	7.10	cps
Lead	206-1	158418	155778	155720	156638	0.98	cps
Lead	207-1	127592	127811	126783	127395	0.43	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:08:44 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	600689	597970	595100	597920	0.47	cps
Lithium	6-1	2500370	2526738	2493461	2506856	0.70	cps
Magnesium	24-2	22500861	22481280	22202496	22394879	0.75	cps
Manganese	55-2	54751	55635	54748	55045	0.93	cps
Molybdenum	94-1	5213840	5245039	5165323	5208067	0.77	cps
Molybdenum	95-1	8386936	8367082	8235014	8329677	0.99	cps
Molybdenum	96-1	9046101	8963910	8955505	8988505	0.56	cps
Molybdenum	97-1	5146974	5101754	5057206	5101978	0.88	cps
Molybdenum	98-1	13455821	13030738	12994581	13160380	1.95	cps
Neodymium	150-1	20	53	13	29	74.19	cps
Neodymium	150-2	27	7	30	21	59.77	cps
Nickel	60-2	31374	31758	31280	31470	0.80	cps
Phosphorus	31-2	664307	661450	653849	659869	0.82	cps
Potassium	39-2	25459165	25538455	25585578	25527733	0.25	cps
Rhodium	103-1	8211209	8192131	8080771	8161371	0.86	cps
Rhodium	103-2	4270116	4233955	4292807	4265626	0.70	cps
Scandium	45-1	6637423	6608640	6695726	6647263	0.67	cps
Scandium	45-2	382094	381689	386347	383377	0.67	cps
Selenium	82-1	2958	3038	3083	3026	2.10	cps
Selenium	77-2	147	187	150	161	13.78	cps
Selenium	78-2	704	713	719	712	1.05	cps
Silicon	28-1	1625948	1631093	1618848	1625296	0.38	cps
Silver	109-1	172329	172170	171712	172070	0.19	cps
Silver	107-1	187297	180681	182400	183459	1.87	cps
Sodium	23-2	40642805	40569560	40203881	40472082	0.58	cps
Strontium	86-1	360807	359202	353158	357722	1.13	cps
Strontium	88-1	3110831	3097798	3034318	3080982	1.33	cps
Sulfur	34-1	5319274	5310069	5340370	5323238	0.29	cps
Terbium	159-1	11366994	11366056	11433954	11389001	0.34	cps
Terbium	159-2	6768888	6546958	6749481	6688442	1.84	cps
Thallium	203-1	130214	127775	130062	129350	1.06	cps
Thallium	205-1	302362	305717	303166	303748	0.58	cps
Thorium	232-1	20138	21012	19788	20313	3.10	cps
Tin	118-1	583782	592569	585644	587332	0.79	cps
Titanium	47-1	2636323	2604769	2590650	2610581	0.90	cps
Uranium	238-1	1827369	1840533	1825442	1831115	0.45	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:08:44	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	52918	53326	53239	53161	0.40	cps
Yttrium	89-1	12737926	12833146	12836618	12802563	0.44	cps
Yttrium	89-2	2296843	2274681	2298490	2290005	0.58	cps
Zinc	66-2	17551	17240	17350	17380	0.91	cps
Zirconium	90-1	1394284	1388051	1394627	1392321	0.27	cps
Zirconium	91-1	314191	311253	312151	312531	0.48	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:12:11	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6962502	6931263	6767031	6886932	1.52	cps
Antimony	121-1	3585658	3520034	3529806	3545166	1.00	cps
Arsenic	75-2	171074	171397	169534	170668	0.58	cps
Barium	135-1	4349428	4276801	4309478	4311903	0.84	cps
Barium	137-1	8038644	7919175	7888707	7948842	1.00	cps
Beryllium	9-1	785763	783495	784821	784693	0.15	cps
Bismuth	209-1	4444161	5219262	5411029	5024817	10.19	cps
Bismuth	209-2	3952976	3881625	3880238	3904946	1.07	cps
Boron	10-1	99600	99256	101539	100132	1.23	cps
Boron	11-1	491854	490401	500459	494238	1.10	cps
Bromine	81-1	22084	22459	22885	22476	1.78	cps
Bromine	81-2	110	100	120	110	9.09	cps
Cadmium	111-1	2033467	2020831	2016289	2023529	0.44	cps
Cadmium	106-1	112771	113560	113248	113193	0.35	cps
Cadmium	108-1	74113	71805	73107	73008	1.58	cps
Calcium	43-1	6909792	6707727	6706500	6774673	1.73	cps
Calcium	44-1	106447773	106674034	104560142	105893983	1.10	cps
Chromium	52-2	1529103	1521078	1521742	1523974	0.29	cps
Cobalt	59-2	2269640	2279344	2266226	2271737	0.30	cps
Copper	63-2	18112395	17960068	18006088	18026184	0.43	cps
Dysprosium	156-1	408	375	333	372	10.09	cps
Dysprosium	156-2	280	260	223	254	11.30	cps
Erbium	164-1	100	50	67	72	35.25	cps
Erbium	164-2	53	67	37	52	28.78	cps
Gadolinium	160-1	475	300	342	372	24.56	cps
Gadolinium	160-2	273	287	287	282	2.73	cps
Holmium	165-1	8474867	9947402	10229854	9550707	9.87	cps
Holmium	165-2	6438868	5941644	6483704	6288072	4.78	cps
Indium	115-1	6671342	7960788	8201034	7611055	10.81	cps
Indium	115-2	2067938	2062801	2039935	2056891	0.72	cps
Iron	54-2	18914814	18587636	18858470	18786973	0.93	cps
Iron	56-2	345713841	347082486	348426586	347074304	0.39	cps
Iron	57-2	8591207	8612070	8426293	8543190	1.19	cps
Krypton	83-1	813	823	743	793	5.49	cps
Lead	206-1	14567989	14297255	14170803	14345349	1.41	cps
Lead	207-1	12931152	12662803	12659156	12751037	1.22	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:12:11	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	58485611	57669526	57446080	57867072	0.95	cps
Lithium	6-1	2009435	2284997	2354930	2216454	8.24	cps
Magnesium	24-2	61781474	60838901	59322299	60647558	2.05	cps
Manganese	55-2	9741363	9766854	9790920	9766379	0.25	cps
Molybdenum	94-1	8347270	8260915	8209962	8272716	0.84	cps
Molybdenum	95-1	10033095	9916536	9976745	9975459	0.58	cps
Molybdenum	96-1	11124689	11026659	10977005	11042784	0.68	cps
Molybdenum	97-1	6158841	6189149	6076239	6141410	0.95	cps
Molybdenum	98-1	15613508	15646428	15447159	15569031	0.69	cps
Neodymium	150-1	440	393	413	416	5.63	cps
Neodymium	150-2	43	40	57	47	18.90	cps
Nickel	60-2	586761	590355	583511	586876	0.58	cps
Phosphorus	31-2	67117	68256	65377	66917	2.17	cps
Potassium	39-2	35987212	35675409	35894509	35852377	0.45	cps
Rhodium	103-1	6254022	7311826	7533520	7033123	9.72	cps
Rhodium	103-2	4039150	4018964	3993619	4017244	0.57	cps
Scandium	45-1	5112539	6084892	6257318	5818250	10.61	cps
Scandium	45-2	375285	375449	371282	374005	0.63	cps
Selenium	82-1	71385	70560	70893	70946	0.59	cps
Selenium	77-2	4251	4327	4357	4312	1.28	cps
Selenium	78-2	15011	14570	14229	14604	2.69	cps
Silicon	28-1	5510231	5710665	5817509	5679468	2.75	cps
Silver	109-1	4473428	4389793	4386459	4416560	1.12	cps
Silver	107-1	4740932	4632709	4674663	4682768	1.17	cps
Sodium	23-2	104167723	104162973	103171338	103834011	0.55	cps
Strontium	86-1	1314756	1300030	1297256	1304014	0.72	cps
Strontium	88-1	11772399	11598980	11364962	11578781	1.77	cps
Sulfur	34-1	1047870	1052842	1058266	1052993	0.49	cps
Terbium	159-1	9007298	10399134	10783030	10063154	9.28	cps
Terbium	159-2	6589300	6469855	5965258	6341471	5.22	cps
Thallium	203-1	3006755	2985401	2960340	2984165	0.78	cps
Thallium	205-1	7937280	8012716	7955928	7968641	0.49	cps
Thorium	232-1	12465850	12140004	12018930	12208261	1.89	cps
Tin	118-1	2905194	2839611	2843766	2862857	1.28	cps
Titanium	47-1	3042239	2942530	2944242	2976337	1.92	cps
Uranium	238-1	11263279	10893155	10669501	10941979	2.74	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:12:11	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1311465	1304937	1293885	1303429	0.68	cps
Yttrium	89-1	9922534	12037315	12172361	11377403	11.09	cps
Yttrium	89-2	2232598	2221397	2192293	2215429	0.94	cps
Zinc	66-2	2675748	2662200	2653202	2663717	0.43	cps
Zirconium	90-1	7046122	6972444	6886712	6968426	1.14	cps
Zirconium	91-1	1557303	1534674	1514019	1535332	1.41	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:19:27 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	175	150	161	7.90	cps
Antimony	121-1	483	517	467	489	5.21	cps
Arsenic	75-2	20	9	13	14	39.85	cps
Barium	135-1	67	67	33	56	34.65	cps
Barium	137-1	50	108	92	83	36.06	cps
Beryllium	9-1	94	83	67	81	17.16	cps
Bismuth	209-1	5885750	5861482	5931993	5893075	0.61	cps
Bismuth	209-2	4230761	4280246	4284299	4265102	0.70	cps
Boron	10-1	3300	3551	3400	3417	3.68	cps
Boron	11-1	17469	17252	17060	17260	1.18	cps
Bromine	81-1	21525	21917	22301	21914	1.77	cps
Bromine	81-2	70	120	70	87	33.31	cps
Cadmium	111-1	213	183	148	181	18.07	cps
Cadmium	106-1	4984	4884	5268	5045	3.94	cps
Cadmium	108-1	17	4	25	15	68.61	cps
Calcium	43-1	458	283	375	372	23.52	cps
Calcium	44-1	22968	22952	23227	23049	0.67	cps
Chromium	52-2	1300	1257	1263	1273	1.83	cps
Cobalt	59-2	70	60	40	57	26.96	cps
Copper	63-2	1442	1410	1447	1433	1.41	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	17	27	30	24	28.38	cps
Gadolinium	160-1	83	108	117	103	16.88	cps
Gadolinium	160-2	127	120	123	123	2.70	cps
Holmium	165-1	10232027	10600363	10385236	10405875	1.78	cps
Holmium	165-2	6460388	6556176	6490653	6502406	0.75	cps
Indium	115-1	8647051	8880878	8800038	8775989	1.35	cps
Indium	115-2	2169333	2185197	2179456	2177995	0.37	cps
Iron	54-2	1392	1752	1442	1528	12.77	cps
Iron	56-2	11355	11944	11583	11627	2.56	cps
Iron	57-2	461	439	433	444	3.31	cps
Krypton	83-1	767	697	783	749	6.14	cps
Lead	206-1	2861	2295	2478	2545	11.36	cps
Lead	207-1	2161	2422	1945	2176	11.00	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:19:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10407	9785	9424	9872	5.04	cps
Lithium	6-1	2508683	2498652	2503693	2503676	0.20	cps
Magnesium	24-2	917	1033	892	947	7.98	cps
Manganese	55-2	160	167	153	160	4.17	cps
Molybdenum	94-1	575	450	492	506	12.59	cps
Molybdenum	95-1	325	342	275	314	11.05	cps
Molybdenum	96-1	342	442	317	367	18.04	cps
Molybdenum	97-1	125	225	242	197	31.99	cps
Molybdenum	98-1	475	350	400	408	15.41	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	100	93	90	13.35	cps
Phosphorus	31-2	142	167	183	164	12.80	cps
Potassium	39-2	79856	79085	80249	79730	0.74	cps
Rhodium	103-1	8386877	8319454	8343421	8349918	0.41	cps
Rhodium	103-2	4391727	4405408	4404199	4400445	0.17	cps
Scandium	45-1	6522474	6451997	6382254	6452242	1.09	cps
Scandium	45-2	370467	375526	374566	373520	0.72	cps
Selenium	82-1	-22	27	-14	-3	-818.22	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	146	139	139	141	3.03	cps
Silicon	28-1	923854	928514	927424	926597	0.26	cps
Silver	109-1	167	233	200	200	16.67	cps
Silver	107-1	325	200	258	261	23.95	cps
Sodium	23-2	46079	45244	44633	45319	1.60	cps
Strontium	86-1	1208	1225	1292	1242	3.55	cps
Strontium	88-1	275	275	242	264	7.29	cps
Sulfur	34-1	666801	678818	669929	671849	0.93	cps
Terbium	159-1	11082786	10903634	10921360	10969260	0.90	cps
Terbium	159-2	6586264	6658647	6639234	6628049	0.57	cps
Thallium	203-1	175	292	142	203	38.84	cps
Thallium	205-1	317	483	317	372	25.85	cps
Thorium	232-1	733	672	733	713	4.95	cps
Tin	118-1	1092	1158	1117	1122	3.00	cps
Titanium	47-1	183	142	208	178	18.94	cps
Uranium	238-1	58	75	83	72	17.63	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:19:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	27	13	20	33.35	cps
Yttrium	89-1	12559631	12395894	12543704	12499743	0.72	cps
Yttrium	89-2	2240592	2254185	2230371	2241716	0.53	cps
Zinc	66-2	407	467	500	458	10.33	cps
Zirconium	90-1	950	842	708	833	14.53	cps
Zirconium	91-1	142	108	150	133	16.53	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:22:58 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2225	2292	2034	2184	6.14	cps
Antimony	121-1	13473	14333	14808	14205	4.76	cps
Arsenic	75-2	363	330	357	350	5.10	cps
Barium	135-1	16135	16435	16410	16327	1.02	cps
Barium	137-1	28655	28330	29022	28669	1.21	cps
Beryllium	9-1	1545	1528	1645	1572	4.01	cps
Bismuth	209-1	5890388	5833235	5979427	5901017	1.25	cps
Bismuth	209-2	4232218	4256001	4213029	4233749	0.51	cps
Boron	10-1	7777	6885	7352	7338	6.08	cps
Boron	11-1	36294	36787	37338	36806	1.42	cps
Bromine	81-1	22560	23286	22376	22741	2.12	cps
Bromine	81-2	50	70	60	60	16.67	cps
Cadmium	111-1	4576	4700	4810	4695	2.50	cps
Cadmium	106-1	5476	5618	5635	5576	1.56	cps
Cadmium	108-1	179	158	192	176	9.55	cps
Calcium	43-1	12739	13081	13023	12948	1.41	cps
Calcium	44-1	221216	218113	222111	220480	0.95	cps
Chromium	52-2	6952	6585	6855	6797	2.80	cps
Cobalt	59-2	4387	4854	4534	4592	5.20	cps
Copper	63-2	8831	8608	8542	8660	1.75	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	43	27	27	32	29.85	cps
Gadolinium	160-1	125	92	142	119	21.31	cps
Gadolinium	160-2	153	107	100	120	24.22	cps
Holmium	165-1	10513944	10494239	10706333	10571505	1.11	cps
Holmium	165-2	6453573	6500741	6397443	6450586	0.80	cps
Indium	115-1	8811775	8817999	8767362	8799045	0.31	cps
Indium	115-2	2158974	2151375	2163988	2158112	0.29	cps
Iron	54-2	8211	8902	8892	8668	4.57	cps
Iron	56-2	135859	135037	131229	134041	1.84	cps
Iron	57-2	3545	3245	3484	3425	4.63	cps
Krypton	83-1	720	757	770	749	3.46	cps
Lead	206-1	6385	6780	6557	6574	3.01	cps
Lead	207-1	5662	5468	5501	5544	1.88	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:22:58	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	25404	25171	25160	25245	0.55	cps
Lithium	6-1	2502450	2500092	2530624	2511056	0.68	cps
Magnesium	24-2	112619	112930	110119	111889	1.38	cps
Manganese	55-2	1943	2027	1963	1978	2.20	cps
Molybdenum	94-1	15267	15676	15542	15495	1.35	cps
Molybdenum	95-1	19055	19313	18020	18796	3.64	cps
Molybdenum	96-1	19839	20757	21149	20582	3.27	cps
Molybdenum	97-1	11221	11713	11980	11638	3.31	cps
Molybdenum	98-1	28462	29230	29456	29049	1.79	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1307	1193	1313	1271	5.31	cps
Phosphorus	31-2	125	158	175	153	16.67	cps
Potassium	39-2	197733	195512	197984	197076	0.69	cps
Rhodium	103-1	8234893	8289417	8167736	8230682	0.74	cps
Rhodium	103-2	4376134	4336037	4394995	4369055	0.69	cps
Scandium	45-1	6396004	6501181	6459073	6452086	0.82	cps
Scandium	45-2	369302	374338	370710	371450	0.70	cps
Selenium	82-1	673	635	689	666	4.20	cps
Selenium	77-2	70	67	37	58	31.77	cps
Selenium	78-2	319	280	302	300	6.50	cps
Silicon	28-1	978677	976800	970140	975206	0.46	cps
Silver	109-1	8178	8303	7919	8133	2.40	cps
Silver	107-1	8061	8928	8745	8578	5.33	cps
Sodium	23-2	240302	238814	237695	238937	0.55	cps
Strontium	86-1	3417	3509	3517	3481	1.59	cps
Strontium	88-1	20740	21249	21241	21077	1.38	cps
Sulfur	34-1	676419	677503	667543	673822	0.81	cps
Terbium	159-1	10834179	11000994	10946277	10927150	0.78	cps
Terbium	159-2	6673981	6593988	6068548	6445506	5.10	cps
Thallium	203-1	5835	5935	5793	5854	1.24	cps
Thallium	205-1	14266	13599	14600	14155	3.60	cps
Thorium	232-1	617	578	678	624	8.08	cps
Tin	118-1	29006	28338	28638	28660	1.17	cps
Titanium	47-1	6060	5768	5768	5865	2.87	cps
Uranium	238-1	16186	15952	16811	16317	2.72	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:22:58	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11988	12142	12068	12066	0.64	cps
Yttrium	89-1	12365263	12559957	12648314	12524511	1.16	cps
Yttrium	89-2	2232751	2223792	2228695	2228412	0.20	cps
Zinc	66-2	1567	1540	1473	1527	3.15	cps
Zirconium	90-1	13840	13707	13857	13801	0.60	cps
Zirconium	91-1	3250	2859	3401	3170	8.83	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : PB132751BL Instrumnet Name : P7
 Client Sample ID : PB132751BL Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:26:29 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	92	200	153	36.32	cps
Antimony	121-1	225	175	200	200	12.50	cps
Arsenic	75-2	6	15	6	9	61.79	cps
Barium	135-1	17	8	25	17	50.01	cps
Barium	137-1	67	33	33	44	43.31	cps
Beryllium	9-1	89	122	122	111	17.32	cps
Bismuth	209-1	5923043	5930482	5926937	5926821	0.06	cps
Bismuth	209-2	4281766	4276547	4225662	4261325	0.73	cps
Boron	10-1	2800	2659	2492	2650	5.82	cps
Boron	11-1	12923	13039	12155	12706	3.78	cps
Bromine	81-1	22017	22702	23895	22871	4.16	cps
Bromine	81-2	40	40	50	43	13.32	cps
Cadmium	111-1	198	222	246	222	10.85	cps
Cadmium	106-1	5401	5034	5351	5262	3.78	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	383	342	350	358	6.15	cps
Calcium	44-1	22743	22693	23077	22838	0.91	cps
Chromium	52-2	1097	1073	1143	1105	3.23	cps
Cobalt	59-2	53	20	43	39	43.98	cps
Copper	63-2	1049	903	1074	1008	9.17	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	43	17	40	33	43.58	cps
Gadolinium	160-1	100	108	92	100	8.33	cps
Gadolinium	160-2	147	133	113	131	12.79	cps
Holmium	165-1	10703493	10436115	10687976	10609195	1.41	cps
Holmium	165-2	6518170	6552994	6472338	6514501	0.62	cps
Indium	115-1	8938872	8836031	9073944	8949615	1.33	cps
Indium	115-2	2209982	2207384	2231424	2216264	0.60	cps
Iron	54-2	1492	1351	1692	1512	11.32	cps
Iron	56-2	9192	8742	8725	8886	2.98	cps
Iron	57-2	350	511	394	419	19.88	cps
Krypton	83-1	740	827	687	751	9.41	cps
Lead	206-1	1428	1211	1278	1306	8.50	cps
Lead	207-1	1078	1161	1183	1141	4.88	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : PB132751BL Instrumnet Name : P7
 Client Sample ID : PB132751BL Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:26:29 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5651	5167	5089	5302	5.73	cps
Lithium	6-1	2503697	2519904	2541201	2521601	0.75	cps
Magnesium	24-2	442	450	367	419	10.94	cps
Manganese	55-2	93	80	87	87	7.69	cps
Molybdenum	94-1	367	242	283	297	21.41	cps
Molybdenum	95-1	175	150	117	147	19.88	cps
Molybdenum	96-1	175	175	108	153	25.19	cps
Molybdenum	97-1	92	50	50	64	37.66	cps
Molybdenum	98-1	133	100	175	136	27.61	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	50	83	53	62	29.50	cps
Phosphorus	31-2	150	117	133	133	12.50	cps
Potassium	39-2	77367	76238	78331	77312	1.36	cps
Rhodium	103-1	8521487	8504376	8566516	8530793	0.38	cps
Rhodium	103-2	4451518	4446255	4504382	4467385	0.72	cps
Scandium	45-1	6631719	6605518	6667435	6634891	0.47	cps
Scandium	45-2	384123	385765	387184	385691	0.40	cps
Selenium	82-1	88	-27	94	52	131.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	163	131	156	150	10.97	cps
Silicon	28-1	930525	933258	929347	931043	0.22	cps
Silver	109-1	142	133	117	131	9.75	cps
Silver	107-1	175	233	258	222	19.24	cps
Sodium	23-2	42978	43681	42553	43071	1.32	cps
Strontium	86-1	1150	1217	1325	1231	7.18	cps
Strontium	88-1	317	250	267	278	12.49	cps
Sulfur	34-1	676368	682280	679096	679248	0.44	cps
Terbium	159-1	11086485	11185534	11274574	11182198	0.84	cps
Terbium	159-2	6582357	6599252	6706471	6629360	1.02	cps
Thallium	203-1	167	125	142	144	14.52	cps
Thallium	205-1	250	308	317	292	12.45	cps
Thorium	232-1	461	539	583	528	11.72	cps
Tin	118-1	850	767	767	794	6.06	cps
Titanium	47-1	158	242	292	231	29.22	cps
Uranium	238-1	17	25	0	14	91.65	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BL	Instrumnet Name :	P7
Client Sample ID :	PB132751BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:26:29	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	12834124	12801862	12787305	12807764	0.19	cps
Yttrium	89-2	2301214	2292479	2311881	2301858	0.42	cps
Zinc	66-2	337	360	420	372	11.55	cps
Zirconium	90-1	700	750	817	756	7.75	cps
Zirconium	91-1	183	133	117	144	24.02	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BS	Instrumnet Name :	P7
Client Sample ID :	PB132751BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:30:01	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1145309	1139739	1129831	1138293	0.69	cps
Antimony	121-1	3835812	3865678	3858919	3853470	0.41	cps
Arsenic	75-2	184532	184864	183347	184248	0.43	cps
Barium	135-1	4586603	4601202	4646396	4611400	0.68	cps
Barium	137-1	8388635	8423949	8579291	8463959	1.20	cps
Beryllium	9-1	842739	836436	837035	838736	0.41	cps
Bismuth	209-1	5767389	5739246	5806516	5771050	0.59	cps
Bismuth	209-2	4149937	4211912	4195406	4185752	0.77	cps
Boron	10-1	105289	104803	108469	106187	1.88	cps
Boron	11-1	513086	525492	528060	522213	1.53	cps
Bromine	81-1	23161	23127	23678	23322	1.32	cps
Bromine	81-2	70	70	30	57	40.75	cps
Cadmium	111-1	2185497	2191938	2197320	2191585	0.27	cps
Cadmium	106-1	122779	123055	124938	123590	0.95	cps
Cadmium	108-1	78834	80648	80216	79899	1.19	cps
Calcium	43-1	1436735	1435468	1422924	1431709	0.53	cps
Calcium	44-1	21794372	22007159	21763469	21855000	0.61	cps
Chromium	52-2	1611258	1618368	1618416	1616014	0.25	cps
Cobalt	59-2	2468524	2477185	2460233	2468647	0.34	cps
Copper	63-2	19454075	19491783	19302453	19416104	0.52	cps
Dysprosium	156-1	250	208	233	231	9.10	cps
Dysprosium	156-2	147	113	80	113	29.41	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	40	40	37	39	4.94	cps
Gadolinium	160-1	167	192	183	181	7.05	cps
Gadolinium	160-2	190	200	197	196	2.60	cps
Holmium	165-1	10625163	10870351	10810742	10768752	1.19	cps
Holmium	165-2	6545333	6581978	6693338	6606883	1.17	cps
Indium	115-1	8679875	8881182	8891945	8817667	1.35	cps
Indium	115-2	2164899	2180299	2189120	2178106	0.56	cps
Iron	54-2	3797592	3829406	3793762	3806920	0.51	cps
Iron	56-2	68605835	68429897	68544531	68526754	0.13	cps
Iron	57-2	1696849	1696021	1692220	1695030	0.15	cps
Krypton	83-1	760	693	747	733	4.81	cps
Lead	206-1	15650925	15525465	15515864	15564085	0.48	cps
Lead	207-1	14004720	13751317	13777139	13844392	1.01	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : PB132751BS Instrumnet Name : P7
 Client Sample ID : PB132751BS Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 14:30:01 DataFile Name : 022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	62886627	62557032	62355185	62599614	0.43	cps
Lithium	6-1	2496639	2501196	2510497	2502777	0.28	cps
Magnesium	24-2	12195253	12315375	12076988	12195872	0.98	cps
Manganese	55-2	10479693	10499132	10335339	10438055	0.86	cps
Molybdenum	94-1	8673201	8589120	8627187	8629836	0.49	cps
Molybdenum	95-1	10526481	10542962	10526836	10532093	0.09	cps
Molybdenum	96-1	11695255	11651889	11667147	11671430	0.19	cps
Molybdenum	97-1	6481206	6600050	6498029	6526428	0.99	cps
Molybdenum	98-1	16623711	16631690	16657424	16637608	0.11	cps
Neodymium	150-1	447	513	520	493	8.22	cps
Neodymium	150-2	80	97	80	86	11.25	cps
Nickel	60-2	644545	643576	640848	642990	0.30	cps
Phosphorus	31-2	69361	71798	69495	70218	1.95	cps
Potassium	39-2	6822233	6861137	6747557	6810309	0.85	cps
Rhodium	103-1	8307530	8346299	8422161	8358664	0.70	cps
Rhodium	103-2	4327781	4355192	4364437	4349136	0.44	cps
Scandium	45-1	6642816	6826261	6721647	6730241	1.37	cps
Scandium	45-2	383579	387225	388328	386378	0.64	cps
Selenium	82-1	76204	76426	75909	76180	0.34	cps
Selenium	77-2	4367	4421	4441	4410	0.86	cps
Selenium	78-2	15430	15621	15451	15501	0.68	cps
Silicon	28-1	5157066	5349246	5393957	5300090	2.37	cps
Silver	109-1	4528291	4609309	4546921	4561507	0.93	cps
Silver	107-1	4801649	4802173	4851282	4818368	0.59	cps
Sodium	23-2	21018089	21356148	21137377	21170538	0.81	cps
Strontium	86-1	1373942	1355707	1365020	1364890	0.67	cps
Strontium	88-1	12254907	12219469	12228011	12234129	0.15	cps
Sulfur	34-1	1133488	1122646	1122514	1126216	0.56	cps
Terbium	159-1	11160560	11189252	11297745	11215852	0.65	cps
Terbium	159-2	6656248	6652348	6778095	6695564	1.07	cps
Thallium	203-1	3181161	3185878	3161788	3176276	0.40	cps
Thallium	205-1	8633568	8556432	8544609	8578203	0.56	cps
Thorium	232-1	12547217	12610353	12744088	12633886	0.80	cps
Tin	118-1	3091480	3114503	3146655	3117546	0.89	cps
Titanium	47-1	3167913	3205782	3205218	3192971	0.68	cps
Uranium	238-1	11108993	11155300	11059185	11107826	0.43	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	PB132751BS	Instrumnet Name :	P7
Client Sample ID :	PB132751BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:30:01	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1377853	1378719	1371935	1376169	0.27	cps
Yttrium	89-1	12965225	13057364	12943983	12988857	0.46	cps
Yttrium	89-2	2289988	2302606	2302899	2298498	0.32	cps
Zinc	66-2	2715948	2726061	2693746	2711918	0.61	cps
Zirconium	90-1	7360858	7312966	7380714	7351513	0.47	cps
Zirconium	91-1	1603168	1593708	1596532	1597802	0.30	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-01	Instrumnet Name :	P7
Client Sample ID :	PW-1	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:33:20	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6985	6485	6518	6663	4.20	cps
Antimony	121-1	2659	2559	2409	2542	4.95	cps
Arsenic	75-2	83	65	80	76	12.90	cps
Barium	135-1	56448	58540	58708	57898	2.17	cps
Barium	137-1	100226	101997	101426	101216	0.89	cps
Beryllium	9-1	161	156	117	144	16.76	cps
Bismuth	209-1	5988629	6100334	6114074	6067679	1.13	cps
Bismuth	209-2	4400561	4355227	4358955	4371581	0.58	cps
Boron	10-1	12255	12414	11947	12205	1.95	cps
Boron	11-1	60973	61333	58757	60354	2.31	cps
Bromine	81-1	42656	43967	43675	43433	1.59	cps
Bromine	81-2	2533	2903	2953	2796	8.21	cps
Cadmium	111-1	344	328	280	317	10.50	cps
Cadmium	106-1	5868	5159	5593	5540	6.45	cps
Cadmium	108-1	21	33	25	26	24.12	cps
Calcium	43-1	524271	525259	524908	524813	0.10	cps
Calcium	44-1	8042158	8061554	8040801	8048171	0.14	cps
Chromium	52-2	189723	187914	187100	188246	0.71	cps
Cobalt	59-2	6071	6211	5735	6006	4.08	cps
Copper	63-2	14207	14071	14198	14159	0.54	cps
Dysprosium	156-1	75	67	50	64	19.92	cps
Dysprosium	156-2	37	30	23	30	22.23	cps
Erbium	164-1	67	67	92	75	19.24	cps
Erbium	164-2	47	33	47	42	18.24	cps
Gadolinium	160-1	133	192	125	150	24.22	cps
Gadolinium	160-2	107	140	153	133	18.03	cps
Holmium	165-1	11196634	11099031	11152255	11149307	0.44	cps
Holmium	165-2	6765691	6811612	6740978	6772760	0.53	cps
Indium	115-1	9217447	9211367	9403583	9277465	1.18	cps
Indium	115-2	2280638	2263072	2283743	2275817	0.49	cps
Iron	54-2	49564	49714	48579	49286	1.25	cps
Iron	56-2	762721	763015	754657	760131	0.62	cps
Iron	57-2	21149	21466	20815	21143	1.54	cps
Krypton	83-1	640	813	673	709	12.97	cps
Lead	206-1	10443	9720	10165	10110	3.61	cps
Lead	207-1	8275	8230	7858	8121	2.82	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-01	Instrumnet Name :	P7
Client Sample ID :	PW-1	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:33:20	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	40036	38845	38250	39044	2.33	cps
Lithium	6-1	2557868	2617376	2608562	2594602	1.24	cps
Magnesium	24-2	1512432	1511440	1500687	1508186	0.43	cps
Manganese	55-2	18118	17751	17604	17824	1.49	cps
Molybdenum	94-1	3684	3642	3517	3614	2.40	cps
Molybdenum	95-1	5635	5460	5209	5435	3.93	cps
Molybdenum	96-1	6160	5926	5818	5968	2.93	cps
Molybdenum	97-1	3309	3426	3467	3400	2.41	cps
Molybdenum	98-1	8695	8628	8036	8453	4.29	cps
Neodymium	150-1	60	20	20	33	69.28	cps
Neodymium	150-2	7	13	20	13	49.99	cps
Nickel	60-2	42749	42695	42762	42735	0.08	cps
Phosphorus	31-2	908	933	1008	950	5.48	cps
Potassium	39-2	657043	657524	658107	657558	0.08	cps
Rhodium	103-1	8645347	8828982	8781848	8752059	1.09	cps
Rhodium	103-2	4588994	4564115	4581871	4578326	0.28	cps
Scandium	45-1	6754478	6943488	7007595	6901854	1.91	cps
Scandium	45-2	396655	396866	395288	396270	0.22	cps
Selenium	82-1	191	-74	153	90	159.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	157	156	150	154	2.50	cps
Silicon	28-1	12877051	12812372	12481391	12723605	1.67	cps
Silver	109-1	433	433	542	469	13.32	cps
Silver	107-1	592	558	700	617	12.01	cps
Sodium	23-2	11406338	11347680	11405136	11386385	0.29	cps
Strontium	86-1	257408	252329	250100	253279	1.48	cps
Strontium	88-1	2207664	2191248	2193098	2197337	0.41	cps
Sulfur	34-1	884912	886495	885641	885683	0.09	cps
Terbium	159-1	11519295	11560116	11778192	11619201	1.20	cps
Terbium	159-2	6939262	6870402	6906518	6905394	0.50	cps
Thallium	203-1	442	317	358	372	17.10	cps
Thallium	205-1	817	1017	842	892	12.22	cps
Thorium	232-1	1761	1878	1656	1765	6.30	cps
Tin	118-1	3826	3651	3384	3620	6.15	cps
Titanium	47-1	883	867	908	886	2.37	cps
Uranium	238-1	542	525	592	553	6.28	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-01	Instrumnet Name :	P7
Client Sample ID :	PW-1	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:33:20	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1047	997	903	982	7.41	cps
Yttrium	89-1	13139999	13383779	13600742	13374840	1.72	cps
Yttrium	89-2	2351844	2359441	2371067	2360784	0.41	cps
Zinc	66-2	200931	201731	201786	201483	0.24	cps
Zirconium	90-1	1308	1508	1275	1364	9.25	cps
Zirconium	91-1	225	333	117	225	48.15	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02	Instrumnet Name :	P7
Client Sample ID :	PW-2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:36:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3284	3467	3167	3306	4.58	cps
Antimony	121-1	1683	1467	1642	1597	7.20	cps
Arsenic	75-2	85	87	61	78	18.60	cps
Barium	135-1	65772	66559	64274	65535	1.77	cps
Barium	137-1	111956	113057	112309	112441	0.50	cps
Beryllium	9-1	139	122	128	130	6.55	cps
Bismuth	209-1	6045894	6088899	5975945	6036913	0.94	cps
Bismuth	209-2	4261273	4317127	4270721	4283040	0.70	cps
Boron	10-1	10862	10571	11121	10851	2.54	cps
Boron	11-1	53444	54381	53236	53687	1.14	cps
Bromine	81-1	47813	46333	49402	47849	3.21	cps
Bromine	81-2	3074	3074	3124	3090	0.94	cps
Cadmium	111-1	265	241	281	262	7.61	cps
Cadmium	106-1	5510	5676	5818	5668	2.72	cps
Cadmium	108-1	46	46	21	37	38.49	cps
Calcium	43-1	608759	615354	609558	611224	0.59	cps
Calcium	44-1	9299576	9414104	9414902	9376194	0.71	cps
Chromium	52-2	2054	2060	2117	2077	1.68	cps
Cobalt	59-2	227	243	307	259	16.30	cps
Copper	63-2	13601	13869	13271	13580	2.20	cps
Dysprosium	156-1	75	108	92	92	18.18	cps
Dysprosium	156-2	33	57	80	57	41.18	cps
Erbium	164-1	100	92	133	108	20.35	cps
Erbium	164-2	50	40	43	44	11.46	cps
Gadolinium	160-1	167	183	125	158	18.98	cps
Gadolinium	160-2	197	177	227	200	12.58	cps
Holmium	165-1	10918218	10992497	10973902	10961539	0.35	cps
Holmium	165-2	6716728	6559186	6677430	6651115	1.23	cps
Indium	115-1	9447575	9283569	9182937	9304694	1.44	cps
Indium	115-2	2257425	2231489	2257158	2248691	0.66	cps
Iron	54-2	9723	10124	9994	9947	2.05	cps
Iron	56-2	172010	173078	167980	171023	1.57	cps
Iron	57-2	7119	7152	6646	6972	4.06	cps
Krypton	83-1	687	643	733	688	6.54	cps
Lead	206-1	5001	4701	4595	4766	4.42	cps
Lead	207-1	4056	3934	3834	3941	2.82	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02	Instrumnet Name :	P7
Client Sample ID :	PW-2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:36:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	18744	18711	17977	18478	2.35	cps
Lithium	6-1	2619812	2622868	2612246	2618309	0.21	cps
Magnesium	24-2	1751619	1751440	1719967	1741008	1.05	cps
Manganese	55-2	5861	5714	5815	5797	1.29	cps
Molybdenum	94-1	2075	1859	2350	2095	11.77	cps
Molybdenum	95-1	2784	2725	2850	2786	2.25	cps
Molybdenum	96-1	3092	3259	2725	3025	9.02	cps
Molybdenum	97-1	1658	1633	1683	1658	1.51	cps
Molybdenum	98-1	4301	4484	4276	4354	2.61	cps
Neodymium	150-1	40	80	73	64	33.25	cps
Neodymium	150-2	43	37	17	32	43.06	cps
Nickel	60-2	1903	2047	1920	1957	4.01	cps
Phosphorus	31-2	2159	2259	2075	2164	4.24	cps
Potassium	39-2	714207	710990	706301	710500	0.56	cps
Rhodium	103-1	8721497	8622337	8679325	8674386	0.57	cps
Rhodium	103-2	4478710	4530128	4557440	4522093	0.88	cps
Scandium	45-1	6877069	7050149	6959323	6962180	1.24	cps
Scandium	45-2	392088	394591	390379	392353	0.54	cps
Selenium	82-1	61	167	15	81	96.01	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	176	154	180	170	8.26	cps
Silicon	28-1	16397873	16388880	16560541	16449098	0.59	cps
Silver	109-1	275	283	208	256	16.09	cps
Silver	107-1	400	325	308	344	14.18	cps
Sodium	23-2	12299411	12328547	12008971	12212310	1.45	cps
Strontium	86-1	283337	282332	283100	282923	0.19	cps
Strontium	88-1	2429343	2444593	2398695	2424210	0.96	cps
Sulfur	34-1	924660	924335	920753	923249	0.23	cps
Terbium	159-1	11566275	11595023	11642604	11601301	0.33	cps
Terbium	159-2	6773656	6867138	6835392	6825395	0.70	cps
Thallium	203-1	175	167	192	178	7.16	cps
Thallium	205-1	342	392	400	378	8.35	cps
Thorium	232-1	3350	3084	2667	3034	11.35	cps
Tin	118-1	1884	1884	1658	1808	7.18	cps
Titanium	47-1	1917	1633	1667	1739	8.91	cps
Uranium	238-1	1050	1175	1008	1078	8.05	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02	Instrumnet Name :	P7
Client Sample ID :	PW-2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:36:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	533	563	490	529	6.97	cps
Yttrium	89-1	13449916	13382263	13227377	13353185	0.85	cps
Yttrium	89-2	2349752	2328885	2355241	2344626	0.59	cps
Zinc	66-2	404310	400773	396044	400376	1.04	cps
Zirconium	90-1	1525	1467	1375	1456	5.20	cps
Zirconium	91-1	317	333	300	317	5.26	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUP	Instrumnet Name :	P7
Client Sample ID :	PW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:40:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2967	3250	3367	3195	6.44	cps
Antimony	121-1	1417	1233	1483	1378	9.40	cps
Arsenic	75-2	61	65	57	61	6.06	cps
Barium	135-1	65940	62616	64290	64282	2.58	cps
Barium	137-1	112175	114032	113308	113172	0.83	cps
Beryllium	9-1	72	72	72	72	0.00	cps
Bismuth	209-1	6083757	5971514	6016754	6024008	0.94	cps
Bismuth	209-2	4295546	4296751	4276076	4289458	0.27	cps
Boron	10-1	9787	10395	10812	10332	4.99	cps
Boron	11-1	50392	50736	51412	50847	1.02	cps
Bromine	81-1	45238	44845	46492	45525	1.89	cps
Bromine	81-2	2963	2913	3114	2997	3.48	cps
Cadmium	111-1	158	163	138	153	8.55	cps
Cadmium	106-1	5384	5484	5435	5434	0.92	cps
Cadmium	108-1	42	54	71	56	26.33	cps
Calcium	43-1	599582	596742	600823	599049	0.35	cps
Calcium	44-1	9313850	9195557	9170720	9226709	0.83	cps
Chromium	52-2	2247	2290	2187	2241	2.32	cps
Cobalt	59-2	263	277	247	262	5.73	cps
Copper	63-2	13726	13183	13324	13411	2.10	cps
Dysprosium	156-1	133	133	50	106	45.58	cps
Dysprosium	156-2	43	70	50	54	25.49	cps
Erbium	164-1	142	75	117	111	30.31	cps
Erbium	164-2	67	53	73	64	15.80	cps
Gadolinium	160-1	200	142	142	161	20.91	cps
Gadolinium	160-2	190	163	243	199	20.48	cps
Holmium	165-1	10884210	11000552	10656217	10846993	1.61	cps
Holmium	165-2	6666369	6589209	6699848	6651809	0.85	cps
Indium	115-1	9246316	9077696	9120879	9148297	0.96	cps
Indium	115-2	2222929	2244281	2229754	2232322	0.49	cps
Iron	54-2	9843	9833	9924	9867	0.50	cps
Iron	56-2	168194	166487	165924	166868	0.71	cps
Iron	57-2	6585	7119	6374	6692	5.74	cps
Krypton	83-1	727	730	710	722	1.48	cps
Lead	206-1	3451	3617	3523	3530	2.37	cps
Lead	207-1	3073	2861	2950	2961	3.58	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUP	Instrumnet Name :	P7
Client Sample ID :	PW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:40:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	13631	13414	13703	13583	1.11	cps
Lithium	6-1	2613724	2628900	2619825	2620816	0.29	cps
Magnesium	24-2	1745823	1736551	1706071	1729482	1.20	cps
Manganese	55-2	5338	5471	5061	5290	3.95	cps
Molybdenum	94-1	2009	1909	1767	1895	6.41	cps
Molybdenum	95-1	2484	2392	2559	2478	3.37	cps
Molybdenum	96-1	2700	2792	2675	2723	2.26	cps
Molybdenum	97-1	1683	1358	1508	1517	10.73	cps
Molybdenum	98-1	3976	4151	3542	3890	8.05	cps
Neodymium	150-1	40	113	60	71	53.31	cps
Neodymium	150-2	30	23	33	29	17.63	cps
Nickel	60-2	1960	2020	1947	1976	1.98	cps
Phosphorus	31-2	2242	2267	1992	2167	7.02	cps
Potassium	39-2	703889	702086	698212	701396	0.41	cps
Rhodium	103-1	8645299	8491293	8494219	8543604	1.03	cps
Rhodium	103-2	4460859	4475590	4467853	4468101	0.16	cps
Scandium	45-1	6767285	6879078	6768275	6804879	0.94	cps
Scandium	45-2	388165	392135	384557	388286	0.98	cps
Selenium	82-1	78	51	75	68	21.46	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	131	122	156	136	12.62	cps
Silicon	28-1	16372821	16050730	16106322	16176624	1.06	cps
Silver	109-1	175	275	158	203	31.12	cps
Silver	107-1	300	283	308	297	4.28	cps
Sodium	23-2	12220671	12104029	12008165	12110955	0.88	cps
Strontium	86-1	286796	279719	275210	280575	2.08	cps
Strontium	88-1	2417606	2418779	2391928	2409438	0.63	cps
Sulfur	34-1	936575	929237	932684	932832	0.39	cps
Terbium	159-1	11658094	11662751	11344406	11555084	1.58	cps
Terbium	159-2	6859863	6664091	6820710	6781555	1.53	cps
Thallium	203-1	108	150	175	144	23.32	cps
Thallium	205-1	408	350	217	325	30.23	cps
Thorium	232-1	1172	1061	1078	1104	5.43	cps
Tin	118-1	1275	1258	1308	1281	1.99	cps
Titanium	47-1	1525	1392	1517	1478	5.05	cps
Uranium	238-1	1125	1058	1117	1100	3.30	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUP	Instrumnet Name :	P7
Client Sample ID :	PW-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:40:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	530	560	533	541	3.04	cps
Yttrium	89-1	13182514	13340513	12952444	13158490	1.48	cps
Yttrium	89-2	2311486	2315903	2312611	2313333	0.10	cps
Zinc	66-2	400991	397222	395331	397848	0.72	cps
Zirconium	90-1	1283	1250	1367	1300	4.62	cps
Zirconium	91-1	225	275	292	264	13.15	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LX5	Instrumnet Name :	P7
Client Sample ID :	PW-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 14:43:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	775	675	742	7.78	cps
Antimony	121-1	483	408	542	478	13.99	cps
Arsenic	75-2	26	26	26	26	0.00	cps
Barium	135-1	12364	12514	12656	12511	1.17	cps
Barium	137-1	21851	21058	22093	21667	2.50	cps
Beryllium	9-1	89	111	89	96	13.32	cps
Bismuth	209-1	5977054	5909205	6006658	5964306	0.84	cps
Bismuth	209-2	4184101	4259363	4242104	4228523	0.93	cps
Boron	10-1	4126	4051	3884	4020	3.08	cps
Boron	11-1	20539	20356	19880	20258	1.68	cps
Bromine	81-1	27026	28086	26200	27104	3.49	cps
Bromine	81-2	641	731	741	704	7.83	cps
Cadmium	111-1	187	236	196	206	12.46	cps
Cadmium	106-1	5193	5693	5960	5615	6.93	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	115102	117337	116875	116438	1.01	cps
Calcium	44-1	1871045	1853572	1869157	1864591	0.51	cps
Chromium	52-2	1323	1310	1317	1317	0.51	cps
Cobalt	59-2	93	80	83	86	8.11	cps
Copper	63-2	3594	3472	3545	3537	1.74	cps
Dysprosium	156-1	42	33	67	47	36.74	cps
Dysprosium	156-2	10	13	27	17	52.93	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	100	67	142	103	36.56	cps
Gadolinium	160-2	127	137	167	143	14.52	cps
Holmium	165-1	10768803	10537543	10665100	10657149	1.09	cps
Holmium	165-2	6667779	6554570	6538264	6586871	1.07	cps
Indium	115-1	9202999	8918302	9003967	9041756	1.62	cps
Indium	115-2	2202222	2222705	2221945	2215624	0.52	cps
Iron	54-2	2973	2883	2813	2890	2.78	cps
Iron	56-2	38857	40361	39553	39590	1.90	cps
Iron	57-2	1483	1645	1595	1574	5.24	cps
Krypton	83-1	627	753	767	716	10.80	cps
Lead	206-1	1817	1911	1728	1819	5.04	cps
Lead	207-1	1417	1506	1545	1489	4.40	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LX5	Instrumnet Name :	P7
Client Sample ID :	PW-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 14:43:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6890	7018	6767	6892	1.81	cps
Lithium	6-1	2546976	2553128	2556249	2552118	0.18	cps
Magnesium	24-2	339410	340815	332390	337539	1.34	cps
Manganese	55-2	1300	1190	1207	1232	4.81	cps
Molybdenum	94-1	567	567	508	547	6.16	cps
Molybdenum	95-1	492	600	608	567	11.49	cps
Molybdenum	96-1	608	700	617	642	7.90	cps
Molybdenum	97-1	333	392	358	361	8.10	cps
Molybdenum	98-1	950	925	775	883	10.72	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	517	430	490	479	9.27	cps
Phosphorus	31-2	592	642	533	589	9.21	cps
Potassium	39-2	201016	198197	194439	197884	1.67	cps
Rhodium	103-1	8545551	8490738	8651738	8562675	0.96	cps
Rhodium	103-2	4442315	4436678	4471842	4450278	0.42	cps
Scandium	45-1	6701496	6641140	6543499	6628712	1.20	cps
Scandium	45-2	384746	386432	384937	385372	0.24	cps
Selenium	82-1	159	48	-9	66	128.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	174	146	154	158	9.10	cps
Silicon	28-1	3869464	3866159	3838982	3858202	0.43	cps
Silver	109-1	133	125	200	153	26.91	cps
Silver	107-1	158	200	183	181	11.62	cps
Sodium	23-2	2476549	2488802	2449762	2471705	0.81	cps
Strontium	86-1	54521	54328	54504	54451	0.20	cps
Strontium	88-1	464765	467497	468784	467015	0.44	cps
Sulfur	34-1	734660	740678	737419	737586	0.41	cps
Terbium	159-1	11282780	11339580	11338416	11320259	0.29	cps
Terbium	159-2	6659897	6719089	6777689	6718892	0.88	cps
Thallium	203-1	117	92	92	100	14.43	cps
Thallium	205-1	267	233	183	228	18.41	cps
Thorium	232-1	678	639	583	633	7.49	cps
Tin	118-1	1183	1025	967	1058	10.59	cps
Titanium	47-1	458	508	533	500	7.64	cps
Uranium	238-1	175	250	300	242	26.03	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LX5	Instrumnet Name :	P7
Client Sample ID :	PW-2L	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 14:43:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	133	110	103	116	13.64	cps
Yttrium	89-1	12835771	12899234	13000258	12911754	0.64	cps
Yttrium	89-2	2271796	2267826	2288809	2276144	0.49	cps
Zinc	66-2	77695	78496	76965	77718	0.99	cps
Zirconium	90-1	842	767	792	800	4.77	cps
Zirconium	91-1	158	125	108	131	19.50	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:57:35	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6862187	6953547	6868474	6894736	0.74	cps
Antimony	121-1	3545347	3526847	3545105	3539099	0.30	cps
Arsenic	75-2	168030	168537	168470	168346	0.16	cps
Barium	135-1	4288896	4279911	4304786	4291197	0.29	cps
Barium	137-1	7932677	7990087	8023392	7982052	0.57	cps
Beryllium	9-1	780866	789854	783132	784617	0.60	cps
Bismuth	209-1	5407809	5300954	5363758	5357507	1.00	cps
Bismuth	209-2	3815816	3767937	3752745	3778833	0.87	cps
Boron	10-1	108848	109787	110509	109715	0.76	cps
Boron	11-1	521901	533820	544619	533447	2.13	cps
Bromine	81-1	23670	23052	22919	23214	1.73	cps
Bromine	81-2	250	140	140	177	35.95	cps
Cadmium	111-1	2012359	2040898	2022599	2025285	0.71	cps
Cadmium	106-1	110546	113711	112225	112161	1.41	cps
Cadmium	108-1	74246	73288	72919	73484	0.93	cps
Calcium	43-1	6702180	6776838	6749985	6743001	0.56	cps
Calcium	44-1	105757109	107941432	107189673	106962738	1.04	cps
Chromium	52-2	1502246	1499234	1511019	1504166	0.41	cps
Cobalt	59-2	2260875	2254825	2260536	2258745	0.15	cps
Copper	63-2	18033932	18090610	18212693	18112412	0.50	cps
Dysprosium	156-1	408	358	350	372	8.48	cps
Dysprosium	156-2	230	207	277	238	14.99	cps
Erbium	164-1	75	50	133	86	49.66	cps
Erbium	164-2	50	63	63	59	13.07	cps
Gadolinium	160-1	467	417	333	406	16.61	cps
Gadolinium	160-2	360	347	287	331	11.80	cps
Holmium	165-1	10523729	10544069	10704294	10590697	0.93	cps
Holmium	165-2	6481401	5886516	6478856	6282258	5.46	cps
Indium	115-1	8385093	8397484	8452594	8411724	0.43	cps
Indium	115-2	2027493	2038195	2057858	2041182	0.75	cps
Iron	54-2	18686162	18838277	18876089	18800176	0.53	cps
Iron	56-2	342217285	349187808	347549530	346318208	1.05	cps
Iron	57-2	8673731	8548334	8608198	8610088	0.73	cps
Krypton	83-1	827	727	713	756	8.20	cps
Lead	206-1	14555076	14603226	14635045	14597782	0.28	cps
Lead	207-1	13022970	12880442	12947837	12950416	0.55	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:57:35	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	58188175	58007309	58142287	58112590	0.16	cps
Lithium	6-1	2391394	2403912	2441001	2412102	1.07	cps
Magnesium	24-2	60364091	61531651	60206912	60700885	1.19	cps
Manganese	55-2	9719308	9758326	9697130	9724921	0.32	cps
Molybdenum	94-1	8158112	8217930	8154343	8176795	0.44	cps
Molybdenum	95-1	9898700	9856409	9848774	9867961	0.27	cps
Molybdenum	96-1	10914517	11043857	11022488	10993621	0.63	cps
Molybdenum	97-1	6103843	6212265	6292094	6202734	1.52	cps
Molybdenum	98-1	15643628	15786509	15757474	15729204	0.48	cps
Neodymium	150-1	393	440	320	384	15.74	cps
Neodymium	150-2	37	73	63	58	32.80	cps
Nickel	60-2	583384	580192	588177	583918	0.69	cps
Phosphorus	31-2	65100	64866	66230	65399	1.12	cps
Potassium	39-2	35230735	35591972	35677377	35500028	0.67	cps
Rhodium	103-1	7670764	7769036	7907974	7782591	1.53	cps
Rhodium	103-2	4026614	3996769	4024979	4016121	0.42	cps
Scandium	45-1	6383483	6568530	6498606	6483539	1.44	cps
Scandium	45-2	368740	371976	371418	370711	0.47	cps
Selenium	82-1	70228	70894	70523	70548	0.47	cps
Selenium	77-2	3947	4154	4387	4163	5.29	cps
Selenium	78-2	14381	14431	14594	14469	0.77	cps
Silicon	28-1	5701073	5809539	5864814	5791809	1.44	cps
Silver	109-1	4414113	4415907	4414868	4414963	0.02	cps
Silver	107-1	4660857	4701790	4704100	4688916	0.52	cps
Sodium	23-2	105509421	104850352	104089109	104816294	0.68	cps
Strontium	86-1	1295377	1308060	1293652	1299030	0.61	cps
Strontium	88-1	11691447	11815915	11737375	11748246	0.54	cps
Sulfur	34-1	1060861	1070055	1072133	1067683	0.56	cps
Terbium	159-1	11030229	10857049	10999229	10962169	0.84	cps
Terbium	159-2	6466053	6400561	5997042	6287885	4.04	cps
Thallium	203-1	2938856	2875495	2935663	2916671	1.22	cps
Thallium	205-1	7950942	7856298	7878507	7895249	0.63	cps
Thorium	232-1	12070445	11706058	11816862	11864455	1.57	cps
Tin	118-1	2889862	2866631	2882739	2879744	0.41	cps
Titanium	47-1	2931658	2968155	2953316	2951043	0.62	cps
Uranium	238-1	10652230	10733281	10628136	10671216	0.52	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 14:57:35	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1278407	1284512	1293448	1285456	0.59	cps
Yttrium	89-1	12408805	12591649	12561799	12520751	0.78	cps
Yttrium	89-2	2179198	2186720	2195631	2187183	0.38	cps
Zinc	66-2	2646627	2638535	2653052	2646071	0.27	cps
Zirconium	90-1	6860687	7057386	6903834	6940636	1.49	cps
Zirconium	91-1	1493236	1505733	1514848	1504606	0.72	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:03:26 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658	650	675	661	1.93	cps
Antimony	121-1	1367	1342	1225	1311	5.77	cps
Arsenic	75-2	28	30	54	37	39.04	cps
Barium	135-1	408	350	342	367	9.91	cps
Barium	137-1	692	700	758	717	5.07	cps
Beryllium	9-1	222	306	206	244	21.92	cps
Bismuth	209-1	7011759	5851473	5868978	6244070	10.65	cps
Bismuth	209-2	4029207	4053234	4019815	4034085	0.43	cps
Boron	10-1	8177	7519	7135	7610	6.93	cps
Boron	11-1	38040	36770	37029	37280	1.80	cps
Bromine	81-1	22868	21567	22435	22290	2.97	cps
Bromine	81-2	90	70	60	73	20.83	cps
Cadmium	111-1	471	581	462	505	13.10	cps
Cadmium	106-1	5768	5810	5301	5626	5.02	cps
Cadmium	108-1	4	21	17	14	62.43	cps
Calcium	43-1	675	775	775	742	7.79	cps
Calcium	44-1	29580	30048	29539	29722	0.95	cps
Chromium	52-2	1360	1507	1280	1382	8.32	cps
Cobalt	59-2	297	323	297	306	5.04	cps
Copper	63-2	2754	2825	2627	2735	3.67	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	42	67	117	75	50.92	cps
Gadolinium	160-2	110	127	120	119	7.06	cps
Holmium	165-1	11196863	10561950	10850545	10869786	2.92	cps
Holmium	165-2	6428326	6428633	5932384	6263114	4.57	cps
Indium	115-1	9398043	8888602	9023390	9103345	2.90	cps
Indium	115-2	2117030	2125124	2112857	2118337	0.29	cps
Iron	54-2	2443	2823	2583	2616	7.35	cps
Iron	56-2	35543	35426	33839	34936	2.72	cps
Iron	57-2	939	1067	1028	1011	6.48	cps
Krypton	83-1	793	783	740	772	3.67	cps
Lead	206-1	3834	3884	3606	3775	3.92	cps
Lead	207-1	3412	3178	3067	3219	5.46	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:03:26	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15120	14653	14537	14770	2.09	cps
Lithium	6-1	2593484	2535595	2537617	2555565	1.29	cps
Magnesium	24-2	5368	5401	5401	5390	0.36	cps
Manganese	55-2	883	840	717	813	10.63	cps
Molybdenum	94-1	1075	1450	1317	1281	14.84	cps
Molybdenum	95-1	1392	1125	1200	1239	11.10	cps
Molybdenum	96-1	1467	1475	1458	1467	0.57	cps
Molybdenum	97-1	733	825	742	767	6.61	cps
Molybdenum	98-1	1850	2117	1809	1925	8.69	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	110	113	160	128	21.88	cps
Phosphorus	31-2	133	83	158	125	30.55	cps
Potassium	39-2	80560	80283	80551	80465	0.20	cps
Rhodium	103-1	8903947	8500233	8420984	8608388	3.01	cps
Rhodium	103-2	4285453	4319925	4306492	4303956	0.40	cps
Scandium	45-1	6826079	6622335	6556048	6668154	2.11	cps
Scandium	45-2	362262	368290	363168	364573	0.89	cps
Selenium	82-1	-71	40	55	8	859.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	135	172	148	152	12.37	cps
Silicon	28-1	1029281	1031361	1021768	1027470	0.49	cps
Silver	109-1	825	925	1050	933	12.08	cps
Silver	107-1	783	925	1275	995	25.45	cps
Sodium	23-2	56908	58045	56406	57120	1.47	cps
Strontium	86-1	1158	1400	1425	1328	11.09	cps
Strontium	88-1	1467	1383	1408	1420	3.01	cps
Sulfur	34-1	684836	683743	682441	683673	0.18	cps
Terbium	159-1	11802359	11365249	11255328	11474312	2.52	cps
Terbium	159-2	5969729	6540290	6535813	6348610	5.17	cps
Thallium	203-1	450	558	475	494	11.47	cps
Thallium	205-1	958	883	1192	1011	15.90	cps
Thorium	232-1	1400	1256	1306	1320	5.56	cps
Tin	118-1	1758	1633	1533	1642	6.87	cps
Titanium	47-1	375	492	433	433	13.46	cps
Uranium	238-1	708	775	917	800	13.30	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:03:26	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	150	100	143	131	20.71	cps
Yttrium	89-1	13468321	12708452	12854828	13010534	3.10	cps
Yttrium	89-2	2183101	2192001	2184292	2186464	0.22	cps
Zinc	66-2	663	720	687	690	4.13	cps
Zirconium	90-1	1567	1375	1783	1575	12.97	cps
Zirconium	91-1	308	325	275	303	8.41	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : L4522-01 Instrumnet Name : P7
 Client Sample ID : 10262020-3-HC-BATH Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:22:22 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4017	3776	3926	3906	3.12	cps
Antimony	121-1	933	900	842	892	5.20	cps
Arsenic	75-2	56	43	41	46	17.44	cps
Barium	135-1	88364	87004	87759	87709	0.78	cps
Barium	137-1	155478	147846	151501	151608	2.52	cps
Beryllium	9-1	89	106	100	98	8.65	cps
Bismuth	209-1	5758282	5787347	5767909	5771179	0.26	cps
Bismuth	209-2	4070936	4035343	4056741	4054340	0.44	cps
Boron	10-1	7560	7735	7560	7619	1.33	cps
Boron	11-1	37397	37413	37539	37450	0.21	cps
Bromine	81-1	67977	71477	73764	71073	4.10	cps
Bromine	81-2	6558	6308	6608	6491	2.48	cps
Cadmium	111-1	629	621	675	642	4.55	cps
Cadmium	106-1	5359	5351	5318	5343	0.41	cps
Cadmium	108-1	71	113	142	108	32.86	cps
Calcium	43-1	2374930	2338017	2336193	2349714	0.93	cps
Calcium	44-1	36475346	35551896	35938742	35988661	1.29	cps
Chromium	52-2	2570	2627	2360	2519	5.58	cps
Cobalt	59-2	1653	1837	1793	1761	5.44	cps
Copper	63-2	3262637	3244547	3221255	3242813	0.64	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	30	40	53	41	28.47	cps
Gadolinium	160-1	117	92	100	103	12.39	cps
Gadolinium	160-2	190	140	157	162	15.69	cps
Holmium	165-1	10925901	11074479	10866482	10955621	0.98	cps
Holmium	165-2	6799556	6698334	6657008	6718300	1.09	cps
Indium	115-1	9049184	9009464	9041767	9033472	0.23	cps
Indium	115-2	2175926	2178848	2179521	2178098	0.09	cps
Iron	54-2	6909	7009	6708	6875	2.23	cps
Iron	56-2	107148	109420	107293	107954	1.18	cps
Iron	57-2	12533	12867	12700	12700	1.31	cps
Krypton	83-1	717	833	757	769	7.71	cps
Lead	206-1	153507	153540	152281	153110	0.47	cps
Lead	207-1	114839	115035	114428	114767	0.27	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-01	Instrumnet Name :	P7
Client Sample ID :	10262020-3-HC-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:22:22	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	561591	561119	560690	561133	0.08	cps
Lithium	6-1	2550770	2557602	2536605	2548325	0.42	cps
Magnesium	24-2	3166568	3150276	3131020	3149288	0.57	cps
Manganese	55-2	5158	4944	5041	5048	2.12	cps
Molybdenum	94-1	3000	2709	2792	2834	5.30	cps
Molybdenum	95-1	650	767	717	711	8.23	cps
Molybdenum	96-1	1167	1133	1042	1114	5.81	cps
Molybdenum	97-1	400	483	550	478	15.73	cps
Molybdenum	98-1	1575	1792	1508	1625	9.12	cps
Neodymium	150-1	33	33	47	38	20.39	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	4391452	4357215	4327340	4358669	0.74	cps
Phosphorus	31-2	117	208	233	186	33.01	cps
Potassium	39-2	560476	556272	553000	556582	0.67	cps
Rhodium	103-1	8418664	8526396	8360736	8435266	1.00	cps
Rhodium	103-2	4348239	4341777	4327377	4339131	0.25	cps
Scandium	45-1	6860124	6753853	6776803	6796927	0.82	cps
Scandium	45-2	379211	379206	378142	378853	0.16	cps
Selenium	82-1	182	69	105	119	48.60	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	174	178	165	172	3.88	cps
Silicon	28-1	25363051	25260808	25480144	25368001	0.43	cps
Silver	109-1	917	933	908	920	1.39	cps
Silver	107-1	1042	1183	1250	1158	9.19	cps
Sodium	23-2	38078426	37632935	38129845	37947069	0.72	cps
Strontium	86-1	820850	819296	815320	818489	0.35	cps
Strontium	88-1	7398178	7348173	7356305	7367552	0.36	cps
Sulfur	34-1	1021001	1025656	1030713	1025790	0.47	cps
Terbium	159-1	11584789	11366675	11443943	11465136	0.96	cps
Terbium	159-2	6690450	6812393	6727947	6743597	0.93	cps
Thallium	203-1	192	167	192	183	7.87	cps
Thallium	205-1	475	400	450	442	8.65	cps
Thorium	232-1	350	383	317	350	9.52	cps
Tin	118-1	2059	1867	2075	2000	5.79	cps
Titanium	47-1	750	692	667	703	6.09	cps
Uranium	238-1	4076	4234	3867	4059	4.53	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-01	Instrumnet Name :	P7
Client Sample ID :	10262020-3-HC-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:22:22	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	170	207	193	190	9.77	cps
Yttrium	89-1	12990363	13021891	12988635	13000296	0.14	cps
Yttrium	89-2	2265873	2281641	2258624	2268713	0.52	cps
Zinc	66-2	854610	858292	845096	852666	0.80	cps
Zirconium	90-1	6151	6285	6193	6210	1.10	cps
Zirconium	91-1	1133	1367	1383	1295	10.80	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : L4522-02 Instrumnet Name : P7
 Client Sample ID : 10262020-4-WOMAN-BA Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:25:50 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5018	4876	4959	4951	1.44	cps
Antimony	121-1	1358	1300	1233	1297	4.82	cps
Arsenic	75-2	65	57	52	58	11.21	cps
Barium	135-1	83777	81807	81940	82508	1.33	cps
Barium	137-1	142355	141936	138104	140799	1.66	cps
Beryllium	9-1	67	78	61	69	12.39	cps
Bismuth	209-1	5827565	5805385	5774158	5802369	0.46	cps
Bismuth	209-2	4052720	4026388	4071845	4050318	0.56	cps
Boron	10-1	6710	6902	6852	6821	1.46	cps
Boron	11-1	34431	35066	35659	35052	1.75	cps
Bromine	81-1	81119	85595	87632	84782	3.93	cps
Bromine	81-2	8081	8381	8121	8194	1.99	cps
Cadmium	111-1	1087	1060	1076	1074	1.29	cps
Cadmium	106-1	5660	5651	5926	5746	2.72	cps
Cadmium	108-1	117	108	125	117	7.14	cps
Calcium	43-1	2377506	2346265	2350018	2357929	0.72	cps
Calcium	44-1	36556164	36029937	36295764	36293955	0.72	cps
Chromium	52-2	2844	2887	2950	2894	1.85	cps
Cobalt	59-2	1727	1857	1683	1756	5.14	cps
Copper	63-2	3721184	3705041	3699503	3708576	0.30	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	20	30	17	22	31.22	cps
Erbium	164-1	58	75	67	67	12.49	cps
Erbium	164-2	33	37	43	38	13.48	cps
Gadolinium	160-1	92	42	167	100	62.91	cps
Gadolinium	160-2	143	127	140	137	6.45	cps
Holmium	165-1	10960195	11185787	10884344	11010109	1.42	cps
Holmium	165-2	6674151	6745402	6749726	6723093	0.63	cps
Indium	115-1	9100991	9013605	8842626	8985741	1.46	cps
Indium	115-2	2183574	2198166	2198832	2193524	0.39	cps
Iron	54-2	6949	7219	6588	6919	4.58	cps
Iron	56-2	111469	111043	112560	111691	0.70	cps
Iron	57-2	12733	12600	12728	12687	0.59	cps
Krypton	83-1	690	783	710	728	6.75	cps
Lead	206-1	46481	47011	47044	46845	0.67	cps
Lead	207-1	35955	36329	37649	36644	2.43	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-02	Instrumnet Name :	P7
Client Sample ID :	10262020-4-WOMAN-BA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:25:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	172990	175477	176553	175007	1.04	cps
Lithium	6-1	2563775	2555635	2574113	2564508	0.36	cps
Magnesium	24-2	3206401	3192821	3175871	3191698	0.48	cps
Manganese	55-2	11064	10957	11168	11063	0.95	cps
Molybdenum	94-1	4117	4084	4251	4151	2.13	cps
Molybdenum	95-1	642	650	750	681	8.86	cps
Molybdenum	96-1	1358	1550	1142	1350	15.13	cps
Molybdenum	97-1	425	433	408	422	3.01	cps
Molybdenum	98-1	942	958	1092	997	8.24	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	15575	15432	14914	15307	2.27	cps
Phosphorus	31-2	158	158	175	164	5.87	cps
Potassium	39-2	550623	556796	557111	554843	0.66	cps
Rhodium	103-1	8488516	8319484	8412658	8406886	1.01	cps
Rhodium	103-2	4361870	4414567	4378533	4384990	0.61	cps
Scandium	45-1	6875935	6689110	6671639	6745561	1.68	cps
Scandium	45-2	379843	383449	380820	381371	0.49	cps
Selenium	82-1	225	131	233	197	28.73	cps
Selenium	77-2	17	3	17	12	63.01	cps
Selenium	78-2	165	143	181	163	11.97	cps
Silicon	28-1	25174136	25174294	25322978	25223803	0.34	cps
Silver	109-1	542	708	742	664	16.14	cps
Silver	107-1	825	717	617	719	14.48	cps
Sodium	23-2	38343625	37863948	38422137	38209903	0.79	cps
Strontium	86-1	810093	804838	800037	804989	0.62	cps
Strontium	88-1	7305298	7258724	7243293	7269105	0.44	cps
Sulfur	34-1	1045694	1044950	1045556	1045400	0.04	cps
Terbium	159-1	11627920	11721636	11424997	11591518	1.31	cps
Terbium	159-2	6800608	6762056	6818622	6793762	0.43	cps
Thallium	203-1	133	142	183	153	17.53	cps
Thallium	205-1	333	283	342	319	9.87	cps
Thorium	232-1	300	294	311	302	2.81	cps
Tin	118-1	2617	2175	2392	2395	9.22	cps
Titanium	47-1	775	700	633	703	10.09	cps
Uranium	238-1	3417	3934	3567	3640	7.31	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-02	Instrumnet Name :	P7
Client Sample ID :	10262020-4-WOMAN-BA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:25:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	247	233	230	237	3.73	cps
Yttrium	89-1	13200153	13246956	12875385	13107498	1.54	cps
Yttrium	89-2	2272521	2289732	2295585	2285946	0.52	cps
Zinc	66-2	89274	88231	88640	88715	0.59	cps
Zirconium	90-1	11313	10671	10554	10846	3.77	cps
Zirconium	91-1	2442	2325	2400	2389	2.47	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : L4522-03 Instrumnet Name : P7
 Client Sample ID : 10262020-5-MEN-BATH Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:29:18 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3559	3450	3459	3489	1.73	cps
Antimony	121-1	1092	1083	1017	1064	3.86	cps
Arsenic	75-2	54	56	43	51	13.86	cps
Barium	135-1	81144	82586	81052	81594	1.05	cps
Barium	137-1	143752	141336	140445	141845	1.21	cps
Beryllium	9-1	89	94	89	91	3.54	cps
Bismuth	209-1	5831213	5819402	5805308	5818641	0.22	cps
Bismuth	209-2	4089596	4053105	4052735	4065145	0.52	cps
Boron	10-1	7502	7535	7485	7508	0.34	cps
Boron	11-1	34749	33746	34214	34236	1.46	cps
Bromine	81-1	73663	77348	77449	76153	2.83	cps
Bromine	81-2	6789	6889	6949	6875	1.18	cps
Cadmium	111-1	1262	1192	1335	1263	5.64	cps
Cadmium	106-1	5676	5368	5993	5679	5.51	cps
Cadmium	108-1	142	100	138	126	18.16	cps
Calcium	43-1	2357201	2320536	2304306	2327348	1.16	cps
Calcium	44-1	36486614	35881405	35264463	35877494	1.70	cps
Chromium	52-2	2394	2364	2494	2417	2.82	cps
Cobalt	59-2	1483	1407	1420	1437	2.85	cps
Copper	63-2	7045311	7035383	6896771	6992488	1.19	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	23	7	17	16	53.90	cps
Erbium	164-1	42	100	92	78	40.56	cps
Erbium	164-2	47	23	37	36	32.93	cps
Gadolinium	160-1	83	142	117	114	25.69	cps
Gadolinium	160-2	203	150	197	183	15.85	cps
Holmium	165-1	11245340	11052213	10980097	11092550	1.24	cps
Holmium	165-2	6796495	6710539	6734639	6747224	0.66	cps
Indium	115-1	9174823	9023526	9007819	9068723	1.02	cps
Indium	115-2	2172869	2177279	2153978	2168042	0.57	cps
Iron	54-2	8551	7710	7900	8054	5.48	cps
Iron	56-2	136869	137490	133942	136100	1.39	cps
Iron	57-2	13345	13295	13195	13278	0.58	cps
Krypton	83-1	797	677	747	740	8.15	cps
Lead	206-1	52453	51416	51589	51819	1.07	cps
Lead	207-1	40067	39861	39292	39740	1.01	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : L4522-03 Instrumnet Name : P7
 Client Sample ID : 10262020-5-MEN-BATH Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:29:18 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	194829	191454	190234	192172	1.24	cps
Lithium	6-1	2579676	2587675	2562242	2576531	0.50	cps
Magnesium	24-2	3121202	3096113	3041076	3086130	1.33	cps
Manganese	55-2	7675	7289	7035	7333	4.40	cps
Molybdenum	94-1	3509	3084	3067	3220	7.78	cps
Molybdenum	95-1	625	667	567	619	8.11	cps
Molybdenum	96-1	1083	1117	1067	1089	2.34	cps
Molybdenum	97-1	275	375	425	358	21.31	cps
Molybdenum	98-1	842	875	975	897	7.73	cps
Neodymium	150-1	67	47	33	49	34.32	cps
Neodymium	150-2	10	27	17	18	47.19	cps
Nickel	60-2	79319	78116	76371	77936	1.90	cps
Phosphorus	31-2	250	142	200	197	27.49	cps
Potassium	39-2	544070	542649	540163	542294	0.36	cps
Rhodium	103-1	8372667	8370389	8356205	8366420	0.11	cps
Rhodium	103-2	4326297	4366224	4319287	4337269	0.58	cps
Scandium	45-1	6797701	6729749	6601599	6709683	1.48	cps
Scandium	45-2	375568	374663	374618	374949	0.14	cps
Selenium	82-1	154	267	118	179	43.31	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	176	144	172	164	10.48	cps
Silicon	28-1	25441817	25277010	25161846	25293558	0.56	cps
Silver	109-1	817	1083	1025	975	14.38	cps
Silver	107-1	1058	1042	1150	1083	5.39	cps
Sodium	23-2	37013996	36975817	36713925	36901246	0.44	cps
Strontium	86-1	790125	806487	802666	799759	1.07	cps
Strontium	88-1	7186206	7160527	7097172	7147968	0.64	cps
Sulfur	34-1	1047686	1040438	1043837	1043987	0.35	cps
Terbium	159-1	11646284	11436808	11450853	11511315	1.02	cps
Terbium	159-2	6629465	6786546	6791671	6735894	1.37	cps
Thallium	203-1	158	92	58	103	49.54	cps
Thallium	205-1	292	367	267	308	16.88	cps
Thorium	232-1	333	278	356	322	12.43	cps
Tin	118-1	2450	2317	2167	2311	6.13	cps
Titanium	47-1	725	825	675	742	10.30	cps
Uranium	238-1	4051	4126	3709	3962	5.61	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4522-03	Instrumnet Name :	P7
Client Sample ID :	10262020-5-MEN-BATH	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:29:18	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	207	187	283	226	22.62	cps
Yttrium	89-1	12946119	13048561	12856328	12950336	0.74	cps
Yttrium	89-2	2275230	2280619	2247242	2267697	0.79	cps
Zinc	66-2	225367	222778	219327	222491	1.36	cps
Zirconium	90-1	7819	7794	8236	7950	3.12	cps
Zirconium	91-1	1750	2084	1792	1875	9.69	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:47:48	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6726449	6803576	6802063	6777363	0.65	cps
Antimony	121-1	3527497	3569011	3514844	3537117	0.80	cps
Arsenic	75-2	165157	165441	166887	165828	0.56	cps
Barium	135-1	4312124	4327072	4260452	4299883	0.81	cps
Barium	137-1	7958164	8000255	7915363	7957928	0.53	cps
Beryllium	9-1	766256	770584	775363	770734	0.59	cps
Bismuth	209-1	5305609	5255552	5254277	5271813	0.56	cps
Bismuth	209-2	3613890	3619468	3656268	3629875	0.63	cps
Boron	10-1	98234	100079	98469	98927	1.01	cps
Boron	11-1	479041	479354	488016	482137	1.06	cps
Bromine	81-1	21099	21325	21558	21327	1.08	cps
Bromine	81-2	70	120	60	83	38.57	cps
Cadmium	111-1	1985593	1998651	2014885	1999710	0.73	cps
Cadmium	106-1	110560	109889	111528	110659	0.74	cps
Cadmium	108-1	72680	71696	72475	72284	0.72	cps
Calcium	43-1	6630319	6595606	6694489	6640138	0.76	cps
Calcium	44-1	105184788	103547844	105140232	104624288	0.89	cps
Chromium	52-2	1466157	1468460	1467726	1467448	0.08	cps
Cobalt	59-2	2200321	2205824	2220326	2208824	0.47	cps
Copper	63-2	17567955	17696927	17523066	17595983	0.51	cps
Dysprosium	156-1	408	250	458	372	29.22	cps
Dysprosium	156-2	247	270	190	236	17.47	cps
Erbium	164-1	100	108	50	86	36.64	cps
Erbium	164-2	63	50	57	57	11.76	cps
Gadolinium	160-1	383	492	333	403	20.09	cps
Gadolinium	160-2	330	313	300	314	4.78	cps
Holmium	165-1	10375247	10358243	10465682	10399724	0.56	cps
Holmium	165-2	5806614	5862360	5853348	5840774	0.51	cps
Indium	115-1	8245216	8321364	8292011	8286197	0.46	cps
Indium	115-2	1994894	1991708	1999209	1995270	0.19	cps
Iron	54-2	18334528	18467988	18471170	18424562	0.42	cps
Iron	56-2	338247763	338465630	341534819	339416071	0.54	cps
Iron	57-2	8362405	8443799	8488063	8431422	0.76	cps
Krypton	83-1	707	697	747	717	3.69	cps
Lead	206-1	14538533	14546805	14620338	14568559	0.31	cps
Lead	207-1	12616375	12627653	12747666	12663898	0.57	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : CCV13 Instrumnet Name : P7
 Client Sample ID : CCV13 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:47:48 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	57650844	57814191	57841469	57768835	0.18	cps
Lithium	6-1	2357346	2356445	2350878	2354890	0.15	cps
Magnesium	24-2	58900868	60942443	60637231	60160181	1.83	cps
Manganese	55-2	9533445	9566813	9613832	9571364	0.42	cps
Molybdenum	94-1	8023785	8065530	8006370	8031895	0.38	cps
Molybdenum	95-1	9824174	9922089	9743804	9830022	0.91	cps
Molybdenum	96-1	10869826	10824601	10746693	10813707	0.58	cps
Molybdenum	97-1	6100706	6047846	5992029	6046860	0.90	cps
Molybdenum	98-1	15378178	15385607	15419920	15394568	0.14	cps
Neodymium	150-1	327	353	367	349	5.84	cps
Neodymium	150-2	50	63	73	62	18.81	cps
Nickel	60-2	568388	568857	570105	569117	0.16	cps
Phosphorus	31-2	62732	64280	65100	64037	1.88	cps
Potassium	39-2	34453045	34932558	34809855	34731819	0.72	cps
Rhodium	103-1	7650613	7648598	7637755	7645655	0.09	cps
Rhodium	103-2	3892902	3952294	3940401	3928532	0.80	cps
Scandium	45-1	6359691	6244307	6263009	6289002	0.98	cps
Scandium	45-2	357319	360949	364334	360867	0.97	cps
Selenium	82-1	68851	69449	69984	69428	0.82	cps
Selenium	77-2	4291	4091	4074	4152	2.91	cps
Selenium	78-2	13829	14105	14062	13999	1.06	cps
Silicon	28-1	5071011	5206336	5319081	5198809	2.39	cps
Silver	109-1	4324524	4360726	4396603	4360618	0.83	cps
Silver	107-1	4629488	4625933	4645147	4633523	0.22	cps
Sodium	23-2	102040977	102599054	102946517	102528850	0.45	cps
Strontium	86-1	1284013	1268207	1273157	1275126	0.63	cps
Strontium	88-1	11618409	11478163	11503902	11533491	0.65	cps
Sulfur	34-1	1087021	1085412	1091624	1088019	0.30	cps
Terbium	159-1	10999435	11081265	10989783	11023495	0.46	cps
Terbium	159-2	5829052	5907230	6453833	6063372	5.61	cps
Thallium	203-1	2901854	2882943	2924320	2903039	0.71	cps
Thallium	205-1	7948248	8143739	8146066	8079351	1.41	cps
Thorium	232-1	11752562	11775326	11503740	11677209	1.29	cps
Tin	118-1	2844414	2847170	2846101	2845895	0.05	cps
Titanium	47-1	2881060	2867682	2898183	2882308	0.53	cps
Uranium	238-1	10426936	10436595	10446111	10436547	0.09	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:47:48	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1250373	1263572	1254785	1256243	0.53	cps
Yttrium	89-1	12229532	12262348	12060725	12184202	0.89	cps
Yttrium	89-2	2112378	2141820	2147625	2133941	0.89	cps
Zinc	66-2	2574542	2582249	2598566	2585119	0.47	cps
Zirconium	90-1	6810052	6770226	6748237	6776172	0.46	cps
Zirconium	91-1	1479981	1484765	1486485	1483744	0.23	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-02 15:57:46 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	683	692	656	8.46	cps
Antimony	121-1	608	458	333	467	29.51	cps
Arsenic	75-2	9	9	2	7	63.01	cps
Barium	135-1	100	50	75	75	33.33	cps
Barium	137-1	150	108	125	128	16.41	cps
Beryllium	9-1	72	106	78	85	20.97	cps
Bismuth	209-1	5856269	5816959	5645839	5773022	1.94	cps
Bismuth	209-2	4019888	3981131	3938527	3979849	1.02	cps
Boron	10-1	2050	2109	2059	2072	1.52	cps
Boron	11-1	10437	10721	10637	10598	1.37	cps
Bromine	81-1	22184	21975	22501	22220	1.19	cps
Bromine	81-2	60	100	80	80	25.00	cps
Cadmium	111-1	173	222	170	188	15.55	cps
Cadmium	106-1	5334	5468	5460	5421	1.38	cps
Cadmium	108-1	8	17	25	17	50.01	cps
Calcium	43-1	392	500	450	447	12.12	cps
Calcium	44-1	23244	22409	23469	23041	2.42	cps
Chromium	52-2	1047	1080	1120	1082	3.39	cps
Cobalt	59-2	67	73	70	70	4.76	cps
Copper	63-2	1259	1324	1255	1279	3.03	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	17	3	13	11	62.48	cps
Erbium	164-1	58	17	58	44	54.12	cps
Erbium	164-2	43	30	10	28	60.40	cps
Gadolinium	160-1	133	158	75	122	34.99	cps
Gadolinium	160-2	113	103	127	114	10.23	cps
Holmium	165-1	10781861	10903521	10770747	10818710	0.68	cps
Holmium	165-2	5953554	5969769	6430136	6117820	4.42	cps
Indium	115-1	9114008	9120520	8882659	9039062	1.50	cps
Indium	115-2	2160239	2139227	2138161	2145876	0.58	cps
Iron	54-2	1772	1462	1422	1552	12.36	cps
Iron	56-2	10326	10687	10704	10572	2.02	cps
Iron	57-2	456	500	456	470	5.46	cps
Krypton	83-1	810	830	760	800	4.51	cps
Lead	206-1	1656	1461	1483	1533	6.94	cps
Lead	207-1	1345	1245	1378	1322	5.25	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:57:46	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5967	5617	6184	5923	4.83	cps
Lithium	6-1	2524488	2538529	2501742	2521587	0.74	cps
Magnesium	24-2	808	708	925	814	13.32	cps
Manganese	55-2	147	170	207	174	17.34	cps
Molybdenum	94-1	517	342	417	425	20.66	cps
Molybdenum	95-1	117	200	217	178	30.14	cps
Molybdenum	96-1	242	233	167	214	19.22	cps
Molybdenum	97-1	125	75	92	97	26.19	cps
Molybdenum	98-1	383	300	408	364	15.59	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	77	53	69	19.56	cps
Phosphorus	31-2	133	133	150	139	6.93	cps
Potassium	39-2	75223	74386	70944	73518	3.08	cps
Rhodium	103-1	8479526	8554756	8404252	8479511	0.89	cps
Rhodium	103-2	4370966	4345623	4364646	4360412	0.30	cps
Scandium	45-1	6566648	6592413	6430999	6530020	1.33	cps
Scandium	45-2	367764	369858	364729	367450	0.70	cps
Selenium	82-1	-79	-100	-14	-65	-69.37	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	130	120	135	128	5.83	cps
Silicon	28-1	935898	935280	929640	933606	0.37	cps
Silver	109-1	250	342	425	339	25.83	cps
Silver	107-1	308	367	408	361	13.91	cps
Sodium	23-2	46832	45837	44508	45726	2.55	cps
Strontium	86-1	1375	1475	1133	1328	13.23	cps
Strontium	88-1	550	458	517	508	9.13	cps
Sulfur	34-1	689234	691884	691221	690779	0.20	cps
Terbium	159-1	11489853	11382599	11285427	11385960	0.90	cps
Terbium	159-2	6548909	6618482	6469229	6545540	1.14	cps
Thallium	203-1	108	92	67	89	23.59	cps
Thallium	205-1	242	233	292	256	12.35	cps
Thorium	232-1	583	578	644	602	6.15	cps
Tin	118-1	767	808	767	781	3.08	cps
Titanium	47-1	125	175	133	144	18.55	cps
Uranium	238-1	67	75	42	61	28.38	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 15:57:46	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	12811334	12940250	12667045	12806210	1.07	cps
Yttrium	89-2	2222964	2209088	2217637	2216563	0.32	cps
Zinc	66-2	420	423	473	439	6.81	cps
Zirconium	90-1	925	800	875	867	7.26	cps
Zirconium	91-1	192	167	125	161	20.90	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MS	Instrumnet Name :	P7
Client Sample ID :	PW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:07:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218184	216603	213047	215945	1.22	cps
Antimony	121-1	6423352	6324239	5933042	6226878	4.16	cps
Arsenic	75-2	276509	276256	275100	275955	0.27	cps
Barium	135-1	433900	428471	436160	432844	0.91	cps
Barium	137-1	749200	735697	751403	745433	1.14	cps
Beryllium	9-1	330218	326384	325560	327387	0.76	cps
Bismuth	209-1	6792769	5795519	5894133	6160807	8.92	cps
Bismuth	209-2	4014389	4010648	4014907	4013315	0.06	cps
Boron	10-1	71586	71192	70815	71198	0.54	cps
Boron	11-1	347956	347686	348419	348020	0.11	cps
Bromine	81-1	43290	45322	44904	44505	2.41	cps
Bromine	81-2	3154	3204	2913	3090	5.02	cps
Cadmium	111-1	868165	853079	864244	861829	0.91	cps
Cadmium	106-1	41553	40860	39205	40539	2.98	cps
Cadmium	108-1	26759	26767	26567	26697	0.42	cps
Calcium	43-1	617414	613228	615474	615372	0.34	cps
Calcium	44-1	9371094	9441270	9515609	9442658	0.77	cps
Chromium	52-2	1215562	1206442	1198950	1206985	0.69	cps
Cobalt	59-2	943875	943377	937982	941745	0.35	cps
Copper	63-2	1085854	1070502	1071751	1076036	0.79	cps
Dysprosium	156-1	432798	425261	424871	427643	1.04	cps
Dysprosium	156-2	127262	125082	125217	125854	0.97	cps
Erbium	164-1	167	150	133	150	11.11	cps
Erbium	164-2	43	73	90	69	34.33	cps
Gadolinium	160-1	292	283	233	269	11.71	cps
Gadolinium	160-2	200	207	220	209	4.87	cps
Holmium	165-1	10950245	11041042	11271552	11087613	1.49	cps
Holmium	165-2	6655734	6685520	6778397	6706550	0.95	cps
Indium	115-1	8916351	8914217	9241411	9023993	2.09	cps
Indium	115-2	2141677	2156473	2137544	2145231	0.46	cps
Iron	54-2	474455	470623	467259	470779	0.76	cps
Iron	56-2	7839872	7870090	7823701	7844554	0.30	cps
Iron	57-2	198476	195707	195798	196660	0.80	cps
Krypton	83-1	753	637	773	721	10.24	cps
Lead	206-1	5122891	5089549	5128054	5113498	0.41	cps
Lead	207-1	4198847	4143359	4138384	4160197	0.81	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MS	Instrumnet Name :	P7
Client Sample ID :	PW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:07:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21831041	21652538	21689232	21724270	0.43	cps
Lithium	6-1	2649302	2633627	2671215	2651381	0.71	cps
Magnesium	24-2	2131962	2104814	2087706	2108161	1.06	cps
Manganese	55-2	378990	378292	375762	377681	0.45	cps
Molybdenum	94-1	914331	889353	903364	902349	1.39	cps
Molybdenum	95-1	1573195	1548933	1568147	1563425	0.82	cps
Molybdenum	96-1	1662189	1664961	1669116	1665422	0.21	cps
Molybdenum	97-1	987615	969857	960610	972694	1.41	cps
Molybdenum	98-1	2499806	2482561	2453198	2478521	0.95	cps
Neodymium	150-1	133	120	113	122	8.33	cps
Neodymium	150-2	47	53	33	44	22.92	cps
Nickel	60-2	616143	616000	613875	615340	0.21	cps
Phosphorus	31-2	40965	40722	40714	40801	0.35	cps
Potassium	39-2	3235389	3211310	3203352	3216683	0.52	cps
Rhodium	103-1	8467678	8530642	8448777	8482366	0.51	cps
Rhodium	103-2	4356279	4388066	4340435	4361593	0.56	cps
Scandium	45-1	6586177	6623993	6769380	6659850	1.45	cps
Scandium	45-2	373593	370403	369725	371241	0.56	cps
Selenium	82-1	297066	292964	296150	295393	0.73	cps
Selenium	77-2	17200	17354	17164	17239	0.59	cps
Selenium	78-2	58947	57495	57785	58075	1.32	cps
Silicon	28-1	21297530	21253519	21200933	21250661	0.23	cps
Silver	109-1	673786	663307	674310	670468	0.93	cps
Silver	107-1	719583	704987	707551	710707	1.10	cps
Sodium	23-2	12953378	12811904	12680242	12815175	1.07	cps
Strontium	86-1	807465	794370	802425	801420	0.82	cps
Strontium	88-1	7304849	7204036	7259885	7256257	0.70	cps
Sulfur	34-1	914329	907763	906628	909573	0.46	cps
Terbium	159-1	11526505	11612354	11692738	11610532	0.72	cps
Terbium	159-2	6838812	6737687	6837210	6804569	0.85	cps
Thallium	203-1	14249062	14342515	14413389	14334989	0.57	cps
Thallium	205-1	34198527	33753437	34625804	34192589	1.28	cps
Thorium	232-1	678	678	628	661	4.37	cps
Tin	118-1	4181707	4169706	4219953	4190455	0.63	cps
Titanium	47-1	248300	243512	246563	246125	0.98	cps
Uranium	238-1	1217	1067	1092	1125	7.14	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MS	Instrumnet Name :	P7
Client Sample ID :	PW-2MS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:07:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	767630	762448	760099	763392	0.50	cps
Yttrium	89-1	12909977	12995873	13078247	12994699	0.65	cps
Yttrium	89-2	2242305	2237509	2246793	2242202	0.21	cps
Zinc	66-2	483774	484943	480548	483088	0.47	cps
Zirconium	90-1	5443	4784	4534	4920	9.54	cps
Zirconium	91-1	2275	2092	1884	2084	9.41	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSD	Instrumnet Name :	P7
Client Sample ID :	PW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:11:23	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217026	215987	210494	214502	1.64	cps
Antimony	121-1	6441041	5953884	6335725	6243550	4.11	cps
Arsenic	75-2	275885	274939	273983	274936	0.35	cps
Barium	135-1	437036	434557	425981	432525	1.34	cps
Barium	137-1	745814	759982	741700	749165	1.28	cps
Beryllium	9-1	328671	327361	325554	327195	0.48	cps
Bismuth	209-1	7007699	6920427	7274898	7067675	2.61	cps
Bismuth	209-2	4026641	4071304	4049761	4049236	0.55	cps
Boron	10-1	73185	72817	73713	73238	0.61	cps
Boron	11-1	355140	347336	364134	355537	2.36	cps
Bromine	81-1	46910	46509	48507	47309	2.23	cps
Bromine	81-2	3114	3204	3264	3194	2.37	cps
Cadmium	111-1	866107	864749	855878	862245	0.64	cps
Cadmium	106-1	41135	41971	42406	41837	1.54	cps
Cadmium	108-1	26654	27347	26788	26930	1.37	cps
Calcium	43-1	615417	614097	608010	612508	0.65	cps
Calcium	44-1	9390890	9359507	9178662	9309686	1.23	cps
Chromium	52-2	1203808	1220627	1193931	1206122	1.12	cps
Cobalt	59-2	942126	943601	935080	940269	0.48	cps
Copper	63-2	1075022	1075693	1065617	1072111	0.53	cps
Dysprosium	156-1	429847	426082	421470	425800	0.99	cps
Dysprosium	156-2	123647	120910	120166	121574	1.51	cps
Erbium	164-1	133	92	142	122	21.92	cps
Erbium	164-2	90	103	77	90	14.81	cps
Gadolinium	160-1	242	208	242	231	8.35	cps
Gadolinium	160-2	190	160	207	186	12.75	cps
Holmium	165-1	11341742	11061592	11785261	11396198	3.20	cps
Holmium	165-2	6556441	6730560	6662286	6649762	1.32	cps
Indium	115-1	9028207	9099608	9596859	9241558	3.35	cps
Indium	115-2	2126861	2142183	2154729	2141258	0.65	cps
Iron	54-2	471235	481137	467920	473431	1.45	cps
Iron	56-2	7896047	8050768	7912479	7953098	1.07	cps
Iron	57-2	196370	197705	198521	197532	0.55	cps
Krypton	83-1	767	683	730	727	5.75	cps
Lead	206-1	5142028	5165684	5079552	5129088	0.87	cps
Lead	207-1	4182502	4240923	4171551	4198325	0.89	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSD	Instrumnet Name :	P7
Client Sample ID :	PW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:11:23	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21848161	22058947	21736163	21881090	0.75	cps
Lithium	6-1	2666954	2669326	2795250	2710510	2.71	cps
Magnesium	24-2	2091875	2108040	2073269	2091062	0.83	cps
Manganese	55-2	374343	381150	376518	377337	0.92	cps
Molybdenum	94-1	906966	888566	888096	894542	1.20	cps
Molybdenum	95-1	1580969	1572063	1550437	1567823	1.00	cps
Molybdenum	96-1	1687035	1684246	1659587	1676956	0.90	cps
Molybdenum	97-1	979736	970909	974073	974906	0.46	cps
Molybdenum	98-1	2489953	2472744	2487938	2483545	0.38	cps
Neodymium	150-1	140	127	93	120	20.03	cps
Neodymium	150-2	23	30	60	38	51.71	cps
Nickel	60-2	619773	616262	613285	616440	0.53	cps
Phosphorus	31-2	40196	41257	41024	40826	1.37	cps
Potassium	39-2	3195594	3200494	3173432	3189840	0.45	cps
Rhodium	103-1	8637862	8655457	9069769	8787696	2.78	cps
Rhodium	103-2	4314240	4341549	4381971	4345920	0.78	cps
Scandium	45-1	6711829	6732937	7051817	6832194	2.79	cps
Scandium	45-2	368431	370163	370524	369706	0.30	cps
Selenium	82-1	296266	293004	293615	294295	0.59	cps
Selenium	77-2	17150	17417	16636	17068	2.33	cps
Selenium	78-2	58183	57826	58192	58067	0.36	cps
Silicon	28-1	21458583	21062949	20993058	21171530	1.19	cps
Silver	109-1	669230	677530	672753	673171	0.62	cps
Silver	107-1	707513	702712	708650	706292	0.45	cps
Sodium	23-2	12634223	12685942	12794336	12704834	0.64	cps
Strontium	86-1	803668	796829	797458	799318	0.47	cps
Strontium	88-1	7224216	7209867	7200612	7211565	0.16	cps
Sulfur	34-1	895100	885730	882391	887740	0.74	cps
Terbium	159-1	11630023	11908411	12409212	11982549	3.30	cps
Terbium	159-2	6750514	6652492	6710996	6704668	0.74	cps
Thallium	203-1	14638787	14416814	14261224	14438942	1.31	cps
Thallium	205-1	34756440	34291457	34153330	34400409	0.92	cps
Thorium	232-1	578	606	589	591	2.37	cps
Tin	118-1	4244697	4194690	4164632	4201340	0.96	cps
Titanium	47-1	246511	246646	245826	246328	0.18	cps
Uranium	238-1	1167	1158	992	1106	8.93	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSD	Instrumnet Name :	P7
Client Sample ID :	PW-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:11:23	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	758358	764966	755071	759465	0.66	cps
Yttrium	89-1	13183411	13245032	13841881	13423441	2.71	cps
Yttrium	89-2	2216264	2228165	2262951	2235793	1.09	cps
Zinc	66-2	480346	482686	478372	480468	0.45	cps
Zirconium	90-1	3517	3234	3175	3309	5.52	cps
Zirconium	91-1	1800	1617	1767	1728	5.65	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02A	Instrumnet Name :	P7
Client Sample ID :	PW-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217001	217815	214441	216419	0.81	cps
Antimony	121-1	6461386	6425062	6372650	6419699	0.69	cps
Arsenic	75-2	281445	279248	277409	279367	0.72	cps
Barium	135-1	428680	430553	433489	430907	0.56	cps
Barium	137-1	747304	742608	748538	746150	0.42	cps
Beryllium	9-1	334591	329105	326453	330050	1.26	cps
Bismuth	209-1	6889153	6762117	6796999	6816090	0.96	cps
Bismuth	209-2	4055213	4021024	4032779	4036338	0.43	cps
Boron	10-1	74466	72683	73428	73526	1.22	cps
Boron	11-1	367372	363876	365878	365709	0.48	cps
Bromine	81-1	46952	47403	46483	46946	0.98	cps
Bromine	81-2	3554	3214	3284	3351	5.37	cps
Cadmium	111-1	881402	869680	865103	872062	0.96	cps
Cadmium	106-1	40792	40759	41352	40968	0.81	cps
Cadmium	108-1	26500	26775	27264	26846	1.44	cps
Calcium	43-1	613090	606727	605667	608495	0.66	cps
Calcium	44-1	9419359	9329787	9180617	9309921	1.30	cps
Chromium	52-2	1219215	1216890	1203690	1213265	0.69	cps
Cobalt	59-2	948417	951097	943136	947550	0.43	cps
Copper	63-2	1088001	1081545	1074188	1081244	0.64	cps
Dysprosium	156-1	427308	425086	423061	425152	0.50	cps
Dysprosium	156-2	123918	123303	121800	123007	0.89	cps
Erbium	164-1	133	200	108	147	32.19	cps
Erbium	164-2	63	83	73	73	13.64	cps
Gadolinium	160-1	333	308	208	283	23.35	cps
Gadolinium	160-2	233	217	213	221	4.85	cps
Holmium	165-1	11214553	11051202	11079054	11114936	0.79	cps
Holmium	165-2	6574909	6764871	6692102	6677294	1.44	cps
Indium	115-1	9245328	9128084	9052308	9141907	1.06	cps
Indium	115-2	2155308	2154989	2165148	2158482	0.27	cps
Iron	54-2	477090	474737	469738	473855	0.79	cps
Iron	56-2	8011905	8088933	7882094	7994311	1.31	cps
Iron	57-2	197008	201252	198684	198981	1.07	cps
Krypton	83-1	697	753	760	737	4.72	cps
Lead	206-1	5165354	5059034	5198722	5141037	1.42	cps
Lead	207-1	4192838	4168536	4182270	4181215	0.29	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02A	Instrumnet Name :	P7
Client Sample ID :	PW-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21975908	21634602	21688179	21766230	0.84	cps
Lithium	6-1	2692113	2666819	2654022	2670985	0.73	cps
Magnesium	24-2	2121474	2096929	2077310	2098571	1.05	cps
Manganese	55-2	380402	381478	379619	380499	0.25	cps
Molybdenum	94-1	896202	917062	901671	904978	1.20	cps
Molybdenum	95-1	1580320	1580219	1570113	1576884	0.37	cps
Molybdenum	96-1	1699716	1698816	1660753	1686428	1.32	cps
Molybdenum	97-1	990154	981610	968061	979942	1.14	cps
Molybdenum	98-1	2514883	2502705	2478537	2498708	0.74	cps
Neodymium	150-1	107	120	127	118	8.65	cps
Neodymium	150-2	43	50	27	40	30.04	cps
Nickel	60-2	622469	623179	616912	620853	0.55	cps
Phosphorus	31-2	41926	40514	40246	40895	2.21	cps
Potassium	39-2	3239482	3207801	3210956	3219413	0.54	cps
Rhodium	103-1	8493167	8579476	8500184	8524276	0.56	cps
Rhodium	103-2	4395605	4392379	4394874	4394286	0.04	cps
Scandium	45-1	6744886	6670086	6635011	6683327	0.84	cps
Scandium	45-2	373193	371371	372066	372210	0.25	cps
Selenium	82-1	299854	297090	294967	297304	0.82	cps
Selenium	77-2	17297	17784	17114	17398	1.99	cps
Selenium	78-2	59237	58878	58173	58763	0.92	cps
Silicon	28-1	21373067	21413967	21236554	21341196	0.44	cps
Silver	109-1	679038	673768	679314	677374	0.46	cps
Silver	107-1	716115	713088	708472	712558	0.54	cps
Sodium	23-2	12855146	12637217	12553764	12682042	1.23	cps
Strontium	86-1	809268	806519	796311	804032	0.85	cps
Strontium	88-1	7384032	7337435	7239032	7320166	1.01	cps
Sulfur	34-1	887882	882056	872863	880934	0.86	cps
Terbium	159-1	11564116	11710069	11692231	11655472	0.68	cps
Terbium	159-2	6846492	6844896	6829394	6840261	0.14	cps
Thallium	203-1	14392266	14394030	14444622	14410306	0.21	cps
Thallium	205-1	34779121	33874146	34473685	34375650	1.34	cps
Thorium	232-1	467	544	489	500	8.01	cps
Tin	118-1	4266846	4246170	4209968	4240995	0.68	cps
Titanium	47-1	249770	247155	246699	247875	0.67	cps
Uranium	238-1	1058	1017	1058	1045	2.30	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02A	Instrumnet Name :	P7
Client Sample ID :	PW-2A	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 16:14:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	770333	763686	759343	764454	0.72	cps
Yttrium	89-1	13223759	13260601	13018549	13167636	0.99	cps
Yttrium	89-2	2282534	2262196	2253930	2266220	0.65	cps
Zinc	66-2	488580	485035	479349	484321	0.96	cps
Zirconium	90-1	2792	2859	2492	2714	7.20	cps
Zirconium	91-1	1725	1450	1475	1550	9.81	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDL	Dilution Factor :	5
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43397	42101	39778	41759	4.39	cps
Antimony	121-1	1187264	1176118	1173599	1178994	0.62	cps
Arsenic	75-2	53213	53760	52483	53152	1.21	cps
Barium	135-1	85234	84061	84456	84584	0.71	cps
Barium	137-1	145722	146187	146026	145979	0.16	cps
Beryllium	9-1	63254	63688	64626	63856	1.10	cps
Bismuth	209-1	5769151	5770618	5594171	5711314	1.78	cps
Bismuth	209-2	4006068	3964777	3998121	3989655	0.55	cps
Boron	10-1	19354	17836	18987	18726	4.23	cps
Boron	11-1	93328	92280	93480	93029	0.70	cps
Bromine	81-1	27460	26867	26191	26839	2.37	cps
Bromine	81-2	711	721	831	754	8.84	cps
Cadmium	111-1	167570	167961	169675	168402	0.66	cps
Cadmium	106-1	11922	12039	12030	11997	0.54	cps
Cadmium	108-1	5393	5314	5351	5352	0.74	cps
Calcium	43-1	121847	116707	118916	119157	2.16	cps
Calcium	44-1	1930179	1909970	1912226	1917458	0.58	cps
Chromium	52-2	239182	235669	227240	234030	2.62	cps
Cobalt	59-2	186353	186256	178036	183548	2.60	cps
Copper	63-2	212472	213977	206475	210974	1.88	cps
Dysprosium	156-1	84367	81466	83310	83048	1.77	cps
Dysprosium	156-2	23724	23968	22999	23564	2.14	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	50	37	27	38	30.98	cps
Gadolinium	160-1	92	92	125	103	18.72	cps
Gadolinium	160-2	173	100	157	143	26.82	cps
Holmium	165-1	10963837	10606558	10721279	10763891	1.69	cps
Holmium	165-2	6592511	6621252	6727746	6647169	1.07	cps
Indium	115-1	9032958	8717013	8993302	8914424	1.93	cps
Indium	115-2	2128486	2123928	2133087	2128500	0.22	cps
Iron	54-2	94698	92845	89772	92438	2.69	cps
Iron	56-2	1554952	1548379	1490680	1531337	2.31	cps
Iron	57-2	38846	38690	37242	38259	2.31	cps
Krypton	83-1	733	653	713	700	5.95	cps
Lead	206-1	1017201	1008056	1013485	1012914	0.45	cps
Lead	207-1	828498	822117	819070	823228	0.58	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:18:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3885597	3885854	3862167	3877873	0.35	cps
Lithium	6-1	2494298	2496568	2487965	2492944	0.18	cps
Magnesium	24-2	414123	409554	399326	407668	1.86	cps
Manganese	55-2	74390	73180	71945	73172	1.67	cps
Molybdenum	94-1	177565	173484	176382	175810	1.19	cps
Molybdenum	95-1	311910	309336	303634	308293	1.37	cps
Molybdenum	96-1	327123	328148	324362	326544	0.60	cps
Molybdenum	97-1	188445	189467	189223	189045	0.28	cps
Molybdenum	98-1	482651	481991	484477	483040	0.27	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	121299	120449	117949	119899	1.45	cps
Phosphorus	31-2	8244	8144	7160	7849	7.63	cps
Potassium	39-2	687694	671375	667915	675661	1.56	cps
Rhodium	103-1	8238294	8354327	8392632	8328418	0.96	cps
Rhodium	103-2	4316879	4333316	4318480	4322892	0.21	cps
Scandium	45-1	6555219	6419584	6444841	6473215	1.11	cps
Scandium	45-2	362213	359829	361497	361180	0.34	cps
Selenium	82-1	57809	57797	57268	57625	0.54	cps
Selenium	77-2	3334	3247	3300	3294	1.33	cps
Selenium	78-2	11308	11492	11234	11345	1.17	cps
Silicon	28-1	5047460	5021970	5077302	5048911	0.55	cps
Silver	109-1	132339	132389	130961	131896	0.61	cps
Silver	107-1	141475	140111	139918	140501	0.60	cps
Sodium	23-2	2633504	2609755	2576707	2606655	1.09	cps
Strontium	86-1	155339	157908	157183	156810	0.84	cps
Strontium	88-1	1344068	1373638	1361035	1359580	1.09	cps
Sulfur	34-1	690145	687885	693078	690370	0.38	cps
Terbium	159-1	11467339	11341083	11391011	11399811	0.56	cps
Terbium	159-2	6585548	6590642	6592420	6589536	0.05	cps
Thallium	203-1	2487677	2441811	2432567	2454018	1.20	cps
Thallium	205-1	5831012	5781461	5743143	5785205	0.76	cps
Thorium	232-1	356	283	244	294	19.15	cps
Tin	118-1	835252	816051	838659	829987	1.47	cps
Titanium	47-1	47845	47251	47050	47382	0.87	cps
Uranium	238-1	217	233	283	244	14.20	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:18:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	148410	147990	142823	146407	2.13	cps
Yttrium	89-1	12660964	12804601	12840156	12768574	0.74	cps
Yttrium	89-2	2192863	2198127	2185289	2192093	0.29	cps
Zinc	66-2	94989	95100	91903	93997	1.93	cps
Zirconium	90-1	892	1008	917	939	6.54	cps
Zirconium	91-1	342	325	358	342	4.88	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:21:48	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41884	41717	41934	41845	0.27	cps
Antimony	121-1	1192192	1179499	1186849	1186180	0.54	cps
Arsenic	75-2	54382	54483	53039	53968	1.49	cps
Barium	135-1	84523	83861	85394	84593	0.91	cps
Barium	137-1	147786	145682	148410	147293	0.97	cps
Beryllium	9-1	63203	63895	64916	64005	1.35	cps
Bismuth	209-1	5747549	5790661	6817473	6118561	9.90	cps
Bismuth	209-2	3965948	3955353	3976626	3965976	0.27	cps
Boron	10-1	17285	16710	17552	17182	2.51	cps
Boron	11-1	86638	85155	87275	86356	1.26	cps
Bromine	81-1	26124	26592	25790	26169	1.54	cps
Bromine	81-2	611	661	701	657	6.87	cps
Cadmium	111-1	168304	169704	171502	169837	0.94	cps
Cadmium	106-1	12306	11522	12164	11997	3.48	cps
Cadmium	108-1	5451	5251	5239	5314	2.24	cps
Calcium	43-1	121655	120639	121275	121190	0.42	cps
Calcium	44-1	1908863	1908261	1903399	1906841	0.16	cps
Chromium	52-2	240028	237173	231691	236297	1.79	cps
Cobalt	59-2	185540	185310	183984	184945	0.45	cps
Copper	63-2	214014	216131	211002	213715	1.21	cps
Dysprosium	156-1	84132	83168	83461	83587	0.59	cps
Dysprosium	156-2	24372	22979	23046	23466	3.35	cps
Erbium	164-1	67	75	58	67	12.49	cps
Erbium	164-2	33	40	60	44	31.23	cps
Gadolinium	160-1	100	108	133	114	15.23	cps
Gadolinium	160-2	103	120	143	122	16.44	cps
Holmium	165-1	10877653	10804584	10841422	10841219	0.34	cps
Holmium	165-2	6588523	6531823	6614725	6578357	0.64	cps
Indium	115-1	8962689	8988030	9031127	8993949	0.38	cps
Indium	115-2	2139463	2130163	2133515	2134380	0.22	cps
Iron	54-2	93893	94909	92199	93667	1.46	cps
Iron	56-2	1574155	1570839	1533440	1559478	1.45	cps
Iron	57-2	40071	38668	38991	39243	1.87	cps
Krypton	83-1	720	720	807	749	6.68	cps
Lead	206-1	1020471	1005676	1020324	1015490	0.84	cps
Lead	207-1	822777	816437	820139	819785	0.39	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:21:48	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3884238	3856895	3881219	3874117	0.39	cps
Lithium	6-1	2526436	2514719	2520166	2520441	0.23	cps
Magnesium	24-2	417986	414737	410622	414448	0.89	cps
Manganese	55-2	75391	75150	73505	74682	1.37	cps
Molybdenum	94-1	175151	175828	176274	175751	0.32	cps
Molybdenum	95-1	308732	309730	304837	307766	0.84	cps
Molybdenum	96-1	328297	332410	327368	329358	0.81	cps
Molybdenum	97-1	188851	192870	190776	190832	1.05	cps
Molybdenum	98-1	482750	489150	490254	487385	0.83	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	122029	122325	120375	121576	0.86	cps
Phosphorus	31-2	7811	7677	7819	7769	1.02	cps
Potassium	39-2	687782	682146	679155	683028	0.64	cps
Rhodium	103-1	8499745	8450892	8424458	8458365	0.45	cps
Rhodium	103-2	4325155	4319748	4357953	4334286	0.48	cps
Scandium	45-1	6493387	6384044	6487196	6454876	0.95	cps
Scandium	45-2	361647	364670	360809	362375	0.56	cps
Selenium	82-1	58510	58106	58151	58255	0.38	cps
Selenium	77-2	3310	3437	3037	3262	6.27	cps
Selenium	78-2	11670	11169	11362	11400	2.21	cps
Silicon	28-1	5173457	5119093	5147498	5146682	0.53	cps
Silver	109-1	136041	135399	134233	135224	0.68	cps
Silver	107-1	140507	138857	139976	139780	0.60	cps
Sodium	23-2	2601911	2606554	2576291	2594919	0.63	cps
Strontium	86-1	158413	158811	159071	158765	0.21	cps
Strontium	88-1	1357331	1372276	1373543	1367717	0.66	cps
Sulfur	34-1	698191	686504	696114	693603	0.90	cps
Terbium	159-1	11518394	11506489	11451360	11492081	0.31	cps
Terbium	159-2	6741642	6590533	6699307	6677161	1.17	cps
Thallium	203-1	2463112	2433917	2465561	2454197	0.72	cps
Thallium	205-1	5775766	5677327	5871471	5774855	1.68	cps
Thorium	232-1	267	172	289	243	25.53	cps
Tin	118-1	839059	838993	838951	839001	0.01	cps
Titanium	47-1	48981	47794	48322	48366	1.23	cps
Uranium	238-1	150	217	292	219	32.30	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:21:48	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	149023	149036	147730	148597	0.50	cps
Yttrium	89-1	12693096	12909309	12902837	12835081	0.96	cps
Yttrium	89-2	2198921	2198197	2208375	2201831	0.26	cps
Zinc	66-2	95167	95271	94016	94818	0.73	cps
Zirconium	90-1	1250	1175	950	1125	13.88	cps
Zirconium	91-1	417	408	358	394	8.00	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:25:19	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43957	42494	41909	42787	2.47	cps
Antimony	121-1	1188837	1200892	1192299	1194009	0.52	cps
Arsenic	75-2	54520	54271	54096	54296	0.39	cps
Barium	135-1	85839	86652	85093	85862	0.91	cps
Barium	137-1	147466	149024	148267	148252	0.53	cps
Beryllium	9-1	65770	63187	63872	64276	2.08	cps
Bismuth	209-1	5825739	5814879	6920738	6187119	10.27	cps
Bismuth	209-2	3956355	4036004	4013031	4001797	1.02	cps
Boron	10-1	17085	16893	16359	16779	2.24	cps
Boron	11-1	85140	84863	84217	84740	0.56	cps
Bromine	81-1	26024	25723	25957	25901	0.61	cps
Bromine	81-2	671	611	641	641	4.69	cps
Cadmium	111-1	172402	169432	170140	170658	0.91	cps
Cadmium	106-1	12181	12348	12406	12311	0.95	cps
Cadmium	108-1	5268	5301	5651	5407	3.93	cps
Calcium	43-1	124637	122353	121041	122677	1.48	cps
Calcium	44-1	1938444	1957557	1973824	1956608	0.91	cps
Chromium	52-2	241901	243036	234240	239726	2.00	cps
Cobalt	59-2	188199	186982	184257	186479	1.08	cps
Copper	63-2	217187	218663	214843	216898	0.89	cps
Dysprosium	156-1	84610	83403	82070	83361	1.52	cps
Dysprosium	156-2	24792	24529	24034	24452	1.57	cps
Erbium	164-1	100	83	67	83	20.00	cps
Erbium	164-2	50	20	50	40	43.30	cps
Gadolinium	160-1	92	125	83	100	22.04	cps
Gadolinium	160-2	150	130	157	146	9.54	cps
Holmium	165-1	10810379	11120992	10831463	10920945	1.59	cps
Holmium	165-2	6668790	6656981	6576828	6634200	0.75	cps
Indium	115-1	9115267	9073449	9054907	9081208	0.34	cps
Indium	115-2	2159123	2168076	2155672	2160957	0.30	cps
Iron	54-2	96804	96431	96703	96646	0.20	cps
Iron	56-2	1604657	1597787	1561528	1587991	1.46	cps
Iron	57-2	39553	39514	39576	39548	0.08	cps
Krypton	83-1	723	660	687	690	4.61	cps
Lead	206-1	1015558	1024741	1017591	1019297	0.47	cps
Lead	207-1	827715	834942	829072	830576	0.46	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:25:19	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3908614	3896532	3908388	3904511	0.18	cps
Lithium	6-1	2529746	2541170	2527159	2532692	0.29	cps
Magnesium	24-2	418677	419815	412975	417156	0.88	cps
Manganese	55-2	82117	81949	80874	81647	0.83	cps
Molybdenum	94-1	177634	180105	179016	178918	0.69	cps
Molybdenum	95-1	311927	314891	316996	314604	0.81	cps
Molybdenum	96-1	332036	334686	332278	333000	0.44	cps
Molybdenum	97-1	193013	196072	191454	193513	1.21	cps
Molybdenum	98-1	491446	499497	491980	494308	0.91	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	123733	122889	122307	122977	0.58	cps
Phosphorus	31-2	8378	7469	8353	8066	6.42	cps
Potassium	39-2	691298	691907	689976	691060	0.14	cps
Rhodium	103-1	8488655	8616165	8522863	8542561	0.77	cps
Rhodium	103-2	4388673	4386880	4348491	4374682	0.52	cps
Scandium	45-1	6543026	6545593	6626469	6571696	0.72	cps
Scandium	45-2	364881	366879	365867	365876	0.27	cps
Selenium	82-1	58844	59057	58219	58707	0.74	cps
Selenium	77-2	3407	3587	3370	3455	3.36	cps
Selenium	78-2	11666	11799	11395	11620	1.77	cps
Silicon	28-1	5120502	5153501	5165896	5146633	0.46	cps
Silver	109-1	133246	133265	133070	133193	0.08	cps
Silver	107-1	141205	144825	141028	142353	1.51	cps
Sodium	23-2	2637926	2646559	2627576	2637354	0.36	cps
Strontium	86-1	159765	159130	157292	158729	0.81	cps
Strontium	88-1	1378000	1377027	1378970	1377999	0.07	cps
Sulfur	34-1	685830	686844	681855	684843	0.38	cps
Terbium	159-1	11666995	11469761	11446591	11527782	1.05	cps
Terbium	159-2	6752412	6761129	6816780	6776774	0.52	cps
Thallium	203-1	2463691	2461551	2463791	2463011	0.05	cps
Thallium	205-1	5811192	5808454	5795846	5805164	0.14	cps
Thorium	232-1	239	356	294	296	19.69	cps
Tin	118-1	844945	850601	840444	845330	0.60	cps
Titanium	47-1	50169	49241	49074	49494	1.19	cps
Uranium	238-1	208	292	217	239	19.21	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2ADL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:25:19	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	152137	151373	148242	150584	1.37	cps
Yttrium	89-1	12954841	12964556	12971029	12963475	0.06	cps
Yttrium	89-2	2249929	2229423	2226332	2235228	0.57	cps
Zinc	66-2	97496	98093	95278	96955	1.53	cps
Zirconium	90-1	1175	950	1033	1053	10.81	cps
Zirconium	91-1	400	358	350	369	7.25	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:40:22	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	750	750	725	5.97	cps
Antimony	121-1	600	692	683	658	7.70	cps
Arsenic	75-2	26	22	28	25	11.19	cps
Barium	135-1	12573	12965	12506	12681	1.95	cps
Barium	137-1	23162	22243	22527	22644	2.08	cps
Beryllium	9-1	67	56	56	59	10.82	cps
Bismuth	209-1	6764553	5815212	7074388	6551384	10.01	cps
Bismuth	209-2	3985087	3958751	4023698	3989179	0.82	cps
Boron	10-1	3217	3150	3259	3209	1.70	cps
Boron	11-1	14073	14691	15150	14638	3.69	cps
Bromine	81-1	27068	26400	27034	26834	1.40	cps
Bromine	81-2	761	741	711	737	3.42	cps
Cadmium	111-1	154	153	147	151	2.47	cps
Cadmium	106-1	5309	5143	4984	5146	3.16	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	115825	118059	116858	116914	0.96	cps
Calcium	44-1	1861137	1833684	1860400	1851741	0.84	cps
Chromium	52-2	1143	1217	1333	1231	7.78	cps
Cobalt	59-2	70	97	57	74	27.36	cps
Copper	63-2	2852	3187	2942	2994	5.79	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	83	33	42	53	50.76	cps
Erbium	164-2	53	27	27	36	43.29	cps
Gadolinium	160-1	142	125	92	119	21.31	cps
Gadolinium	160-2	143	147	110	133	15.21	cps
Holmium	165-1	10980021	11163540	11135899	11093153	0.89	cps
Holmium	165-2	6755427	6685954	6785605	6742328	0.76	cps
Indium	115-1	9056577	9202918	9281632	9180376	1.24	cps
Indium	115-2	2187813	2195949	2208397	2197386	0.47	cps
Iron	54-2	2993	3043	2903	2980	2.38	cps
Iron	56-2	37971	37186	37086	37414	1.30	cps
Iron	57-2	1572	1683	1378	1545	10.01	cps
Krypton	83-1	743	823	767	778	5.29	cps
Lead	206-1	939	1028	1050	1006	5.85	cps
Lead	207-1	800	828	939	856	8.59	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:40:22	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3745	3828	4123	3898	5.09	cps
Lithium	6-1	2475653	2519196	2512577	2502475	0.94	cps
Magnesium	24-2	330062	330974	327963	329666	0.47	cps
Manganese	55-2	993	1167	1140	1100	8.49	cps
Molybdenum	94-1	467	442	508	472	7.13	cps
Molybdenum	95-1	492	492	500	494	0.97	cps
Molybdenum	96-1	550	708	633	631	12.56	cps
Molybdenum	97-1	317	342	350	336	5.16	cps
Molybdenum	98-1	958	875	792	875	9.52	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	393	457	437	429	7.55	cps
Phosphorus	31-2	500	508	450	486	6.49	cps
Potassium	39-2	183823	186431	180873	183709	1.51	cps
Rhodium	103-1	8544993	8671784	8658762	8625179	0.81	cps
Rhodium	103-2	4407029	4381439	4415443	4401304	0.40	cps
Scandium	45-1	6687337	6636036	6611034	6644802	0.59	cps
Scandium	45-2	367743	371068	369035	369282	0.45	cps
Selenium	82-1	27	-73	2	-14	-360.71	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	161	150	191	167	12.59	cps
Silicon	28-1	3804382	3773047	3799176	3792202	0.44	cps
Silver	109-1	150	167	200	172	14.78	cps
Silver	107-1	292	250	317	286	11.77	cps
Sodium	23-2	2407311	2389567	2380417	2392432	0.57	cps
Strontium	86-1	55557	54805	55156	55173	0.68	cps
Strontium	88-1	464323	463582	462301	463402	0.22	cps
Sulfur	34-1	713247	715355	715035	714546	0.16	cps
Terbium	159-1	11500969	11619339	11525435	11548581	0.54	cps
Terbium	159-2	6659313	6636310	6741678	6679100	0.83	cps
Thallium	203-1	208	192	258	219	15.81	cps
Thallium	205-1	667	533	417	539	23.21	cps
Thorium	232-1	261	206	100	189	43.33	cps
Tin	118-1	1033	1000	1167	1067	8.27	cps
Titanium	47-1	592	575	400	522	20.33	cps
Uranium	238-1	208	208	175	197	9.76	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:40:22	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	113	77	127	106	24.53	cps
Yttrium	89-1	12986776	13173727	12949999	13036834	0.92	cps
Yttrium	89-2	2249838	2252282	2240954	2247692	0.27	cps
Zinc	66-2	76435	76365	73735	75512	2.04	cps
Zirconium	90-1	850	775	892	839	7.05	cps
Zirconium	91-1	167	175	108	150	24.22	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:43:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725	700	550	658	14.38	cps
Antimony	121-1	475	400	408	428	9.61	cps
Arsenic	75-2	26	24	22	24	7.71	cps
Barium	135-1	12397	12781	12756	12645	1.70	cps
Barium	137-1	21292	21359	21567	21406	0.67	cps
Beryllium	9-1	61	100	78	80	24.50	cps
Bismuth	209-1	6966333	6947881	5767464	6560559	10.47	cps
Bismuth	209-2	3958173	4012955	4008113	3993080	0.76	cps
Boron	10-1	2800	2809	2992	2867	3.78	cps
Boron	11-1	13798	14466	13965	14076	2.47	cps
Bromine	81-1	25815	26049	26099	25988	0.58	cps
Bromine	81-2	681	721	671	691	3.84	cps
Cadmium	111-1	140	206	151	166	21.47	cps
Cadmium	106-1	5326	4993	5193	5171	3.25	cps
Cadmium	108-1	25	21	38	28	31.23	cps
Calcium	43-1	114766	114507	111433	113569	1.63	cps
Calcium	44-1	1821823	1816078	1790940	1809614	0.91	cps
Chromium	52-2	1223	1297	1300	1273	3.40	cps
Cobalt	59-2	77	97	50	74	31.45	cps
Copper	63-2	3131	3030	3137	3099	1.93	cps
Dysprosium	156-1	58	42	25	42	40.00	cps
Dysprosium	156-2	40	20	33	31	32.73	cps
Erbium	164-1	50	108	58	72	43.69	cps
Erbium	164-2	17	47	33	32	46.65	cps
Gadolinium	160-1	33	58	83	58	42.87	cps
Gadolinium	160-2	117	167	107	130	24.73	cps
Holmium	165-1	10922012	11152904	11057627	11044181	1.05	cps
Holmium	165-2	6555832	6587170	6565037	6569346	0.25	cps
Indium	115-1	9147105	9367501	9160277	9224961	1.34	cps
Indium	115-2	2182378	2185068	2188240	2185229	0.13	cps
Iron	54-2	2393	2883	2703	2660	9.33	cps
Iron	56-2	36991	37108	35983	36694	1.69	cps
Iron	57-2	1456	1567	1528	1517	3.72	cps
Krypton	83-1	713	647	760	707	8.06	cps
Lead	206-1	978	956	906	946	3.91	cps
Lead	207-1	722	694	744	720	3.48	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:43:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3478	3378	3339	3398	2.11	cps
Lithium	6-1	2535319	2542070	2525735	2534375	0.32	cps
Magnesium	24-2	320343	324886	316994	320741	1.23	cps
Manganese	55-2	1187	1167	1133	1162	2.32	cps
Molybdenum	94-1	467	525	450	481	8.19	cps
Molybdenum	95-1	592	425	492	503	16.68	cps
Molybdenum	96-1	417	558	625	533	19.95	cps
Molybdenum	97-1	275	317	275	289	8.33	cps
Molybdenum	98-1	758	875	717	783	10.48	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	483	393	463	447	10.58	cps
Phosphorus	31-2	400	342	525	422	22.18	cps
Potassium	39-2	179142	182018	180830	180663	0.80	cps
Rhodium	103-1	8795709	8715174	8608654	8706512	1.08	cps
Rhodium	103-2	4379356	4392138	4412387	4394627	0.38	cps
Scandium	45-1	6598133	6617687	6510492	6575437	0.87	cps
Scandium	45-2	365977	371710	370846	369511	0.84	cps
Selenium	82-1	100	93	-21	58	117.64	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	157	141	154	151	5.81	cps
Silicon	28-1	3786759	3755049	3744106	3761972	0.59	cps
Silver	109-1	175	150	142	156	11.15	cps
Silver	107-1	233	192	208	211	9.93	cps
Sodium	23-2	2337385	2352631	2317001	2335672	0.77	cps
Strontium	86-1	53575	54001	53909	53829	0.42	cps
Strontium	88-1	456751	460894	452945	456863	0.87	cps
Sulfur	34-1	708083	705808	704539	706143	0.25	cps
Terbium	159-1	11464560	11515483	11763603	11581215	1.38	cps
Terbium	159-2	6684256	6705559	6731583	6707133	0.35	cps
Thallium	203-1	92	108	133	111	18.88	cps
Thallium	205-1	200	233	150	194	21.57	cps
Thorium	232-1	228	217	206	217	5.13	cps
Tin	118-1	983	1075	942	1000	6.82	cps
Titanium	47-1	508	392	500	467	13.95	cps
Uranium	238-1	150	192	208	183	16.39	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	PW-2DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-11-02 16:43:52	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	93	130	117	113	16.38	cps
Yttrium	89-1	13034149	13156415	13181960	13124175	0.60	cps
Yttrium	89-2	2246937	2250868	2245092	2247633	0.13	cps
Zinc	66-2	74127	73936	72261	73441	1.40	cps
Zirconium	90-1	800	658	708	722	9.95	cps
Zirconium	91-1	208	67	183	153	49.49	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	PW-2LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-11-02 16:47:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	200	258	239	14.10	cps
Antimony	121-1	350	200	300	283	26.96	cps
Arsenic	75-2	9	9	9	9	0.00	cps
Barium	135-1	2392	2350	2542	2428	4.15	cps
Barium	137-1	4201	4176	4042	4140	2.06	cps
Beryllium	9-1	67	78	83	76	11.18	cps
Bismuth	209-1	5799863	5700972	5678106	5726314	1.13	cps
Bismuth	209-2	3949007	3918245	3966005	3944419	0.61	cps
Boron	10-1	1942	1884	1867	1897	2.08	cps
Boron	11-1	9278	8536	9245	9020	4.65	cps
Bromine	81-1	21942	22651	22168	22254	1.63	cps
Bromine	81-2	140	160	300	200	43.59	cps
Cadmium	111-1	155	174	161	163	5.83	cps
Cadmium	106-1	5226	5309	5093	5209	2.10	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	22184	21224	22142	21850	2.48	cps
Calcium	44-1	365912	363322	353519	360918	1.81	cps
Chromium	52-2	1120	1097	1120	1112	1.21	cps
Cobalt	59-2	40	33	50	41	20.41	cps
Copper	63-2	1301	1215	1389	1301	6.69	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	92	58	64	39.85	cps
Erbium	164-2	30	13	23	22	37.76	cps
Gadolinium	160-1	117	108	58	94	33.41	cps
Gadolinium	160-2	113	130	123	122	6.86	cps
Holmium	165-1	10967516	11040984	10674193	10894231	1.78	cps
Holmium	165-2	6655039	6723568	6622230	6666946	0.78	cps
Indium	115-1	9206445	9187430	9028774	9140883	1.07	cps
Indium	115-2	2144507	2170465	2160495	2158489	0.61	cps
Iron	54-2	1672	1552	1772	1665	6.62	cps
Iron	56-2	13273	13312	13251	13278	0.23	cps
Iron	57-2	544	600	500	548	9.14	cps
Krypton	83-1	730	747	723	733	1.64	cps
Lead	206-1	589	506	439	511	14.70	cps
Lead	207-1	428	383	494	435	12.85	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	PW-2LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-11-02 16:47:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1983	2000	1961	1982	0.98	cps
Lithium	6-1	2515536	2505778	2472454	2497923	0.90	cps
Magnesium	24-2	61903	60840	59903	60882	1.64	cps
Manganese	55-2	253	290	260	268	7.29	cps
Molybdenum	94-1	308	275	300	294	5.89	cps
Molybdenum	95-1	125	100	158	128	22.91	cps
Molybdenum	96-1	200	233	150	194	21.57	cps
Molybdenum	97-1	75	50	100	75	33.33	cps
Molybdenum	98-1	225	175	142	181	23.23	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	137	143	160	147	8.19	cps
Phosphorus	31-2	292	275	283	283	2.94	cps
Potassium	39-2	89502	88387	89830	89240	0.85	cps
Rhodium	103-1	8514002	8486453	8410359	8470272	0.63	cps
Rhodium	103-2	4330235	4410617	4396323	4379058	0.98	cps
Scandium	45-1	6569965	6589361	6494626	6551317	0.76	cps
Scandium	45-2	365778	366586	364451	365605	0.29	cps
Selenium	82-1	35	37	3	25	77.75	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	148	115	169	144	18.85	cps
Silicon	28-1	1495007	1480556	1494548	1490037	0.55	cps
Silver	109-1	108	167	233	169	36.91	cps
Silver	107-1	133	250	292	225	36.48	cps
Sodium	23-2	481974	484922	483686	483527	0.31	cps
Strontium	86-1	11572	11105	10896	11191	3.09	cps
Strontium	88-1	87943	86719	86778	87146	0.79	cps
Sulfur	34-1	685586	688917	680103	684869	0.65	cps
Terbium	159-1	11557863	11476277	11337233	11457125	0.97	cps
Terbium	159-2	6628557	6732790	6684549	6681965	0.78	cps
Thallium	203-1	75	75	58	69	13.86	cps
Thallium	205-1	233	158	183	192	19.92	cps
Thorium	232-1	211	211	206	209	1.53	cps
Tin	118-1	858	883	1133	958	15.87	cps
Titanium	47-1	317	217	308	281	19.78	cps
Uranium	238-1	42	33	42	39	12.38	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	L4576-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	PW-2LDL	Dilution Factor :	25
Date & Time Acquired ::	2020-11-02 16:47:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	17	23	21	18.21	cps
Yttrium	89-1	12844671	12705094	12751245	12767003	0.56	cps
Yttrium	89-2	2211002	2239003	2228967	2226324	0.64	cps
Zinc	66-2	14778	14487	13987	14417	2.77	cps
Zirconium	90-1	683	608	550	614	10.89	cps
Zirconium	91-1	117	125	142	128	9.96	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:07:33	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5031452	5126958	5193740	5117383	1.59	cps
Antimony	121-1	3636584	3620753	3622595	3626644	0.24	cps
Arsenic	75-2	171963	171391	173798	172384	0.73	cps
Barium	135-1	4443817	4428800	4392484	4421700	0.60	cps
Barium	137-1	8297921	8245486	8221833	8255080	0.47	cps
Beryllium	9-1	808347	794846	793919	799037	1.01	cps
Bismuth	209-1	5229695	5158696	5231164	5206518	0.80	cps
Bismuth	209-2	3599306	3592091	3615911	3602436	0.34	cps
Boron	10-1	104786	105146	106262	105398	0.73	cps
Boron	11-1	514109	509992	520849	514983	1.06	cps
Bromine	81-1	21717	21366	21850	21645	1.15	cps
Bromine	81-2	70	50	70	63	18.23	cps
Cadmium	111-1	2070573	2061132	2056208	2062638	0.35	cps
Cadmium	106-1	113568	113081	112341	112997	0.55	cps
Cadmium	108-1	74133	74485	74377	74332	0.24	cps
Calcium	43-1	6455968	6468436	6262819	6395741	1.80	cps
Calcium	44-1	101851398	101212777	98199500	100421225	1.94	cps
Chromium	52-2	1530268	1528002	1534769	1531013	0.22	cps
Cobalt	59-2	2283103	2299080	2302498	2294894	0.45	cps
Copper	63-2	18055155	17926672	18162931	18048253	0.66	cps
Dysprosium	156-1	392	358	317	356	10.57	cps
Dysprosium	156-2	267	237	273	259	7.54	cps
Erbium	164-1	75	125	50	83	45.83	cps
Erbium	164-2	30	50	53	44	28.39	cps
Gadolinium	160-1	383	308	367	353	11.16	cps
Gadolinium	160-2	303	277	313	298	6.37	cps
Holmium	165-1	10799971	10664509	10909907	10791462	1.14	cps
Holmium	165-2	6601317	6660550	6624213	6628693	0.45	cps
Indium	115-1	8705243	8583561	8831250	8706685	1.42	cps
Indium	115-2	2082623	2092433	2113671	2096242	0.76	cps
Iron	54-2	16598951	16899236	16983814	16827334	1.20	cps
Iron	56-2	307126007	309578018	311040463	309248162	0.64	cps
Iron	57-2	7645651	7593470	7686350	7641824	0.61	cps
Krypton	83-1	673	797	660	710	10.61	cps
Lead	206-1	14609556	14592022	14332787	14511455	1.07	cps
Lead	207-1	12548408	12593097	12459516	12533674	0.54	cps

LB Number : LB111794 Operator : JASWAL
 Lab Sample ID : CCV14 Instrumnet Name : P7
 Client Sample ID : CCV14 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	56918501	57299399	56784098	57000666	0.47	cps
Lithium	6-1	2468768	2474239	2465537	2469514	0.18	cps
Magnesium	24-2	56634587	58844155	58727060	58068601	2.14	cps
Manganese	55-2	9967776	10010384	10163405	10047189	1.02	cps
Molybdenum	94-1	8319080	8341796	8412684	8357853	0.58	cps
Molybdenum	95-1	10158984	10329698	10162600	10217094	0.95	cps
Molybdenum	96-1	11269610	11405608	11326908	11334042	0.60	cps
Molybdenum	97-1	6457765	6414843	6350914	6407841	0.84	cps
Molybdenum	98-1	16270409	16059631	16134099	16154713	0.66	cps
Neodymium	150-1	407	393	400	400	1.67	cps
Neodymium	150-2	67	57	50	58	14.52	cps
Nickel	60-2	593880	590244	595209	593111	0.43	cps
Phosphorus	31-2	65895	67076	65519	66163	1.23	cps
Potassium	39-2	31262804	31828600	31715202	31602202	0.95	cps
Rhodium	103-1	8152213	8098302	7966000	8072172	1.19	cps
Rhodium	103-2	4117573	4103402	4122994	4114656	0.25	cps
Scandium	45-1	6738611	6640996	6629994	6669867	0.90	cps
Scandium	45-2	380062	383417	384347	382609	0.59	cps
Selenium	82-1	70061	69101	70099	69754	0.81	cps
Selenium	77-2	4277	4114	4081	4157	2.53	cps
Selenium	78-2	14342	14303	14767	14471	1.78	cps
Silicon	28-1	5142223	5182776	5306769	5210589	1.65	cps
Silver	109-1	4120680	4192972	4144799	4152817	0.89	cps
Silver	107-1	4439396	4359050	4373050	4390499	0.98	cps
Sodium	23-2	99390025	100083708	99814102	99762612	0.35	cps
Strontium	86-1	1298582	1300797	1298805	1299394	0.09	cps
Strontium	88-1	11827100	11996752	11719995	11847949	1.18	cps
Sulfur	34-1	1099700	1088444	1084209	1090785	0.73	cps
Terbium	159-1	11430612	11393621	11175263	11333165	1.22	cps
Terbium	159-2	6633352	6611691	6709969	6651671	0.78	cps
Thallium	203-1	2940897	2874931	2898276	2904701	1.15	cps
Thallium	205-1	8117283	8039738	7963405	8040142	0.96	cps
Thorium	232-1	11546357	11374204	11669448	11530003	1.29	cps
Tin	118-1	2927857	2918481	2904261	2916866	0.41	cps
Titanium	47-1	3053481	3032593	2990274	3025449	1.06	cps
Uranium	238-1	10114285	9997952	10129318	10080519	0.71	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:07:33	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1306230	1314766	1315271	1312089	0.39	cps
Yttrium	89-1	12851290	12814497	12813681	12826490	0.17	cps
Yttrium	89-2	2254749	2247795	2260195	2254246	0.28	cps
Zinc	66-2	2488981	2478393	2503475	2490283	0.51	cps
Zirconium	90-1	7075717	6996139	7024775	7032210	0.57	cps
Zirconium	91-1	1517453	1523440	1511178	1517357	0.40	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:11:14	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	633	758	758	16.48	cps
Antimony	121-1	1442	1242	1250	1311	8.63	cps
Arsenic	75-2	11	20	19	17	29.40	cps
Barium	135-1	200	167	167	178	10.83	cps
Barium	137-1	242	275	250	256	6.79	cps
Beryllium	9-1	156	94	161	137	26.99	cps
Bismuth	209-1	6797703	5702253	5656128	6052028	10.68	cps
Bismuth	209-2	3898600	3953714	3904423	3918912	0.77	cps
Boron	10-1	5526	5218	4459	5068	10.84	cps
Boron	11-1	25480	24988	23911	24793	3.24	cps
Bromine	81-1	21450	22418	21083	21650	3.19	cps
Bromine	81-2	70	20	60	50	52.92	cps
Cadmium	111-1	321	224	335	293	20.53	cps
Cadmium	106-1	5184	5276	4959	5140	3.17	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	658	608	500	589	13.74	cps
Calcium	44-1	24980	25180	24763	24974	0.84	cps
Chromium	52-2	1143	1100	1117	1120	1.95	cps
Cobalt	59-2	97	87	93	92	5.52	cps
Copper	63-2	2095	2142	1965	2068	4.42	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	58	42	75	58	28.57	cps
Erbium	164-2	40	27	27	31	24.74	cps
Gadolinium	160-1	83	25	50	53	55.46	cps
Gadolinium	160-2	107	137	173	139	24.04	cps
Holmium	165-1	11212475	10834856	11031358	11026230	1.71	cps
Holmium	165-2	6680877	6635331	6681600	6665936	0.40	cps
Indium	115-1	9423632	9121592	9157248	9234157	1.79	cps
Indium	115-2	2215443	2206501	2209542	2210495	0.21	cps
Iron	54-2	2303	2002	1722	2009	14.46	cps
Iron	56-2	17811	17405	17132	17449	1.96	cps
Iron	57-2	589	633	511	578	10.71	cps
Krypton	83-1	767	683	760	737	6.29	cps
Lead	206-1	4907	4423	4123	4484	8.82	cps
Lead	207-1	4206	3695	3106	3669	15.01	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:11:14	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	18700	16977	15337	17005	9.89	cps
Lithium	6-1	2595588	2568304	2593336	2585743	0.59	cps
Magnesium	24-2	2242	2209	2317	2256	2.46	cps
Manganese	55-2	390	377	427	398	6.51	cps
Molybdenum	94-1	825	692	683	733	10.84	cps
Molybdenum	95-1	992	767	758	839	15.78	cps
Molybdenum	96-1	1133	925	717	925	22.52	cps
Molybdenum	97-1	467	433	383	428	9.81	cps
Molybdenum	98-1	1350	1392	1258	1333	5.12	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	110	110	101	15.23	cps
Phosphorus	31-2	175	183	125	161	19.58	cps
Potassium	39-2	77418	76170	76773	76787	0.81	cps
Rhodium	103-1	9024849	8702691	8671826	8799789	2.22	cps
Rhodium	103-2	4425315	4476665	4471895	4457958	0.64	cps
Scandium	45-1	6936908	6600078	6762883	6766623	2.49	cps
Scandium	45-2	382115	386029	383810	383985	0.51	cps
Selenium	82-1	20	83	-2	34	131.56	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	154	143	180	159	11.98	cps
Silicon	28-1	1029227	1024820	1030806	1028284	0.30	cps
Silver	109-1	467	583	408	486	18.33	cps
Silver	107-1	708	500	667	625	17.64	cps
Sodium	23-2	54533	54549	54616	54566	0.08	cps
Strontium	86-1	1142	1250	1342	1245	8.05	cps
Strontium	88-1	642	975	633	750	25.99	cps
Sulfur	34-1	658440	654794	652890	655375	0.43	cps
Terbium	159-1	11867045	11388419	11313518	11522994	2.61	cps
Terbium	159-2	6694560	6652855	6684333	6677249	0.33	cps
Thallium	203-1	433	333	333	367	15.75	cps
Thallium	205-1	867	883	817	856	4.06	cps
Thorium	232-1	1456	1322	1506	1428	6.64	cps
Tin	118-1	1608	1417	1508	1511	6.34	cps
Titanium	47-1	242	275	225	247	10.30	cps
Uranium	238-1	233	242	275	250	8.82	cps

LB Number :	LB111794	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-11-02 17:11:14	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	63	50	52	19.50	cps
Yttrium	89-1	13563313	13272844	13139771	13325309	1.63	cps
Yttrium	89-2	2286448	2296799	2309946	2297731	0.51	cps
Zinc	66-2	523	660	660	614	12.84	cps
Zirconium	90-1	1000	1050	1142	1064	6.75	cps
Zirconium	91-1	183	183	167	178	5.41	cps