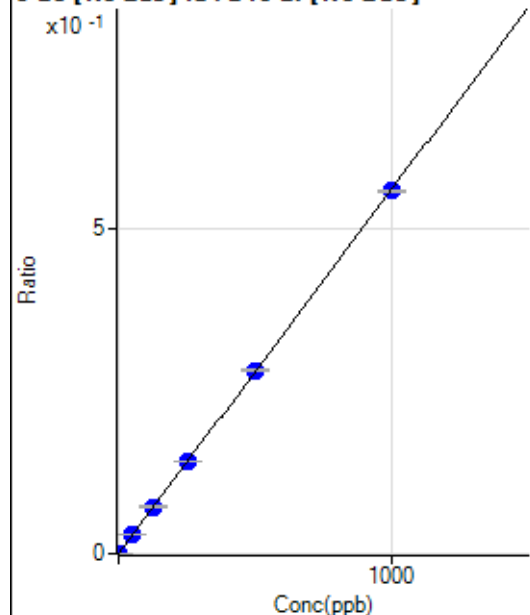


Batch Folder: D:\ICP-MS Data\P7120117-MS.b\
Analysis File: P7120117-MS.batch.bin
DA Date-Time: 2017-12-01 15:03:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-12-01 11:38:23
2			
3	005CALS.d	S02	2017-12-01 11:46:17
4	006CALS.d	S03	2017-12-01 11:50:07
5	007CALS.d	S04	2017-12-01 11:53:58
6	008CALS.d	S05	2017-12-01 11:57:47
7	009CALS.d	S06	2017-12-01 12:01:33
8	010CALS.d	S07	2017-12-01 12:05:19
9	011CALS.d	S08	2017-12-01 12:09:01

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.41	0.0000	P	7.2
2	☐	0.100					
3	☐	1.000	0.961	1529.75	0.0006	P	3.6
4	☐	50.000	51.295	74322.34	0.0288	P	1.2
5	☐	125.000	128.914	183055.33	0.0723	P	1.1
6	☐	250.000	254.066	357471.65	0.1425	P	1.1
7	☐	500.000	504.148	696623.24	0.2827	P	0.3
8	☐	1000.000	996.355	1340672.56	0.5587	P	0.7
9	☐			1166.74	0.0005	P	10.6

$$y = 5.6073\text{E-}004 * x + 4.4239\text{E-}005$$

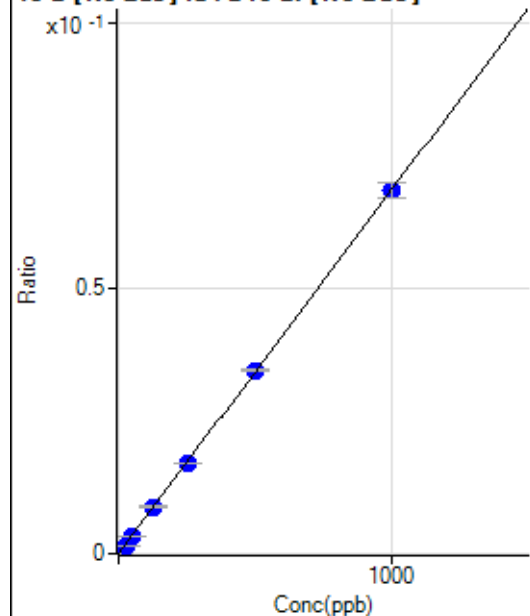
$$R = 1.0000$$

$$DL = 0.01705$$

$$BEC = 0.0789$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	49.3
2	☐	2.500					
3	☐	25.000	22.150	4064.60	0.0016	P	5.4
4	☐	50.000	48.977	8741.75	0.0034	P	0.5
5	☐	125.000	127.259	22139.08	0.0087	P	4.3
6	☐	250.000	249.974	43028.94	0.0172	P	0.5
7	☐	500.000	504.410	85192.32	0.0346	P	1.4
8	☐	1000.000	997.642	163976.21	0.0684	P	4.2
9	☐			3770.07	0.0016	P	11.8

$$y = 6.8482\text{E-}005 * x + 3.4186\text{E-}005$$

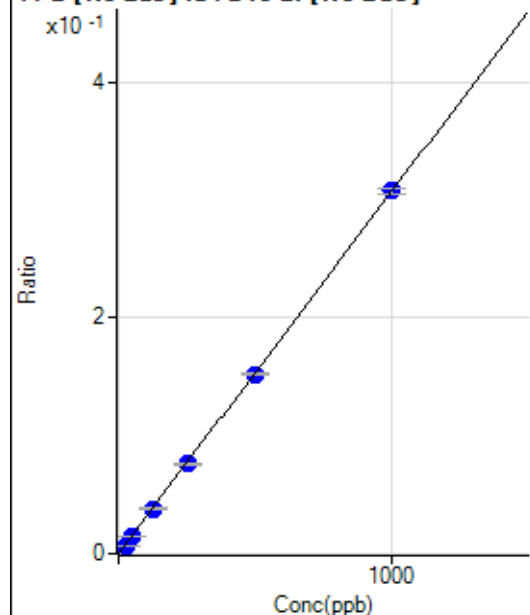
$$R = 1.0000$$

$$DL = 0.7378$$

$$BEC = 0.4992$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.02	0.0002	P	10.5
2	☐	2.500					
3	☐	25.000	21.376	17652.50	0.0067	P	5.2
4	☐	50.000	49.315	39505.14	0.0153	P	1.3
5	☐	125.000	124.013	96772.33	0.0382	P	1.9
6	☐	250.000	246.854	190511.53	0.0759	P	1.3
7	☐	500.000	496.577	375959.47	0.1526	P	1.5
8	☐	1000.000	1002.746	738869.10	0.3080	P	1.9
9	☐			16857.27	0.0074	P	9.9

$$y = 3.0693\text{E-}004 * x + 1.7493\text{E-}004$$

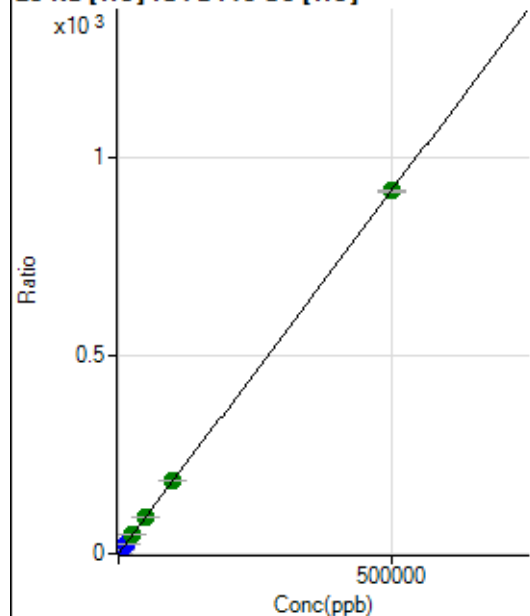
$$R = 1.0000$$

$$DL = 0.1793$$

$$BEC = 0.5699$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9378.30	0.0733	P	1.9
2	☐	50.000					
3	☐	500.000	467.165	119293.46	0.9279	P	1.4
4	☐	5000.000	5012.730	1183938.91	9.2430	P	3.3
5	☐	12500.000	12676.207	2946445.51	23.2616	P	0.9
6	☐	25000.000	25871.731	5747708.94	47.3999	A	0.8
7	☐	50000.000	50772.716	11430015.97	92.9507	A	1.5
8	☐	100000.00	100260.49	22223984.70	183.4777	A	0.5
9	☐	500000.00	499822.54	110685785.8	914.3881	A	0.9

$$y = 0.0018 * x + 0.0733$$

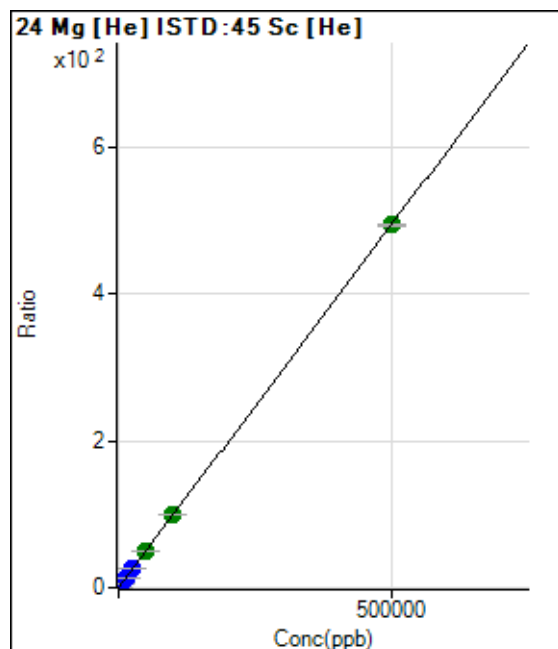
$$R = 1.0000$$

$$DL = 2.247$$

$$BEC = 40.06$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2516.99	0.0197	P	5.4
2	☐	50.000					
3	☐	500.000	448.097	59404.51	0.4621	P	2.1
4	☐	5000.000	5020.697	637512.58	4.9767	P	3.0
5	☐	12500.000	12649.025	1584377.60	12.5084	P	1.0
6	☐	25000.000	26016.786	3117171.14	25.7067	P	0.9
7	☐	50000.000	51138.149	6210898.58	50.5097	A	1.8
8	☐	100000.00	100771.30	12053764.33	99.5137	A	0.5
9	☐	500000.00	499677.20	59722019.39	493.3636	A	0.7

$$y = 9.8733\text{E-}004 * x + 0.0197$$

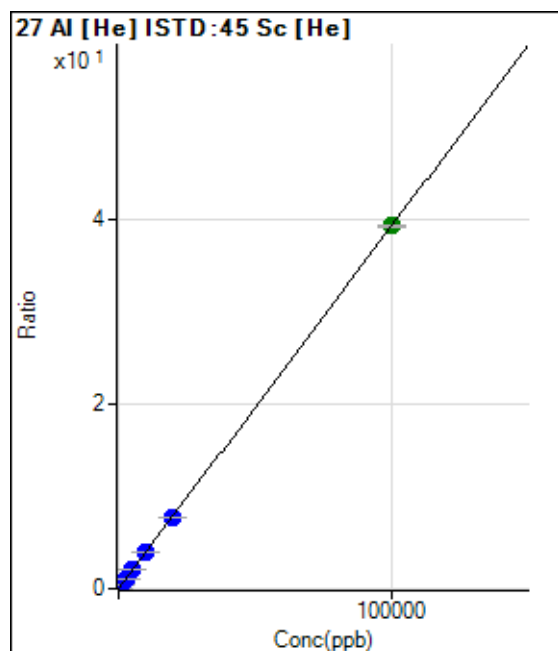
$$R = 1.0000$$

$$DL = 3.242$$

$$BEC = 19.92$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1008.41	0.0079	P	8.5
2	☐	2.000					
3	☐	20.000	-0.676	980.63	0.0076	P	12.1
4	☐	1000.000	984.835	50564.15	0.3948	P	4.1
5	☐	2500.000	2484.235	124626.78	0.9839	P	0.8
6	☐	5000.000	5113.719	244575.39	2.0169	P	0.7
7	☐	10000.000	9982.451	483195.33	3.9297	P	2.3
8	☐	20000.000	19690.447	937980.52	7.7438	P	0.9
9	☐	100000.00	100058.52	4759717.94	39.3184	A	0.4

$$y = 3.9288\text{E-}004 * x + 0.0079$$

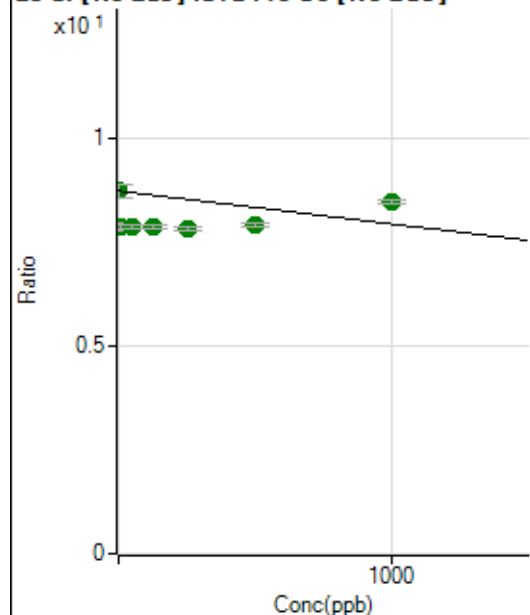
$$R = 1.0000$$

$$DL = 5.112$$

$$BEC = 20.07$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23019438.71	8.7455	A	3.6
2	☐	1.000					
3	☐	10.000	1064.859	22885674.12	7.8985	A	2.3
4	☐	50.000	1077.123	22506713.00	7.8887	A	1.2
5	☐	125.000	1103.870	22099293.20	7.8674	A	1.1
6	☐	250.000	1118.370	21948878.44	7.8559	A	1.2
7	☐	500.000	1029.818	21848660.38	7.9263	A	0.6
8	☐	1000.000	333.735	22888971.34	8.4800	A	1.3
9	☐			21320137.11	8.1330	A	2.3

$$y = -7.9546E-004 * x + 8.7455$$

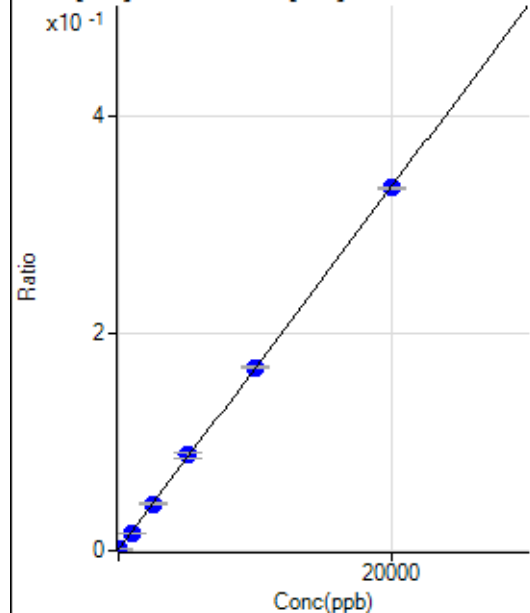
$$R = 0.2534$$

$$DL = -1201$$

$$BEC = -1.099E+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-18.245	119.45	0.0009	P	36.8
2	☐	0.000					
3	☐	0.000	18.245	197.23	0.0015	P	31.1
4	☐	1000.000	889.300	2061.35	0.0161	P	5.0
5	☐	2500.000	2504.063	5451.24	0.0430	P	2.0
6	☐	5000.000	5193.322	10662.59	0.0879	P	5.1
7	☐	10000.000	10049.653	20784.58	0.1690	P	0.6
8	☐	20000.000	19931.870	40455.78	0.3340	P	0.8
9	☐			202.79	0.0017	P	26.9

$$y = 1.6695E-005 * x + 0.0012$$

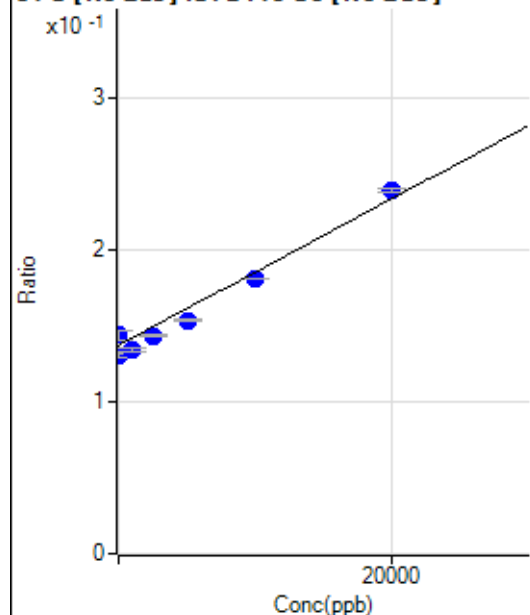
$$R = 0.9999$$

$$DL = 73.71$$

$$BEC = 73.92$$

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	1436.696	379075.01	0.1440	P	4.5
2	☐	0.000					
3	☐	0.000	-1436.696	377309.05	0.1302	P	2.1
4	☐	1000.000	-576.766	383314.23	0.1344	P	1.5
5	☐	2500.000	1264.658	402320.18	0.1432	P	0.8
6	☐	5000.000	3379.888	428606.41	0.1534	P	1.0
7	☐	10000.000	9127.754	499144.42	0.1811	P	0.4
8	☐	20000.000	21074.407	644027.94	0.2386	P	1.2
9	☐			338363.49	0.1291	P	1.8

$$y = 4.8148\text{E-}006 * x + 0.1371$$

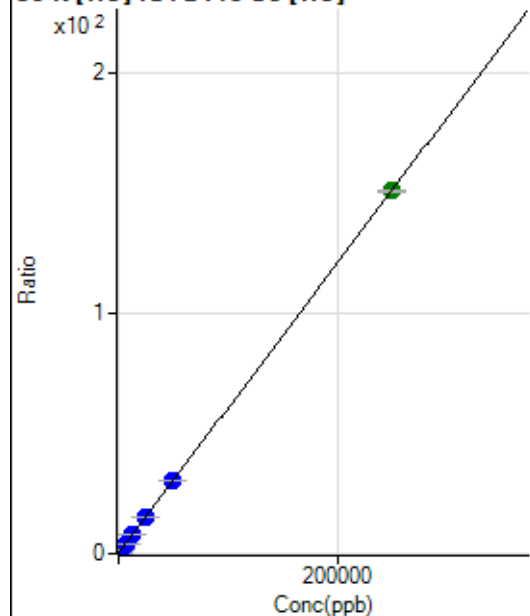
$$R = 0.9888$$

$$DL = 2886$$

$$BEC = 2.848\text{E}+04$$

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	18395.47	0.1437	P	1.3
2	☐	50.000					
3	☐	500.000	442.054	52711.34	0.4100	P	1.6
4	☐	2500.000	2472.695	209200.48	1.6330	P	2.8
5	☐	6250.000	6219.497	492692.90	3.8897	P	1.0
6	☐	12500.000	12740.333	947880.74	7.8172	P	1.4
7	☐	25000.000	24970.732	1866996.48	15.1835	P	2.0
8	☐	50000.000	49731.391	3645528.99	30.0967	P	0.4
9	☐	250000.00	250045.78	18248300.41	150.7452	A	0.6

$$y = 6.0230\text{E-}004 * x + 0.1437$$

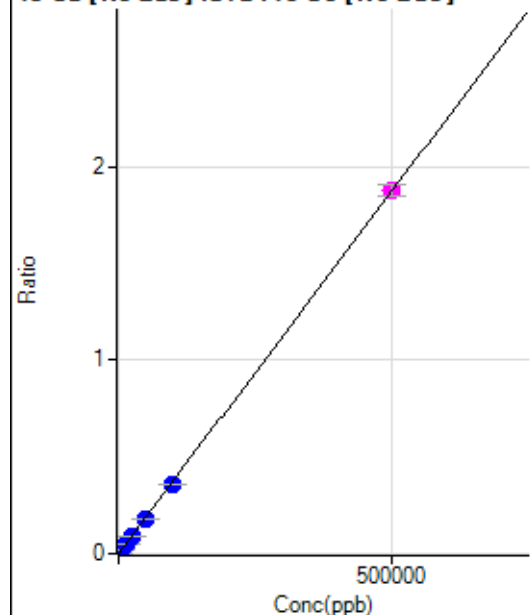
$$R = 1.0000$$

$$DL = 9.092$$

$$BEC = 238.7$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	19.0
2	☐	50.000					
3	☐	500.000	433.560	4837.13	0.0017	P	3.7
4	☐	5000.000	4737.749	50665.45	0.0178	P	1.5
5	☐	12500.000	12019.120	126349.38	0.0450	P	0.8
6	☐	25000.000	23974.015	250529.56	0.0897	P	1.3
7	☐	50000.000	48086.034	495640.02	0.1798	P	0.1
8	☐	100000.00	96270.838	971541.63	0.3599	P	1.2
9	☐	500000.00	501003.23	4908858.44	1.8730	M	3.3

$$y = 3.7383\text{E-}006 * x + 4.7537\text{E-}005$$

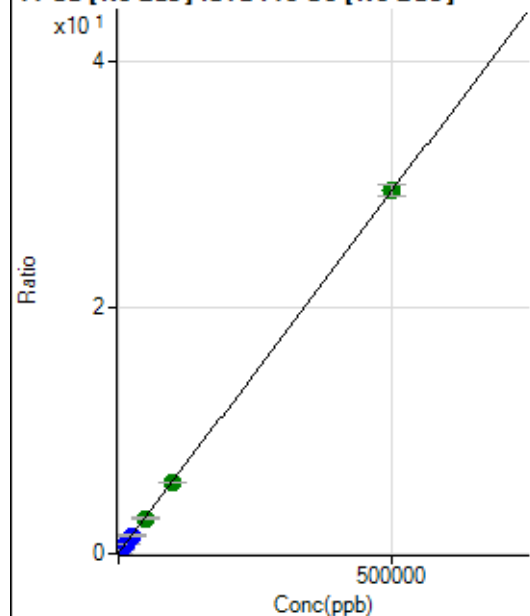
$$R = 1.0000$$

$$DL = 7.241$$

$$BEC = 12.72$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87586.89	0.0333	P	5.6
2	☐	50.000					
3	☐	500.000	365.108	158759.89	0.0548	P	2.2
4	☐	5000.000	4842.276	908479.01	0.3184	P	0.9
5	☐	12500.000	12249.278	2119602.56	0.7546	P	0.6
6	☐	25000.000	24575.661	4136028.43	1.4804	P	1.3
7	☐	50000.000	48537.910	7969961.03	2.8913	A	0.4
8	☐	100000.00	97068.195	15517691.66	5.7490	A	1.0
9	☐	500000.00	500761.76	77369981.59	29.5196	A	3.2

$$y = 5.8883\text{E-}005 * x + 0.0333$$

$$R = 1.0000$$

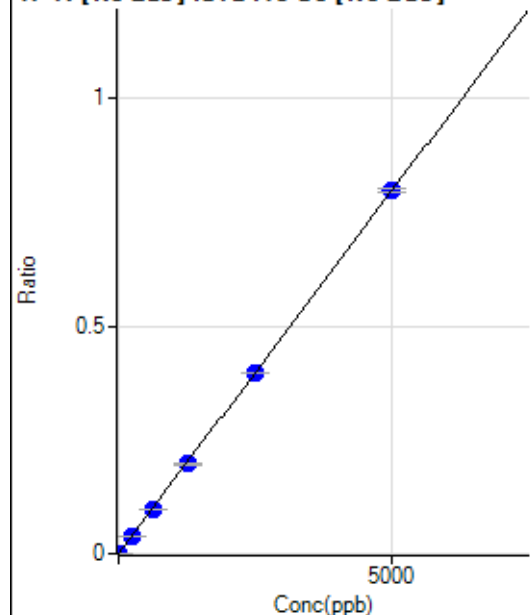
$$DL = 95.5$$

$$BEC = 565.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.205	2041.89	0.0007	P	7.7
4	☐	250.000	248.873	113095.20	0.0396	P	0.9
5	☐	625.000	619.950	277229.49	0.0987	P	0.3
6	☐	1250.000	1236.115	549709.13	0.1967	P	0.5
7	☐	2500.000	2497.858	1095785.41	0.3975	P	0.6
8	☐	5000.000	5005.230	2150024.55	0.7965	P	1.0
9	☐			605.60	0.0002	P	11.5

$$y = 1.5913E-004 * x + 3.5844E-005$$

$$R = 1.0000$$

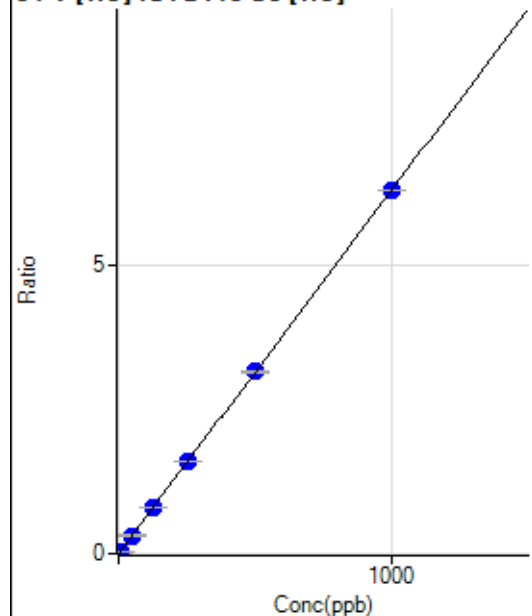
$$DL = 0.08693$$

$$BEC = 0.2252$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0001	P	66.5
2	☐	0.500					
3	☐	5.000	4.549	3701.64	0.0288	P	2.9
4	☐	50.000	49.890	40379.64	0.3152	P	2.8
5	☐	125.000	125.232	100215.86	0.7911	P	0.2
6	☐	250.000	254.729	195131.84	1.6092	P	0.8
7	☐	500.000	500.462	388739.69	3.1615	P	2.0
8	☐	1000.000	998.565	764064.91	6.3079	P	0.1
9	☐			127.78	0.0011	P	16.8

$$y = 0.0063 * x + 6.1166E-005$$

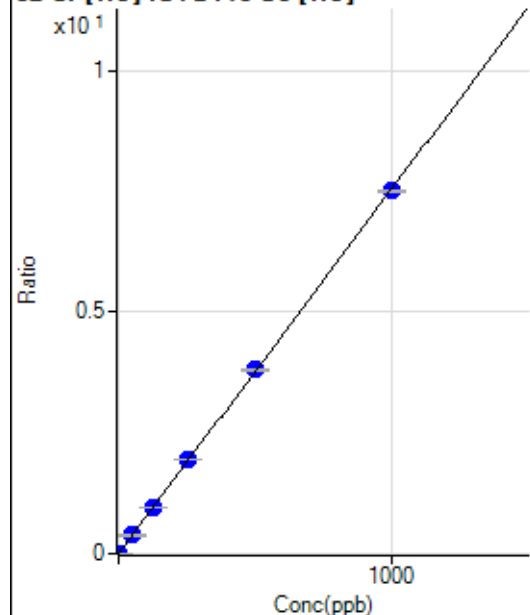
$$R = 1.0000$$

$$DL = 0.01933$$

$$BEC = 0.009683$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	160.00	0.0013	P	5.6
2	☐	0.200					
3	☐	2.000	1.989	2089.07	0.0162	P	2.3
4	☐	50.000	50.693	49092.57	0.3833	P	3.7
5	☐	125.000	125.953	120392.52	0.9505	P	1.0
6	☐	250.000	258.118	236028.26	1.9465	P	1.3
7	☐	500.000	504.492	467673.26	3.8033	P	1.7
8	☐	1000.000	995.571	908954.80	7.5042	P	0.6
9	☐			9197.43	0.0760	P	2.6

$$y = 0.0075 * x + 0.0013$$

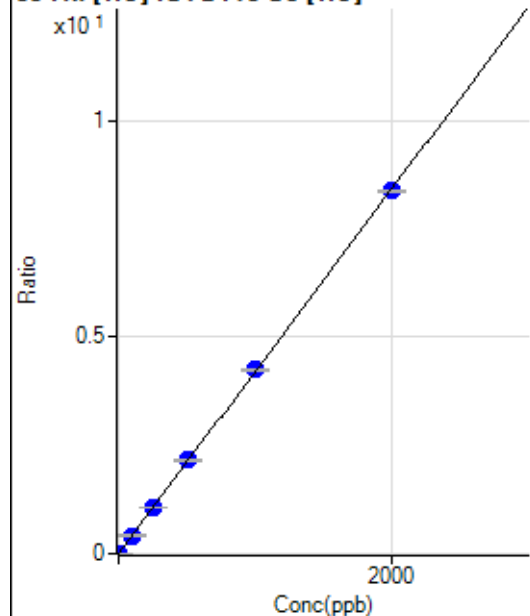
$$R = 0.9999$$

$$DL = 0.02776$$

$$BEC = 0.166$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0006	P	16.3
2	☐	0.100					
3	☐	1.000	0.966	602.25	0.0047	P	4.3
4	☐	100.000	99.380	53564.97	0.4182	P	3.8
5	☐	250.000	251.397	133881.88	1.0570	P	1.1
6	☐	500.000	514.783	262368.76	2.1637	P	1.1
7	☐	1000.000	1009.369	521613.14	4.2419	P	1.7
8	☐	2000.000	1991.476	1013670.68	8.3687	P	0.6
9	☐			2585.82	0.0214	P	2.8

$$y = 0.0042 * x + 6.2387E-004$$

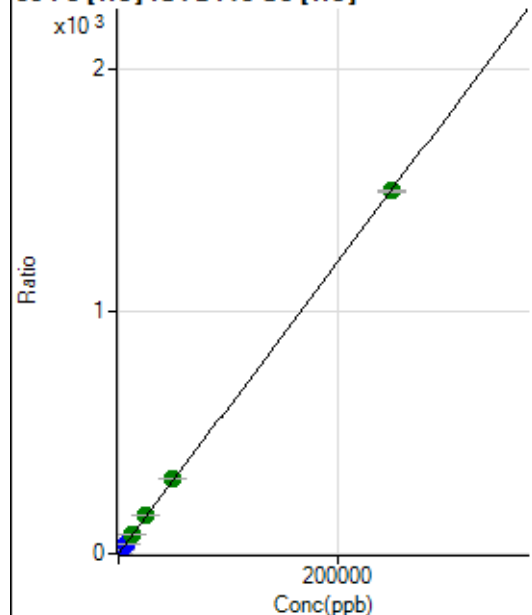
$$R = 1.0000$$

$$DL = 0.07261$$

$$BEC = 0.1485$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1937.22	0.0151	P	5.1
2	☐	5.000					
3	☐	50.000	48.283	39221.37	0.3051	P	2.4
4	☐	2500.000	2599.529	2001564.21	15.6260	P	3.3
5	☐	6250.000	6549.176	4983723.09	39.3446	P	0.5
6	☐	12500.000	13392.755	9754287.72	80.4421	A	1.1
7	☐	25000.000	26084.773	19264030.06	156.6610	A	1.6
8	☐	50000.000	51641.598	37565760.10	310.1364	A	0.4
9	☐	250000.00	249510.09	181381378.1	1,498.388	A	0.7

$$y = 0.0060 * x + 0.0151$$

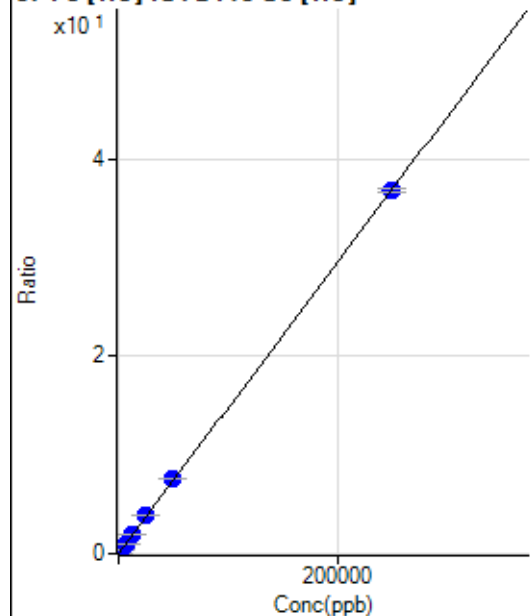
$$R = 1.0000$$

$$DL = 0.3865$$

$$BEC = 2.521$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0007	P	17.1
2	☐	5.000					
3	☐	50.000	46.932	977.83	0.0076	P	1.1
4	☐	2500.000	2602.753	49199.46	0.3840	P	2.2
5	☐	6250.000	6465.459	120680.81	0.9528	P	1.8
6	☐	12500.000	13332.229	238147.59	1.9640	P	1.2
7	☐	25000.000	26034.402	471511.43	3.8345	P	1.7
8	☐	50000.000	51210.167	913524.75	7.5418	P	0.7
9	☐	250000.00	249606.50	4449445.18	36.7575	P	1.0

$$y = 1.4726E-004 * x + 6.9324E-004$$

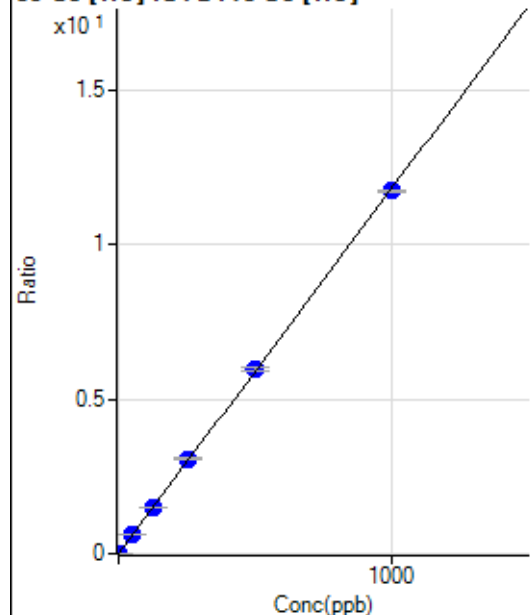
$$R = 1.0000$$

$$DL = 2.417$$

$$BEC = 4.708$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0004	P	6.2
2	☐	0.100					
3	☐	1.000	0.972	1528.99	0.0119	P	2.2
4	☐	50.000	50.991	77131.24	0.6022	P	3.3
5	☐	125.000	127.672	190889.00	1.5070	P	1.1
6	☐	250.000	259.950	372022.96	3.0680	P	1.0
7	☐	500.000	506.135	734484.53	5.9732	P	1.8
8	☐	1000.000	994.062	1420944.75	11.7310	P	0.4
9	☐			1650.12	0.0136	P	4.3

$$y = 0.0118 * x + 4.2526E-004$$

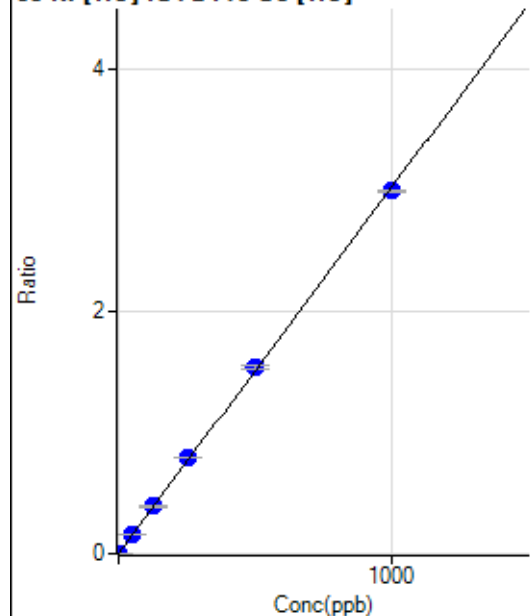
$$R = 0.9999$$

$$DL = 0.006674$$

$$BEC = 0.03604$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0007	P	20.6
2	☐	0.100					
3	☐	1.000	1.034	490.02	0.0038	P	9.1
4	☐	50.000	51.431	19955.95	0.1558	P	3.0
5	☐	125.000	128.696	49241.44	0.3888	P	1.9
6	☐	250.000	261.469	95692.96	0.7891	P	1.0
7	☐	500.000	510.951	189544.97	1.5415	P	1.7
8	☐	1000.000	991.124	362091.24	2.9894	P	0.8
9	☐			2613.61	0.0216	P	2.2

$$y = 0.0030 * x + 6.9606E-004$$

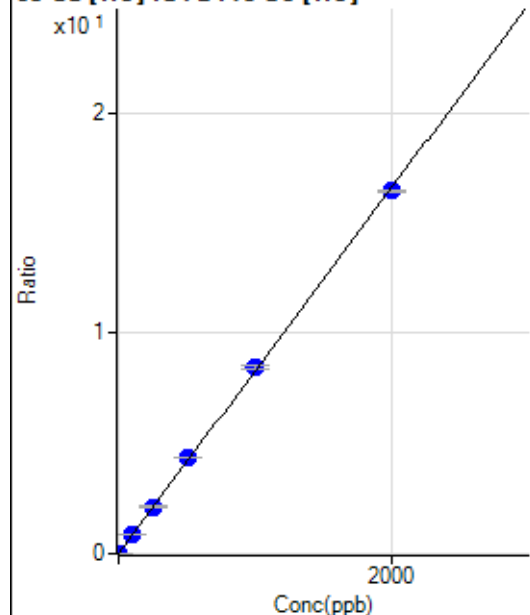
$$R = 0.9998$$

$$DL = 0.1426$$

$$BEC = 0.2308$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

$$y = 0.0083 * x + 0.0052$$

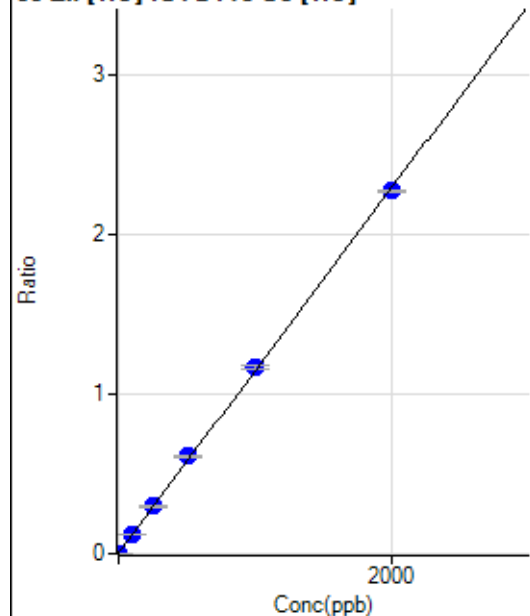
$$R = 0.9998$$

$$DL = 0.1961$$

$$BEC = 0.6229$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

$$y = 0.0011 * x + 0.0027$$

$$R = 0.9998$$

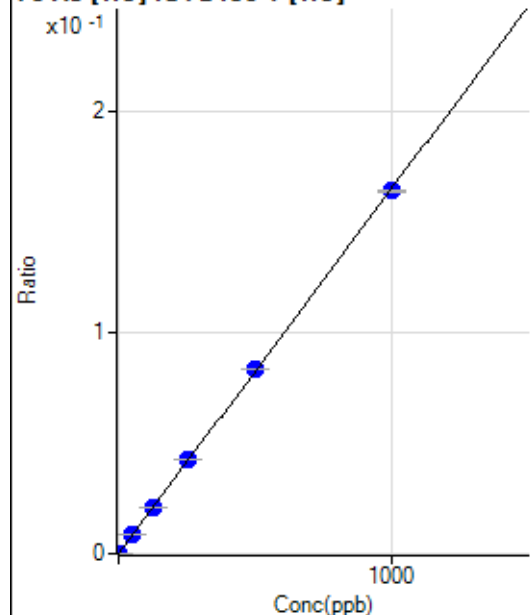
$$DL = 0.2186$$

$$BEC = 2.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	1.127	98.77	0.0002	P	23.1
4	☐	50.000	50.670	4447.02	0.0084	P	2.4
5	☐	125.000	125.952	10977.04	0.0208	P	2.3
6	☐	250.000	257.890	21786.75	0.0426	P	1.0
7	☐	500.000	507.032	43250.46	0.0838	P	0.5
8	☐	1000.000	994.359	83952.10	0.1643	P	0.2
9	☐			38.89	0.0001	P	5.1

$$y = 1.6521\text{E-}004 * x + 1.1797\text{E-}006$$

$$R = 0.9999$$

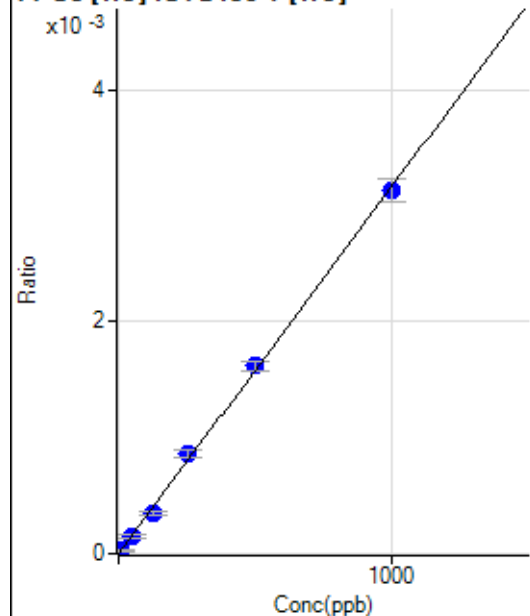
$$DL = 0.0371$$

$$BEC = 0.00714$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	7.997	13.33	0.0000	P	91.1
4	☐	50.000	49.690	83.34	0.0002	P	21.2
5	☐	125.000	109.896	183.34	0.0003	P	6.7
6	☐	250.000	274.322	443.35	0.0009	P	7.9
7	☐	500.000	513.393	837.82	0.0016	P	5.1
8	☐	1000.000	989.112	1597.90	0.0031	P	6.4
9	☐			1.11	0.0000	P	173.

$$y = 3.1617\text{E-}006 * x + 0.0000\text{E+}000$$

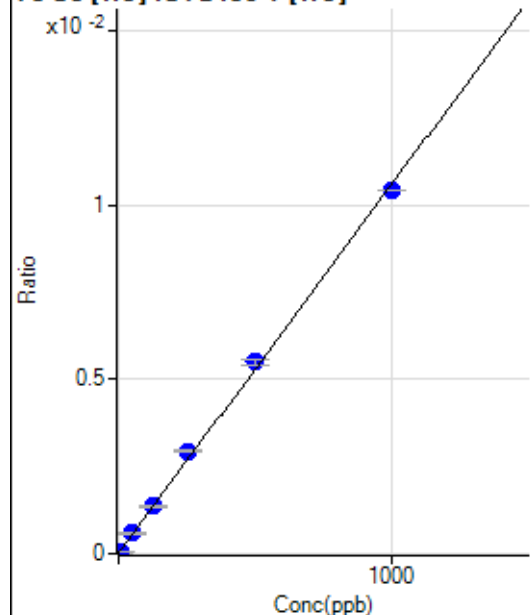
$$R = 0.9993$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	57.3
2	☐	0.500					
3	☐	5.000	5.001	33.33	0.0001	P	27.5
4	☐	50.000	54.594	312.35	0.0006	P	9.9
5	☐	125.000	127.699	717.31	0.0014	P	4.7
6	☐	250.000	277.186	1503.18	0.0029	P	2.0
7	☐	500.000	518.883	2837.34	0.0055	P	3.7
8	☐	1000.000	983.195	5315.21	0.0104	P	0.2
9	☐			6.79	0.0000	P	31.6

$$y = 1.0568\text{E-}005 * x + 1.0444\text{E-}005$$

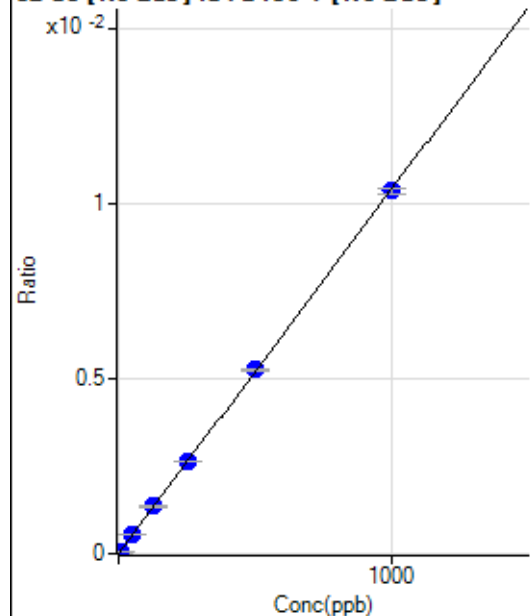
$$R = 0.9993$$

$$DL = 1.698$$

$$BEC = 0.9882$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.12	0.0000	P	80.6
2	☐	0.500					
3	☐	5.000	4.464	193.79	0.0000	P	10.4
4	☐	50.000	51.801	2146.56	0.0005	P	3.9
5	☐	125.000	129.215	5271.97	0.0013	P	2.0
6	☐	250.000	252.607	10315.26	0.0026	P	1.2
7	☐	500.000	505.714	20524.71	0.0053	P	0.9
8	☐	1000.000	995.877	39878.96	0.0104	P	1.4
9	☐			21.07	0.0000	P	122.

$$y = 1.0426\text{E-}005 * x + 1.9190\text{E-}006$$

$$R = 1.0000$$

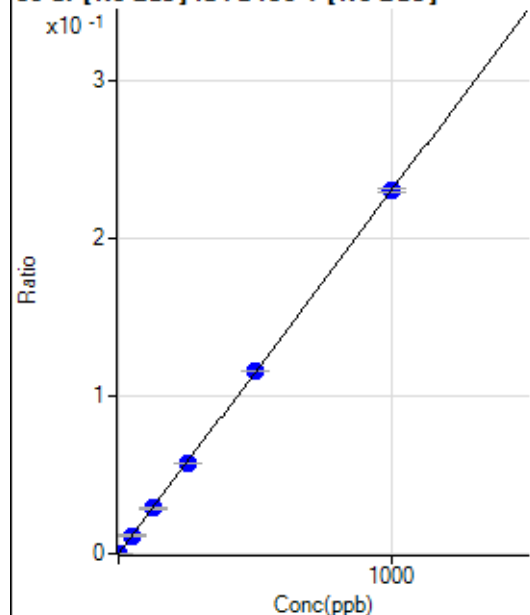
$$DL = 0.4453$$

$$BEC = 0.1841$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	35.7
2	☐	0.100					
3	☐	1.000	0.872	983.41	0.0002	P	7.2
4	☐	50.000	49.756	45542.86	0.0115	P	2.3
5	☐	125.000	124.561	112235.64	0.0287	P	1.5
6	☐	250.000	249.580	225043.83	0.0575	P	0.8
7	☐	500.000	501.742	449634.61	0.1155	P	0.3
8	☐	1000.000	999.301	883605.87	0.2301	P	0.9
9	☐			28643.32	0.0078	P	0.8

$$y = 2.3021\text{E-}004 * x + 4.5079\text{E-}005$$

$$R = 1.0000$$

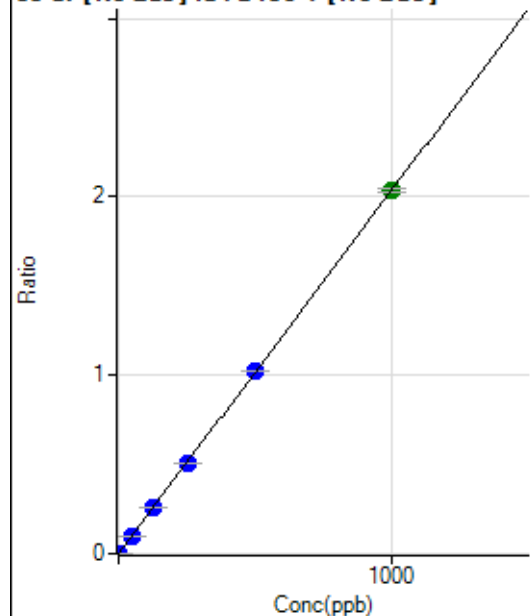
$$DL = 0.2096$$

$$BEC = 0.1958$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	12.3
2	☐	0.100					
3	☐	1.000	0.896	7374.42	0.0018	P	0.8
4	☐	50.000	49.230	396686.77	0.1002	P	0.5
5	☐	125.000	125.163	995050.58	0.2546	P	0.9
6	☐	250.000	248.740	1980308.70	0.5060	P	0.5
7	☐	500.000	502.337	3976162.15	1.0218	P	0.3
8	☐	1000.000	999.165	7804911.72	2.0324	A	0.9
9	☐			253941.01	0.0693	P	3.2

$$y = 0.0020 * x + 2.0538\text{E-}005$$

$$R = 1.0000$$

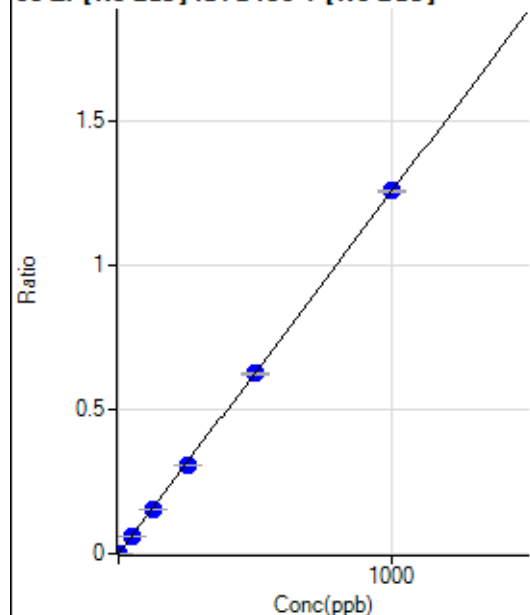
$$DL = 0.003725$$

$$BEC = 0.0101$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	236.13	0.0001	P	25.1
2	☐	0.100					
3	☐	1.000	0.835	4434.24	0.0011	P	6.7
4	☐	50.000	48.980	243084.15	0.0614	P	0.6
5	☐	125.000	123.808	605912.27	0.1550	P	1.3
6	☐	250.000	246.132	1206106.46	0.3082	P	0.8
7	☐	500.000	496.956	2420925.53	0.6221	P	0.5
8	☐	1000.000	1002.689	4820341.17	1.2552	P	0.8
9	☐			855.62	0.0002	P	8.0

$$y = 0.0013 * x + 6.4468E-005$$

$$R = 1.0000$$

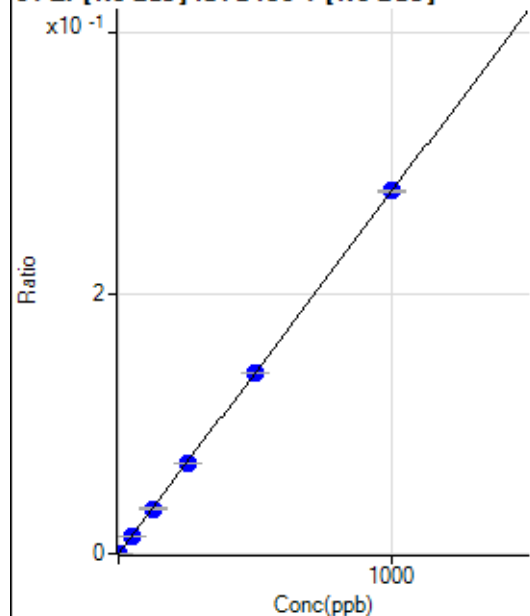
$$DL = 0.03874$$

$$BEC = 0.0515$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	65.2
2	☐	0.100					
3	☐	1.000	0.766	894.52	0.0002	P	1.0
4	☐	50.000	48.895	53930.43	0.0136	P	1.3
5	☐	125.000	124.217	135113.54	0.0346	P	2.2
6	☐	250.000	248.914	271134.69	0.0693	P	0.5
7	☐	500.000	497.576	538829.66	0.1385	P	0.4
8	☐	1000.000	1001.637	1070427.02	0.2787	P	0.7
9	☐			208.35	0.0001	P	16.4

$$y = 2.7827E-004 * x + 1.0586E-005$$

$$R = 1.0000$$

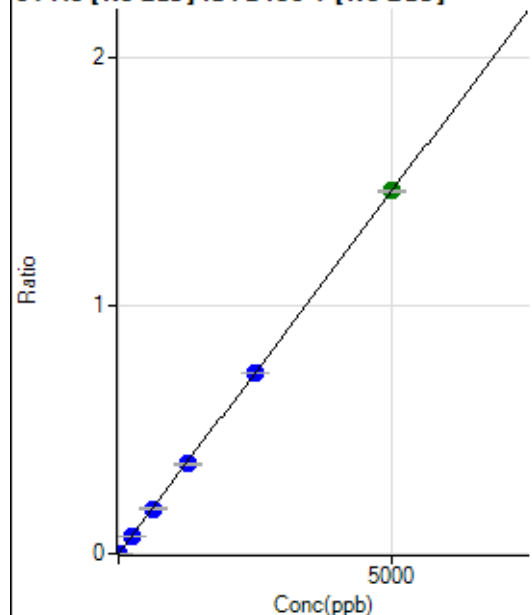
$$DL = 0.07441$$

$$BEC = 0.03804$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	27.9
2	☐	0.500					
3	☐	5.000	4.377	5242.88	0.0013	P	1.1
4	☐	250.000	245.709	284856.37	0.0719	P	0.5
5	☐	625.000	619.830	708848.36	0.1814	P	1.6
6	☐	1250.000	1236.998	1416675.05	0.3620	P	0.7
7	☐	2500.000	2492.126	2837545.81	0.7292	P	0.5
8	☐	5000.000	5008.049	5627368.75	1.4654	A	0.8
9	☐			2575.34	0.0007	P	7.5

$$y = 2.9260\text{E-}004 * x + 3.0232\text{E-}005$$

$$R = 1.0000$$

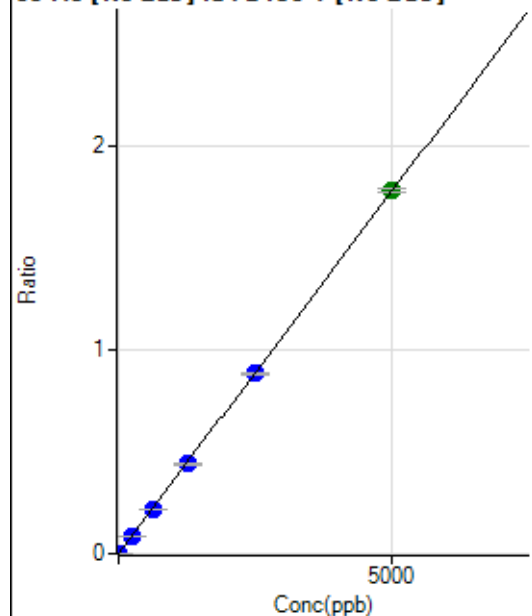
$$DL = 0.08651$$

$$BEC = 0.1033$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.0
2	☐	0.500					
3	☐	5.000	4.568	6515.66	0.0016	P	2.5
4	☐	250.000	245.558	346125.68	0.0874	P	1.0
5	☐	625.000	616.806	857880.80	0.2195	P	1.0
6	☐	1250.000	1235.456	1720851.67	0.4397	P	0.4
7	☐	2500.000	2484.485	3440632.24	0.8842	P	0.4
8	☐	5000.000	5012.641	6850689.30	1.7839	A	0.9
9	☐			4170.26	0.0011	P	2.6

$$y = 3.5589\text{E-}004 * x + 3.8029\text{E-}006$$

$$R = 1.0000$$

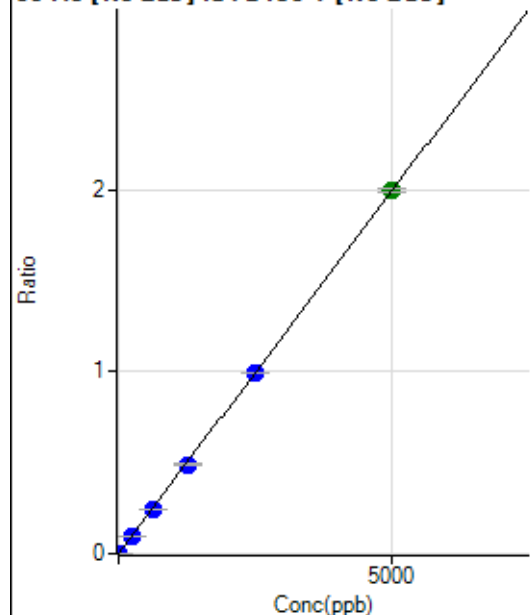
$$DL = 0.01123$$

$$BEC = 0.01069$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	54.4
2	☐	0.500					
3	☐	5.000	4.434	7118.72	0.0018	P	1.4
4	☐	250.000	245.614	387174.56	0.0978	P	0.7
5	☐	625.000	618.547	962038.77	0.2462	P	0.9
6	☐	1250.000	1231.593	1918274.91	0.4901	P	0.5
7	☐	2500.000	2494.814	3863375.87	0.9928	P	0.1
8	☐	5000.000	5008.221	7653621.70	1.9930	A	1.2
9	☐			4564.82	0.0012	P	9.1

$$y = 3.9795E-004 * x + 1.5086E-005$$

$$R = 1.0000$$

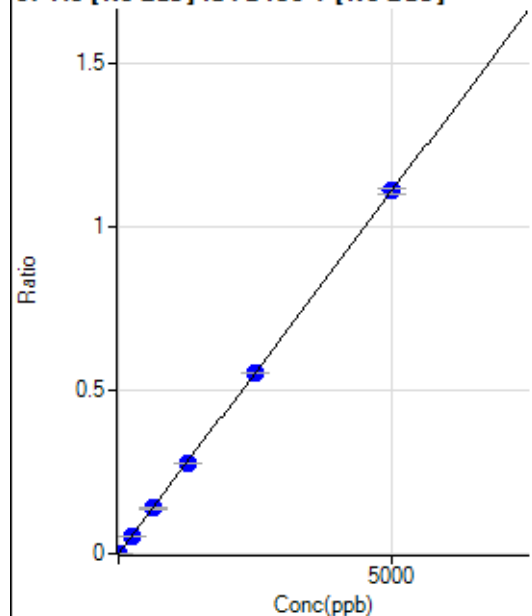
$$DL = 0.06186$$

$$BEC = 0.03791$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	41.7
2	☐	0.500					
3	☐	5.000	4.505	4031.30	0.0010	P	5.4
4	☐	250.000	245.764	215718.22	0.0545	P	0.5
5	☐	625.000	624.239	540620.08	0.1383	P	0.5
6	☐	1250.000	1238.375	1074002.44	0.2744	P	0.3
7	☐	2500.000	2491.970	2148711.96	0.5522	P	0.1
8	☐	5000.000	5007.229	4260684.08	1.1095	P	1.5
9	☐			2547.55	0.0007	P	5.1

$$y = 2.2158E-004 * x + 9.0549E-006$$

$$R = 1.0000$$

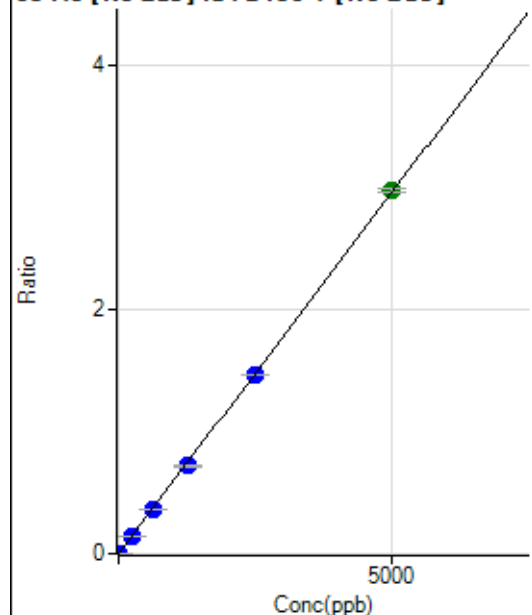
$$DL = 0.05117$$

$$BEC = 0.04086$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	67.1
2	☐	0.500					
3	☐	5.000	4.289	10148.49	0.0025	P	4.9
4	☐	250.000	240.908	563007.37	0.1422	P	0.9
5	☐	625.000	607.688	1401249.91	0.3586	P	1.5
6	☐	1250.000	1215.971	2808065.62	0.7175	P	0.8
7	☐	2500.000	2469.615	5670330.12	1.4572	P	0.2
8	☐	5000.000	5026.319	11389043.31	2.9657	A	1.0
9	☐			6468.41	0.0018	P	1.4

$$y = 5.9004\text{E-}004 * x + 8.2544\text{E-}006$$

$$R = 0.9999$$

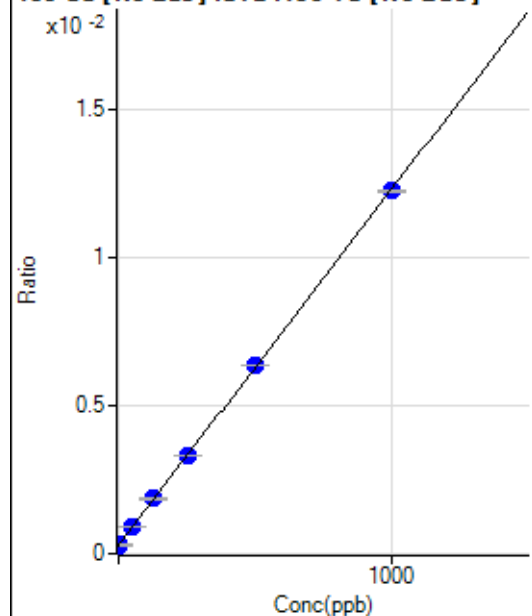
$$DL = 0.02816$$

$$BEC = 0.01399$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1775.21	0.0003	P	10.4
2	☐	0.100					
3	☐	1.000	1.005	2008.56	0.0003	P	8.1
4	☐	50.000	51.847	6101.59	0.0009	P	2.5
5	☐	125.000	131.390	12478.18	0.0019	P	3.4
6	☐	250.000	252.805	22468.56	0.0033	P	1.1
7	☐	500.000	505.495	42790.44	0.0064	P	0.2
8	☐	1000.000	995.660	81922.69	0.0123	P	0.8
9	☐			1639.06	0.0003	P	3.6

$$y = 1.2035\text{E-}005 * x + 2.8638\text{E-}004$$

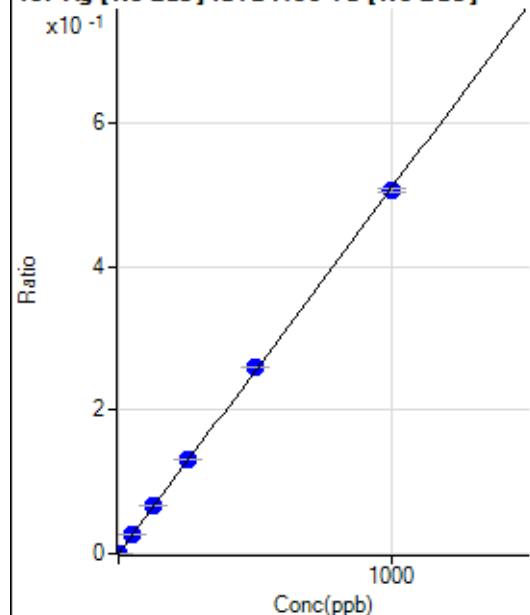
$$R = 1.0000$$

$$DL = 7.391$$

$$BEC = 23.8$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	94.5
2	☐	0.100					
3	☐	1.000	0.962	3331.10	0.0005	P	4.8
4	☐	50.000	52.877	180609.76	0.0269	P	0.6
5	☐	125.000	131.906	449042.58	0.0672	P	1.0
6	☐	250.000	256.488	882171.76	0.1307	P	1.0
7	☐	500.000	509.499	1744007.02	0.2596	P	0.5
8	☐	1000.000	992.622	3377151.62	0.5058	P	1.2
9	☐			316.69	0.0001	P	8.1

$$y = 5.0955\text{E-}004 * x + 4.4270\text{E-}006$$

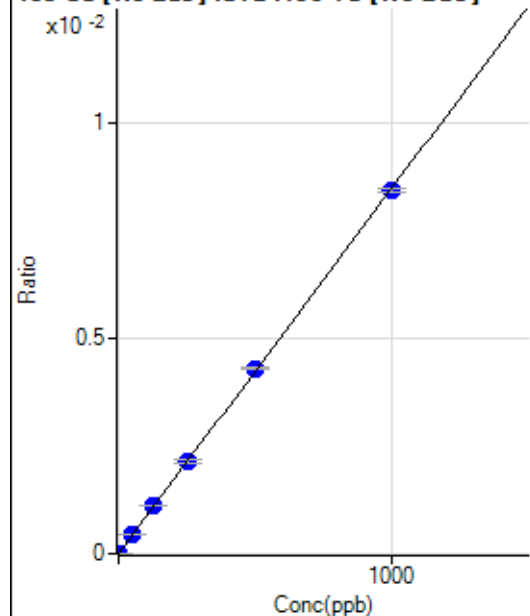
$$R = 0.9999$$

$$DL = 0.02462$$

$$BEC = 0.008688$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	42.8
2	☐	0.100					
3	☐	1.000	1.482	90.28	0.0000	P	27.5
4	☐	50.000	51.177	2917.03	0.0004	P	1.4
5	☐	125.000	130.688	7415.97	0.0011	P	0.9
6	☐	250.000	254.463	14581.35	0.0022	P	3.4
7	☐	500.000	508.153	28977.07	0.0043	P	0.8
8	☐	1000.000	994.037	56336.69	0.0084	P	1.0
9	☐			9.72	0.0000	P	136.

$$y = 8.4869\text{E-}006 * x + 8.9412\text{E-}007$$

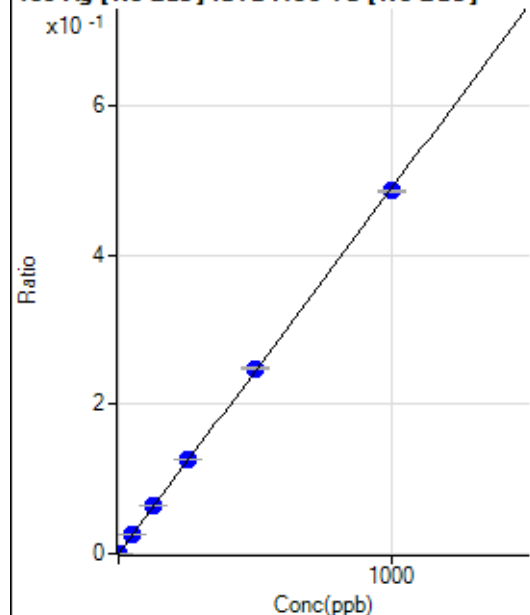
$$R = 0.9999$$

$$DL = 0.1352$$

$$BEC = 0.1054$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	71.9
2	☐	0.100					
3	☐	1.000	0.970	3206.06	0.0005	P	5.4
4	☐	50.000	52.726	172939.88	0.0258	P	0.7
5	☐	125.000	131.024	428361.23	0.0641	P	0.4
6	☐	250.000	256.797	848203.58	0.1257	P	0.9
7	☐	500.000	508.066	1670140.93	0.2486	P	0.3
8	☐	1000.000	993.379	3245791.76	0.4861	P	0.8
9	☐			275.02	0.0000	P	15.7

$$y = 4.8935\text{E-}004 * x + 2.2624\text{E-}006$$

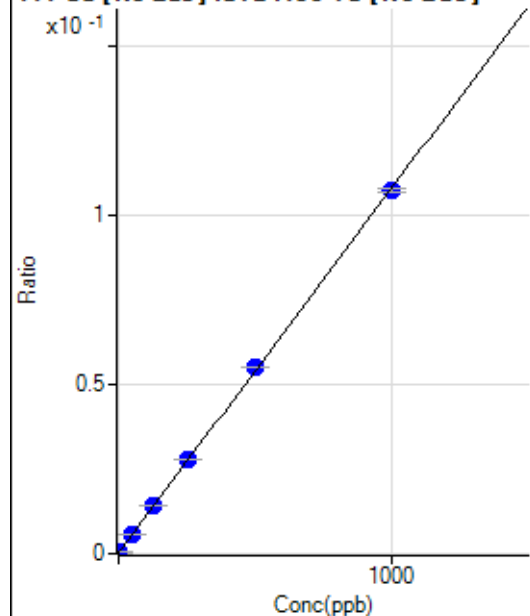
$$R = 0.9999$$

$$DL = 0.009972$$

$$BEC = 0.004623$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1245.70	0.0002	P	10.6
2	☐	0.100					
3	☐	1.000	0.920	2019.22	0.0003	P	4.0
4	☐	50.000	51.717	38695.86	0.0058	P	0.7
5	☐	125.000	130.532	95305.53	0.0143	P	1.3
6	☐	250.000	256.678	188037.94	0.0279	P	1.2
7	☐	500.000	508.516	369437.40	0.0550	P	0.2
8	☐	1000.000	993.295	715989.21	0.1072	P	1.1
9	☐			1229.42	0.0002	P	2.4

$$y = 1.0775\text{E-}004 * x + 2.0097\text{E-}004$$

$$R = 0.9999$$

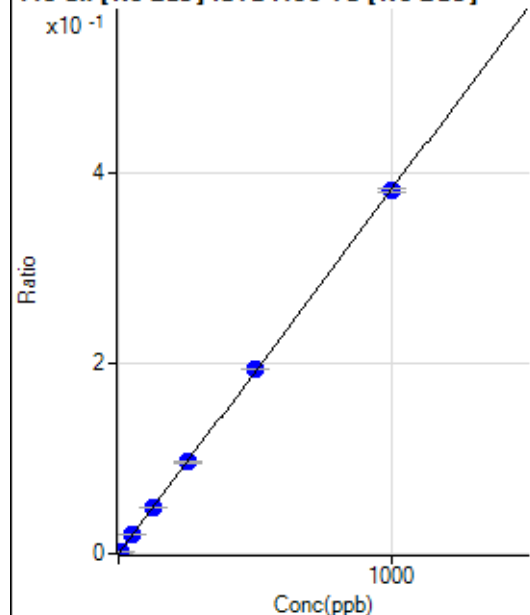
$$DL = 0.5908$$

$$BEC = 1.865$$

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	480.59	0.0001	P	1.7
2	☐	0.500					
3	☐	5.000	4.445	11988.94	0.0018	P	2.5
4	☐	50.000	50.222	129578.79	0.0193	P	0.3
5	☐	125.000	126.419	324342.64	0.0485	P	1.0
6	☐	250.000	250.757	649480.25	0.0962	P	1.1
7	☐	500.000	506.614	1305393.66	0.1943	P	0.8
8	☐	1000.000	996.318	2551220.02	0.3821	P	1.1
9	☐			3283.86	0.0005	P	4.1

$$y = 3.8343\text{E-}004 * x + 7.7387\text{E-}005$$

$$R = 1.0000$$

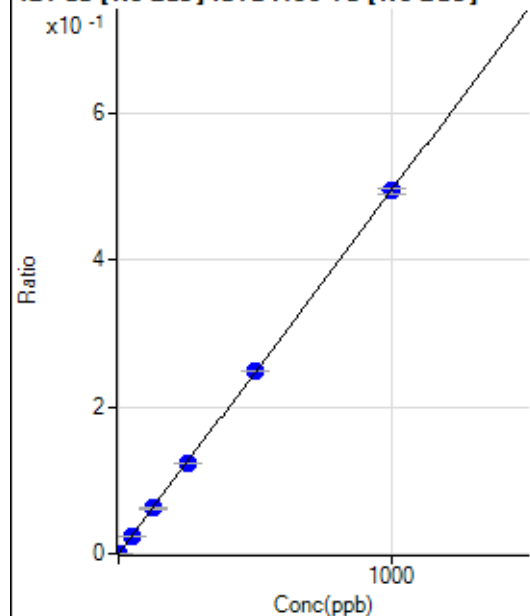
$$DL = 0.01011$$

$$BEC = 0.2018$$

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	52.78	0.0000	P	23.2
2	☐	0.200					
3	☐	2.000	1.762	5915.40	0.0009	P	7.5
4	☐	50.000	49.594	164435.74	0.0245	P	0.8
5	☐	125.000	125.022	413099.60	0.0618	P	1.2
6	☐	250.000	249.651	833406.17	0.1235	P	0.9
7	☐	500.000	501.636	1666543.93	0.2481	P	0.4
8	☐	1000.000	999.288	3299678.78	0.4942	P	1.4
9	☐			8992.16	0.0014	P	4.9

$$y = 4.9454\text{E-}004 * x + 8.4866\text{E-}006$$

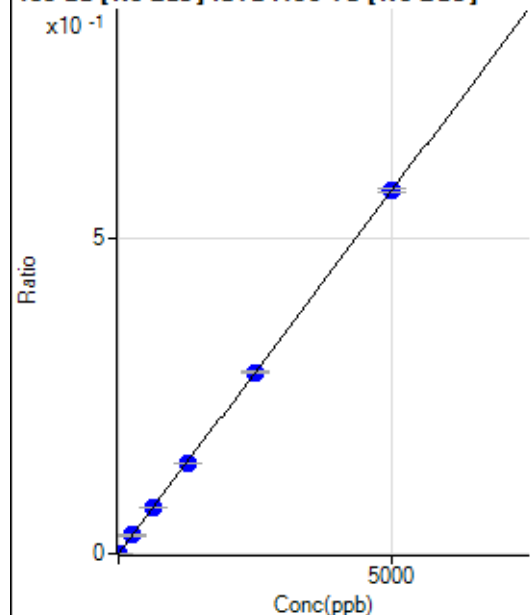
$$R = 1.0000$$

$$DL = 0.01193$$

$$BEC = 0.01716$$

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	36.11	0.0000	P	11.3
2	☐	1.000					
3	☐	10.000	9.360	7296.69	0.0011	P	4.9
4	☐	250.000	251.945	194700.06	0.0291	P	0.8
5	☐	625.000	626.051	482195.56	0.0722	P	0.8
6	☐	1250.000	1248.253	971320.29	0.1439	P	1.2
7	☐	2500.000	2501.394	1937163.39	0.2884	P	0.4
8	☐	5000.000	4999.513	3848386.94	0.5764	P	1.1
9	☐			1061.20	0.0002	P	7.3

$$y = 1.1528\text{E-}004 * x + 5.8077\text{E-}006$$

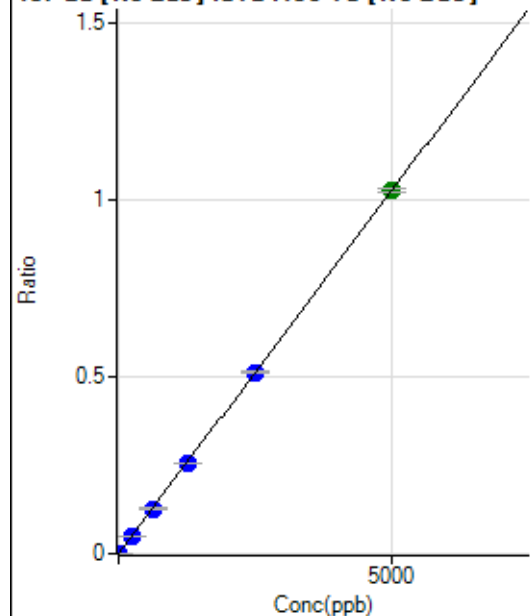
$$R = 1.0000$$

$$DL = 0.01712$$

$$BEC = 0.05038$$

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	77.78	0.0000	P	19.0
2	☐	1.000					
3	☐	10.000	8.982	12450.53	0.0019	P	5.6
4	☐	250.000	247.447	339723.24	0.0507	P	0.2
5	☐	625.000	621.793	850805.98	0.1274	P	0.6
6	☐	1250.000	1243.677	1719246.65	0.2547	P	0.9
7	☐	2500.000	2503.515	3444268.05	0.5127	P	0.1
8	☐	5000.000	5000.354	6837690.56	1.0241	A	1.1
9	☐			1872.43	0.0003	P	3.5

$$y = 2.0480\text{E-}004 * x + 1.2567\text{E-}005$$

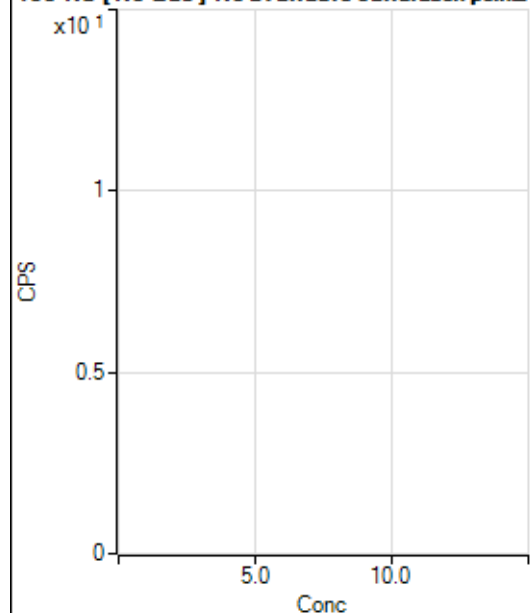
$$R = 1.0000$$

$$DL = 0.03502$$

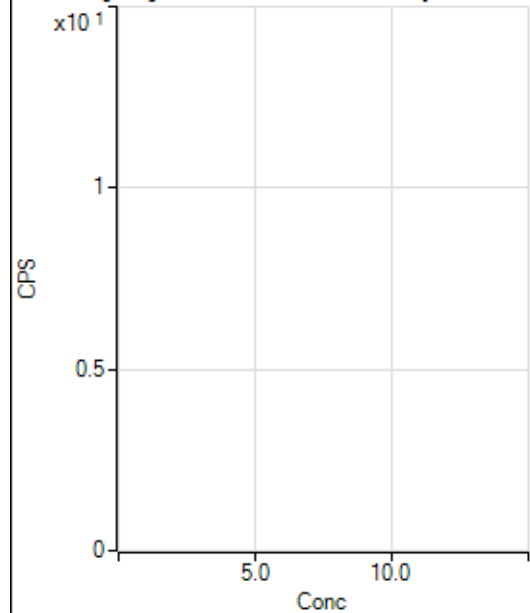
$$BEC = 0.06136$$

Weight: <None>

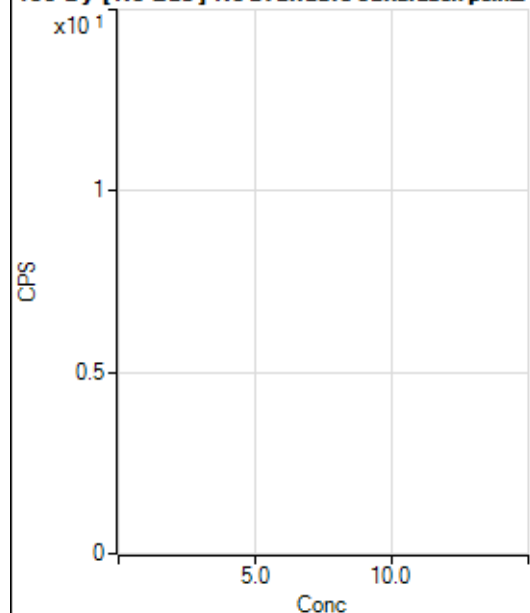
Min Conc: 0

150 Nd [No Gas] No available calibration points

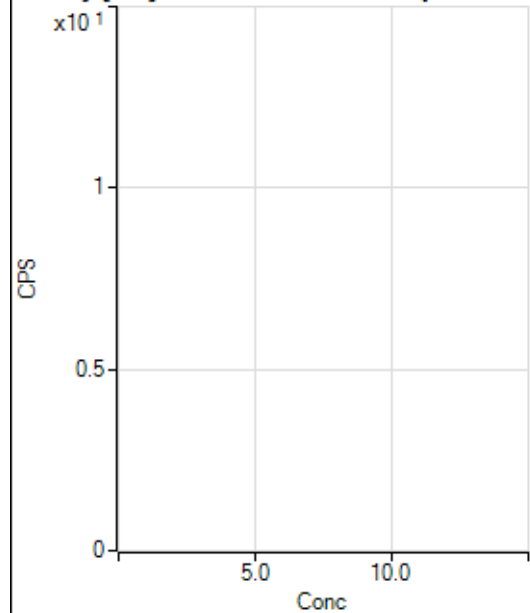
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			20.00		P	88.2
5	☐			31.11		P	81.1
6	☐			64.45		P	26.0
7	☐			200.01		P	15.3
8	☐			293.35		P	6.0
9	☐			46.67		P	62.3

150 Nd [He] No available calibration points

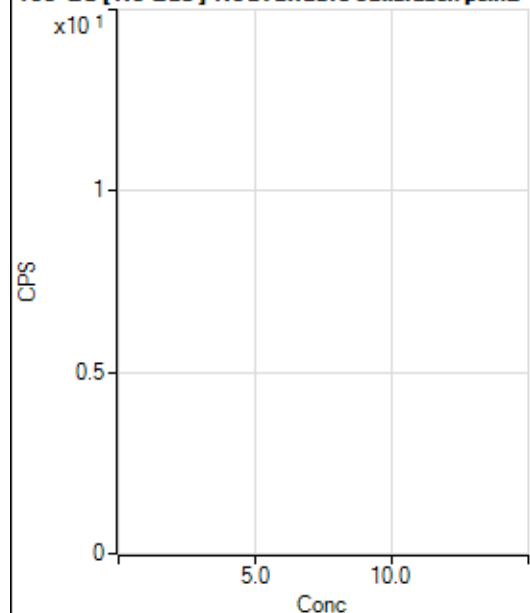
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			3.33		P	100.
6	☐			7.78		P	49.5
7	☐			8.89		P	43.3
8	☐			23.33		P	37.8
9	☐			16.66		P	34.6

156 Dy [No Gas] No available calibration points

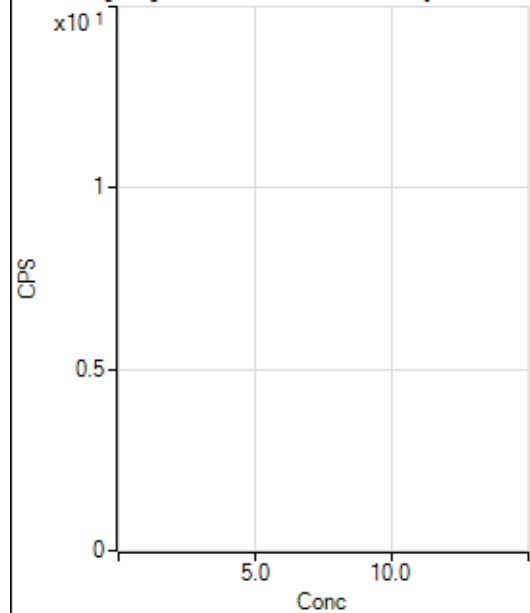
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			5.56		P	173.
4	☐			13.89		P	69.3
5	☐			30.56		P	41.7
6	☐			22.22		P	94.4
7	☐			55.56		P	48.2
8	☐			102.78		P	28.5
9	☐			30.55		P	15.7

156 Dy [He] No available calibration points

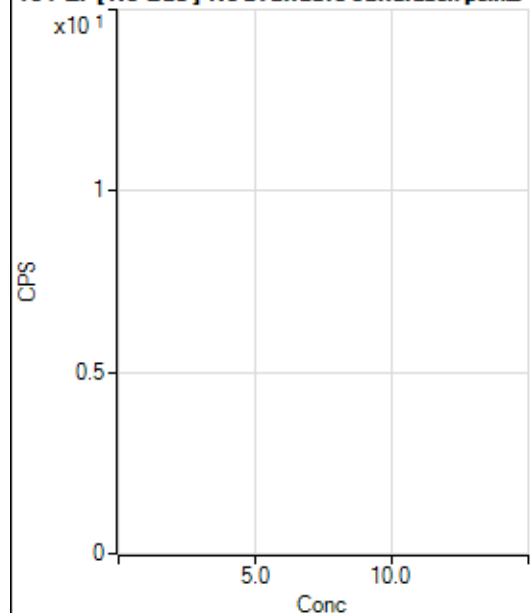
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	173.
5	☐			2.22		P	86.6
6	☐			11.11		P	17.3
7	☐			15.56		P	32.7
8	☐			31.11		P	24.7
9	☐			12.22		P	78.7

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

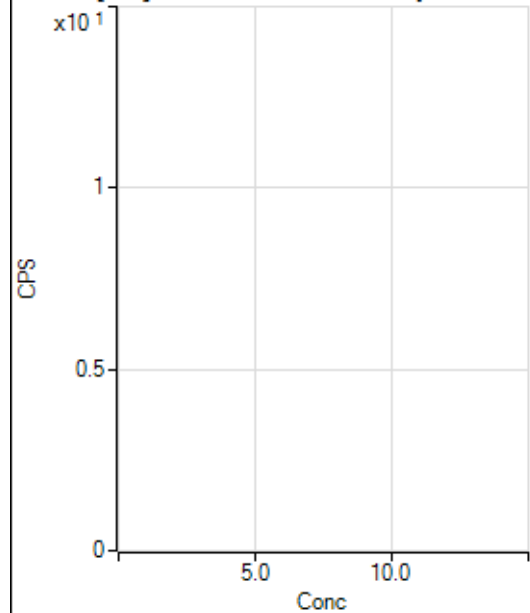
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			16.67		P	50.0
4	☐			38.89		P	32.7
5	☐			55.56		P	43.3
6	☐			25.00		P	0.0
7	☐			61.12		P	34.3
8	☐			44.45		P	10.8
9	☐			41.67		P	34.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	44.1
2	☐						
3	☐			34.44		P	53.3
4	☐			27.78		P	13.9
5	☐			31.11		P	22.3
6	☐			43.33		P	40.7
7	☐			30.00		P	11.1
8	☐			38.89		P	17.8
9	☐			41.11		P	16.9

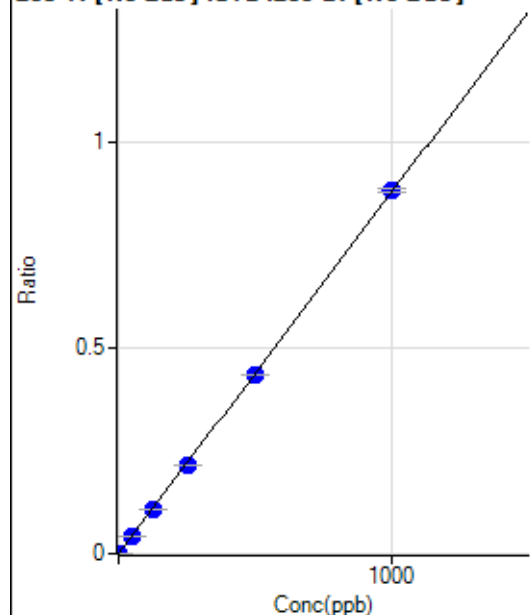
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			16.67		P	100.
4	☐			8.33		P	0.0
5	☐			19.44		P	49.5
6	☐			16.67		P	50.0
7	☐			16.67		P	50.0
8	☐			33.34		P	43.3
9	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐						
3	☐			7.78		P	24.7
4	☐			11.11		P	45.8
5	☐			6.67		P	50.0
6	☐			12.22		P	56.8
7	☐			10.00		P	88.2
8	☐			13.33		P	43.3
9	☐			8.89		P	57.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.858	4167.54	0.0008	P	4.8
4	☐	50.000	48.689	229563.91	0.0427	P	1.2
5	☐	125.000	122.696	574011.35	0.1075	P	0.4
6	☐	250.000	245.108	1152168.89	0.2147	P	0.8
7	☐	500.000	494.654	2298902.31	0.4333	P	0.8
8	☐	1000.000	1004.250	4549240.38	0.8797	P	1.0
9	☐			1002.86	0.0002	P	9.8

$$y = 8.7592E-004 * x + 1.6756E-005$$

$$R = 1.0000$$

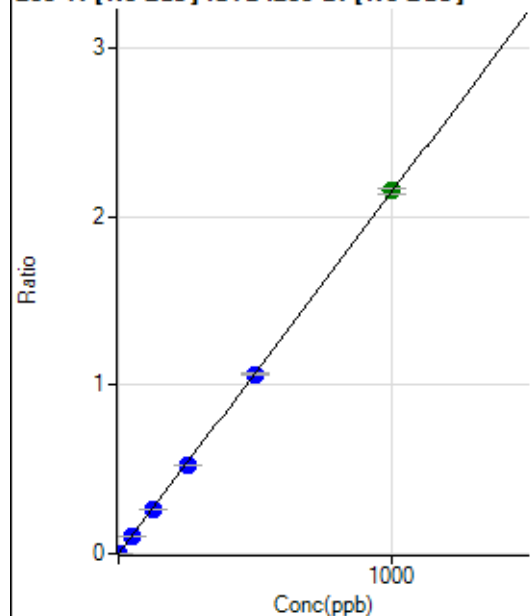
$$DL = 0.01032$$

$$BEC = 0.01913$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0001	P	7.1
2	☐	0.100					
3	☐	1.000	0.876	10468.44	0.0019	P	2.5
4	☐	50.000	47.900	552623.30	0.1027	P	1.1
5	☐	125.000	120.632	1380855.97	0.2586	P	0.6
6	☐	250.000	243.612	2801833.81	0.5221	P	0.8
7	☐	500.000	496.704	5648066.14	1.0645	P	0.6
8	☐	1000.000	1003.896	11126470.47	2.1515	A	1.3
9	☐			2239.20	0.0005	P	8.7

$$y = 0.0021 * x + 5.2384E-005$$

$$R = 1.0000$$

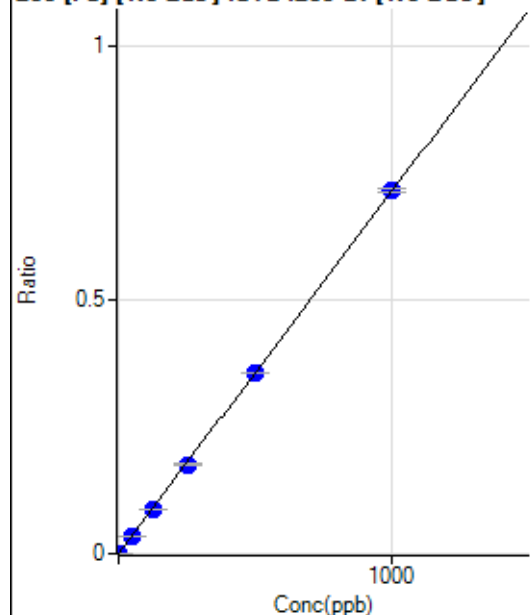
$$DL = 0.005204$$

$$BEC = 0.02444$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	296.31	0.0001	P	0.1
2	☐	0.100					
3	☐	1.000	0.849	3613.57	0.0007	P	2.7
4	☐	50.000	49.176	189281.37	0.0352	P	1.0
5	☐	125.000	123.701	472071.95	0.0884	P	1.0
6	☐	250.000	246.791	946067.40	0.1763	P	0.6
7	☐	500.000	497.738	1886246.33	0.3555	P	0.4
8	☐	1000.000	1002.137	3701453.81	0.7157	P	1.0
9	☐			6042.29	0.0013	P	3.7

$$y = 7.1414\text{E-}004 * x + 5.9517\text{E-}005$$

$$R = 1.0000$$

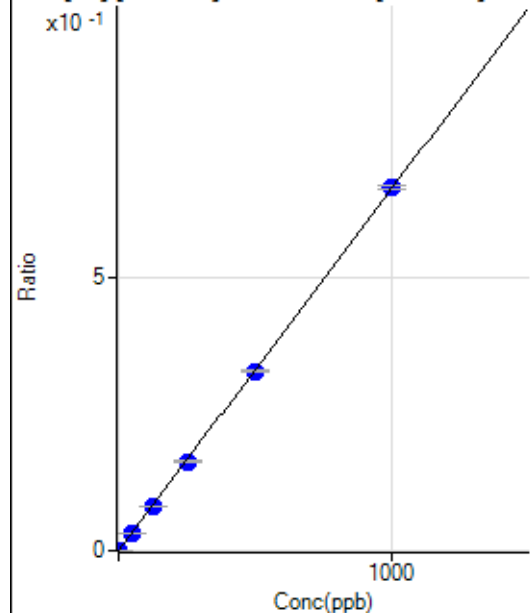
$$DL = 0.0003689$$

$$BEC = 0.08334$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.914	3606.16	0.0007	P	3.9
4	☐	50.000	48.706	173739.68	0.0323	P	0.8
5	☐	125.000	122.601	433544.84	0.0812	P	0.5
6	☐	250.000	246.085	874108.84	0.1629	P	0.9
7	☐	500.000	496.279	1742643.04	0.3284	P	0.6
8	☐	1000.000	1003.204	3433345.13	0.6639	P	1.0
9	☐			5403.11	0.0012	P	5.3

$$y = 6.6170\text{E-}004 * x + 6.0181\text{E-}005$$

$$R = 1.0000$$

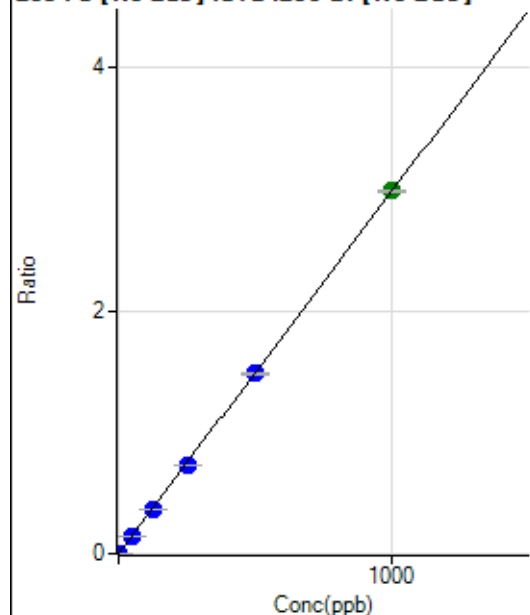
$$DL = 0.03613$$

$$BEC = 0.09095$$

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	1326.00	0.0003	P	4.3
2	☐	0.100					
3	☐	1.000	0.863	15368.72	0.0028	P	2.4
4	☐	50.000	48.784	782646.52	0.1455	P	0.7
5	☐	125.000	122.819	1953381.29	0.3658	P	0.6
6	☐	250.000	245.937	3929096.22	0.7322	P	0.7
7	☐	500.000	497.396	7855408.24	1.4806	P	0.6
8	☐	1000.000	1002.651	15433610.23	2.9843	A	0.9
9	☐			24485.48	0.0053	P	2.3

$$y = 0.0030 * x + 2.6636E-004$$

$$R = 1.0000$$

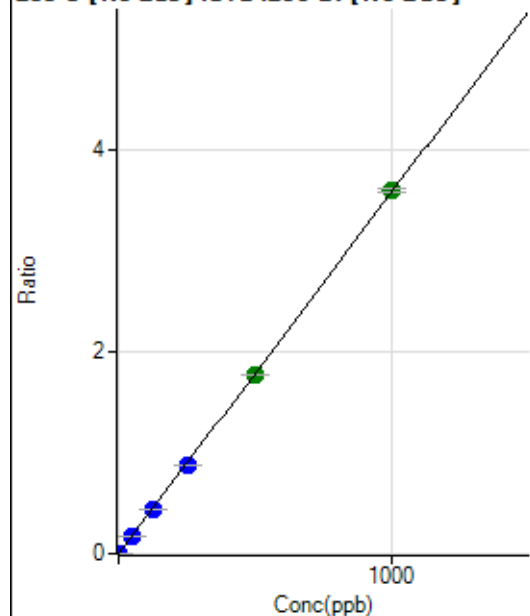
$$DL = 0.01145$$

$$BEC = 0.0895$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.90	0.0000	P	39.9
2	☐	0.100					
3	☐	1.000	0.836	16302.55	0.0030	P	4.8
4	☐	50.000	47.374	911178.83	0.1693	P	0.5
5	☐	125.000	120.321	2296572.29	0.4301	P	0.6
6	☐	250.000	244.720	4693599.15	0.8747	P	0.8
7	☐	500.000	494.363	9374698.65	1.7669	A	0.7
8	☐	1000.000	1004.855	18573628.88	3.5915	A	1.1
9	☐			947.31	0.0002	P	23.1

$$y = 0.0036 * x + 1.7932E-005$$

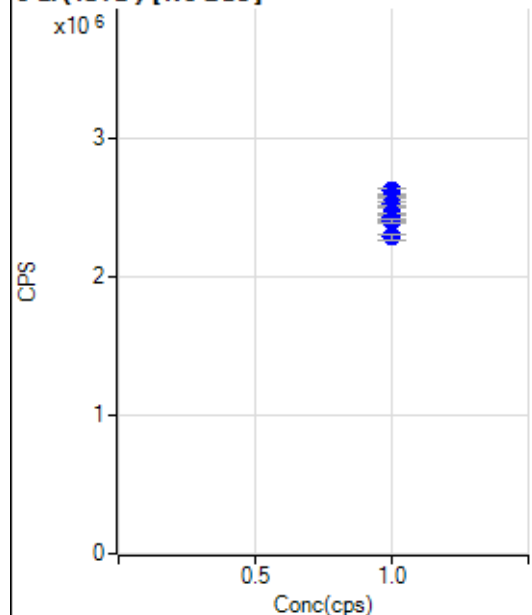
$$R = 1.0000$$

$$DL = 0.006012$$

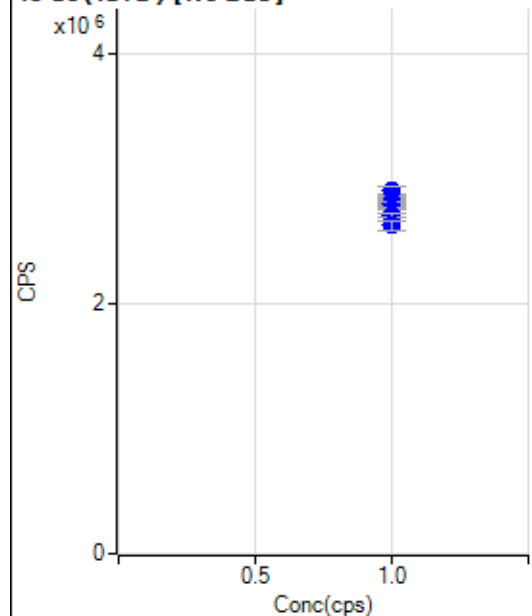
$$BEC = 0.005017$$

Weight: <None>

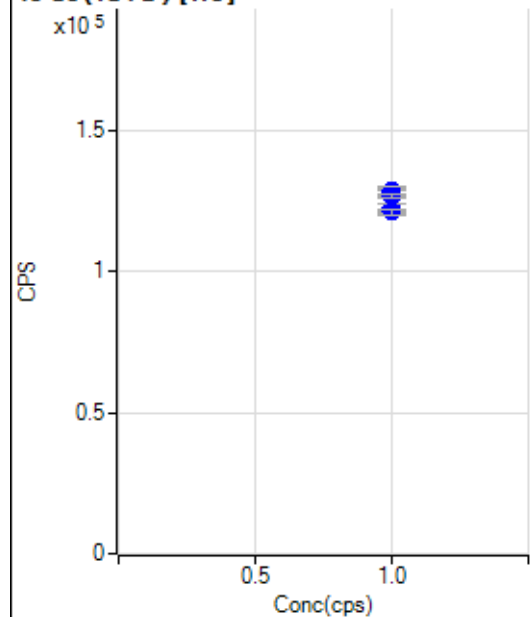
Min Conc: 0

6 Li (ISTD) [No Gas]

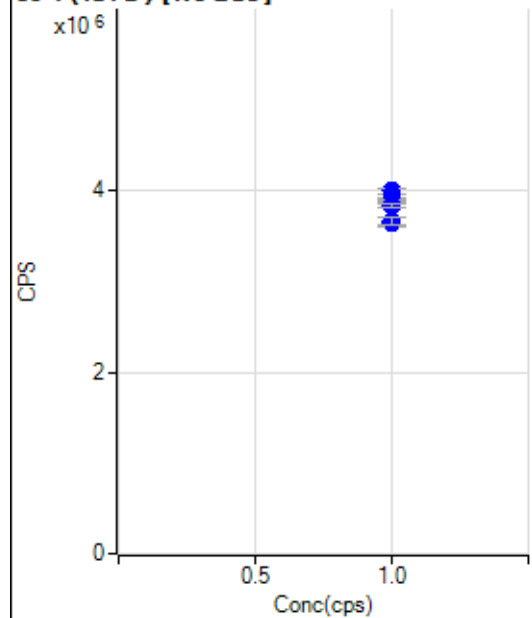
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2427487.15		P	1.9
2	☐	1.000					
3	☐	1.000		2622110.20		P	1.7
4	☐	1.000		2580056.72		P	0.2
5	☐	1.000		2530954.79		P	0.7
6	☐	1.000		2508524.39		P	0.5
7	☐	1.000		2463874.62		P	0.2
8	☐	1.000		2399605.50		P	1.0
9	☐	1.000		2290079.39		P	2.0

45 Sc (ISTD) [No Gas]

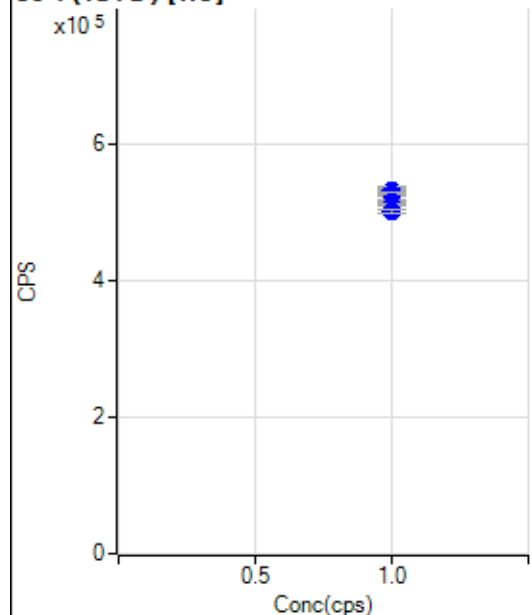
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2634629.55		P	3.9
2	☐	1.000					
3	☐	1.000		2898381.86		P	2.0
4	☐	1.000		2853190.28		P	0.7
5	☐	1.000		2809130.36		P	0.8
6	☐	1.000		2794116.77		P	0.9
7	☐	1.000		2756496.26		P	0.2
8	☐	1.000		2699458.50		P	1.3
9	☐	1.000		2622602.55		P	3.0

45 Sc (ISTD) [He]

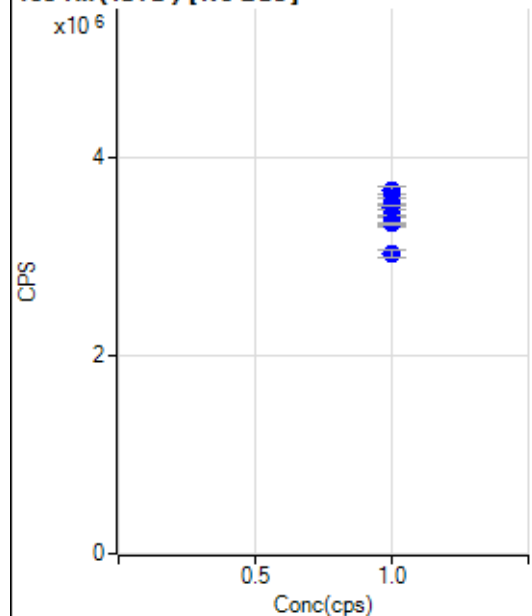
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		127989.70		P	1.7
2	☐	1.000					
3	☐	1.000		128589.58		P	1.8
4	☐	1.000		128175.42		P	3.0
5	☐	1.000		126672.04		P	0.8
6	☐	1.000		121265.59		P	0.9
7	☐	1.000		122985.29		P	1.4
8	☐	1.000		121127.61		P	0.4
9	☐	1.000		121058.47		P	1.4

89 Y (ISTD) [No Gas]

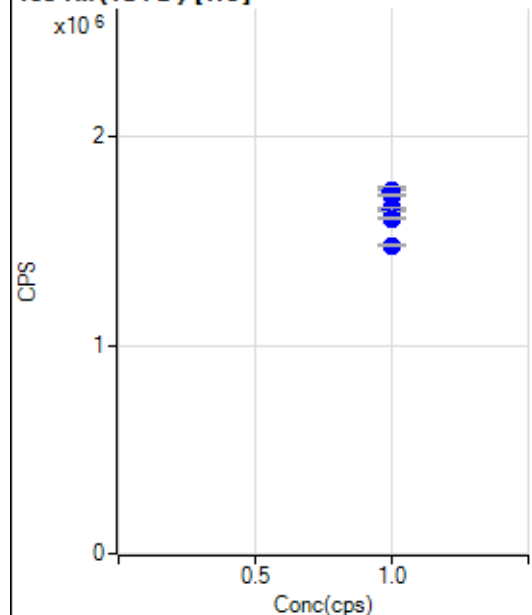
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3656731.93		P	2.7
2	☐	1.000					
3	☐	1.000		3999477.09		P	1.8
4	☐	1.000		3960565.78		P	0.3
5	☐	1.000		3908364.77		P	1.2
6	☐	1.000		3913876.85		P	0.4
7	☐	1.000		3891287.44		P	0.4
8	☐	1.000		3840421.85		P	0.9
9	☐	1.000		3666925.67		P	2.3

89 Y(ISTD) [He]

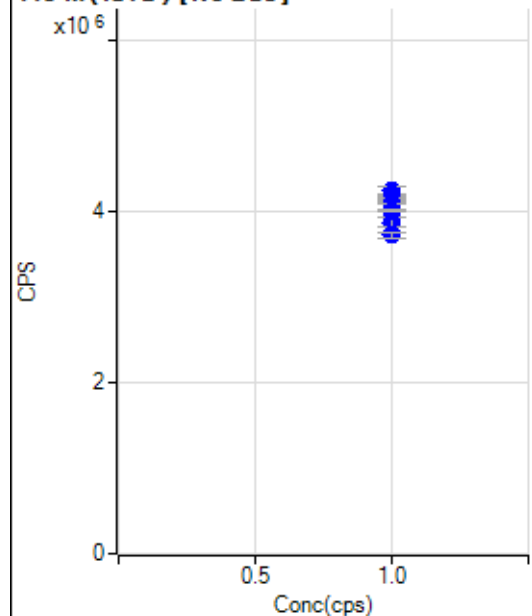
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		529754.84		P	1.4
2	☐	1.000					
3	☐	1.000		528807.54		P	2.3
4	☐	1.000		531275.70		P	2.3
5	☐	1.000		527527.02		P	0.7
6	☐	1.000		511331.83		P	0.6
7	☐	1.000		516314.88		P	0.9
8	☐	1.000		511023.70		P	0.3
9	☐	1.000		501267.90		P	0.9

103 Rh(ISTD) [No Gas]

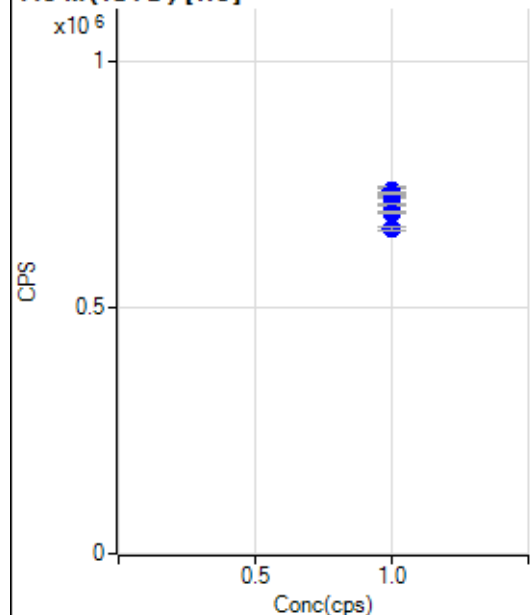
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3339374.01		P	2.9
2	☐	1.000					
3	☐	1.000		3659756.42		P	2.1
4	☐	1.000		3590826.25		P	0.1
5	☐	1.000		3520886.75		P	0.6
6	☐	1.000		3491487.75		P	0.7
7	☐	1.000		3416605.07		P	0.1
8	☐	1.000		3328064.16		P	1.0
9	☐	1.000		3025946.90		P	2.3

103 Rh (ISTD) [He]

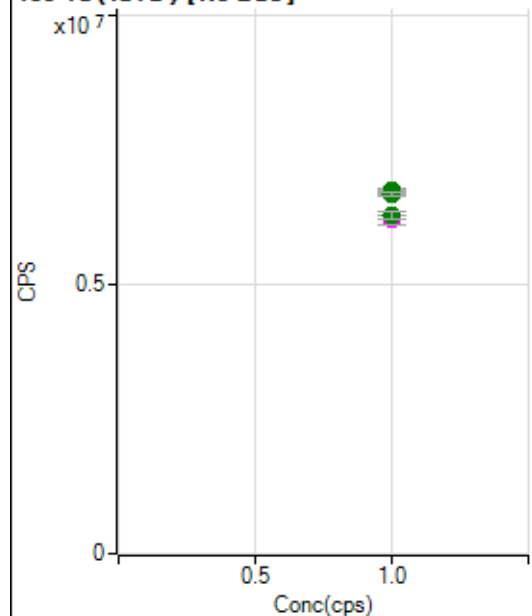
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1737164.07		P	1.0
2	☐	1.000					
3	☐	1.000		1738031.52		P	1.8
4	☐	1.000		1739957.35		P	2.3
5	☐	1.000		1717236.94		P	0.4
6	☐	1.000		1657475.16		P	0.6
7	☐	1.000		1648546.76		P	1.1
8	☐	1.000		1607609.44		P	0.6
9	☐	1.000		1479209.08		P	0.6

115 In (ISTD) [No Gas]

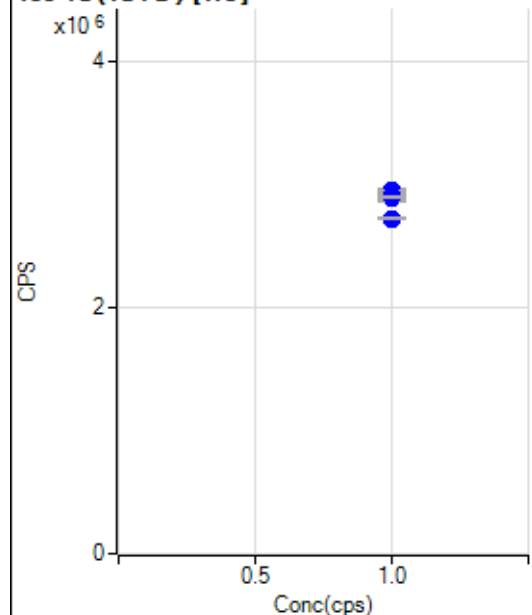
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3871964.71		P	2.9
2	☐	1.000					
3	☐	1.000		4241668.11		P	2.0
4	☐	1.000		4199053.21		P	0.5
5	☐	1.000		4141976.42		P	0.8
6	☐	1.000		4153405.25		P	0.4
7	☐	1.000		4090578.15		P	0.0
8	☐	1.000		4010532.35		P	0.7
9	☐	1.000		3724321.73		P	2.1

115 In (ISTD) [He]

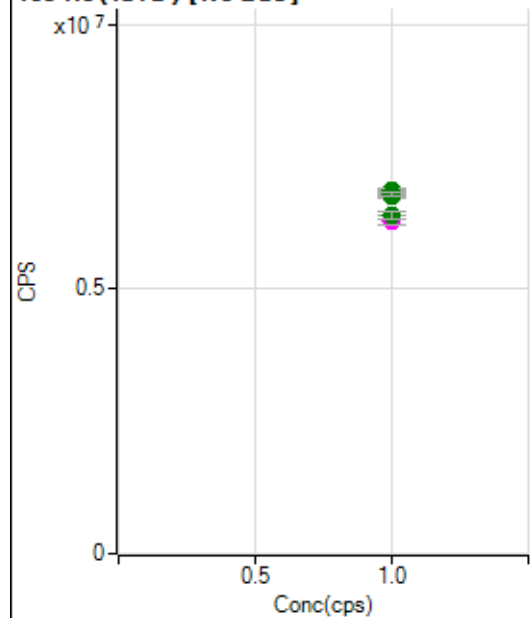
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		735053.26		P	1.5
2	☐	1.000					
3	☐	1.000		732215.32		P	2.3
4	☐	1.000		736490.66		P	2.4
5	☐	1.000		730724.95		P	0.4
6	☐	1.000		709731.13		P	0.5
7	☐	1.000		708597.16		P	1.1
8	☐	1.000		692172.47		P	0.6
9	☐	1.000		660263.92		P	0.9

159 Tb (ISTD) [No Gas]

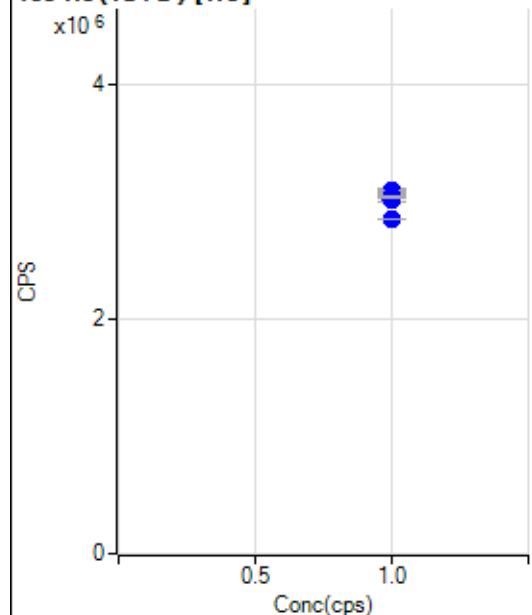
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6209456.37		M	2.6
2	☐	1.000					
3	☐	1.000		6728115.67		A	2.2
4	☐	1.000		6702163.58		A	0.3
5	☐	1.000		6680872.96		A	0.8
6	☐	1.000		6750032.68		A	0.8
7	☐	1.000		6717604.76		A	0.3
8	☐	1.000		6677478.79		A	1.0
9	☐	1.000		6298668.03		A	2.3

159 Tb (ISTD) [He]

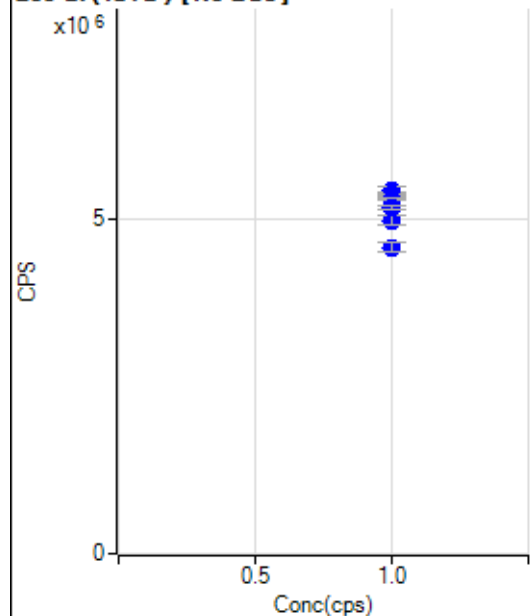
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2888676.90		P	1.2
2	☐	1.000					
3	☐	1.000		2898653.88		P	2.2
4	☐	1.000		2941649.26		P	2.3
5	☐	1.000		2949228.32		P	0.7
6	☐	1.000		2907745.97		P	0.7
7	☐	1.000		2910129.58		P	1.3
8	☐	1.000		2904807.91		P	0.5
9	☐	1.000		2723084.04		P	0.5

165 Ho (ISTD) [No Gas]

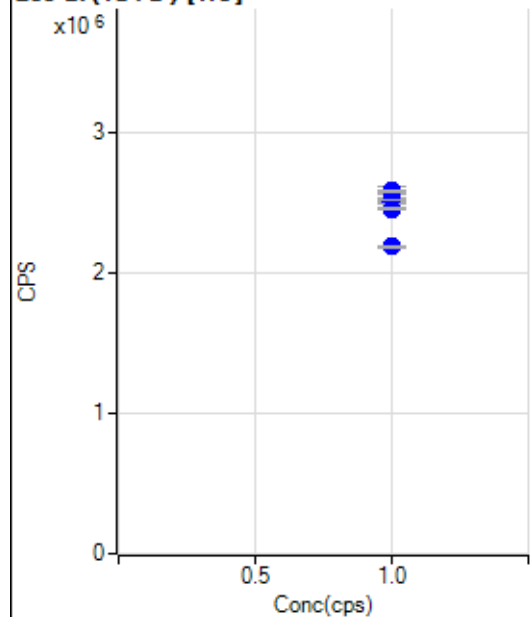
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6298049.62		M	2.8
2	☐	1.000					
3	☐	1.000		6799518.03		A	2.0
4	☐	1.000		6766103.15		A	0.3
5	☐	1.000		6757303.67		A	0.5
6	☐	1.000		6852679.36		A	1.0
7	☐	1.000		6808543.86		A	0.1
8	☐	1.000		6780133.05		A	1.1
9	☐	1.000		6388280.79		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3027416.80		P	1.4
2	☐	1.000					
3	☐	1.000		3043140.79		P	2.1
4	☐	1.000		3080970.72		P	2.3
5	☐	1.000		3098859.15		P	0.8
6	☐	1.000		3045996.65		P	0.9
7	☐	1.000		3056335.06		P	1.3
8	☐	1.000		3041629.19		P	0.7
9	☐	1.000		2856432.14		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4978697.53		P	3.0
2	☐	1.000					
3	☐	1.000		5426132.35		P	2.5
4	☐	1.000		5380947.60		P	0.7
5	☐	1.000		5340291.62		P	0.6
6	☐	1.000		5366319.61		P	0.7
7	☐	1.000		5305760.23		P	0.4
8	☐	1.000		5171950.37		P	0.9
9	☐	1.000		4586961.63		P	2.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2557162.13		P	1.4
2	☐	1.000					
3	☐	1.000		2560913.32		P	2.4
4	☐	1.000		2584235.05		P	2.1
5	☐	1.000		2582731.82		P	0.8
6	☐	1.000		2507724.74		P	0.5
7	☐	1.000		2504094.03		P	1.4
8	☐	1.000		2453669.58		P	0.7
9	☐	1.000		2185937.64		P	0.7

US EPA Tune Check Sample Report

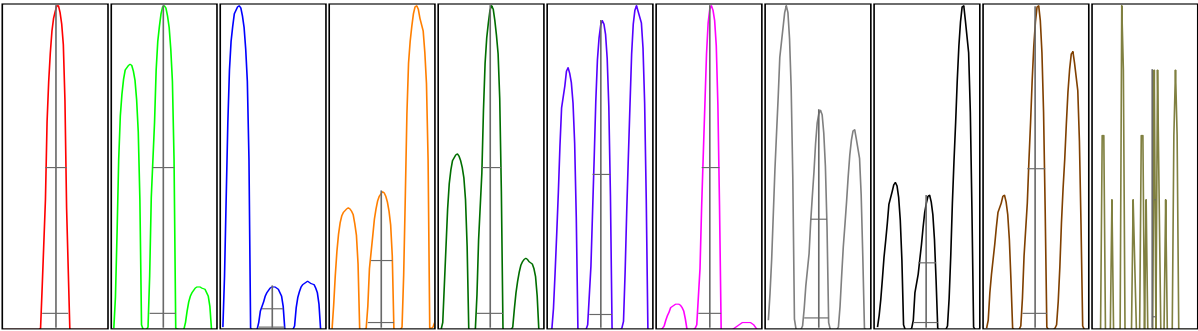
Batch Folder D:\ICP-MS Data\P7120117-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7907	0.20	5.00	
24	46966	0.21	5.00	
25	6188	0.19	5.00	
26	6962	0.22	5.00	
59	26537	0.26	5.00	
113	3530	0.57	5.00	
115	45975	0.77	5.00	
206	15421	0.26	5.00	
207	14041	0.27	5.00	
208	33757	0.37	5.00	
220	0	71.26		

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	7904	7909	7928	7912	7883
24	46971	47080	46994	46804	46981
25	6205	6187	6187	6189	6171
26	6983	6973	6953	6960	6944
59	26646	26560	26474	26521	26483
113	3549	3534	3531	3542	3497
115	46205	46332	46143	45649	45545
206	15408	15468	15403	15373	15455
207	14082	14032	14078	13998	14015
208	33965	33703	33744	33628	33744
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13556	9.05	8.9 - 9.1		0.775	0.900	
24	77920	24.00	23.9 - 24.1		0.782	0.900	
25	10186	25.00	24.9 - 25.1		0.781	0.900	
26	11508	26.00	25.9 - 26.1		0.781	0.900	
59	47472	59.00	58.9 - 59.1		0.771	0.900	
113	7180	113.05	112.9 - 113.1		0.685	0.900	
115	95423	115.05	114.9 - 115.1		0.683	0.900	
206	32447	206.05	205.9 - 206.1		0.725	0.900	
207	29376	207.00	206.9 - 207.1		0.710	0.900	
208	71212	208.00	207.9 - 208.1		0.721	0.900	
220	0	220.25	-		0.095		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.9	V	Deflect	13.6	V
Extract 2	-130.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7313	0.36	
89	65827	0.17	
205	11826	0.27	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	7337	7289	7337	7318	7282
89	65765	65715	65863	66008	65786
205	11824	11776	11864	11833	11833

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.2	V	Deflect	1.4	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:38:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.87	0.41	1.46	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.24	-0.01	0.25	0.00	N/A	ppb
Boron	11-1	-0.03	0.07	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.22	-0.15	-0.08	0.00	N/A	ppb
Cadmium	106-1	2.81	-1.77	-1.04	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Calcium	43-1	2.24	0.31	-2.55	0.00	N/A	ppb
Calcium	44-1	31.32	-32.32	1.01	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.07	-0.01	-0.06	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.04	-0.10	0.14	0.00	N/A	ppb
Iron	57-2	0.78	-0.83	0.04	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.13	-1.01	1.14	0.00	N/A	ppb
Manganese	55-2	0.03	-0.02	-0.01	0.00	N/A	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:38:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	0.03	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.01	0.04	0.00	N/A	ppb
Phosphorus	31-2	2.56	-38.36	-18.93	-18.24		ppb
Potassium	39-2	-3.00	3.06	-0.07	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	-0.65	0.34	0.00	N/A	ppb
Selenium	82-1	-0.16	0.13	0.03	0.00	N/A	ppb
Silicon	28-1	-388.00	411.38	-23.38	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sodium	23-2	-0.82	0.19	0.64	0.00	N/A	ppb
Strontium	86-1	0.05	-0.08	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	2858.54	163.35	1288.20	1436.70	94.22	ppb
Terbium	159-1						%
Terbium	159-2						%
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
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.02	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:38:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	-0.01	0.03	0.00	N/A	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:46:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	0.31	-3.35	-0.68		ppb
Antimony	121-1	1.82	1.61	1.86	1.76	7.60	ppb
Arsenic	75-2	1.36	0.84	1.18	1.13	23.26	ppb
Barium	135-1	8.83	9.56	9.69	9.36	4.95	ppb
Barium	137-1	8.63	8.75	9.56	8.98	5.63	ppb
Beryllium	9-1	0.98	0.98	0.92	0.96	3.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.73	21.20	23.52	22.15	5.50	ppb
Boron	11-1	20.74	20.70	22.68	21.38	5.30	ppb
Cadmium	111-1	0.81	1.03	0.92	0.92	12.26	ppb
Cadmium	106-1	-1.10	2.90	1.22	1.00	200.03	ppb
Cadmium	108-1	1.49	1.04	1.91	1.48	29.46	ppb
Calcium	43-1	421.22	452.08	427.38	433.56	3.77	ppb
Calcium	44-1	363.87	345.33	386.13	365.11	5.59	ppb
Chromium	52-2	1.95	2.04	1.98	1.99	2.49	ppb
Cobalt	59-2	0.99	0.95	0.97	0.97	2.27	ppb
Copper	63-2	2.07	2.06	1.86	2.00	5.80	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.18	47.13	49.54	48.28	2.50	ppb
Iron	57-2	47.56	46.79	46.45	46.93	1.22	ppb
Lead	206-1	0.87	0.83	0.85	0.85	2.91	ppb
Lead	207-1	0.88	0.90	0.96	0.91	4.31	ppb
Lead	208-1	0.86	0.84	0.89	0.86	2.68	ppb
Lithium	6-1						%
Magnesium	24-2	452.15	437.01	455.13	448.10	2.17	ppb
Manganese	55-2	0.92	0.96	1.01	0.97	4.92	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:46:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.41	4.32	4.40	4.38	1.15	ppb
Molybdenum	95-1	4.51	4.49	4.70	4.57	2.53	ppb
Molybdenum	96-1	4.40	4.50	4.40	4.43	1.38	ppb
Molybdenum	97-1	4.65	4.64	4.22	4.51	5.42	ppb
Molybdenum	98-1	4.31	4.07	4.49	4.29	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.92	1.04	1.03	11.12	ppb
Phosphorus	31-2	43.30	-13.02	24.45	18.24	157.15	ppb
Potassium	39-2	448.01	429.80	448.36	442.05	2.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.25	9.74	0.00	8.00	91.09	ppb
Selenium	78-2	6.46	3.22	5.33	5.00	32.88	ppb
Selenium	82-1	4.97	4.01	4.42	4.46	10.81	ppb
Silicon	28-1	1097.07	1272.54	824.96	1064.86	21.18	ppb
Silver	109-1	0.95	0.93	1.03	0.97	5.38	ppb
Silver	107-1	1.01	0.97	0.91	0.96	4.80	ppb
Sodium	23-2	469.65	458.94	472.91	467.17	1.57	ppb
Strontium	86-1	0.95	0.87	0.79	0.87	8.82	ppb
Strontium	88-1	0.90	0.90	0.89	0.90	0.77	ppb
Sulfur	34-1	-1271.49	-2071.65	-966.95	-1436.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.81	0.87	0.86	4.94	ppb
Thallium	205-1	0.86	0.87	0.90	0.88	2.54	ppb
Tin	118-1	4.58	4.39	4.36	4.44	2.66	ppb
Titanium	47-1	4.50	3.83	4.28	4.20	8.09	ppb
Uranium	238-1	0.84	0.79	0.87	0.84	4.79	ppb
Vanadium	51-2	4.53	4.43	4.69	4.55	2.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.53	1.67	1.76	1.65	7.15	ppb
Zirconium	90-1	0.80	0.80	0.90	0.83	7.16	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:46:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.77	0.77	0.76	0.77	1.05	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:50:07	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	941.83	988.98	1023.70	984.84	4.17	ppb
Antimony	121-1	49.21	49.99	49.57	49.59	0.79	ppb
Arsenic	75-2	50.13	49.83	52.06	50.67	2.39	ppb
Barium	135-1	251.10	254.35	250.39	251.95	0.84	ppb
Barium	137-1	247.50	247.97	246.86	247.45	0.22	ppb
Beryllium	9-1	52.01	51.08	50.80	51.29	1.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.70	49.05	49.18	48.98	0.50	ppb
Boron	11-1	48.59	49.86	49.50	49.32	1.33	ppb
Cadmium	111-1	52.16	51.58	51.41	51.72	0.77	ppb
Cadmium	106-1	51.38	50.27	53.90	51.85	3.59	ppb
Cadmium	108-1	50.91	50.64	51.98	51.18	1.38	ppb
Calcium	43-1	4804.23	4747.28	4661.73	4737.75	1.51	ppb
Calcium	44-1	4897.32	4827.97	4801.54	4842.28	1.02	ppb
Chromium	52-2	49.05	50.26	52.77	50.69	3.75	ppb
Cobalt	59-2	49.67	50.43	52.87	50.99	3.28	ppb
Copper	63-2	101.15	101.94	107.51	103.54	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2526.20	2579.02	2693.37	2599.53	3.29	ppb
Iron	57-2	2537.89	2636.01	2634.35	2602.75	2.16	ppb
Lead	206-1	49.47	49.45	48.60	49.18	1.01	ppb
Lead	207-1	49.12	48.66	48.34	48.71	0.81	ppb
Lead	208-1	49.12	48.81	48.43	48.78	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	4883.56	4994.77	5183.76	5020.70	3.02	ppb
Manganese	55-2	96.21	98.41	103.52	99.38	3.77	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:50:07	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	246.52	246.32	244.29	245.71	0.50	ppb
Molybdenum	95-1	243.65	248.17	244.85	245.56	0.95	ppb
Molybdenum	96-1	247.34	245.53	243.97	245.61	0.69	ppb
Molybdenum	97-1	246.75	244.43	246.12	245.76	0.49	ppb
Molybdenum	98-1	242.66	241.47	238.59	240.91	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.34	50.73	53.22	51.43	3.03	ppb
Phosphorus	31-2	859.09	945.25	863.57	889.30	5.45	ppb
Potassium	39-2	2399.79	2468.00	2550.30	2472.70	3.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	48.45	39.82	60.80	49.69	21.22	ppb
Selenium	78-2	56.02	59.24	48.53	54.59	10.06	ppb
Selenium	82-1	53.68	52.11	49.61	51.80	3.96	ppb
Silicon	28-1	987.77	1032.95	1210.65	1077.12	10.94	ppb
Silver	109-1	53.09	52.33	52.75	52.73	0.73	ppb
Silver	107-1	52.56	53.15	52.92	52.88	0.56	ppb
Sodium	23-2	4857.24	4989.71	5191.24	5012.73	3.36	ppb
Strontium	86-1	48.43	50.54	50.30	49.76	2.32	ppb
Strontium	88-1	49.48	49.20	49.01	49.23	0.48	ppb
Sulfur	34-1	-170.11	-568.36	-991.83	-576.77		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.35	48.56	48.16	48.69	1.24	ppb
Thallium	205-1	48.37	48.01	47.32	47.90	1.12	ppb
Tin	118-1	50.06	50.37	50.24	50.22	0.31	ppb
Titanium	47-1	250.46	249.73	246.43	248.87	0.86	ppb
Uranium	238-1	47.56	47.46	47.10	47.37	0.51	ppb
Vanadium	51-2	48.61	49.64	51.41	49.89	2.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	98.33	100.27	105.67	101.42	3.75	ppb
Zirconium	90-1	48.95	49.27	48.73	48.98	0.55	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:50:07	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.84	48.27	49.57	48.89	1.32	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:53:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2495.39	2460.73	2496.58	2484.23	0.82	ppb
Antimony	121-1	123.81	124.59	126.66	125.02	1.17	ppb
Arsenic	75-2	128.60	122.94	126.32	125.95	2.26	ppb
Barium	135-1	624.61	622.18	631.36	626.05	0.76	ppb
Barium	137-1	619.94	619.42	626.02	621.79	0.59	ppb
Beryllium	9-1	128.30	127.96	130.48	128.91	1.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.93	124.26	133.58	127.26	4.31	ppb
Boron	11-1	122.28	123.11	126.65	124.01	1.87	ppb
Cadmium	111-1	129.18	129.99	132.43	130.53	1.29	ppb
Cadmium	106-1	126.77	137.20	130.21	131.39	4.04	ppb
Cadmium	108-1	129.41	131.70	130.96	130.69	0.89	ppb
Calcium	43-1	11905.14	12086.51	12065.71	12019.12	0.83	ppb
Calcium	44-1	12198.28	12206.00	12343.55	12249.28	0.67	ppb
Chromium	52-2	127.23	124.61	126.02	125.95	1.04	ppb
Cobalt	59-2	128.97	126.09	127.96	127.67	1.15	ppb
Copper	63-2	259.63	255.28	255.03	256.65	1.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6587.21	6519.44	6540.88	6549.18	0.53	ppb
Iron	57-2	6595.94	6427.00	6373.44	6465.46	1.80	ppb
Lead	206-1	122.42	124.77	123.91	123.70	0.96	ppb
Lead	207-1	121.90	122.70	123.20	122.60	0.53	ppb
Lead	208-1	122.23	122.64	123.59	122.82	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	12784.94	12554.01	12608.13	12649.02	0.95	ppb
Manganese	55-2	254.70	249.61	249.88	251.40	1.14	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:53:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	614.24	613.94	631.31	619.83	1.60	ppb
Molybdenum	95-1	610.74	616.40	623.28	616.81	1.02	ppb
Molybdenum	96-1	613.08	617.94	624.62	618.55	0.94	ppb
Molybdenum	97-1	620.68	624.55	627.49	624.24	0.55	ppb
Molybdenum	98-1	599.60	605.76	617.70	607.69	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.50	126.68	127.91	128.70	1.95	ppb
Phosphorus	31-2	2552.13	2449.16	2510.89	2504.06	2.07	ppb
Potassium	39-2	6287.81	6163.30	6207.38	6219.50	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	102.75	117.52	109.43	109.90	6.73	ppb
Selenium	78-2	133.96	121.83	127.31	127.70	4.75	ppb
Selenium	82-1	127.51	127.93	132.20	129.22	2.01	ppb
Silicon	28-1	1189.71	1143.67	978.23	1103.87	10.08	ppb
Silver	109-1	131.34	130.48	131.25	131.02	0.36	ppb
Silver	107-1	131.09	131.13	133.49	131.91	1.04	ppb
Sodium	23-2	12805.03	12567.15	12656.44	12676.21	0.95	ppb
Strontium	86-1	122.64	124.79	126.25	124.56	1.46	ppb
Strontium	88-1	124.30	124.83	126.36	125.16	0.85	ppb
Sulfur	34-1	1456.02	995.93	1342.03	1264.66	18.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.68	122.18	123.22	122.70	0.42	ppb
Thallium	205-1	120.95	119.87	121.08	120.63	0.55	ppb
Tin	118-1	125.05	126.74	127.46	126.42	0.98	ppb
Titanium	47-1	618.48	619.44	621.93	619.95	0.29	ppb
Uranium	238-1	119.94	119.80	121.22	120.32	0.65	ppb
Vanadium	51-2	125.38	125.34	124.98	125.23	0.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	254.08	256.39	257.70	256.06	0.72	ppb
Zirconium	90-1	122.71	122.99	125.72	123.81	1.34	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:53:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.21	123.04	127.40	124.22	2.25	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:57:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5126.90	5072.06	5142.20	5113.72	0.72	ppb
Antimony	121-1	251.40	250.49	247.07	249.65	0.91	ppb
Arsenic	75-2	259.04	259.65	254.99	257.89	0.98	ppb
Barium	135-1	1265.83	1241.01	1237.91	1248.25	1.23	ppb
Barium	137-1	1255.99	1240.66	1234.38	1243.68	0.89	ppb
Beryllium	9-1	257.14	251.85	253.21	254.07	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	249.07	249.60	251.25	249.97	0.46	ppb
Boron	11-1	244.49	245.44	250.63	246.85	1.34	ppb
Cadmium	111-1	260.34	254.59	255.10	256.68	1.24	ppb
Cadmium	106-1	255.86	249.86	252.69	252.80	1.19	ppb
Cadmium	108-1	261.99	256.38	245.02	254.46	3.40	ppb
Calcium	43-1	24268.32	23668.45	23985.28	23974.02	1.25	ppb
Calcium	44-1	24910.59	24237.79	24578.61	24575.66	1.37	ppb
Chromium	52-2	260.85	254.22	259.28	258.12	1.34	ppb
Cobalt	59-2	261.47	257.00	261.38	259.95	0.98	ppb
Copper	63-2	526.96	516.48	530.65	524.70	1.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13498.24	13232.30	13447.72	13392.76	1.05	ppb
Iron	57-2	13465.53	13149.40	13381.76	13332.23	1.23	ppb
Lead	206-1	248.61	245.84	245.93	246.79	0.64	ppb
Lead	207-1	248.51	244.02	245.72	246.08	0.92	ppb
Lead	208-1	247.80	244.56	245.45	245.94	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	26133.60	25740.62	26176.14	26016.79	0.92	ppb
Manganese	55-2	519.77	508.27	516.31	514.78	1.15	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:57:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1247.11	1234.76	1229.12	1237.00	0.74	ppb
Molybdenum	95-1	1240.84	1235.40	1230.12	1235.46	0.43	ppb
Molybdenum	96-1	1239.20	1229.37	1226.21	1231.59	0.55	ppb
Molybdenum	97-1	1243.16	1236.77	1235.20	1238.37	0.34	ppb
Molybdenum	98-1	1225.15	1217.76	1205.00	1215.97	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.50	259.49	260.42	261.47	1.02	ppb
Phosphorus	31-2	4958.49	5136.69	5484.79	5193.32	5.15	ppb
Potassium	39-2	12784.19	12539.70	12897.10	12740.33	1.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	298.93	258.65	265.39	274.32	7.86	ppb
Selenium	78-2	280.55	280.15	270.85	277.19	1.98	ppb
Selenium	82-1	254.58	249.13	254.12	252.61	1.20	ppb
Silicon	28-1	985.14	1202.07	1167.90	1118.37	10.43	ppb
Silver	109-1	259.28	256.52	254.59	256.80	0.92	ppb
Silver	107-1	259.32	255.06	255.08	256.49	0.96	ppb
Sodium	23-2	26022.53	25627.40	25965.27	25871.73	0.83	ppb
Strontium	86-1	251.85	248.97	247.92	249.58	0.81	ppb
Strontium	88-1	249.98	248.97	247.27	248.74	0.55	ppb
Sulfur	34-1	3674.16	3017.59	3447.92	3379.89	9.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	247.10	244.91	243.32	245.11	0.78	ppb
Thallium	205-1	245.94	242.81	242.09	243.61	0.84	ppb
Tin	118-1	253.62	250.43	248.22	250.76	1.08	ppb
Titanium	47-1	1243.11	1233.99	1231.24	1236.11	0.50	ppb
Uranium	238-1	246.67	242.86	244.63	244.72	0.78	ppb
Vanadium	51-2	256.86	253.14	254.19	254.73	0.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	537.98	519.87	532.61	530.15	1.75	ppb
Zirconium	90-1	248.28	245.37	244.74	246.13	0.77	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:57:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.15	248.91	247.69	248.91	0.49	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:01:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9718.69	10136.05	10092.61	9982.45	2.30	ppb
Antimony	121-1	500.48	503.93	500.50	501.64	0.40	ppb
Arsenic	75-2	504.39	509.23	507.48	507.03	0.48	ppb
Barium	135-1	2504.77	2508.93	2490.48	2501.39	0.39	ppb
Barium	137-1	2503.63	2506.09	2500.83	2503.51	0.11	ppb
Beryllium	9-1	502.47	505.29	504.68	504.15	0.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	496.92	511.27	505.04	504.41	1.43	ppb
Boron	11-1	488.11	499.06	502.56	496.58	1.52	ppb
Cadmium	111-1	508.84	509.40	507.31	508.52	0.21	ppb
Cadmium	106-1	506.22	504.25	506.01	505.50	0.21	ppb
Cadmium	108-1	511.42	503.86	509.19	508.15	0.76	ppb
Calcium	43-1	48111.55	48029.09	48117.46	48086.03	0.10	ppb
Calcium	44-1	48614.80	48307.15	48691.78	48537.91	0.42	ppb
Chromium	52-2	494.89	510.80	507.78	504.49	1.67	ppb
Cobalt	59-2	495.48	511.72	511.21	506.14	1.82	ppb
Copper	63-2	999.84	1030.76	1025.08	1018.56	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25608.45	26418.89	26226.98	26084.77	1.62	ppb
Iron	57-2	25548.55	26384.67	26169.99	26034.40	1.67	ppb
Lead	206-1	495.25	498.64	499.32	497.74	0.44	ppb
Lead	207-1	493.09	496.77	498.98	496.28	0.60	ppb
Lead	208-1	493.90	498.29	499.99	497.40	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	50108.47	51801.82	51504.16	51138.15	1.77	ppb
Manganese	55-2	989.68	1020.79	1017.64	1009.37	1.70	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:01:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2502.78	2495.57	2478.03	2492.13	0.51	ppb
Molybdenum	95-1	2489.13	2491.86	2472.47	2484.48	0.42	ppb
Molybdenum	96-1	2496.66	2496.82	2490.96	2494.81	0.13	ppb
Molybdenum	97-1	2493.00	2494.04	2488.87	2491.97	0.11	ppb
Molybdenum	98-1	2470.71	2463.72	2474.41	2469.62	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.18	518.28	513.39	510.95	1.72	ppb
Phosphorus	31-2	9980.74	10060.50	10107.73	10049.65	0.64	ppb
Potassium	39-2	24417.41	25417.21	25077.57	24970.73	2.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	484.91	536.01	519.26	513.39	5.07	ppb
Selenium	78-2	540.70	510.69	505.26	518.88	3.68	ppb
Selenium	82-1	506.08	500.89	510.18	505.71	0.92	ppb
Silicon	28-1	963.41	1086.59	1039.45	1029.82	6.04	ppb
Silver	109-1	506.12	508.89	509.19	508.07	0.33	ppb
Silver	107-1	507.18	512.07	509.25	509.50	0.48	ppb
Sodium	23-2	49964.46	51421.56	50932.13	50772.72	1.46	ppb
Strontium	86-1	503.53	501.31	500.39	501.74	0.32	ppb
Strontium	88-1	503.38	502.71	500.93	502.34	0.25	ppb
Sulfur	34-1	9306.09	9042.05	9035.12	9127.75	1.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	490.61	494.76	498.60	494.65	0.81	ppb
Thallium	205-1	493.36	497.18	499.58	496.70	0.63	ppb
Tin	118-1	508.73	508.98	502.13	506.61	0.77	ppb
Titanium	47-1	2494.98	2513.43	2485.17	2497.86	0.57	ppb
Uranium	238-1	491.10	494.45	497.54	494.36	0.65	ppb
Vanadium	51-2	489.11	506.70	505.58	500.46	1.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	993.55	1030.25	1021.90	1015.23	1.89	ppb
Zirconium	90-1	498.98	497.35	494.55	496.96	0.45	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:01:33	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.70	496.32	496.71	497.58	0.37	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:05:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19523.38	19861.66	19686.30	19690.45	0.86	ppb
Antimony	121-1	986.04	998.39	1013.43	999.29	1.37	ppb
Arsenic	75-2	992.13	994.19	996.76	994.36	0.23	ppb
Barium	135-1	4938.44	5020.73	5039.37	4999.51	1.07	ppb
Barium	137-1	4941.34	5011.52	5048.21	5000.35	1.09	ppb
Beryllium	9-1	988.44	997.78	1002.84	996.36	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	961.17	988.63	1043.13	997.64	4.18	ppb
Boron	11-1	982.84	1004.19	1021.22	1002.75	1.92	ppb
Cadmium	111-1	981.42	995.13	1003.33	993.30	1.11	ppb
Cadmium	106-1	987.22	1002.91	996.85	995.66	0.79	ppb
Cadmium	108-1	994.04	983.87	1004.20	994.04	1.02	ppb
Calcium	43-1	95269.73	96054.17	97488.61	96270.84	1.17	ppb
Calcium	44-1	96110.38	96955.98	98138.22	97068.20	1.05	ppb
Chromium	52-2	989.63	995.15	1001.93	995.57	0.62	ppb
Cobalt	59-2	989.91	997.09	995.19	994.06	0.37	ppb
Copper	63-2	1966.54	1989.37	1994.71	1983.54	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51381.75	51751.59	51791.45	51641.60	0.44	ppb
Iron	57-2	50920.44	51578.99	51131.08	51210.17	0.66	ppb
Lead	206-1	994.17	998.97	1013.27	1002.14	0.99	ppb
Lead	207-1	995.43	999.75	1014.43	1003.20	0.99	ppb
Lead	208-1	995.61	1000.03	1012.32	1002.65	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	100203.40	101100.30	101010.22	100771.31	0.49	ppb
Manganese	55-2	1979.29	1993.82	2001.32	1991.48	0.56	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:05:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4968.29	5009.63	5046.23	5008.05	0.78	ppb
Molybdenum	95-1	4973.65	5000.44	5063.83	5012.64	0.92	ppb
Molybdenum	96-1	4952.66	5000.98	5071.03	5008.22	1.19	ppb
Molybdenum	97-1	4947.38	4985.06	5089.25	5007.23	1.47	ppb
Molybdenum	98-1	4975.88	5022.86	5080.22	5026.32	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.53	990.82	999.02	991.12	0.78	ppb
Phosphorus	31-2	20116.79	19794.55	19884.26	19931.87	0.83	ppb
Potassium	39-2	49502.23	49915.35	49776.60	49731.39	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	937.33	970.79	1059.22	989.11	6.37	ppb
Selenium	78-2	982.02	985.06	982.50	983.20	0.17	ppb
Selenium	82-1	985.14	990.23	1012.26	995.88	1.45	ppb
Silicon	28-1	459.07	356.09	186.04	333.74	41.31	ppb
Silver	109-1	985.84	992.42	1001.87	993.38	0.81	ppb
Silver	107-1	980.63	992.50	1004.73	992.62	1.21	ppb
Sodium	23-2	99727.78	100411.36	100642.36	100260.50	0.47	ppb
Strontium	86-1	993.43	994.92	1009.56	999.30	0.89	ppb
Strontium	88-1	991.60	996.91	1008.99	999.16	0.89	ppb
Sulfur	34-1	20461.30	21090.09	21671.82	21074.41	2.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	997.46	999.25	1016.03	1004.25	1.02	ppb
Thallium	205-1	993.33	999.66	1018.70	1003.90	1.32	ppb
Tin	118-1	988.65	991.93	1008.37	996.32	1.06	ppb
Titanium	47-1	4956.57	5004.46	5054.66	5005.23	0.98	ppb
Uranium	238-1	993.55	1004.82	1016.19	1004.85	1.13	ppb
Vanadium	51-2	998.16	997.74	999.79	998.57	0.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1973.40	1982.25	1996.40	1984.02	0.58	ppb
Zirconium	90-1	994.96	1002.05	1011.05	1002.69	0.80	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:05:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	995.83	1000.04	1009.04	1001.64	0.67	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:09:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100487.84	99606.42	100081.32	100058.53	0.44	ppb
Antimony	121-1	3.03	2.77	2.81	2.87	4.93	ppb
Arsenic	75-2	0.49	0.44	0.46	0.46	5.22	ppb
Barium	135-1	1.43	1.50	1.30	1.41	7.51	ppb
Barium	137-1	1.44	1.38	1.35	1.39	3.61	ppb
Beryllium	9-1	0.91	0.72	0.86	0.83	11.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.49	23.45	20.79	23.58	12.09	ppb
Boron	11-1	25.82	23.46	21.05	23.44	10.18	ppb
Cadmium	111-1	-0.09	-0.07	0.00	-0.05		ppb
Cadmium	106-1	-3.02	-2.06	-1.47	-2.18		ppb
Cadmium	108-1	-0.03	0.36	-0.11	0.08	327.46	ppb
Calcium	43-1	519417.04	495243.92	488348.76	501003.24	3.26	ppb
Calcium	44-1	519061.48	493491.18	489732.64	500761.77	3.19	ppb
Chromium	52-2	10.12	10.01	9.63	9.92	2.60	ppb
Cobalt	59-2	1.13	1.07	1.16	1.12	4.43	ppb
Copper	63-2	2.41	2.37	2.42	2.40	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251431.63	248791.60	248307.04	249510.09	0.67	ppb
Iron	57-2	252447.24	247827.95	248544.32	249606.50	1.00	ppb
Lead	206-1	1.84	1.73	1.72	1.76	3.83	ppb
Lead	207-1	1.80	1.62	1.65	1.69	5.58	ppb
Lead	208-1	1.75	1.68	1.68	1.70	2.37	ppb
Lithium	6-1						%
Magnesium	24-2	503890.83	497629.09	497511.69	499677.20	0.73	ppb
Manganese	55-2	5.03	4.77	5.00	4.94	2.91	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:09:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.14	2.25	2.49	2.29	7.83	ppb
Molybdenum	95-1	3.18	3.27	3.10	3.18	2.61	ppb
Molybdenum	96-1	3.43	2.92	2.94	3.09	9.26	ppb
Molybdenum	97-1	3.18	3.19	2.91	3.10	5.18	ppb
Molybdenum	98-1	2.96	3.02	2.94	2.98	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.92	7.09	6.78	6.93	2.23	ppb
Phosphorus	31-2	47.50	-3.95	35.96	26.50	101.86	ppb
Potassium	39-2	251615.13	248609.85	249912.37	250045.78	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.10	0.00	0.70	173.21	ppb
Selenium	78-2	0.07	0.76	0.05	0.29	137.67	ppb
Selenium	82-1	0.86	-0.40	0.66	0.37	182.47	ppb
Silicon	28-1	495.88	905.14	908.95	769.99	30.83	ppb
Silver	109-1	0.10	0.07	0.09	0.08	16.52	ppb
Silver	107-1	0.10	0.09	0.08	0.09	8.86	ppb
Sodium	23-2	504781.53	497752.74	496933.36	499822.54	0.86	ppb
Strontium	86-1	34.06	33.63	33.53	33.74	0.83	ppb
Strontium	88-1	35.31	33.60	33.25	34.05	3.25	ppb
Sulfur	34-1	-1128.10	-1895.66	-2003.73	-1675.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.21	0.22	0.23	10.56	ppb
Thallium	205-1	0.23	0.20	0.19	0.20	9.72	ppb
Tin	118-1	1.19	1.19	1.09	1.16	4.81	ppb
Titanium	47-1	1.37	1.04	1.28	1.23	13.66	ppb
Uranium	238-1	0.07	0.05	0.04	0.05	25.23	ppb
Vanadium	51-2	0.18	0.13	0.17	0.16	17.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.99	5.06	5.38	5.14	4.03	ppb
Zirconium	90-1	0.13	0.15	0.12	0.13	11.04	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:09:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.15	0.15	0.17	20.11	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:29:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	466.44	479.09	470.95	472.16	1.36	ppb
Antimony	121-1	189.06	191.27	193.02	191.11	1.04	ppb
Arsenic	75-2	195.94	197.26	191.72	194.97	1.48	ppb
Barium	135-1	96.31	96.84	98.41	97.19	1.12	ppb
Barium	137-1	94.59	94.73	97.49	95.61	1.71	ppb
Beryllium	9-1	95.92	95.75	96.34	96.00	0.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.09	505.84	527.04	509.32	3.19	ppb
Boron	11-1	492.75	508.04	517.76	506.18	2.49	ppb
Cadmium	111-1	102.53	104.90	107.91	105.11	2.57	ppb
Cadmium	106-1	195.10	200.32	210.00	201.81	3.75	ppb
Cadmium	108-1	154.48	162.90	152.96	156.78	3.42	ppb
Calcium	43-1	1970.30	1895.74	1996.05	1954.03	2.67	ppb
Calcium	44-1	1861.15	1892.37	1946.87	1900.13	2.28	ppb
Chromium	52-2	94.87	94.52	92.81	94.07	1.17	ppb
Cobalt	59-2	97.11	98.10	94.90	96.70	1.69	ppb
Copper	63-2	97.03	98.57	96.87	97.49	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	985.59	998.88	974.57	986.34	1.23	ppb
Iron	57-2	980.89	991.65	975.73	982.76	0.83	ppb
Lead	206-1	188.51	189.55	192.79	190.28	1.17	ppb
Lead	207-1	181.81	182.88	186.55	183.75	1.35	ppb
Lead	208-1	185.03	186.18	189.60	186.94	1.27	ppb
Lithium	6-1						%
Magnesium	24-2	1142.45	1132.22	1126.88	1133.85	0.70	ppb
Manganese	55-2	93.40	94.65	92.76	93.60	1.03	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:29:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1158.72	1173.01	1183.85	1171.86	1.08	ppb
Molybdenum	95-1	510.76	516.17	518.26	515.06	0.75	ppb
Molybdenum	96-1	593.96	594.36	599.65	595.99	0.53	ppb
Molybdenum	97-1	517.82	518.57	525.99	520.79	0.87	ppb
Molybdenum	98-1	503.31	505.98	512.92	507.40	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.14	98.91	97.56	98.20	0.69	ppb
Phosphorus	31-2	-3.38	-44.12	-41.10	-29.53		ppb
Potassium	39-2	1916.77	1889.69	1856.45	1887.64	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	169.02	210.11	203.65	194.26	11.37	ppb
Selenium	78-2	209.71	207.58	200.51	205.93	2.34	ppb
Selenium	82-1	192.93	200.03	200.15	197.71	2.09	ppb
Silicon	28-1	738.17	559.06	431.81	576.35	26.70	ppb
Silver	109-1	100.13	100.34	101.37	100.62	0.66	ppb
Silver	107-1	100.56	102.37	103.96	102.29	1.66	ppb
Sodium	23-2	1946.72	1945.37	1904.84	1932.31	1.23	ppb
Strontium	86-1	517.78	520.25	526.80	521.61	0.89	ppb
Strontium	88-1	521.10	524.39	532.91	526.13	1.16	ppb
Sulfur	34-1	-2350.47	-2064.58	-1562.02	-1992.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	190.70	190.75	194.36	191.94	1.09	ppb
Thallium	205-1	188.67	188.99	192.24	189.97	1.04	ppb
Tin	118-1	533.80	542.87	543.79	540.15	1.02	ppb
Titanium	47-1	524.94	528.85	537.84	530.54	1.25	ppb
Uranium	238-1	530.97	539.91	549.32	540.07	1.70	ppb
Vanadium	51-2	93.98	95.19	91.36	93.51	2.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	195.71	195.40	191.72	194.27	1.14	ppb
Zirconium	90-1	513.79	517.52	523.59	518.30	0.95	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:29:46	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	515.15	519.91	526.44	520.50	1.09	ppb

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 12:33:18 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-17.54	-18.65	-18.50	-18.23		ppb
Antimony	121-1	0.87	0.87	0.70	0.81	12.09	ppb
Arsenic	75-2	0.12	0.05	0.05	0.08	48.00	ppb
Barium	135-1	0.07	0.01	0.08	0.05	65.16	ppb
Barium	137-1	0.01	-0.01	0.02	0.00	335.68	ppb
Beryllium	9-1	0.22	0.12	0.15	0.17	31.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.78	13.83	11.56	13.39	12.36	ppb
Boron	11-1	13.75	13.16	11.35	12.75	9.81	ppb
Cadmium	111-1	0.01	-0.08	-0.08	-0.05		ppb
Cadmium	106-1	0.21	-0.88	-1.17	-0.61		ppb
Cadmium	108-1	-0.03	0.18	-0.11	0.02	979.34	ppb
Calcium	43-1	-0.68	-8.19	-2.88	-3.92		ppb
Calcium	44-1	-36.97	-35.84	-44.81	-39.21		ppb
Chromium	52-2	0.03	0.01	-0.04	0.00		ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	36.13	ppb
Copper	63-2	-0.05	-0.12	-0.14	-0.11		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.04	2.12	2.38	2.18	8.25	ppb
Iron	57-2	2.62	0.08	0.87	1.19	108.98	ppb
Lead	206-1	0.03	0.04	0.02	0.03	19.81	ppb
Lead	207-1	0.05	0.05	0.03	0.04	32.14	ppb
Lead	208-1	0.04	0.03	0.03	0.04	15.76	ppb
Lithium	6-1						%
Magnesium	24-2	-12.60	-10.65	-11.11	-11.45		ppb
Manganese	55-2	0.00	-0.05	-0.05	-0.03		ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:33:18	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.39	0.38	0.39	3.20	ppb
Molybdenum	95-1	0.35	0.32	0.29	0.32	9.66	ppb
Molybdenum	96-1	0.33	0.31	0.29	0.31	5.36	ppb
Molybdenum	97-1	0.27	0.42	0.26	0.32	28.74	ppb
Molybdenum	98-1	0.33	0.31	0.30	0.31	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.03	-0.01		ppb
Phosphorus	31-2	26.79	0.62	-22.21	1.73	1414.85	ppb
Potassium	39-2	22.48	15.56	16.21	18.08	21.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.27	0.62	1.55	1.15	41.56	ppb
Selenium	82-1	-0.29	-1.07	-0.20	-0.52		ppb
Silicon	28-1	921.66	949.93	858.38	909.99	5.15	ppb
Silver	109-1	0.01	0.03	0.01	0.02	42.30	ppb
Silver	107-1	0.02	0.01	0.02	0.01	20.13	ppb
Sodium	23-2	27.20	24.16	28.30	26.55	8.08	ppb
Strontium	86-1	-0.02	0.05	-0.02	0.01	624.01	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	20.18	ppb
Sulfur	34-1	-1683.82	-1644.97	-1690.15	-1672.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	25.80	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	36.14	ppb
Tin	118-1	0.36	0.48	0.39	0.41	15.10	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00		ppb
Uranium	238-1	0.03	0.01	0.02	0.02	36.33	ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.48	-0.44	-0.89	-0.60		ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	8.10	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:33:18	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.09	0.11	0.12	31.28	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:36:51	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91373.57	90704.51	91740.73	91272.94	0.58	ppb
Antimony	121-1	1.44	1.38	1.57	1.46	6.45	ppb
Arsenic	75-2	0.35	0.39	0.45	0.40	12.39	ppb
Barium	135-1	1.45	1.34	1.54	1.44	7.02	ppb
Barium	137-1	1.27	1.30	1.66	1.41	15.43	ppb
Beryllium	9-1	0.36	0.30	0.42	0.36	16.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.60	6.57	6.15	6.44	3.94	ppb
Boron	11-1	7.15	6.43	6.24	6.61	7.27	ppb
Cadmium	111-1	0.51	0.63	0.42	0.52	20.59	ppb
Cadmium	106-1	-0.09	-1.48	-1.97	-1.18		ppb
Cadmium	108-1	20.14	17.17	21.30	19.54	10.90	ppb
Calcium	43-1	92326.15	90890.24	92763.65	91993.35	1.07	ppb
Calcium	44-1	92908.76	91781.87	93518.99	92736.54	0.95	ppb
Chromium	52-2	19.85	18.85	19.07	19.26	2.75	ppb
Cobalt	59-2	1.06	1.09	1.14	1.10	3.95	ppb
Copper	63-2	7.72	7.59	7.59	7.63	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99470.49	98479.80	99238.23	99062.84	0.52	ppb
Iron	57-2	98125.37	97552.68	98427.48	98035.17	0.45	ppb
Lead	206-1	4.66	4.66	4.70	4.67	0.48	ppb
Lead	207-1	3.97	4.01	3.90	3.96	1.46	ppb
Lead	208-1	4.29	4.19	4.25	4.24	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	98057.82	97463.90	98197.51	97906.41	0.40	ppb
Manganese	55-2	7.30	7.28	7.32	7.30	0.32	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:36:51	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1269.86	1247.12	1276.11	1264.37	1.21	ppb
Molybdenum	95-1	1863.87	1817.56	1852.11	1844.51	1.31	ppb
Molybdenum	96-1	1783.61	1750.66	1784.99	1773.09	1.10	ppb
Molybdenum	97-1	1857.95	1831.25	1863.19	1850.80	0.93	ppb
Molybdenum	98-1	1830.44	1802.49	1843.42	1825.45	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	4.75	5.10	4.96	3.72	ppb
Phosphorus	31-2	96042.60	95363.16	95380.94	95595.57	0.41	ppb
Potassium	39-2	97357.36	96514.76	97525.61	97132.58	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	1.96	0.65	173.21	ppb
Selenium	78-2	1.99	0.66	-0.01	0.88	115.80	ppb
Selenium	82-1	0.68	-0.42	0.06	0.10	534.12	ppb
Silicon	28-1	727.22	805.74	658.86	730.60	10.06	ppb
Silver	109-1	0.11	0.18	0.14	0.14	25.65	ppb
Silver	107-1	0.17	0.16	0.21	0.18	12.38	ppb
Sodium	23-2	98314.88	98273.16	98938.93	98508.99	0.38	ppb
Strontium	86-1	32.31	31.49	33.52	32.44	3.15	ppb
Strontium	88-1	32.23	31.68	32.57	32.16	1.39	ppb
Sulfur	34-1	115330.47	112720.30	115357.32	114469.36	1.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.10	0.09	0.10	11.28	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	14.47	ppb
Tin	118-1	0.21	0.23	0.27	0.24	12.34	ppb
Titanium	47-1	1965.59	1943.34	1967.30	1958.74	0.68	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.82	ppb
Vanadium	51-2	0.15	0.19	0.17	0.17	11.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.67	10.70	10.45	10.61	1.29	ppb
Zirconium	90-1	0.24	0.24	0.19	0.22	12.29	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:36:51	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.14	0.15	0.17	24.45	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:40:22	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91189.53	92368.65	93559.65	92372.61	1.28	ppb
Antimony	121-1	20.92	20.67	20.67	20.75	0.68	ppb
Arsenic	75-2	19.80	19.38	20.09	19.76	1.83	ppb
Barium	135-1	20.87	21.10	20.39	20.79	1.74	ppb
Barium	137-1	20.91	21.32	20.35	20.86	2.34	ppb
Beryllium	9-1	19.80	19.46	20.14	19.80	1.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.29	59.98	59.85	59.04	2.57	ppb
Boron	11-1	56.40	57.61	58.90	57.64	2.17	ppb
Cadmium	111-1	20.33	20.16	19.68	20.06	1.67	ppb
Cadmium	106-1	25.08	23.63	24.33	24.35	2.98	ppb
Cadmium	108-1	41.23	42.46	44.93	42.87	4.40	ppb
Calcium	43-1	93335.69	92348.26	92526.96	92736.97	0.57	ppb
Calcium	44-1	93839.73	93338.97	94136.95	93771.89	0.43	ppb
Chromium	52-2	38.45	39.19	39.47	39.04	1.35	ppb
Cobalt	59-2	20.53	21.07	21.13	20.91	1.59	ppb
Copper	63-2	27.14	28.05	27.23	27.48	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99305.97	101349.62	101646.17	100767.25	1.26	ppb
Iron	57-2	98234.91	100008.81	100614.65	99619.46	1.24	ppb
Lead	206-1	24.71	24.64	24.99	24.78	0.75	ppb
Lead	207-1	22.81	22.85	22.91	22.85	0.22	ppb
Lead	208-1	23.37	23.49	23.55	23.47	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	97861.48	100199.68	100776.82	99612.66	1.55	ppb
Manganese	55-2	26.62	26.74	27.53	26.96	1.84	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:40:22	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1401.08	1392.47	1397.39	1396.98	0.31	ppb
Molybdenum	95-1	1909.63	1925.66	1920.61	1918.63	0.43	ppb
Molybdenum	96-1	1856.80	1856.38	1853.20	1855.46	0.11	ppb
Molybdenum	97-1	1928.23	1929.42	1917.70	1925.12	0.34	ppb
Molybdenum	98-1	1894.57	1899.67	1904.64	1899.63	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.99	25.51	25.32	25.27	1.04	ppb
Phosphorus	31-2	94321.87	95518.32	97841.53	95893.91	1.87	ppb
Potassium	39-2	97047.10	98941.54	99580.00	98522.88	1.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	25.90	14.32	20.33	20.18	28.70	ppb
Selenium	78-2	15.90	23.84	28.07	22.60	27.32	ppb
Selenium	82-1	20.51	20.39	19.28	20.06	3.37	ppb
Silicon	28-1	422.90	399.98	346.43	389.77	10.07	ppb
Silver	109-1	18.91	18.69	18.59	18.73	0.87	ppb
Silver	107-1	18.54	19.11	18.63	18.76	1.64	ppb
Sodium	23-2	98869.51	100779.70	101817.15	100488.79	1.49	ppb
Strontium	86-1	87.47	85.00	87.42	86.63	1.63	ppb
Strontium	88-1	86.73	86.57	85.78	86.36	0.59	ppb
Sulfur	34-1	115082.33	114524.42	115227.52	114944.76	0.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.87	20.11	20.23	20.07	0.92	ppb
Thallium	205-1	19.81	19.75	19.86	19.80	0.28	ppb
Tin	118-1	53.93	53.93	53.74	53.87	0.21	ppb
Titanium	47-1	2035.73	2023.53	2028.99	2029.42	0.30	ppb
Uranium	238-1	54.21	53.81	54.19	54.07	0.41	ppb
Vanadium	51-2	19.42	19.44	19.78	19.54	1.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.39	30.79	30.15	30.11	2.33	ppb
Zirconium	90-1	52.94	52.35	52.91	52.73	0.63	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:40:22	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.18	53.95	53.22	53.45	0.81	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:43:53	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50410.40	50036.39	52327.41	50924.73	2.41	ppb
Antimony	121-1	477.04	519.32	500.68	499.01	4.25	ppb
Arsenic	75-2	500.82	498.01	513.45	504.10	1.63	ppb
Barium	135-1	2458.36	2642.34	2533.90	2544.86	3.63	ppb
Barium	137-1	2440.06	2630.90	2526.31	2532.42	3.77	ppb
Beryllium	9-1	482.90	523.36	502.59	502.95	4.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	472.18	524.80	502.01	499.66	5.28	ppb
Boron	11-1	484.55	528.81	509.07	507.48	4.37	ppb
Cadmium	111-1	479.23	515.08	492.70	495.67	3.65	ppb
Cadmium	106-1	489.54	531.00	507.43	509.33	4.08	ppb
Cadmium	108-1	478.72	527.52	502.61	502.95	4.85	ppb
Calcium	43-1	240904.54	263109.72	252571.01	252195.09	4.40	ppb
Calcium	44-1	241938.98	263893.20	252626.43	252819.54	4.34	ppb
Chromium	52-2	506.57	497.47	520.37	508.14	2.27	ppb
Cobalt	59-2	487.08	478.63	500.46	488.72	2.25	ppb
Copper	63-2	955.16	936.60	980.99	957.59	2.33	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124665.65	123159.55	128181.85	125335.68	2.06	ppb
Iron	57-2	124009.20	121315.51	127519.08	124281.26	2.50	ppb
Lead	206-1	492.12	533.47	517.18	514.26	4.05	ppb
Lead	207-1	491.25	536.46	516.47	514.73	4.40	ppb
Lead	208-1	492.33	536.77	517.86	515.65	4.32	ppb
Lithium	6-1						%
Magnesium	24-2	260041.05	257277.02	268057.17	261791.75	2.14	ppb
Manganese	55-2	986.89	978.36	1017.81	994.35	2.09	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:43:53	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2440.67	2636.57	2524.42	2533.89	3.88	ppb
Molybdenum	95-1	2421.15	2623.57	2510.30	2518.34	4.03	ppb
Molybdenum	96-1	2432.12	2628.38	2519.23	2526.57	3.89	ppb
Molybdenum	97-1	2447.29	2649.33	2534.68	2543.77	3.98	ppb
Molybdenum	98-1	2449.78	2664.83	2548.63	2554.41	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.90	479.65	498.40	488.98	1.92	ppb
Phosphorus	31-2	9883.32	9812.29	10251.26	9982.29	2.36	ppb
Potassium	39-2	126762.74	125722.04	131805.97	128096.92	2.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	459.46	540.76	454.72	484.98	9.97	ppb
Selenium	78-2	496.23	474.42	527.41	499.35	5.33	ppb
Selenium	82-1	474.90	510.51	490.04	491.82	3.63	ppb
Silicon	28-1	192.52	-727.32	-310.49	-281.76		ppb
Silver	109-1	477.00	512.17	490.26	493.15	3.60	ppb
Silver	107-1	475.67	513.80	494.14	494.54	3.86	ppb
Sodium	23-2	257481.68	255116.66	265252.44	259283.60	2.05	ppb
Strontium	86-1	505.46	550.96	523.24	526.55	4.36	ppb
Strontium	88-1	507.36	549.72	527.95	528.34	4.01	ppb
Sulfur	34-1	9405.95	12838.49	11051.05	11098.50	15.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.19	534.04	514.85	513.36	4.18	ppb
Thallium	205-1	490.92	534.99	516.35	514.08	4.30	ppb
Tin	118-1	487.28	524.46	507.40	506.38	3.68	ppb
Titanium	47-1	2426.45	2655.37	2531.44	2537.76	4.52	ppb
Uranium	238-1	504.20	555.07	531.66	530.31	4.80	ppb
Vanadium	51-2	504.11	494.76	516.16	505.01	2.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	945.42	924.34	962.20	943.99	2.01	ppb
Zirconium	90-1	486.07	531.48	507.73	508.43	4.47	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:43:53	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.11	531.78	511.70	511.19	4.08	ppb

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 12:47:25 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-18.81	-18.34	-18.03	-18.39		ppb
Antimony	121-1	1.72	1.51	1.46	1.56	9.09	ppb
Arsenic	75-2	0.18	0.09	0.14	0.14	30.31	ppb
Barium	135-1	0.05	0.05	0.00	0.04	84.86	ppb
Barium	137-1	0.00	0.08	-0.02	0.02	231.70	ppb
Beryllium	9-1	0.31	0.35	0.34	0.34	6.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.26	10.35	8.54	9.72	10.51	ppb
Boron	11-1	10.64	10.19	9.35	10.06	6.51	ppb
Cadmium	111-1	-0.03	-0.24	-0.09	-0.12		ppb
Cadmium	106-1	-0.60	-3.43	-1.27	-1.77		ppb
Cadmium	108-1	-0.04	-0.11	-0.04	-0.06		ppb
Calcium	43-1	-3.27	-0.01	-3.89	-2.39		ppb
Calcium	44-1	14.85	19.84	17.31	17.33	14.39	ppb
Chromium	52-2	0.00	0.03	-0.01	0.01	256.19	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	30.80	ppb
Copper	63-2	-0.01	0.07	0.00	0.02	235.52	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.30	7.43	6.94	7.22	3.51	ppb
Iron	57-2	6.51	10.40	6.76	7.89	27.58	ppb
Lead	206-1	0.20	0.12	0.19	0.17	24.56	ppb
Lead	207-1	0.19	0.15	0.14	0.16	14.77	ppb
Lead	208-1	0.20	0.15	0.17	0.17	13.66	ppb
Lithium	6-1						%
Magnesium	24-2	-9.94	-9.40	-11.34	-10.23		ppb
Manganese	55-2	-0.07	-0.03	0.00	-0.03		ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:47:25	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.73	0.69	0.73	5.25	ppb
Molybdenum	95-1	1.14	1.00	0.91	1.02	11.84	ppb
Molybdenum	96-1	0.82	0.89	0.80	0.83	5.65	ppb
Molybdenum	97-1	0.98	0.93	0.83	0.92	8.65	ppb
Molybdenum	98-1	1.02	0.90	0.89	0.94	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.01	0.00	-0.03		ppb
Phosphorus	31-2	-25.68	-3.60	3.80	-8.49		ppb
Potassium	39-2	94.67	88.59	90.39	91.22	3.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.29	-0.67	2.19	0.61	240.62	ppb
Selenium	82-1	-0.20	-0.01	0.03	-0.06		ppb
Silicon	28-1	272.64	-26.22	264.31	170.24	99.97	ppb
Silver	109-1	0.04	0.06	0.03	0.04	35.29	ppb
Silver	107-1	0.05	0.06	0.03	0.05	34.80	ppb
Sodium	23-2	91.50	92.49	91.15	91.72	0.76	ppb
Strontium	86-1	-0.04	-0.07	-0.04	-0.05		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	10.09	ppb
Sulfur	34-1	-1447.33	-779.97	-1176.68	-1134.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.14	0.13	0.14	6.39	ppb
Thallium	205-1	0.15	0.15	0.11	0.14	16.15	ppb
Tin	118-1	0.30	0.21	0.24	0.25	17.13	ppb
Titanium	47-1	0.27	0.02	0.17	0.15	81.47	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	35.53	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	1064.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.45	-0.71	-0.58	-0.58		ppb
Zirconium	90-1	0.11	0.09	0.08	0.09	21.02	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:47:25	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.11	0.12	0.11	10.64	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:50:56	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	1.69	4.15	2.06	94.15	ppb
Antimony	121-1	2.31	2.17	2.38	2.29	4.78	ppb
Arsenic	75-2	1.20	1.17	0.87	1.08	16.78	ppb
Barium	135-1	9.95	9.71	9.40	9.69	2.80	ppb
Barium	137-1	8.99	8.91	9.18	9.03	1.57	ppb
Beryllium	9-1	1.12	1.17	1.13	1.14	2.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.44	24.75	25.26	24.48	3.83	ppb
Boron	11-1	24.98	26.03	25.69	25.57	2.09	ppb
Cadmium	111-1	0.85	0.88	1.17	0.97	18.04	ppb
Cadmium	106-1	0.38	0.34	1.09	0.61	69.95	ppb
Cadmium	108-1	1.35	1.40	1.35	1.37	2.17	ppb
Calcium	43-1	444.04	441.62	477.75	454.47	4.44	ppb
Calcium	44-1	460.68	446.94	479.28	462.30	3.51	ppb
Chromium	52-2	1.93	1.91	2.01	1.95	2.81	ppb
Cobalt	59-2	1.01	0.96	1.04	1.00	3.76	ppb
Copper	63-2	1.88	1.91	2.11	1.97	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	55.81	55.05	56.64	55.83	1.42	ppb
Iron	57-2	55.40	64.47	54.31	58.06	9.61	ppb
Lead	206-1	1.07	1.12	1.09	1.09	2.13	ppb
Lead	207-1	1.01	1.01	1.07	1.03	3.26	ppb
Lead	208-1	1.04	1.04	1.08	1.05	2.04	ppb
Lithium	6-1						%
Magnesium	24-2	469.29	455.84	476.50	467.21	2.25	ppb
Manganese	55-2	1.06	0.88	0.95	0.96	9.08	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:50:56	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.57	5.02	4.93	4.84	4.91	ppb
Molybdenum	95-1	4.79	4.71	5.05	4.85	3.72	ppb
Molybdenum	96-1	4.71	4.87	5.03	4.87	3.29	ppb
Molybdenum	97-1	4.62	4.87	5.05	4.85	4.37	ppb
Molybdenum	98-1	4.74	4.77	4.73	4.75	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.17	0.99	1.02	13.16	ppb
Phosphorus	31-2	21.36	-26.70	-18.41	-7.92		ppb
Potassium	39-2	520.56	516.17	519.92	518.88	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.67	7.61	3.84	6.37	34.47	ppb
Selenium	78-2	8.26	8.50	2.83	6.53	49.05	ppb
Selenium	82-1	3.45	3.25	3.76	3.48	7.45	ppb
Silicon	28-1	203.08	447.33	233.46	294.62	45.18	ppb
Silver	109-1	1.02	1.13	1.05	1.07	5.11	ppb
Silver	107-1	0.94	1.05	1.07	1.02	6.80	ppb
Sodium	23-2	544.55	544.87	548.41	545.94	0.39	ppb
Strontium	86-1	0.91	0.96	0.83	0.90	7.40	ppb
Strontium	88-1	0.94	0.92	0.95	0.94	1.72	ppb
Sulfur	34-1	-963.65	-1505.53	-1072.31	-1180.50		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.98	1.02	0.99	1.87	ppb
Thallium	205-1	0.96	0.95	0.95	0.95	0.52	ppb
Tin	118-1	4.82	4.73	4.66	4.74	1.64	ppb
Titanium	47-1	4.14	4.69	4.62	4.48	6.61	ppb
Uranium	238-1	0.84	0.86	0.88	0.86	2.54	ppb
Vanadium	51-2	4.72	4.68	4.82	4.74	1.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.33	1.72	2.27	2.11	16.08	ppb
Zirconium	90-1	1.05	1.05	1.02	1.04	1.74	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:50:56	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.16	1.15	1.22	1.18	3.05	ppb

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : PB104658BL Instrumnet Name : P7
 Client Sample ID : PB104658BL Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 13:16:02 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-19.17	-19.16	-19.64	-19.32		ppb
Antimony	121-1	0.10	0.12	0.10	0.11	9.36	ppb
Arsenic	75-2	0.07	0.07	0.03	0.06	40.61	ppb
Barium	135-1	-0.02	0.03	0.05	0.02	191.19	ppb
Barium	137-1	-0.01	0.00	0.01	0.00		ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	28.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.19	1.23	0.84	1.09	19.77	ppb
Boron	11-1	1.22	1.03	1.15	1.14	8.57	ppb
Cadmium	111-1	-0.17	-0.14	-0.02	-0.11		ppb
Cadmium	106-1	-1.89	-1.72	-0.12	-1.24		ppb
Cadmium	108-1	0.23	-0.04	-0.04	0.05	306.90	ppb
Calcium	43-1	-1.16	-2.89	-5.39	-3.14		ppb
Calcium	44-1	-49.46	-34.08	-64.55	-49.36		ppb
Chromium	52-2	0.01	-0.01	0.01	0.00	654.19	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	589.24	ppb
Copper	63-2	-0.21	-0.21	-0.19	-0.20		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.03	2.52	1.97	2.17	14.03	ppb
Iron	57-2	1.97	0.68	0.94	1.20	57.26	ppb
Lead	206-1	0.02	0.01	0.02	0.01	53.81	ppb
Lead	207-1	-0.01	0.01	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00	32.89	ppb
Lithium	6-1						%
Magnesium	24-2	-8.26	-7.99	-7.74	-8.00		ppb
Manganese	55-2	-0.06	-0.04	-0.09	-0.06		ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BL	Instrumnet Name :	P7
Client Sample ID :	PB104658BL	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:16:02	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	0.08	0.03	133.34	ppb
Molybdenum	95-1	0.04	0.08	0.08	0.06	38.22	ppb
Molybdenum	96-1	0.09	0.01	0.02	0.04	123.28	ppb
Molybdenum	97-1	0.05	0.05	0.03	0.04	21.11	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	13.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.08	-0.05	0.00		ppb
Phosphorus	31-2	-6.74	0.88	17.78	3.98	315.62	ppb
Potassium	39-2	29.89	14.37	12.80	19.02	49.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.84	0.54	0.48	0.62	30.86	ppb
Selenium	82-1	-0.33	0.15	-0.87	-0.35		ppb
Silicon	28-1	812.20	490.36	1114.99	805.85	38.76	ppb
Silver	109-1	0.01	0.01	0.00	0.01	46.02	ppb
Silver	107-1	0.01	0.00	0.01	0.01	93.61	ppb
Sodium	23-2	29.91	31.76	27.64	29.77	6.92	ppb
Strontium	86-1	-0.05	0.00	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	123.01	ppb
Sulfur	34-1	-1672.13	-526.15	-2300.01	-1499.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	47.68	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	86.58	ppb
Tin	118-1	-0.04	-0.04	-0.07	-0.05		ppb
Titanium	47-1	-0.05	-0.08	0.01	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.46	-0.86	-0.83	-0.72		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	46.05	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BL	Instrumnet Name :	P7
Client Sample ID :	PB104658BL	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:16:02	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	-0.01	0.01	242.73	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BS	Instrumnet Name :	P7
Client Sample ID :	PB104658BS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:19:34	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9971.64	9807.47	9901.81	9893.64	0.83	ppb
Antimony	121-1	492.47	495.07	511.88	499.80	2.11	ppb
Arsenic	75-2	506.54	506.55	511.27	508.12	0.54	ppb
Barium	135-1	2475.49	2466.09	2538.92	2493.50	1.59	ppb
Barium	137-1	2466.61	2473.75	2545.97	2495.45	1.76	ppb
Beryllium	9-1	479.83	482.96	491.99	484.93	1.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	465.98	476.16	487.24	476.46	2.23	ppb
Boron	11-1	459.55	474.21	488.07	473.94	3.01	ppb
Cadmium	111-1	507.03	510.26	519.40	512.23	1.25	ppb
Cadmium	106-1	510.05	509.24	509.47	509.59	0.08	ppb
Cadmium	108-1	517.77	506.05	528.61	517.48	2.18	ppb
Calcium	43-1	46966.21	47233.87	48869.74	47689.94	2.16	ppb
Calcium	44-1	47372.51	47507.80	49161.15	48013.82	2.07	ppb
Chromium	52-2	502.88	496.08	499.76	499.57	0.68	ppb
Cobalt	59-2	503.45	494.94	499.72	499.37	0.86	ppb
Copper	63-2	1010.15	990.13	998.51	999.60	1.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26046.03	25624.71	25879.35	25850.03	0.82	ppb
Iron	57-2	25689.44	25224.64	25698.25	25537.44	1.06	ppb
Lead	206-1	480.26	481.88	499.81	487.32	2.23	ppb
Lead	207-1	480.13	486.09	498.80	488.34	1.95	ppb
Lead	208-1	481.82	486.62	499.59	489.34	1.88	ppb
Lithium	6-1						%
Magnesium	24-2	51618.85	50504.33	51359.82	51161.00	1.14	ppb
Manganese	55-2	996.96	980.89	999.83	992.56	1.03	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BS	Instrumnet Name :	P7
Client Sample ID :	PB104658BS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:19:34	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2405.33	2421.10	2489.07	2438.50	1.82	ppb
Molybdenum	95-1	2413.36	2418.02	2472.61	2434.66	1.35	ppb
Molybdenum	96-1	2413.28	2417.75	2463.85	2431.63	1.15	ppb
Molybdenum	97-1	2420.77	2414.57	2477.10	2437.48	1.41	ppb
Molybdenum	98-1	2434.02	2441.60	2496.21	2457.27	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.38	501.04	503.93	503.12	0.36	ppb
Phosphorus	31-2	9578.67	9841.36	10112.60	9844.21	2.71	ppb
Potassium	39-2	25259.05	24823.42	25100.61	25061.03	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	496.17	486.37	467.63	483.39	3.00	ppb
Selenium	78-2	503.59	514.61	509.21	509.13	1.08	ppb
Selenium	82-1	494.76	493.41	500.80	496.32	0.79	ppb
Silicon	28-1	482.57	471.01	72.74	342.11	68.21	ppb
Silver	109-1	508.99	510.45	524.31	514.58	1.64	ppb
Silver	107-1	508.51	511.56	524.97	515.01	1.70	ppb
Sodium	23-2	51206.52	50166.59	51173.93	50849.01	1.16	ppb
Strontium	86-1	485.25	492.43	501.34	493.00	1.64	ppb
Strontium	88-1	490.35	493.12	504.17	495.88	1.47	ppb
Sulfur	34-1	10002.57	9704.48	10634.57	10113.87	4.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	479.73	479.56	497.14	485.48	2.08	ppb
Thallium	205-1	479.00	480.10	498.01	485.70	2.20	ppb
Tin	118-1	496.52	500.85	514.10	503.82	1.82	ppb
Titanium	47-1	2413.00	2416.45	2513.87	2447.77	2.34	ppb
Uranium	238-1	474.30	474.58	495.34	481.41	2.51	ppb
Vanadium	51-2	502.77	490.98	500.05	497.93	1.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	997.39	981.83	1000.05	993.09	0.99	ppb
Zirconium	90-1	484.63	483.36	498.81	488.94	1.75	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BS	Instrumnet Name :	P7
Client Sample ID :	PB104658BS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:19:34	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.63	485.61	502.24	490.49	2.08	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01	Instrumnet Name :	P7
Client Sample ID :	S49-0442	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:23:37	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-13.43	-15.49	-15.67	-14.86		ppb
Antimony	121-1	5.24	4.34	3.63	4.40	18.31	ppb
Arsenic	75-2	7.42	7.57	6.90	7.30	4.76	ppb
Barium	135-1	220.73	214.42	211.52	215.55	2.19	ppb
Barium	137-1	216.15	214.42	211.32	213.96	1.14	ppb
Beryllium	9-1	0.15	0.22	0.19	0.18	19.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.02	20.92	19.52	20.16	3.50	ppb
Boron	11-1	22.57	20.50	19.33	20.80	7.90	ppb
Cadmium	111-1	0.40	-0.15	0.04	0.10	286.97	ppb
Cadmium	106-1	0.17	-5.48	-2.89	-2.73		ppb
Cadmium	108-1	0.26	0.11	0.26	0.21	40.95	ppb
Calcium	43-1	474931.84	474430.49	469634.08	472998.80	0.62	ppb
Calcium	44-1	471432.36	475282.45	468750.64	471821.82	0.70	ppb
Chromium	52-2	1.14	0.94	1.05	1.04	9.49	ppb
Cobalt	59-2	0.11	0.12	0.08	0.10	17.26	ppb
Copper	63-2	9.70	10.93	11.20	10.61	7.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1808.19	1825.81	1809.87	1814.62	0.54	ppb
Iron	57-2	2141.77	2169.41	2115.87	2142.35	1.25	ppb
Lead	206-1	0.47	0.48	0.42	0.46	7.09	ppb
Lead	207-1	0.45	0.39	0.42	0.42	7.21	ppb
Lead	208-1	0.49	0.46	0.42	0.46	7.70	ppb
Lithium	6-1						%
Magnesium	24-2	157829.07	157085.14	155673.19	156862.47	0.70	ppb
Manganese	55-2	1838.86	1843.43	1833.05	1838.45	0.28	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01	Instrumnet Name :	P7
Client Sample ID :	S49-0442	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:23:37	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.10	1.13	1.06	1.10	2.98	ppb
Molybdenum	95-1	1.14	1.14	1.10	1.12	2.18	ppb
Molybdenum	96-1	1.22	1.15	1.01	1.13	9.63	ppb
Molybdenum	97-1	1.67	1.36	1.92	1.65	16.88	ppb
Molybdenum	98-1	1.12	1.14	1.18	1.15	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.45	0.43	0.41	12.05	ppb
Phosphorus	31-2	30.34	33.98	14.94	26.42	38.27	ppb
Potassium	39-2	8744.83	8706.07	8473.17	8641.36	1.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.20	0.00	12.13	6.44	94.68	ppb
Selenium	78-2	1.01	1.03	1.03	1.02	1.36	ppb
Selenium	82-1	-4.27	-9.03	-8.93	-7.41		ppb
Silicon	28-1	-5969.50	-5584.29	-5316.40	-5623.40		ppb
Silver	109-1	1.04	0.86	0.76	0.89	15.93	ppb
Silver	107-1	1.06	0.91	0.78	0.92	15.43	ppb
Sodium	23-2	303040.38	302286.26	299470.73	301599.13	0.62	ppb
Strontium	86-1	2683.89	2702.04	2651.37	2679.10	0.96	ppb
Strontium	88-1	2690.93	2705.10	2677.40	2691.15	0.51	ppb
Sulfur	34-1	39730.70	39244.97	38752.06	39242.58	1.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.08	0.04	0.08	47.24	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	23.12	ppb
Tin	118-1	1.67	1.52	1.32	1.50	11.45	ppb
Titanium	47-1	1.54	1.39	1.85	1.59	14.69	ppb
Uranium	238-1	1.92	1.95	1.96	1.94	1.13	ppb
Vanadium	51-2	1.52	1.61	1.65	1.60	4.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.24	7.69	6.46	7.13	8.75	ppb
Zirconium	90-1	0.21	0.19	0.18	0.19	8.86	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01	Instrumnet Name :	P7
Client Sample ID :	S49-0442	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:23:37	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.25	0.27	0.26	4.20	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUP	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:27:11	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-12.82	-15.21	-16.07	-14.70		ppb
Antimony	121-1	1.29	1.26	1.37	1.31	4.63	ppb
Arsenic	75-2	7.40	6.74	8.21	7.45	9.87	ppb
Barium	135-1	213.55	213.11	211.27	212.64	0.57	ppb
Barium	137-1	209.26	211.48	210.76	210.50	0.54	ppb
Beryllium	9-1	0.09	0.14	0.11	0.11	20.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.56	14.58	13.85	14.00	3.76	ppb
Boron	11-1	14.99	14.54	14.63	14.72	1.62	ppb
Cadmium	111-1	-0.29	-0.12	-0.07	-0.16		ppb
Cadmium	106-1	-5.63	-5.10	-4.15	-4.96		ppb
Cadmium	108-1	0.21	0.14	0.38	0.25	51.02	ppb
Calcium	43-1	474558.74	480303.76	476854.78	477239.09	0.61	ppb
Calcium	44-1	472887.17	482614.42	479910.60	478470.73	1.05	ppb
Chromium	52-2	0.82	0.71	0.69	0.74	9.13	ppb
Cobalt	59-2	0.05	0.07	0.07	0.07	19.09	ppb
Copper	63-2	15.50	15.23	15.23	15.32	1.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1905.66	1864.88	1891.20	1887.25	1.10	ppb
Iron	57-2	2269.61	2191.03	2255.31	2238.65	1.87	ppb
Lead	206-1	0.50	0.53	0.53	0.52	3.96	ppb
Lead	207-1	0.46	0.45	0.45	0.45	1.17	ppb
Lead	208-1	0.48	0.50	0.50	0.49	3.02	ppb
Lithium	6-1						%
Magnesium	24-2	162707.36	159963.15	161600.94	161423.82	0.86	ppb
Manganese	55-2	1917.85	1877.45	1891.57	1895.62	1.08	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUP	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:27:11	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.53	0.37	0.50	0.47	18.89	ppb
Molybdenum	95-1	0.47	0.38	0.64	0.50	25.90	ppb
Molybdenum	96-1	0.40	0.54	0.52	0.49	15.87	ppb
Molybdenum	97-1	0.65	0.66	0.74	0.69	7.12	ppb
Molybdenum	98-1	0.61	0.45	0.47	0.51	17.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.48	0.51	0.45	16.47	ppb
Phosphorus	31-2	-2.37	-13.98	-1.88	-6.08		ppb
Potassium	39-2	8682.99	8517.87	8621.50	8607.45	0.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.36	16.08	10.77	10.74	49.88	ppb
Selenium	78-2	1.68	-0.10	-0.09	0.50	206.66	ppb
Selenium	82-1	-6.05	-4.22	-2.92	-4.40		ppb
Silicon	28-1	-4936.21	-5115.90	-5064.64	-5038.92		ppb
Silver	109-1	0.48	0.40	0.35	0.41	15.14	ppb
Silver	107-1	0.41	0.38	0.32	0.37	13.08	ppb
Sodium	23-2	311225.26	306158.64	308719.79	308701.23	0.82	ppb
Strontium	86-1	2684.16	2719.87	2700.67	2701.57	0.66	ppb
Strontium	88-1	2692.10	2756.13	2722.60	2723.61	1.18	ppb
Sulfur	34-1	38202.15	38976.43	38255.43	38478.00	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.00	0.01	80.32	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	98.57	ppb
Tin	118-1	0.99	1.14	1.11	1.08	7.23	ppb
Titanium	47-1	1.60	2.07	2.31	1.99	18.01	ppb
Uranium	238-1	2.04	2.06	2.13	2.08	2.17	ppb
Vanadium	51-2	1.80	1.91	1.81	1.84	3.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.22	5.62	6.50	6.45	12.36	ppb
Zirconium	90-1	0.14	0.12	0.12	0.13	8.03	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUP	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:27:11	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.16	0.17	0.14	30.94	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LX5	Instrumnet Name :	P7
Client Sample ID :	S49-0442L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-01 13:30:43	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-18.80	-18.60	-17.74	-18.38		ppb
Antimony	121-1	0.52	0.46	0.46	0.48	6.64	ppb
Arsenic	75-2	1.87	1.76	1.22	1.62	21.48	ppb
Barium	135-1	43.29	43.57	43.44	43.43	0.32	ppb
Barium	137-1	42.99	43.03	42.51	42.84	0.67	ppb
Beryllium	9-1	0.15	0.12	0.08	0.11	31.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.28	4.57	4.90	4.92	7.18	ppb
Boron	11-1	4.75	5.13	5.08	4.99	4.12	ppb
Cadmium	111-1	-0.14	-0.32	-0.19	-0.22		ppb
Cadmium	106-1	-2.38	-4.78	-4.08	-3.75		ppb
Cadmium	108-1	0.05	0.20	-0.03	0.08	156.68	ppb
Calcium	43-1	94468.64	94129.33	93936.18	94178.05	0.29	ppb
Calcium	44-1	95358.39	95832.30	95824.62	95671.77	0.28	ppb
Chromium	52-2	0.21	0.07	0.17	0.15	45.71	ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	80.12	ppb
Copper	63-2	3.59	3.36	3.71	3.55	4.95	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	387.21	386.39	384.94	386.18	0.30	ppb
Iron	57-2	460.68	441.78	443.82	448.76	2.31	ppb
Lead	206-1	0.07	0.04	0.04	0.05	37.62	ppb
Lead	207-1	0.04	0.03	0.02	0.03	36.03	ppb
Lead	208-1	0.04	0.04	0.03	0.04	25.18	ppb
Lithium	6-1						%
Magnesium	24-2	32425.45	32213.20	32562.83	32400.49	0.54	ppb
Manganese	55-2	387.37	381.43	388.27	385.69	0.96	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LX5	Instrumnet Name :	P7
Client Sample ID :	S49-0442L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-01 13:30:43	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.06	0.10	0.12	55.50	ppb
Molybdenum	95-1	0.15	0.18	0.12	0.15	19.91	ppb
Molybdenum	96-1	0.06	0.10	0.12	0.09	30.39	ppb
Molybdenum	97-1	0.18	0.15	0.09	0.14	31.31	ppb
Molybdenum	98-1	0.13	0.12	0.12	0.13	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.06	0.09	0.04	131.22	ppb
Phosphorus	31-2	-49.02	10.03	36.05	-0.98		ppb
Potassium	39-2	1778.63	1741.74	1757.06	1759.14	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.45	2.45	0.00	1.63	86.60	ppb
Selenium	78-2	0.64	-0.17	0.65	0.37	127.30	ppb
Selenium	82-1	-0.28	0.46	-1.02	-0.28		ppb
Silicon	28-1	273.72	260.02	250.52	261.42	4.46	ppb
Silver	109-1	0.16	0.17	0.19	0.17	6.61	ppb
Silver	107-1	0.18	0.17	0.13	0.16	19.00	ppb
Sodium	23-2	62357.98	62172.55	62579.63	62370.05	0.33	ppb
Strontium	86-1	541.39	540.88	541.01	541.09	0.05	ppb
Strontium	88-1	540.71	540.05	543.70	541.49	0.36	ppb
Sulfur	34-1	6985.18	7271.98	6812.75	7023.30	3.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	1878.98	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.11	0.08	0.07	0.09	22.48	ppb
Titanium	47-1	0.17	0.10	0.28	0.18	49.40	ppb
Uranium	238-1	0.43	0.40	0.41	0.41	3.80	ppb
Vanadium	51-2	0.74	0.77	0.68	0.73	6.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.24	1.18	1.34	1.25	6.47	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	34.53	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LX5	Instrumnet Name :	P7
Client Sample ID :	S49-0442L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-01 13:30:43	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.02	0.04	56.95	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MS	Instrumnet Name :	P7
Client Sample ID :	S49-0442MS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9838.77	9801.90	9581.76	9740.81	1.43	ppb
Antimony	121-1	491.27	493.58	492.36	492.41	0.23	ppb
Arsenic	75-2	523.63	542.91	537.48	534.67	1.86	ppb
Barium	135-1	2522.19	2527.81	2505.41	2518.47	0.46	ppb
Barium	137-1	2527.55	2537.10	2506.03	2523.56	0.63	ppb
Beryllium	9-1	387.06	384.02	382.61	384.56	0.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	365.76	373.01	376.65	371.81	1.49	ppb
Boron	11-1	380.37	382.93	389.20	384.17	1.18	ppb
Cadmium	111-1	476.49	480.55	473.80	476.95	0.71	ppb
Cadmium	106-1	454.10	469.46	463.88	462.48	1.68	ppb
Cadmium	108-1	462.06	461.72	460.24	461.34	0.21	ppb
Calcium	43-1	509984.29	516364.60	516522.55	514290.48	0.73	ppb
Calcium	44-1	514396.77	518959.39	519682.40	517679.52	0.55	ppb
Chromium	52-2	573.56	571.98	559.28	568.27	1.38	ppb
Cobalt	59-2	558.76	561.41	542.15	554.11	1.88	ppb
Copper	63-2	1064.43	1069.55	1027.89	1053.96	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28884.77	28935.51	27952.80	28591.02	1.94	ppb
Iron	57-2	28688.61	28956.90	28026.56	28557.36	1.68	ppb
Lead	206-1	526.36	532.44	530.42	529.74	0.58	ppb
Lead	207-1	523.17	530.40	530.58	528.05	0.80	ppb
Lead	208-1	524.95	531.96	532.05	529.66	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	217676.94	218020.39	211206.84	215634.72	1.78	ppb
Manganese	55-2	2899.99	2921.82	2822.79	2881.53	1.81	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MS	Instrumnet Name :	P7
Client Sample ID :	S49-0442MS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2521.63	2565.46	2556.62	2547.90	0.91	ppb
Molybdenum	95-1	2518.27	2534.31	2529.60	2527.40	0.33	ppb
Molybdenum	96-1	2526.65	2552.88	2557.67	2545.73	0.66	ppb
Molybdenum	97-1	2539.82	2569.75	2572.29	2560.62	0.71	ppb
Molybdenum	98-1	2507.80	2535.47	2532.00	2525.09	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.17	564.74	549.97	558.96	1.41	ppb
Phosphorus	31-2	25.64	-29.91	89.94	28.56	210.03	ppb
Potassium	39-2	33125.90	33130.63	32232.61	32829.71	1.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	470.92	548.06	481.28	500.08	8.37	ppb
Selenium	78-2	530.46	528.16	518.21	525.61	1.24	ppb
Selenium	82-1	517.88	512.18	524.19	518.09	1.16	ppb
Silicon	28-1	-5234.28	-5306.11	-5210.00	-5250.13		ppb
Silver	109-1	499.88	497.23	491.63	496.25	0.85	ppb
Silver	107-1	492.41	496.04	487.95	492.13	0.82	ppb
Sodium	23-2	368135.16	369216.59	358287.38	365213.05	1.65	ppb
Strontium	86-1	3162.04	3178.36	3187.85	3176.08	0.41	ppb
Strontium	88-1	3162.86	3223.17	3209.12	3198.38	0.99	ppb
Sulfur	34-1	37563.97	37606.76	37414.53	37528.42	0.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	539.06	545.83	548.37	544.42	0.88	ppb
Thallium	205-1	538.66	544.48	544.53	542.56	0.62	ppb
Tin	118-1	448.99	452.74	450.10	450.61	0.43	ppb
Titanium	47-1	2480.53	2528.58	2502.28	2503.80	0.96	ppb
Uranium	238-1	543.64	551.66	555.87	550.39	1.13	ppb
Vanadium	51-2	556.50	557.64	545.90	553.35	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	977.82	998.01	958.69	978.17	2.01	ppb
Zirconium	90-1	505.67	509.99	509.87	508.51	0.48	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MS	Instrumnet Name :	P7
Client Sample ID :	S49-0442MS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.55	516.24	511.99	512.26	0.75	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSD	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:37:48	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9733.29	9822.49	9731.28	9762.35	0.53	ppb
Antimony	121-1	502.60	492.35	487.33	494.09	1.57	ppb
Arsenic	75-2	526.10	529.49	532.46	529.35	0.60	ppb
Barium	135-1	2601.44	2517.45	2536.40	2551.76	1.73	ppb
Barium	137-1	2595.44	2532.26	2529.55	2552.42	1.46	ppb
Beryllium	9-1	407.41	398.89	401.78	402.69	1.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	400.99	404.59	404.54	403.37	0.51	ppb
Boron	11-1	413.42	411.22	421.23	415.29	1.27	ppb
Cadmium	111-1	483.24	471.23	469.19	474.55	1.60	ppb
Cadmium	106-1	463.74	464.71	453.09	460.51	1.40	ppb
Cadmium	108-1	474.41	456.14	465.52	465.36	1.96	ppb
Calcium	43-1	529129.31	513463.77	515402.61	519331.90	1.64	ppb
Calcium	44-1	531270.87	515753.74	519905.44	522310.02	1.54	ppb
Chromium	52-2	556.81	560.15	561.89	559.62	0.46	ppb
Cobalt	59-2	547.00	552.90	553.89	551.26	0.68	ppb
Copper	63-2	1049.54	1064.33	1063.08	1058.99	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28402.77	28736.00	28690.84	28609.87	0.63	ppb
Iron	57-2	28380.62	28567.71	28415.85	28454.73	0.35	ppb
Lead	206-1	545.99	538.13	541.47	541.86	0.73	ppb
Lead	207-1	544.53	535.74	540.49	540.25	0.81	ppb
Lead	208-1	547.16	536.92	539.91	541.33	0.97	ppb
Lithium	6-1						%
Magnesium	24-2	210830.14	214752.19	213994.19	213192.17	0.98	ppb
Manganese	55-2	2822.24	2852.37	2862.49	2845.70	0.74	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSD	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:37:48	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2625.39	2574.96	2559.44	2586.60	1.33	ppb
Molybdenum	95-1	2623.58	2552.79	2556.27	2577.55	1.55	ppb
Molybdenum	96-1	2625.22	2562.52	2581.24	2589.66	1.24	ppb
Molybdenum	97-1	2640.40	2590.18	2572.67	2601.08	1.35	ppb
Molybdenum	98-1	2616.55	2545.04	2559.12	2573.57	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.08	562.52	554.19	554.93	1.31	ppb
Phosphorus	31-2	43.02	13.72	44.83	33.86	51.58	ppb
Potassium	39-2	32456.86	32783.73	32864.05	32701.55	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	496.14	519.92	490.29	502.12	3.13	ppb
Selenium	78-2	514.91	524.08	533.00	523.99	1.73	ppb
Selenium	82-1	519.23	513.27	515.22	515.91	0.59	ppb
Silicon	28-1	-5594.60	-5002.50	-5093.12	-5230.08		ppb
Silver	109-1	501.53	485.06	491.92	492.84	1.68	ppb
Silver	107-1	499.38	487.96	487.49	491.61	1.37	ppb
Sodium	23-2	356223.76	360583.87	361365.13	359390.92	0.77	ppb
Strontium	86-1	3227.79	3146.49	3145.47	3173.25	1.49	ppb
Strontium	88-1	3248.37	3180.94	3191.28	3206.86	1.13	ppb
Sulfur	34-1	38595.97	36017.41	36456.63	37023.34	3.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	560.49	548.07	556.66	555.07	1.15	ppb
Thallium	205-1	558.64	548.67	554.05	553.79	0.90	ppb
Tin	118-1	459.81	449.37	453.73	454.31	1.15	ppb
Titanium	47-1	2624.32	2531.09	2540.58	2565.33	2.00	ppb
Uranium	238-1	568.86	560.86	565.77	565.16	0.71	ppb
Vanadium	51-2	548.91	550.85	550.26	550.01	0.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	965.93	983.90	978.54	976.12	0.95	ppb
Zirconium	90-1	519.86	506.36	507.91	511.38	1.44	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSD	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:37:48	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	524.29	511.09	510.51	515.30	1.51	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01A	Instrumnet Name :	P7
Client Sample ID :	S49-0442A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:41:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9711.62	9655.96	9695.60	9687.73	0.30	ppb
Antimony	121-1	489.78	492.38	488.06	490.08	0.44	ppb
Arsenic	75-2	535.13	524.85	529.08	529.69	0.98	ppb
Barium	135-1	2514.40	2514.20	2496.11	2508.24	0.42	ppb
Barium	137-1	2511.14	2508.62	2504.91	2508.22	0.12	ppb
Beryllium	9-1	412.19	412.10	414.60	412.96	0.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	398.00	406.63	417.07	407.23	2.35	ppb
Boron	11-1	416.27	428.31	428.70	424.43	1.66	ppb
Cadmium	111-1	468.69	470.60	469.61	469.63	0.20	ppb
Cadmium	106-1	460.45	449.87	450.96	453.76	1.28	ppb
Cadmium	108-1	471.51	454.37	452.42	459.43	2.29	ppb
Calcium	43-1	511551.87	515246.37	514633.80	513810.68	0.39	ppb
Calcium	44-1	514136.43	518153.85	519788.96	517359.74	0.56	ppb
Chromium	52-2	569.66	568.34	573.41	570.47	0.46	ppb
Cobalt	59-2	558.76	555.66	562.61	559.01	0.62	ppb
Copper	63-2	1069.70	1063.42	1074.84	1069.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28774.21	28789.78	29117.83	28893.94	0.67	ppb
Iron	57-2	28609.04	28216.23	28786.96	28537.41	1.02	ppb
Lead	206-1	542.55	541.60	542.10	542.08	0.09	ppb
Lead	207-1	538.31	540.29	540.78	539.79	0.24	ppb
Lead	208-1	540.24	541.77	541.00	541.00	0.14	ppb
Lithium	6-1						%
Magnesium	24-2	215204.79	214167.37	217397.39	215589.85	0.76	ppb
Manganese	55-2	2878.54	2872.66	2907.32	2886.17	0.64	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01A	Instrumnet Name :	P7
Client Sample ID :	S49-0442A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:41:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2539.50	2565.58	2550.50	2551.86	0.51	ppb
Molybdenum	95-1	2543.22	2558.55	2558.87	2553.55	0.35	ppb
Molybdenum	96-1	2563.76	2561.32	2569.79	2564.96	0.17	ppb
Molybdenum	97-1	2568.44	2581.28	2581.77	2577.16	0.29	ppb
Molybdenum	98-1	2539.18	2551.00	2559.71	2549.96	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.72	560.86	565.99	563.52	0.46	ppb
Phosphorus	31-2	-3.76	-4.25	21.42	4.47	328.28	ppb
Potassium	39-2	32838.96	32663.02	33203.64	32901.87	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	553.00	506.26	489.77	516.34	6.35	ppb
Selenium	78-2	559.08	516.12	500.57	525.26	5.77	ppb
Selenium	82-1	506.07	521.14	524.62	517.28	1.91	ppb
Silicon	28-1	-4943.21	-4921.82	-5001.82	-4955.62		ppb
Silver	109-1	487.21	488.36	488.56	488.04	0.15	ppb
Silver	107-1	488.24	484.91	485.10	486.09	0.38	ppb
Sodium	23-2	364489.70	361399.77	366282.24	364057.24	0.68	ppb
Strontium	86-1	3168.79	3166.46	3173.78	3169.68	0.12	ppb
Strontium	88-1	3194.03	3206.05	3212.18	3204.09	0.29	ppb
Sulfur	34-1	35450.89	35710.03	36127.90	35762.94	0.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	554.66	557.41	555.19	555.75	0.26	ppb
Thallium	205-1	554.13	555.15	555.63	554.97	0.14	ppb
Tin	118-1	446.21	450.72	446.47	447.80	0.56	ppb
Titanium	47-1	2499.72	2524.42	2527.00	2517.05	0.60	ppb
Uranium	238-1	563.16	568.31	566.59	566.02	0.46	ppb
Vanadium	51-2	553.93	550.47	558.64	554.34	0.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	987.16	986.10	999.52	990.93	0.75	ppb
Zirconium	90-1	508.63	509.18	507.45	508.42	0.17	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01A	Instrumnet Name :	P7
Client Sample ID :	S49-0442A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:41:20	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.73	515.15	514.91	514.93	0.04	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03	Instrumnet Name :	P7
Client Sample ID :	S49-0453	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:44:51	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	228.13	238.96	229.34	232.14	2.56	ppb
Antimony	121-1	1.39	1.41	1.30	1.37	4.51	ppb
Arsenic	75-2	3.88	3.04	2.76	3.23	18.19	ppb
Barium	135-1	89.76	91.65	90.52	90.64	1.05	ppb
Barium	137-1	90.89	88.87	92.35	90.70	1.93	ppb
Beryllium	9-1	0.62	0.58	0.55	0.58	5.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.10	27.98	27.41	28.16	3.05	ppb
Boron	11-1	31.36	29.03	30.66	30.35	3.94	ppb
Cadmium	111-1	14.12	14.53	14.24	14.29	1.47	ppb
Cadmium	106-1	4.06	1.45	3.17	2.89	45.91	ppb
Cadmium	108-1	12.01	12.50	14.24	12.91	9.06	ppb
Calcium	43-1	81900.80	80650.45	81232.19	81261.14	0.77	ppb
Calcium	44-1	82810.55	82579.43	83268.48	82886.16	0.42	ppb
Chromium	52-2	1.45	1.43	1.45	1.45	0.88	ppb
Cobalt	59-2	3.45	3.46	3.70	3.53	4.00	ppb
Copper	63-2	18.45	18.43	18.88	18.58	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2342.33	2344.44	2361.47	2349.42	0.45	ppb
Iron	57-2	2417.00	2464.91	2445.00	2442.30	0.99	ppb
Lead	206-1	0.76	0.76	0.72	0.75	3.02	ppb
Lead	207-1	0.68	0.73	0.69	0.70	3.44	ppb
Lead	208-1	0.75	0.73	0.70	0.73	2.94	ppb
Lithium	6-1						%
Magnesium	24-2	9213.30	9291.87	9453.40	9319.52	1.31	ppb
Manganese	55-2	1468.34	1480.35	1494.69	1481.13	0.89	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03	Instrumnet Name :	P7
Client Sample ID :	S49-0453	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:44:51	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.54	1.64	1.39	1.53	8.29	ppb
Molybdenum	95-1	1.20	1.22	1.22	1.21	1.10	ppb
Molybdenum	96-1	1.30	1.50	1.48	1.43	7.61	ppb
Molybdenum	97-1	1.54	1.39	2.42	1.79	31.05	ppb
Molybdenum	98-1	1.53	1.48	1.36	1.46	5.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.96	11.17	12.29	11.47	6.22	ppb
Phosphorus	31-2	43.86	63.87	40.39	49.37	25.67	ppb
Potassium	39-2	14436.97	14642.30	14777.72	14619.00	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.00	6.10	15.11	8.07	77.96	ppb
Selenium	78-2	3.50	0.53	1.02	1.69	94.41	ppb
Selenium	82-1	-36.93	-39.08	-50.07	-42.03		ppb
Silicon	28-1	-1555.85	-1358.82	-1577.07	-1497.25		ppb
Silver	109-1	0.27	0.26	0.20	0.24	16.27	ppb
Silver	107-1	0.31	0.30	0.22	0.28	17.98	ppb
Sodium	23-2	1326228.82	1323510.77	1346619.62	1332119.74	0.95	ppb
Strontium	86-1	392.83	393.54	389.92	392.10	0.49	ppb
Strontium	88-1	395.73	397.09	395.71	396.18	0.20	ppb
Sulfur	34-1	77027.41	76008.44	76132.04	76389.30	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.30	0.27	0.28	0.28	5.62	ppb
Thallium	205-1	0.27	0.24	0.25	0.25	7.16	ppb
Tin	118-1	2.21	1.89	1.95	2.02	8.40	ppb
Titanium	47-1	18.20	17.72	17.78	17.90	1.46	ppb
Uranium	238-1	1.60	1.66	1.67	1.64	2.25	ppb
Vanadium	51-2	2.31	2.31	2.30	2.31	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	53.11	50.94	53.61	52.55	2.70	ppb
Zirconium	90-1	0.36	0.31	0.32	0.33	7.51	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03	Instrumnet Name :	P7
Client Sample ID :	S49-0453	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:44:51	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.37	0.44	0.38	16.96	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:48:24	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49122.80	49893.17	49351.95	49455.97	0.80	ppb
Antimony	121-1	439.64	447.77	434.11	440.51	1.56	ppb
Arsenic	75-2	489.37	495.47	482.45	489.10	1.33	ppb
Barium	135-1	2352.65	2371.14	2299.35	2341.05	1.59	ppb
Barium	137-1	2361.20	2377.91	2306.66	2348.59	1.59	ppb
Beryllium	9-1	487.29	487.70	480.81	485.27	0.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	470.23	492.99	481.55	481.59	2.36	ppb
Boron	11-1	483.02	492.55	488.53	488.03	0.98	ppb
Cadmium	111-1	454.96	458.34	446.12	453.14	1.39	ppb
Cadmium	106-1	446.63	445.71	439.99	444.11	0.81	ppb
Cadmium	108-1	448.21	455.35	441.25	448.27	1.57	ppb
Calcium	43-1	236175.83	238260.12	232261.31	235565.75	1.29	ppb
Calcium	44-1	237828.20	241418.33	235623.25	238289.93	1.23	ppb
Chromium	52-2	509.46	516.04	512.68	512.72	0.64	ppb
Cobalt	59-2	500.04	507.21	503.03	503.42	0.71	ppb
Copper	63-2	986.82	1003.23	990.91	993.65	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126853.22	129246.79	127700.84	127933.62	0.95	ppb
Iron	57-2	124383.25	126236.20	124825.65	125148.37	0.77	ppb
Lead	206-1	507.88	509.54	494.33	503.91	1.66	ppb
Lead	207-1	507.28	508.60	492.63	502.84	1.76	ppb
Lead	208-1	508.95	509.77	493.63	504.12	1.80	ppb
Lithium	6-1						%
Magnesium	24-2	251920.30	256899.71	253611.17	254143.73	1.00	ppb
Manganese	55-2	984.19	1001.71	991.14	992.35	0.89	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:48:24	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2492.14	2514.28	2435.17	2480.53	1.65	ppb
Molybdenum	95-1	2495.12	2506.46	2430.19	2477.25	1.66	ppb
Molybdenum	96-1	2509.24	2518.94	2437.32	2488.50	1.79	ppb
Molybdenum	97-1	2501.91	2519.11	2447.37	2489.46	1.50	ppb
Molybdenum	98-1	2479.77	2498.63	2431.80	2470.07	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.12	505.27	499.80	502.06	0.57	ppb
Phosphorus	31-2	9638.31	9435.03	10281.62	9784.99	4.52	ppb
Potassium	39-2	122957.99	125291.98	124189.52	124146.49	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	380.31	484.99	441.59	435.63	12.07	ppb
Selenium	78-2	463.66	519.66	493.73	492.35	5.69	ppb
Selenium	82-1	475.04	485.06	472.46	477.52	1.39	ppb
Silicon	28-1	941.47	729.62	900.38	857.16	13.11	ppb
Silver	109-1	450.03	454.31	442.59	448.97	1.32	ppb
Silver	107-1	450.01	457.01	443.52	450.18	1.50	ppb
Sodium	23-2	253063.22	257392.00	253989.81	254815.01	0.89	ppb
Strontium	86-1	507.46	509.72	500.00	505.73	1.01	ppb
Strontium	88-1	511.18	517.20	503.96	510.78	1.30	ppb
Sulfur	34-1	9557.77	10138.34	9217.96	9638.02	4.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.82	506.08	489.21	499.03	1.76	ppb
Thallium	205-1	502.83	504.39	488.55	498.59	1.75	ppb
Tin	118-1	467.67	471.65	456.59	465.30	1.68	ppb
Titanium	47-1	2467.34	2495.62	2426.06	2463.01	1.42	ppb
Uranium	238-1	531.93	536.53	516.10	528.18	2.03	ppb
Vanadium	51-2	506.01	516.61	508.02	510.21	1.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	964.31	988.19	981.59	978.03	1.26	ppb
Zirconium	90-1	497.53	496.12	483.28	492.31	1.60	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:48:24	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.93	500.97	490.06	497.32	1.26	ppb

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 13:51:56 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-19.88	-19.10	-18.86	-19.28		ppb
Antimony	121-1	1.62	1.42	1.29	1.44	11.72	ppb
Arsenic	75-2	0.19	0.12	0.14	0.15	24.89	ppb
Barium	135-1	0.04	0.01	0.04	0.03	67.15	ppb
Barium	137-1	0.01	0.02	0.04	0.02	61.19	ppb
Beryllium	9-1	0.52	0.66	0.51	0.56	14.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.36	11.61	9.77	11.92	19.36	ppb
Boron	11-1	12.34	11.60	11.12	11.69	5.25	ppb
Cadmium	111-1	-0.14	-0.36	-0.39	-0.30		ppb
Cadmium	106-1	-2.41	-4.86	-5.18	-4.15		ppb
Cadmium	108-1	-0.03	-0.11	-0.11	-0.08		ppb
Calcium	43-1	5.37	2.88	-0.07	2.73	99.99	ppb
Calcium	44-1	-18.02	-26.59	-30.13	-24.91		ppb
Chromium	52-2	0.04	0.03	0.01	0.03	53.67	ppb
Cobalt	59-2	0.00	0.01	0.03	0.01	103.45	ppb
Copper	63-2	1.28	1.17	1.25	1.23	4.42	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.01	3.99	4.20	4.07	2.81	ppb
Iron	57-2	2.99	3.22	-0.03	2.06	88.00	ppb
Lead	206-1	0.21	0.18	0.19	0.19	7.06	ppb
Lead	207-1	0.19	0.17	0.22	0.19	11.31	ppb
Lead	208-1	0.19	0.18	0.20	0.19	3.49	ppb
Lithium	6-1						%
Magnesium	24-2	-10.52	-11.05	-10.74	-10.77		ppb
Manganese	55-2	0.15	0.14	0.11	0.13	17.07	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:51:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.70	0.61	0.70	11.25	ppb
Molybdenum	95-1	1.14	0.82	0.85	0.93	18.72	ppb
Molybdenum	96-1	0.96	0.89	0.89	0.92	4.45	ppb
Molybdenum	97-1	0.98	1.03	0.84	0.95	10.21	ppb
Molybdenum	98-1	0.96	0.85	0.89	0.90	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.09	0.05	0.01	1207.28	ppb
Phosphorus	31-2	4.77	-10.05	-12.01	-5.76		ppb
Potassium	39-2	14.62	5.64	20.73	13.66	55.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.31	2.31	0.00	1.54	86.60	ppb
Selenium	78-2	-0.22	0.94	1.35	0.69	118.23	ppb
Selenium	82-1	-0.77	0.17	-0.40	-0.33		ppb
Silicon	28-1	901.43	805.07	943.44	883.31	8.03	ppb
Silver	109-1	0.15	0.10	0.11	0.12	22.04	ppb
Silver	107-1	0.15	0.12	0.11	0.13	17.02	ppb
Sodium	23-2	170.56	157.29	167.87	165.24	4.25	ppb
Strontium	86-1	0.05	0.02	0.05	0.04	41.09	ppb
Strontium	88-1	0.03	0.05	0.05	0.04	16.39	ppb
Sulfur	34-1	-1896.84	-1700.60	-1906.26	-1834.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.18	0.17	0.20	20.80	ppb
Thallium	205-1	0.23	0.19	0.14	0.19	24.05	ppb
Tin	118-1	0.46	0.31	0.30	0.36	25.28	ppb
Titanium	47-1	0.24	0.03	0.01	0.09	135.87	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	10.70	ppb
Vanadium	51-2	0.05	0.09	0.04	0.06	39.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	-0.37	-0.01	-0.12		ppb
Zirconium	90-1	0.14	0.14	0.12	0.13	9.87	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:51:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.12	0.14	0.15	22.70	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04	Instrumnet Name :	P7
Client Sample ID :	S49-0454	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:55:27	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.89	40.48	48.79	41.72	15.67	ppb
Antimony	121-1	3.74	2.72	2.63	3.03	20.22	ppb
Arsenic	75-2	1.43	1.21	1.98	1.54	26.01	ppb
Barium	135-1	184.93	185.99	182.36	184.43	1.01	ppb
Barium	137-1	185.03	185.53	181.69	184.08	1.13	ppb
Beryllium	9-1	0.40	0.35	0.40	0.38	6.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.03	26.96	26.49	26.16	3.85	ppb
Boron	11-1	25.90	25.89	26.48	26.09	1.29	ppb
Cadmium	111-1	0.19	0.12	0.16	0.16	22.94	ppb
Cadmium	106-1	-5.35	-6.25	-4.66	-5.42		ppb
Cadmium	108-1	0.51	0.35	0.35	0.40	23.71	ppb
Calcium	43-1	213704.50	215974.44	212421.71	214033.55	0.84	ppb
Calcium	44-1	217259.65	220681.64	216822.34	218254.54	0.97	ppb
Chromium	52-2	0.94	0.94	0.90	0.93	2.52	ppb
Cobalt	59-2	0.96	0.97	0.99	0.97	1.69	ppb
Copper	63-2	12.28	11.88	12.12	12.09	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	303.55	305.50	307.06	305.37	0.58	ppb
Iron	57-2	450.81	457.62	480.28	462.90	3.33	ppb
Lead	206-1	0.46	0.46	0.41	0.44	5.82	ppb
Lead	207-1	0.42	0.45	0.40	0.42	5.48	ppb
Lead	208-1	0.43	0.42	0.41	0.42	1.66	ppb
Lithium	6-1						%
Magnesium	24-2	46513.64	46653.52	47230.08	46799.08	0.81	ppb
Manganese	55-2	593.03	596.43	599.64	596.36	0.55	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04	Instrumnet Name :	P7
Client Sample ID :	S49-0454	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:55:27	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.22	0.96	1.21	1.13	13.19	ppb
Molybdenum	95-1	0.73	0.75	0.75	0.74	1.39	ppb
Molybdenum	96-1	0.90	0.73	0.73	0.79	12.30	ppb
Molybdenum	97-1	1.00	0.64	1.00	0.88	23.66	ppb
Molybdenum	98-1	0.83	0.71	0.72	0.76	9.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	5.62	5.34	5.15	11.56	ppb
Phosphorus	31-2	3.17	43.20	38.06	28.14	77.39	ppb
Potassium	39-2	14547.48	14625.12	14753.55	14642.05	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.29	9.51	19.05	11.62	57.12	ppb
Selenium	78-2	-0.47	0.06	1.65	0.42	264.60	ppb
Selenium	82-1	-19.34	-16.31	-18.78	-18.15		ppb
Silicon	28-1	-5487.21	-5653.75	-5347.48	-5496.15		ppb
Silver	109-1	0.59	0.49	0.36	0.48	23.69	ppb
Silver	107-1	0.58	0.53	0.43	0.51	14.86	ppb
Sodium	23-2	915719.15	914911.11	927372.82	919334.36	0.76	ppb
Strontium	86-1	1487.91	1517.66	1496.66	1500.75	1.02	ppb
Strontium	88-1	1509.08	1537.80	1527.93	1524.94	0.96	ppb
Sulfur	34-1	34933.03	35883.84	34429.75	35082.21	2.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.09	0.09	12.50	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	6.73	ppb
Tin	118-1	1.49	1.47	1.35	1.44	5.15	ppb
Titanium	47-1	5.54	5.87	5.71	5.71	2.94	ppb
Uranium	238-1	2.50	2.58	2.54	2.54	1.59	ppb
Vanadium	51-2	1.37	1.35	1.48	1.40	5.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	55.57	52.51	54.89	54.33	2.96	ppb
Zirconium	90-1	0.35	0.42	0.38	0.38	8.82	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04	Instrumnet Name :	P7
Client Sample ID :	S49-0454	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:55:27	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.45	0.33	0.40	14.78	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 13:59:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-19.00	-18.76	-19.41	-19.06		ppb
Antimony	121-1	0.28	0.31	0.31	0.30	4.59	ppb
Arsenic	75-2	0.58	0.48	0.26	0.44	37.21	ppb
Barium	135-1	10.57	10.12	9.85	10.18	3.58	ppb
Barium	137-1	10.04	10.55	10.37	10.32	2.53	ppb
Beryllium	9-1	0.36	0.28	0.22	0.29	24.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.14	5.26	4.75	5.05	5.29	ppb
Boron	11-1	4.80	4.83	5.29	4.97	5.53	ppb
Cadmium	111-1	-0.52	-0.41	-0.40	-0.44		ppb
Cadmium	106-1	-6.85	-5.43	-5.61	-5.97		ppb
Cadmium	108-1	0.05	0.06	-0.11	0.00	10642.72	ppb
Calcium	43-1	22658.09	23440.80	22607.37	22902.09	2.04	ppb
Calcium	44-1	23380.06	23887.82	23441.93	23569.94	1.18	ppb
Chromium	52-2	0.04	0.03	0.10	0.06	72.80	ppb
Cobalt	59-2	0.03	0.01	0.03	0.02	47.68	ppb
Copper	63-2	1.79	1.91	1.86	1.85	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	93.27	96.95	97.73	95.98	2.48	ppb
Iron	57-2	117.76	108.15	109.18	111.70	4.73	ppb
Lead	206-1	0.08	0.09	0.07	0.08	9.20	ppb
Lead	207-1	0.06	0.06	0.05	0.06	12.08	ppb
Lead	208-1	0.07	0.08	0.07	0.08	6.34	ppb
Lithium	6-1						%
Magnesium	24-2	7856.45	7979.25	8080.40	7972.03	1.41	ppb
Manganese	55-2	94.17	96.72	96.29	95.73	1.43	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 13:59:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.10	0.25	0.16	49.87	ppb
Molybdenum	95-1	0.18	0.16	0.14	0.16	12.60	ppb
Molybdenum	96-1	0.16	0.16	0.19	0.17	9.91	ppb
Molybdenum	97-1	0.17	0.15	0.23	0.19	22.00	ppb
Molybdenum	98-1	0.15	0.12	0.16	0.14	16.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.04	0.02	-0.04		ppb
Phosphorus	31-2	2.04	-27.58	-42.85	-22.80		ppb
Potassium	39-2	413.29	458.05	449.58	440.31	5.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.04	0.00	1.68	173.21	ppb
Selenium	78-2	1.53	1.53	-0.15	0.97	99.84	ppb
Selenium	82-1	-0.41	-0.38	0.59	-0.07		ppb
Silicon	28-1	839.01	525.19	630.93	665.05	24.01	ppb
Silver	109-1	0.07	0.08	0.09	0.08	12.59	ppb
Silver	107-1	0.08	0.06	0.07	0.07	10.31	ppb
Sodium	23-2	15133.43	15431.96	15746.20	15437.20	1.98	ppb
Strontium	86-1	130.38	130.88	129.80	130.35	0.41	ppb
Strontium	88-1	130.14	131.28	130.78	130.73	0.44	ppb
Sulfur	34-1	841.33	1504.94	1057.69	1134.65	29.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.02	0.00	1557.55	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.03	0.02	0.09	0.05	85.17	ppb
Titanium	47-1	-0.11	0.24	0.00	0.05	400.42	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	4.00	ppb
Vanadium	51-2	0.19	0.16	0.18	0.18	6.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	-0.44	-0.16	-0.10		ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	71.34	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 13:59:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.08	0.09	0.06	54.03	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:02:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-19.65	-19.22	-18.79	-19.22		ppb
Antimony	121-1	0.18	0.20	0.23	0.20	11.71	ppb
Arsenic	75-2	0.40	0.53	0.39	0.44	17.63	ppb
Barium	135-1	11.47	11.24	10.44	11.05	4.89	ppb
Barium	137-1	10.90	10.44	10.80	10.71	2.24	ppb
Beryllium	9-1	0.29	0.25	0.26	0.27	7.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.05	4.31	3.71	4.36	15.44	ppb
Boron	11-1	4.30	4.09	3.95	4.11	4.23	ppb
Cadmium	111-1	-0.34	-0.23	-0.10	-0.22		ppb
Cadmium	106-1	-4.75	-3.05	-1.14	-2.98		ppb
Cadmium	108-1	-0.11	0.06	0.06	0.00	2959.06	ppb
Calcium	43-1	24069.16	23658.94	24059.30	23929.13	0.98	ppb
Calcium	44-1	24580.38	24437.80	24818.63	24612.27	0.78	ppb
Chromium	52-2	0.08	0.03	0.06	0.06	41.36	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	19.26	ppb
Copper	63-2	1.49	1.50	1.44	1.48	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95.07	98.27	98.95	97.43	2.13	ppb
Iron	57-2	113.58	111.84	114.40	113.27	1.15	ppb
Lead	206-1	0.09	0.07	0.06	0.07	20.06	ppb
Lead	207-1	0.09	0.04	0.06	0.06	35.46	ppb
Lead	208-1	0.07	0.05	0.05	0.06	20.91	ppb
Lithium	6-1						%
Magnesium	24-2	8062.12	8208.92	8216.48	8162.51	1.07	ppb
Manganese	55-2	96.73	98.50	96.76	97.33	1.04	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:02:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.05	0.09	0.07	27.45	ppb
Molybdenum	95-1	0.15	0.12	0.13	0.13	13.56	ppb
Molybdenum	96-1	0.10	0.11	0.06	0.09	32.59	ppb
Molybdenum	97-1	0.07	0.09	0.08	0.08	13.17	ppb
Molybdenum	98-1	0.11	0.12	0.06	0.10	31.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.07	-0.09	0.01	1378.18	ppb
Phosphorus	31-2	-4.37	1.67	11.67	2.99	270.76	ppb
Potassium	39-2	437.99	441.11	428.73	435.94	1.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.03	2.49	2.51	100.29	ppb
Selenium	78-2	0.69	0.27	0.26	0.41	61.56	ppb
Selenium	82-1	-0.61	0.08	-1.19	-0.57		ppb
Silicon	28-1	437.35	460.54	264.81	387.57	27.59	ppb
Silver	109-1	0.09	0.13	0.10	0.11	17.85	ppb
Silver	107-1	0.13	0.13	0.11	0.12	11.16	ppb
Sodium	23-2	15456.24	15833.98	15850.21	15713.48	1.42	ppb
Strontium	86-1	138.06	132.79	135.21	135.35	1.95	ppb
Strontium	88-1	136.05	135.43	135.13	135.53	0.34	ppb
Sulfur	34-1	2085.40	2109.49	2456.98	2217.29	9.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	151.12	ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.01	0.03	0.02	0.02	34.62	ppb
Titanium	47-1	0.14	0.11	-0.04	0.07	138.37	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	1.92	ppb
Vanadium	51-2	0.13	0.15	0.16	0.15	9.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	0.10	-0.05	0.03	237.32	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	10.92	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:02:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.08	0.06	0.05	76.09	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0442LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-12-01 14:06:05	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-19.06	-19.06	-18.64	-18.92		ppb
Antimony	121-1	0.07	0.04	0.08	0.06	26.63	ppb
Arsenic	75-2	0.15	0.17	0.22	0.18	21.01	ppb
Barium	135-1	1.77	2.27	2.18	2.07	12.87	ppb
Barium	137-1	1.92	2.06	2.06	2.01	4.07	ppb
Beryllium	9-1	0.22	0.23	0.24	0.23	3.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.04	2.64	3.63	2.77	28.98	ppb
Boron	11-1	2.58	2.90	3.13	2.87	9.63	ppb
Cadmium	111-1	-0.15	-0.36	-0.09	-0.20		ppb
Cadmium	106-1	-1.65	-4.61	-1.10	-2.45		ppb
Cadmium	108-1	0.30	-0.11	0.06	0.08	244.77	ppb
Calcium	43-1	4399.90	4465.75	4534.50	4466.72	1.51	ppb
Calcium	44-1	4504.27	4662.70	4592.45	4586.47	1.73	ppb
Chromium	52-2	0.09	0.07	0.05	0.07	25.36	ppb
Cobalt	59-2	0.02	0.00	0.03	0.02	94.38	ppb
Copper	63-2	0.99	0.99	0.95	0.97	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.81	20.14	20.71	20.55	1.74	ppb
Iron	57-2	19.44	23.00	20.82	21.09	8.51	ppb
Lead	206-1	0.09	0.09	0.08	0.09	8.45	ppb
Lead	207-1	0.09	0.11	0.11	0.10	9.51	ppb
Lead	208-1	0.10	0.10	0.09	0.10	3.60	ppb
Lithium	6-1						%
Magnesium	24-2	1547.47	1536.52	1572.78	1552.26	1.20	ppb
Manganese	55-2	17.93	18.20	18.77	18.30	2.35	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0442LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-12-01 14:06:05	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.07	0.07	2.26	ppb
Molybdenum	95-1	0.11	0.07	0.12	0.10	24.89	ppb
Molybdenum	96-1	0.04	0.06	0.08	0.06	30.82	ppb
Molybdenum	97-1	0.05	0.09	0.04	0.06	51.07	ppb
Molybdenum	98-1	0.06	0.07	0.13	0.09	39.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	0.05	-0.01		ppb
Phosphorus	31-2	-21.46	-12.02	-30.49	-21.32		ppb
Potassium	39-2	96.69	84.25	87.52	89.49	7.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.44	2.41	2.40	2.42	0.74	ppb
Selenium	78-2	-0.18	0.22	1.01	0.35	173.04	ppb
Selenium	82-1	0.04	-1.04	-0.38	-0.46		ppb
Silicon	28-1	881.72	549.12	590.67	673.84	26.89	ppb
Silver	109-1	0.09	0.06	0.09	0.08	23.67	ppb
Silver	107-1	0.07	0.06	0.08	0.07	13.42	ppb
Sodium	23-2	3037.11	3029.17	3110.79	3059.02	1.47	ppb
Strontium	86-1	25.97	25.77	25.19	25.64	1.58	ppb
Strontium	88-1	25.57	25.91	25.79	25.76	0.66	ppb
Sulfur	34-1	-66.16	1241.02	1130.34	768.40	94.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	-0.03	0.00	-0.01		ppb
Titanium	47-1	0.07	0.06	0.10	0.08	25.98	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.95	ppb
Vanadium	51-2	0.03	0.05	0.06	0.05	40.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.02	-0.48	-0.48	-0.31		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.48	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0442LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-12-01 14:06:05	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.04	0.03	45.18	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:09:37	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.31	500.61	501.14	504.35	1.20	ppb
Antimony	121-1	26.99	27.29	26.67	26.98	1.15	ppb
Arsenic	75-2	27.24	28.96	29.07	28.42	3.60	ppb
Barium	135-1	134.33	136.58	133.91	134.94	1.06	ppb
Barium	137-1	133.39	135.91	133.50	134.27	1.06	ppb
Beryllium	9-1	27.58	27.64	27.97	27.73	0.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.32	26.06	29.09	28.15	6.47	ppb
Boron	11-1	26.59	26.48	26.94	26.67	0.90	ppb
Cadmium	111-1	27.24	27.90	27.69	27.61	1.22	ppb
Cadmium	106-1	22.94	24.74	29.96	25.88	14.08	ppb
Cadmium	108-1	28.79	25.92	26.87	27.20	5.36	ppb
Calcium	43-1	26123.10	26789.56	26637.64	26516.77	1.32	ppb
Calcium	44-1	26912.99	27179.44	27413.06	27168.50	0.92	ppb
Chromium	52-2	28.94	29.47	28.69	29.03	1.36	ppb
Cobalt	59-2	28.86	29.43	29.39	29.23	1.08	ppb
Copper	63-2	55.77	57.29	57.00	56.69	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1454.98	1471.76	1460.19	1462.31	0.59	ppb
Iron	57-2	1479.71	1506.78	1446.55	1477.68	2.04	ppb
Lead	206-1	27.33	27.72	27.33	27.46	0.83	ppb
Lead	207-1	27.92	27.62	27.27	27.61	1.18	ppb
Lead	208-1	27.51	27.43	27.67	27.54	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	10960.39	11130.86	11077.18	11056.14	0.79	ppb
Manganese	55-2	149.23	150.80	151.65	150.56	0.81	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:09:37	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	127.00	128.31	129.15	128.15	0.85	ppb
Molybdenum	95-1	127.13	128.44	129.08	128.22	0.78	ppb
Molybdenum	96-1	128.26	128.04	128.45	128.25	0.16	ppb
Molybdenum	97-1	128.93	127.75	130.04	128.91	0.89	ppb
Molybdenum	98-1	125.40	125.87	125.02	125.43	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.14	29.96	30.43	29.84	2.19	ppb
Phosphorus	31-2	28.07	-0.21	-25.01	0.95	2794.57	ppb
Potassium	39-2	1712.22	1720.68	1727.98	1720.29	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.81	27.25	34.40	25.49	38.88	ppb
Selenium	78-2	30.20	26.18	32.90	29.76	11.37	ppb
Selenium	82-1	26.02	28.36	28.45	27.61	4.99	ppb
Silicon	28-1	498.26	456.25	439.52	464.68	6.51	ppb
Silver	109-1	29.25	28.86	28.54	28.89	1.22	ppb
Silver	107-1	28.84	28.80	28.48	28.71	0.68	ppb
Sodium	23-2	18684.97	18997.70	18872.92	18851.86	0.84	ppb
Strontium	86-1	163.43	161.30	162.35	162.36	0.65	ppb
Strontium	88-1	162.13	161.79	162.63	162.18	0.26	ppb
Sulfur	34-1	1963.77	2272.71	2286.64	2174.37	8.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	27.50	27.78	28.20	27.83	1.26	ppb
Thallium	205-1	27.20	27.27	27.61	27.36	0.79	ppb
Tin	118-1	24.98	25.05	25.17	25.07	0.39	ppb
Titanium	47-1	124.81	129.98	129.07	127.95	2.16	ppb
Uranium	238-1	26.26	25.93	26.55	26.25	1.18	ppb
Vanadium	51-2	28.43	28.77	28.21	28.47	1.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	52.61	54.27	53.98	53.62	1.64	ppb
Zirconium	90-1	25.55	25.74	25.26	25.51	0.95	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:09:37	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.81	25.86	25.39	25.69	1.00	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:13:09	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	481.18	498.12	486.27	488.52	1.78	ppb
Antimony	121-1	27.32	26.66	27.13	27.04	1.25	ppb
Arsenic	75-2	27.89	29.93	28.41	28.74	3.69	ppb
Barium	135-1	135.02	135.21	135.12	135.12	0.07	ppb
Barium	137-1	134.19	133.19	135.18	134.18	0.74	ppb
Beryllium	9-1	27.09	27.75	27.38	27.40	1.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.12	27.95	29.14	28.07	3.62	ppb
Boron	11-1	27.03	28.27	27.50	27.60	2.28	ppb
Cadmium	111-1	26.72	27.18	26.97	26.96	0.86	ppb
Cadmium	106-1	22.52	26.84	20.85	23.41	13.21	ppb
Cadmium	108-1	27.80	26.32	26.58	26.90	2.94	ppb
Calcium	43-1	26031.52	26090.56	26087.24	26069.77	0.13	ppb
Calcium	44-1	26771.97	26586.77	26893.70	26750.81	0.58	ppb
Chromium	52-2	28.43	29.66	28.24	28.78	2.67	ppb
Cobalt	59-2	28.53	29.58	28.55	28.89	2.08	ppb
Copper	63-2	56.66	57.69	55.70	56.68	1.75	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1443.66	1484.71	1456.93	1461.77	1.43	ppb
Iron	57-2	1464.53	1517.10	1459.66	1480.43	2.15	ppb
Lead	206-1	27.45	27.15	27.24	27.28	0.57	ppb
Lead	207-1	26.92	27.61	27.59	27.37	1.44	ppb
Lead	208-1	27.03	27.24	27.40	27.22	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	10721.73	11049.71	10835.79	10869.08	1.53	ppb
Manganese	55-2	146.31	150.85	147.91	148.36	1.55	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:13:09	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	128.21	127.13	129.19	128.18	0.80	ppb
Molybdenum	95-1	126.41	128.34	130.27	128.34	1.50	ppb
Molybdenum	96-1	127.66	128.06	129.85	128.52	0.91	ppb
Molybdenum	97-1	126.78	129.41	131.30	129.17	1.76	ppb
Molybdenum	98-1	126.22	125.11	127.97	126.43	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.06	30.25	29.04	29.45	2.35	ppb
Phosphorus	31-2	7.47	14.67	27.65	16.60	61.60	ppb
Potassium	39-2	1684.82	1727.35	1723.22	1711.80	1.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	33.89	41.81	24.54	33.41	25.87	ppb
Selenium	78-2	29.99	25.17	26.75	27.30	9.00	ppb
Selenium	82-1	29.14	28.74	28.07	28.65	1.88	ppb
Silicon	28-1	611.73	660.65	644.44	638.94	3.90	ppb
Silver	109-1	28.74	28.19	29.36	28.76	2.02	ppb
Silver	107-1	28.43	28.34	29.09	28.62	1.44	ppb
Sodium	23-2	18233.89	18664.05	18465.55	18454.50	1.17	ppb
Strontium	86-1	163.07	163.54	164.12	163.58	0.32	ppb
Strontium	88-1	160.23	160.46	161.45	160.71	0.40	ppb
Sulfur	34-1	1589.07	1719.10	2294.04	1867.40	20.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	27.38	27.78	28.04	27.74	1.20	ppb
Thallium	205-1	27.05	27.34	27.43	27.27	0.73	ppb
Tin	118-1	25.32	24.46	25.82	25.20	2.72	ppb
Titanium	47-1	125.97	126.95	130.42	127.78	1.83	ppb
Uranium	238-1	26.08	26.05	26.21	26.11	0.33	ppb
Vanadium	51-2	27.18	28.74	27.67	27.86	2.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	53.32	56.60	54.56	54.83	3.02	ppb
Zirconium	90-1	25.38	25.10	25.12	25.20	0.61	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:13:09	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.30	25.15	25.94	25.47	1.65	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:16:41	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.11	524.33	511.41	512.95	2.08	ppb
Antimony	121-1	27.07	28.36	27.10	27.51	2.68	ppb
Arsenic	75-2	27.04	29.65	29.15	28.61	4.84	ppb
Barium	135-1	134.09	144.83	138.73	139.22	3.87	ppb
Barium	137-1	134.87	146.52	135.79	139.06	4.66	ppb
Beryllium	9-1	27.51	28.40	27.25	27.72	2.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.53	27.74	28.82	28.36	1.97	ppb
Boron	11-1	26.89	27.96	27.26	27.37	1.99	ppb
Cadmium	111-1	26.82	29.85	28.05	28.24	5.40	ppb
Cadmium	106-1	21.66	27.43	23.45	24.18	12.22	ppb
Cadmium	108-1	28.07	28.19	27.78	28.01	0.75	ppb
Calcium	43-1	26501.53	27594.32	26813.95	26969.94	2.09	ppb
Calcium	44-1	27410.31	28386.19	27409.14	27735.21	2.03	ppb
Chromium	52-2	29.87	29.80	29.81	29.82	0.12	ppb
Cobalt	59-2	29.15	29.95	29.33	29.48	1.43	ppb
Copper	63-2	55.76	58.38	56.77	56.97	2.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1481.26	1493.40	1477.89	1484.18	0.55	ppb
Iron	57-2	1504.61	1579.94	1546.22	1543.59	2.44	ppb
Lead	206-1	27.75	28.86	27.75	28.12	2.27	ppb
Lead	207-1	27.42	28.98	28.15	28.18	2.77	ppb
Lead	208-1	27.63	28.79	27.82	28.08	2.22	ppb
Lithium	6-1						%
Magnesium	24-2	11069.19	11164.95	11037.67	11090.60	0.60	ppb
Manganese	55-2	151.90	152.81	150.28	151.66	0.84	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:16:41	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	129.63	135.26	131.82	132.24	2.15	ppb
Molybdenum	95-1	128.24	133.79	128.55	130.19	2.39	ppb
Molybdenum	96-1	128.07	135.70	130.22	131.33	2.99	ppb
Molybdenum	97-1	130.83	138.18	132.70	133.90	2.85	ppb
Molybdenum	98-1	127.09	134.75	128.76	130.20	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.37	29.73	30.22	30.11	1.12	ppb
Phosphorus	31-2	-10.32	0.43	19.17	3.09	482.64	ppb
Potassium	39-2	1743.69	1725.94	1732.05	1733.90	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	26.78	34.50	24.50	28.59	18.32	ppb
Selenium	78-2	28.95	32.59	36.07	32.54	10.94	ppb
Selenium	82-1	28.51	30.75	28.67	29.31	4.26	ppb
Silicon	28-1	634.09	282.76	538.17	485.01	37.44	ppb
Silver	109-1	29.05	30.34	29.18	29.52	2.40	ppb
Silver	107-1	28.34	30.30	29.60	29.41	3.38	ppb
Sodium	23-2	18787.29	18988.80	18852.08	18876.06	0.54	ppb
Strontium	86-1	162.08	172.16	162.71	165.65	3.41	ppb
Strontium	88-1	163.29	170.80	164.01	166.03	2.50	ppb
Sulfur	34-1	1854.23	2892.56	2368.00	2371.60	21.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	27.96	29.62	28.09	28.56	3.22	ppb
Thallium	205-1	27.22	28.81	27.55	27.86	3.00	ppb
Tin	118-1	24.80	26.80	26.27	25.95	3.98	ppb
Titanium	47-1	128.74	134.32	130.71	131.26	2.16	ppb
Uranium	238-1	26.36	27.78	26.57	26.90	2.85	ppb
Vanadium	51-2	28.71	29.44	28.08	28.75	2.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	53.73	53.42	55.76	54.31	2.34	ppb
Zirconium	90-1	25.56	27.22	26.01	26.26	3.27	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:16:41	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.79	28.40	26.12	26.77	5.30	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0453DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:20:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-7.06	-7.42	-5.85	-6.78		ppb
Antimony	121-1	0.12	0.11	0.10	0.11	6.40	ppb
Arsenic	75-2	0.28	0.12	0.20	0.20	39.47	ppb
Barium	135-1	4.81	4.69	5.05	4.85	3.76	ppb
Barium	137-1	5.12	4.82	4.31	4.75	8.63	ppb
Beryllium	9-1	0.24	0.13	0.16	0.18	31.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.50	4.50	4.23	4.08	12.75	ppb
Boron	11-1	3.63	3.54	3.39	3.52	3.49	ppb
Cadmium	111-1	0.56	0.57	0.46	0.53	11.64	ppb
Cadmium	106-1	-2.55	-1.39	-4.48	-2.81		ppb
Cadmium	108-1	0.71	0.22	0.38	0.44	58.01	ppb
Calcium	43-1	4017.36	4084.21	4010.75	4037.44	1.01	ppb
Calcium	44-1	4056.61	4079.47	4001.32	4045.80	0.99	ppb
Chromium	52-2	0.06	0.15	0.09	0.10	45.70	ppb
Cobalt	59-2	0.22	0.19	0.21	0.21	7.48	ppb
Copper	63-2	1.30	1.22	1.06	1.19	10.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120.83	117.48	113.50	117.27	3.13	ppb
Iron	57-2	116.63	110.39	126.38	117.80	6.84	ppb
Lead	206-1	0.03	0.01	0.02	0.02	35.01	ppb
Lead	207-1	0.02	0.02	0.01	0.02	37.96	ppb
Lead	208-1	0.02	0.03	0.02	0.02	15.65	ppb
Lithium	6-1						%
Magnesium	24-2	456.49	436.00	452.46	448.32	2.42	ppb
Manganese	55-2	75.41	74.10	70.97	73.49	3.10	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0453DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:20:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.28	0.15	0.25	34.87	ppb
Molybdenum	95-1	0.14	0.12	0.18	0.15	21.35	ppb
Molybdenum	96-1	0.11	0.13	0.15	0.13	16.46	ppb
Molybdenum	97-1	0.23	0.15	0.16	0.18	23.87	ppb
Molybdenum	98-1	0.14	0.13	0.15	0.14	7.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.63	0.40	0.52	22.97	ppb
Phosphorus	31-2	5.11	-20.23	-7.94	-7.69		ppb
Potassium	39-2	775.35	747.25	681.49	734.70	6.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.47	1.04	0.22	0.91	70.04	ppb
Selenium	82-1	-0.78	0.08	-0.40	-0.37		ppb
Silicon	28-1	686.46	577.69	714.64	659.59	10.96	ppb
Silver	109-1	0.13	0.12	0.12	0.13	4.84	ppb
Silver	107-1	0.13	0.10	0.12	0.12	12.09	ppb
Sodium	23-2	67055.68	66271.14	63653.14	65659.99	2.71	ppb
Strontium	86-1	20.27	19.61	18.91	19.60	3.49	ppb
Strontium	88-1	19.55	19.18	19.29	19.34	0.98	ppb
Sulfur	34-1	3889.06	4141.38	3958.56	3996.33	3.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.01	0.02	39.48	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	44.09	ppb
Tin	118-1	0.00	-0.01	0.01	0.00		ppb
Titanium	47-1	0.63	0.94	0.69	0.75	21.91	ppb
Uranium	238-1	0.07	0.06	0.08	0.07	9.03	ppb
Vanadium	51-2	0.08	0.09	0.12	0.10	21.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.96	2.28	2.36	2.20	9.72	ppb
Zirconium	90-1	0.07	0.09	0.11	0.09	18.31	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0453DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:20:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.08	0.14	0.09	45.54	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0454DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:23:47	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-16.70	-16.90	-16.60	-16.74		ppb
Antimony	121-1	0.10	0.08	0.12	0.10	19.92	ppb
Arsenic	75-2	0.12	0.15	0.07	0.11	36.72	ppb
Barium	135-1	9.22	9.54	9.05	9.27	2.69	ppb
Barium	137-1	8.89	9.39	9.11	9.13	2.75	ppb
Beryllium	9-1	0.15	0.11	0.08	0.11	32.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.83	2.99	3.81	3.21	16.35	ppb
Boron	11-1	2.64	3.03	2.95	2.87	7.03	ppb
Cadmium	111-1	-0.21	-0.02	-0.17	-0.13		ppb
Cadmium	106-1	-3.15	-0.77	-2.64	-2.18		ppb
Cadmium	108-1	0.05	-0.02	0.06	0.03	156.11	ppb
Calcium	43-1	10568.60	10651.75	10523.88	10581.41	0.61	ppb
Calcium	44-1	10753.32	10876.09	10666.34	10765.25	0.98	ppb
Chromium	52-2	0.02	0.12	0.08	0.07	68.25	ppb
Cobalt	59-2	0.06	0.07	0.07	0.07	12.43	ppb
Copper	63-2	1.08	1.14	0.97	1.06	8.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.28	16.23	15.83	16.11	1.52	ppb
Iron	57-2	16.44	28.41	28.31	24.39	28.21	ppb
Lead	206-1	0.01	-0.01	0.03	0.01	162.80	ppb
Lead	207-1	-0.02	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.01	0.00	0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	2264.06	2388.32	2296.63	2316.33	2.78	ppb
Manganese	55-2	28.65	31.11	30.71	30.16	4.38	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0454DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:23:47	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.22	0.10	104.74	ppb
Molybdenum	95-1	0.11	0.09	0.08	0.09	18.81	ppb
Molybdenum	96-1	0.04	0.09	0.09	0.07	37.81	ppb
Molybdenum	97-1	-0.03	0.03	0.08	0.03	216.21	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	15.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.18	0.21	0.17	18.40	ppb
Phosphorus	31-2	-3.95	-14.18	-11.51	-9.88		ppb
Potassium	39-2	714.05	781.78	729.29	741.71	4.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.51	4.83	2.45	98.73	ppb
Selenium	78-2	0.98	-0.15	1.02	0.61	108.23	ppb
Selenium	82-1	0.65	-0.62	-0.16	-0.04		ppb
Silicon	28-1	678.93	510.34	660.77	616.68	15.01	ppb
Silver	109-1	0.13	0.18	0.13	0.14	21.63	ppb
Silver	107-1	0.12	0.14	0.10	0.12	16.89	ppb
Sodium	23-2	44612.30	47457.36	45677.81	45915.83	3.13	ppb
Strontium	86-1	73.84	74.27	75.93	74.68	1.48	ppb
Strontium	88-1	74.19	73.82	73.97	73.99	0.25	ppb
Sulfur	34-1	1281.20	2235.72	1475.56	1664.16	30.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	-0.05	-0.02		ppb
Titanium	47-1	0.18	0.28	0.18	0.22	26.13	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	3.36	ppb
Vanadium	51-2	0.05	0.10	0.06	0.07	31.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.37	2.23	2.79	2.46	11.89	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	31.08	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0454DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:23:47	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.05	0.07	22.37	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:27:18	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51165.49	49423.55	49551.12	50046.72	1.94	ppb
Antimony	121-1	474.07	469.63	480.66	474.79	1.17	ppb
Arsenic	75-2	507.42	492.49	493.71	497.87	1.66	ppb
Barium	135-1	2420.06	2366.43	2423.41	2403.30	1.33	ppb
Barium	137-1	2402.50	2361.85	2425.56	2396.63	1.35	ppb
Beryllium	9-1	496.17	490.21	497.00	494.46	0.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	470.69	479.90	498.87	483.16	2.97	ppb
Boron	11-1	480.53	481.99	498.69	487.07	2.07	ppb
Cadmium	111-1	469.68	461.05	477.19	469.31	1.72	ppb
Cadmium	106-1	469.33	462.66	481.54	471.18	2.03	ppb
Cadmium	108-1	476.96	476.52	476.91	476.80	0.05	ppb
Calcium	43-1	237624.54	232749.51	236200.12	235524.72	1.06	ppb
Calcium	44-1	239529.57	235767.18	238928.46	238075.07	0.85	ppb
Chromium	52-2	516.10	495.10	502.06	504.42	2.12	ppb
Cobalt	59-2	505.89	486.89	486.69	493.16	2.24	ppb
Copper	63-2	988.68	952.46	962.11	967.75	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	129289.62	124849.69	125094.99	126411.43	1.97	ppb
Iron	57-2	126959.18	121964.10	122410.09	123777.79	2.23	ppb
Lead	206-1	499.90	494.57	506.00	500.16	1.14	ppb
Lead	207-1	499.20	495.72	504.91	499.94	0.93	ppb
Lead	208-1	501.72	495.29	505.90	500.97	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	261762.28	251636.77	253261.75	255553.60	2.13	ppb
Manganese	55-2	1002.15	967.48	971.50	980.37	1.93	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:27:18	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2503.06	2449.72	2499.00	2483.93	1.20	ppb
Molybdenum	95-1	2492.93	2437.78	2493.56	2474.76	1.29	ppb
Molybdenum	96-1	2498.44	2436.81	2494.61	2476.62	1.39	ppb
Molybdenum	97-1	2508.15	2457.87	2501.70	2489.24	1.10	ppb
Molybdenum	98-1	2468.01	2418.68	2481.18	2455.96	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.50	485.38	485.30	491.06	2.02	ppb
Phosphorus	31-2	10226.75	9826.96	9813.96	9955.89	2.36	ppb
Potassium	39-2	128235.99	124190.13	124592.70	125672.94	1.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	500.54	474.52	518.51	497.86	4.44	ppb
Selenium	78-2	489.25	484.07	500.61	491.31	1.72	ppb
Selenium	82-1	479.71	480.52	484.01	481.42	0.47	ppb
Silicon	28-1	451.61	475.18	295.72	407.50	23.93	ppb
Silver	109-1	469.61	459.75	471.23	466.86	1.33	ppb
Silver	107-1	469.89	461.24	469.01	466.71	1.02	ppb
Sodium	23-2	261942.41	251001.82	254039.92	255661.38	2.21	ppb
Strontium	86-1	511.83	500.08	512.93	508.28	1.40	ppb
Strontium	88-1	512.08	503.16	513.04	509.43	1.07	ppb
Sulfur	34-1	11487.25	10870.51	11103.74	11153.83	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.78	489.45	500.78	496.00	1.18	ppb
Thallium	205-1	499.22	492.54	499.80	497.19	0.81	ppb
Tin	118-1	482.72	472.53	485.05	480.10	1.39	ppb
Titanium	47-1	2481.75	2422.17	2463.05	2455.66	1.24	ppb
Uranium	238-1	523.97	521.17	529.05	524.73	0.76	ppb
Vanadium	51-2	518.06	495.88	501.34	505.09	2.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	971.93	936.88	935.43	948.08	2.18	ppb
Zirconium	90-1	496.22	489.21	499.58	495.00	1.07	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:27:18	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.45	492.13	506.34	499.31	1.42	ppb

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 14:30:50 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-19.69	-19.49	-19.31	-19.50		ppb
Antimony	121-1	1.69	1.45	1.45	1.53	9.00	ppb
Arsenic	75-2	0.04	0.09	0.16	0.10	61.93	ppb
Barium	135-1	0.01	0.01	0.02	0.01	57.19	ppb
Barium	137-1	0.00	0.07	0.00	0.02	199.19	ppb
Beryllium	9-1	0.39	0.39	0.37	0.38	3.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.63	9.11	9.67	9.80	7.85	ppb
Boron	11-1	10.56	10.16	9.29	10.00	6.51	ppb
Cadmium	111-1	-0.26	-0.15	-0.33	-0.25		ppb
Cadmium	106-1	-3.25	-2.12	-4.44	-3.27		ppb
Cadmium	108-1	0.13	-0.11	-0.03	0.00		ppb
Calcium	43-1	9.30	-4.71	3.06	2.55	275.13	ppb
Calcium	44-1	-24.89	-17.09	-19.33	-20.43		ppb
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	65.89	ppb
Copper	63-2	0.29	0.33	0.50	0.37	29.58	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.11	4.10	4.18	4.13	1.00	ppb
Iron	57-2	1.39	2.82	4.06	2.75	48.40	ppb
Lead	206-1	0.12	0.11	0.12	0.12	6.00	ppb
Lead	207-1	0.16	0.11	0.12	0.13	19.03	ppb
Lead	208-1	0.13	0.13	0.13	0.13	1.14	ppb
Lithium	6-1						%
Magnesium	24-2	-10.52	-10.58	-11.32	-10.81		ppb
Manganese	55-2	0.01	0.00	0.06	0.02	136.17	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:30:50	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.79	0.84	0.76	0.79	5.06	ppb
Molybdenum	95-1	0.87	0.85	0.85	0.86	1.32	ppb
Molybdenum	96-1	1.06	0.80	0.92	0.93	14.48	ppb
Molybdenum	97-1	0.97	0.86	0.74	0.86	13.57	ppb
Molybdenum	98-1	0.88	0.77	0.77	0.80	7.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.03	-0.01		ppb
Phosphorus	31-2	20.23	30.18	-2.57	15.95	105.27	ppb
Potassium	39-2	15.23	19.28	10.19	14.90	30.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.85	3.21	0.53	2.20	66.02	ppb
Selenium	82-1	-0.68	-0.05	-0.55	-0.43		ppb
Silicon	28-1	405.39	455.26	547.84	469.49	15.40	ppb
Silver	109-1	0.07	0.07	0.05	0.06	15.91	ppb
Silver	107-1	0.06	0.04	0.07	0.06	34.60	ppb
Sodium	23-2	119.79	117.02	108.80	115.20	4.96	ppb
Strontium	86-1	-0.03	-0.01	-0.04	-0.03		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	43.08	ppb
Sulfur	34-1	-1223.52	-936.31	-768.28	-976.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.22	0.16	0.20	16.51	ppb
Thallium	205-1	0.22	0.19	0.16	0.19	16.88	ppb
Tin	118-1	0.35	0.29	0.34	0.32	10.49	ppb
Titanium	47-1	-0.02	0.17	0.04	0.07	148.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.54	ppb
Vanadium	51-2	0.02	0.00	0.03	0.02	66.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.33	-0.44	-0.39	-0.39		ppb
Zirconium	90-1	0.11	0.17	0.11	0.13	24.52	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:30:50	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.19	0.20	0.17	25.32	ppb

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:38:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933	1017	1075	1008	7.06	cps
Antimony	121-1	42	50	67	53	24.12	cps
Arsenic	75-2	0	2	0	1	173.21	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	92	67	75	78	16.37	cps
Beryllium	9-1	106	117	100	107	7.90	cps
Bismuth	209-1	4845903	5139604	4950586	4978698	2.99	cps
Bismuth	209-2	2593448	2521325	2556713	2557162	1.41	cps
Boron	10-1	42	83	125	83	50.00	cps
Boron	11-1	392	483	400	425	11.93	cps
Cadmium	111-1	1359	1176	1203	1246	7.94	cps
Cadmium	106-1	1934	1684	1709	1775	7.76	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	142	133	100	125	17.64	cps
Calcium	44-1	89018	85950	87793	87587	1.76	cps
Chromium	52-2	153	160	167	160	4.17	cps
Cobalt	59-2	57	50	57	54	7.07	cps
Copper	63-2	750	643	593	662	12.08	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	17	33	25	25	33.34	cps
Gadolinium	160-2	33	60	27	40	44.09	cps
Holmium	165-1	6116113	6461144	6316892	6298050	2.75	cps
Holmium	165-2	3068374	2982704	3031172	3027417	1.42	cps
Indium	115-1	3757398	3981015	3877480	3871965	2.89	cps
Indium	115-2	744323	722919	737917	735053	1.49	cps
Iron	56-2	1945	1834	2034	1937	5.17	cps
Iron	57-2	106	72	89	89	18.75	cps
Lead	206-1	289	306	294	296	2.86	cps
Lead	207-1	250	317	333	300	14.70	cps
Lead	208-1	1256	1339	1383	1326	4.89	cps
Lithium	6-1	2376581	2464859	2441021	2427487	1.88	cps
Magnesium	24-2	2550	2359	2642	2517	5.74	cps
Manganese	55-2	97	70	73	80	18.17	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:38:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	75	142	117	111	30.31	cps
Molybdenum	95-1	17	17	8	14	34.67	cps
Molybdenum	96-1	42	92	33	56	56.79	cps
Molybdenum	97-1	17	42	42	33	43.30	cps
Molybdenum	98-1	8	50	33	31	68.64	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	93	103	89	19.25	cps
Phosphorus	31-2	167	75	117	119	38.43	cps
Potassium	39-2	18529	18396	18262	18395	0.73	cps
Rhodium	103-1	3241188	3432635	3344300	3339374	2.87	cps
Rhodium	103-2	1752263	1717024	1742205	1737164	1.04	cps
Scandium	45-1	2533438	2738148	2632303	2634630	3.89	cps
Scandium	45-2	130539	126350	127081	127990	1.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	7	6	57.77	cps
Selenium	82-1	1	12	8	7	81.66	cps
Silicon	28-1	22938107	23050448	23069761	23019439	0.31	cps
Silver	109-1	25	8	8	14	69.31	cps
Silver	107-1	17	58	8	28	96.44	cps
Sodium	23-2	9370	9303	9462	9378	0.85	cps
Strontium	86-1	200	100	192	164	33.86	cps
Strontium	88-1	75	67	83	75	11.11	cps
Sulfur	34-1	382284	377641	377300	379075	0.73	cps
Terbium	159-1	6037823	6351861	6238685	6209456	2.56	cps
Terbium	159-2	2911689	2848760	2905582	2888677	1.20	cps
Thallium	203-1	75	75	100	83	17.32	cps
Thallium	205-1	233	283	267	261	9.75	cps
Tin	118-1	467	500	475	481	3.61	cps
Titanium	47-1	83	92	108	94	13.48	cps
Uranium	238-1	125	83	58	89	37.89	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	3551852	3751068	3667275	3656732	2.74	cps
Yttrium	89-2	537324	522750	529191	529755	1.38	cps
Zinc	66-2	367	350	337	351	4.28	cps
Zirconium	90-1	233	300	175	236	26.49	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:38:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	33	67	39	65.47	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:46:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	1050	833	981	13.01	cps
Antimony	121-1	6143	5510	6093	5915	5.95	cps
Arsenic	75-2	117	76	104	99	21.07	cps
Barium	135-1	6935	7586	7369	7297	4.54	cps
Barium	137-1	12064	12356	12932	12451	3.55	cps
Beryllium	9-1	1567	1583	1439	1530	5.17	cps
Bismuth	209-1	5472580	5530005	5275812	5426132	2.46	cps
Bismuth	209-2	2516314	2631140	2535286	2560913	2.40	cps
Boron	10-1	4009	3951	4234	4065	3.68	cps
Boron	11-1	17227	17360	18370	17652	3.54	cps
Cadmium	111-1	1952	2139	1966	2019	5.17	cps
Cadmium	106-1	1850	2200	1975	2009	8.83	cps
Cadmium	108-1	92	67	113	90	25.42	cps
Calcium	43-1	4709	5134	4668	4837	5.34	cps
Calcium	44-1	158853	158465	158962	158760	0.16	cps
Chromium	52-2	2034	2184	2050	2089	3.94	cps
Cobalt	59-2	1550	1523	1513	1529	1.24	cps
Copper	63-2	2854	2917	2617	2796	5.66	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	17	33	53	34	53.29	cps
Holmium	165-1	6864350	6889108	6645096	6799518	1.98	cps
Holmium	165-2	2985340	3111845	3032238	3043141	2.10	cps
Indium	115-1	4271869	4309210	4143926	4241668	2.04	cps
Indium	115-2	718065	750822	727760	732215	2.30	cps
Iron	56-2	38896	39108	39659	39221	1.00	cps
Iron	57-2	983	995	956	978	2.05	cps
Lead	206-1	3745	3589	3506	3614	3.36	cps
Lead	207-1	3523	3634	3662	3606	2.04	cps
Lead	208-1	15459	15315	15332	15369	0.51	cps
Lithium	6-1	2633758	2658661	2573912	2622110	1.66	cps
Magnesium	24-2	59544	59167	59502	59405	0.35	cps
Manganese	55-2	573	613	620	602	4.19	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:46:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5318	5251	5160	5243	1.52	cps
Molybdenum	95-1	6477	6502	6569	6516	0.73	cps
Molybdenum	96-1	7102	7336	6919	7119	2.94	cps
Molybdenum	97-1	4184	4209	3701	4031	7.11	cps
Molybdenum	98-1	10262	9770	10413	10148	3.31	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	530	453	487	490	7.85	cps
Phosphorus	31-2	250	133	208	197	29.98	cps
Potassium	39-2	52837	52803	52494	52711	0.36	cps
Rhodium	103-1	3670447	3732019	3576803	3659756	2.14	cps
Rhodium	103-2	1708125	1770099	1735870	1738032	1.79	cps
Scandium	45-1	2903083	2954938	2837124	2898382	2.04	cps
Scandium	45-2	127755	131152	126862	128590	1.76	cps
Selenium	77-2	23	17	0	13	90.13	cps
Selenium	78-2	41	24	35	33	25.47	cps
Selenium	82-1	216	177	188	194	10.37	cps
Silicon	28-1	22855475	22851259	22950288	22885674	0.24	cps
Silver	109-1	3176	3125	3317	3206	3.10	cps
Silver	107-1	3501	3409	3084	3331	6.57	cps
Sodium	23-2	119120	119717	119044	119293	0.31	cps
Strontium	86-1	1058	1000	892	983	8.60	cps
Strontium	88-1	7477	7477	7169	7374	2.42	cps
Sulfur	34-1	380333	375742	375852	377309	0.69	cps
Terbium	159-1	6774405	6848078	6561864	6728116	2.21	cps
Terbium	159-2	2842086	2966510	2887366	2898654	2.17	cps
Thallium	203-1	4384	4026	4092	4168	4.57	cps
Thallium	205-1	10329	10621	10455	10468	1.40	cps
Tin	118-1	12423	12056	11488	11989	3.93	cps
Titanium	47-1	2184	1909	2034	2042	6.74	cps
Uranium	238-1	16545	15793	16570	16303	2.71	cps
Vanadium	51-2	3664	3677	3764	3702	1.47	cps
Yttrium	89-1	4024060	4057588	3916784	3999477	1.84	cps
Yttrium	89-2	517689	541442	527291	528808	2.26	cps
Zinc	66-2	573	610	603	596	3.28	cps
Zirconium	90-1	4293	4326	4684	4434	4.90	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:46:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	908	908	867	895	2.69	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:50:07	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49742	51071	50879	50564	1.42	cps
Antimony	121-1	163088	165370	164850	164436	0.73	cps
Arsenic	75-2	4506	4360	4475	4447	1.73	cps
Barium	135-1	193942	196089	194069	194700	0.62	cps
Barium	137-1	339614	339634	339921	339723	0.05	cps
Beryllium	9-1	75219	74136	73612	74322	1.10	cps
Bismuth	209-1	5351471	5368660	5422712	5380948	0.69	cps
Bismuth	209-2	2636225	2588003	2528477	2584235	2.09	cps
Boron	10-1	8678	8770	8778	8742	0.64	cps
Boron	11-1	38859	40004	39653	39505	1.48	cps
Cadmium	111-1	38997	38503	38587	38696	0.68	cps
Cadmium	106-1	6060	5960	6285	6102	2.73	cps
Cadmium	108-1	2900	2880	2971	2917	1.65	cps
Calcium	43-1	51056	50705	50236	50665	0.81	cps
Calcium	44-1	912000	904932	908505	908479	0.39	cps
Chromium	52-2	48817	48958	49503	49093	0.74	cps
Cobalt	59-2	77208	76722	77463	77131	0.49	cps
Copper	63-2	111167	109650	111336	110718	0.84	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	23	30	30	28	13.86	cps
Holmium	165-1	6751080	6761528	6785702	6766103	0.26	cps
Holmium	165-2	3151367	3081794	3009751	3080971	2.30	cps
Indium	115-1	4185211	4189400	4222548	4199053	0.49	cps
Indium	115-2	753838	736504	719131	736491	2.36	cps
Iron	56-2	1998806	1997179	2008707	2001564	0.31	cps
Iron	57-2	49283	50097	48218	49199	1.91	cps
Lead	206-1	189387	189912	188545	189281	0.36	cps
Lead	207-1	174275	173174	173770	173740	0.32	cps
Lead	208-1	783683	781233	783023	782647	0.16	cps
Lithium	6-1	2575516	2584444	2580211	2580057	0.17	cps
Magnesium	24-2	637240	637838	637460	637513	0.05	cps
Manganese	55-2	53296	53353	54046	53565	0.78	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:50:07	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	286131	284733	283704	284856	0.43	cps
Molybdenum	95-1	343846	348801	345730	346126	0.72	cps
Molybdenum	96-1	390352	385915	385257	387175	0.72	cps
Molybdenum	97-1	216831	213922	216402	215718	0.73	cps
Molybdenum	98-1	567766	562689	558566	563007	0.82	cps
Neodymium	150-1	7	40	13	20	88.19	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	20074	19797	19997	19956	0.72	cps
Phosphorus	31-2	2050	2192	1942	2061	6.08	cps
Potassium	39-2	209169	210015	208418	209200	0.38	cps
Rhodium	103-1	3589669	3594122	3588689	3590826	0.08	cps
Rhodium	103-2	1783332	1732822	1703718	1739957	2.32	cps
Scandium	45-1	2835277	2849475	2874819	2853190	0.70	cps
Scandium	45-2	131625	128827	124074	128175	2.98	cps
Selenium	77-2	83	67	100	83	20.00	cps
Selenium	78-2	328	337	272	312	11.22	cps
Selenium	82-1	2227	2153	2060	2147	3.89	cps
Silicon	28-1	22568167	22578754	22373218	22506713	0.51	cps
Silver	109-1	174051	171233	173536	172940	0.87	cps
Silver	107-1	179438	181092	181299	180610	0.56	cps
Sodium	23-2	1179167	1185318	1187331	1183939	0.36	cps
Strontium	86-1	44387	46125	46117	45543	2.20	cps
Strontium	88-1	399152	395319	395589	396687	0.54	cps
Sulfur	34-1	386485	382957	380501	383314	0.78	cps
Terbium	159-1	6698458	6686176	6721858	6702164	0.27	cps
Terbium	159-2	3014102	2929496	2881350	2941649	2.28	cps
Thallium	203-1	231399	228459	228834	229564	0.70	cps
Thallium	205-1	555028	552680	550163	552623	0.44	cps
Tin	118-1	129088	129644	130004	129579	0.36	cps
Titanium	47-1	113106	113342	112838	113095	0.22	cps
Uranium	238-1	909802	910720	913014	911179	0.18	cps
Vanadium	51-2	40429	40409	40302	40380	0.17	cps
Yttrium	89-1	3965170	3949055	3967473	3960566	0.25	cps
Yttrium	89-2	544064	529557	520206	531276	2.26	cps
Zinc	66-2	15151	15115	15322	15196	0.73	cps
Zirconium	90-1	243199	243798	242256	243084	0.32	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:50:07	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	53936	53091	54764	53930	1.55	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:53:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124010	124204	125667	124627	0.73	cps
Antimony	121-1	410547	414222	414529	413100	0.54	cps
Arsenic	75-2	11119	10752	11060	10977	1.79	cps
Barium	135-1	482769	482156	481662	482196	0.12	cps
Barium	137-1	851224	852754	848440	850806	0.26	cps
Beryllium	9-1	183028	182347	183792	183055	0.39	cps
Bismuth	209-1	5358080	5357051	5305744	5340292	0.56	cps
Bismuth	209-2	2563150	2605698	2579348	2582732	0.83	cps
Boron	10-1	21666	21699	23052	22139	3.57	cps
Boron	11-1	95869	96415	98033	96772	1.16	cps
Cadmium	111-1	94663	95502	95752	95306	0.60	cps
Cadmium	106-1	12147	13023	12264	12478	3.81	cps
Cadmium	108-1	7369	7519	7360	7416	1.20	cps
Calcium	43-1	125654	127763	125631	126349	0.97	cps
Calcium	44-1	2119673	2124229	2114905	2119603	0.22	cps
Chromium	52-2	120474	119831	120873	120393	0.44	cps
Cobalt	59-2	191028	189664	191975	190889	0.61	cps
Copper	63-2	271000	270620	269636	270418	0.26	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	42	42	83	56	43.30	cps
Gadolinium	160-2	23	37	33	31	22.31	cps
Holmium	165-1	6769234	6786043	6716634	6757304	0.54	cps
Holmium	165-2	3076099	3125078	3095400	3098859	0.80	cps
Indium	115-1	4145440	4174353	4106136	4141976	0.83	cps
Indium	115-2	727401	732628	732147	730725	0.40	cps
Iron	56-2	4965720	4991130	4994320	4983723	0.31	cps
Iron	57-2	121969	120697	119376	120681	1.07	cps
Lead	206-1	468755	477631	469831	472072	1.03	cps
Lead	207-1	432527	435269	432839	433545	0.35	cps
Lead	208-1	1950468	1956670	1953006	1953381	0.16	cps
Lithium	6-1	2542565	2539813	2510487	2530955	0.70	cps
Magnesium	24-2	1586418	1582050	1584665	1584378	0.14	cps
Manganese	55-2	134373	133741	133532	133882	0.33	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:53:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	709484	704661	712400	708848	0.55	cps
Molybdenum	95-1	857898	860383	855362	857881	0.29	cps
Molybdenum	96-1	963024	964537	958555	962039	0.32	cps
Molybdenum	97-1	542871	542803	536186	540620	0.71	cps
Molybdenum	98-1	1396433	1401867	1405450	1401250	0.32	cps
Neodymium	150-1	13	60	20	31	81.13	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	49845	48768	49112	49241	1.12	cps
Phosphorus	31-2	5501	5368	5485	5451	1.33	cps
Potassium	39-2	493254	491374	493451	492693	0.23	cps
Rhodium	103-1	3535341	3530647	3496672	3520887	0.60	cps
Rhodium	103-2	1710291	1725255	1716165	1717237	0.44	cps
Scandium	45-1	2820350	2824702	2782339	2809130	0.83	cps
Scandium	45-2	125482	127435	127099	126672	0.82	cps
Selenium	77-2	170	197	183	183	7.27	cps
Selenium	78-2	746	687	719	717	4.13	cps
Selenium	82-1	5255	5239	5322	5272	0.84	cps
Silicon	28-1	21996294	22133689	22167897	22099293	0.41	cps
Silver	109-1	430899	429191	424994	428361	0.71	cps
Silver	107-1	447849	449145	450134	449043	0.26	cps
Sodium	23-2	2948492	2938921	2951923	2946446	0.23	cps
Strontium	86-1	111614	112849	112244	112236	0.55	cps
Strontium	88-1	998023	995935	991193	995051	0.35	cps
Sulfur	34-1	406532	400902	399526	402320	0.92	cps
Terbium	159-1	6703953	6721598	6617068	6680873	0.84	cps
Terbium	159-2	2927563	2968012	2952110	2949228	0.69	cps
Thallium	203-1	575865	573418	572751	574011	0.29	cps
Thallium	205-1	1389086	1376422	1377060	1380856	0.52	cps
Tin	118-1	321967	327161	323900	324343	0.81	cps
Titanium	47-1	277682	278541	275465	277229	0.57	cps
Uranium	238-1	2296967	2293946	2298803	2296572	0.11	cps
Vanadium	51-2	99395	100905	100348	100216	0.76	cps
Yttrium	89-1	3946963	3922048	3856083	3908365	1.20	cps
Yttrium	89-2	523322	529325	529934	527527	0.69	cps
Zinc	66-2	36776	37685	37776	37412	1.48	cps
Zirconium	90-1	606548	604074	607115	605912	0.27	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:53:58	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	134267	134325	136748	135114	1.05	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:57:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	244192	245025	244509	244575	0.17	cps
Antimony	121-1	831913	839215	829090	833406	0.63	cps
Arsenic	75-2	21737	22033	21590	21787	1.04	cps
Barium	135-1	976438	969190	968333	971320	0.46	cps
Barium	137-1	1721141	1721265	1715334	1719247	0.20	cps
Beryllium	9-1	359877	354693	357845	357472	0.73	cps
Bismuth	209-1	5323297	5391832	5383830	5366320	0.70	cps
Bismuth	209-2	2493660	2518443	2511071	2507725	0.51	cps
Boron	10-1	42645	43004	43438	43029	0.92	cps
Boron	11-1	187682	189589	194264	190512	1.78	cps
Cadmium	111-1	189044	187194	187876	188038	0.50	cps
Cadmium	106-1	22519	22310	22577	22469	0.63	cps
Cadmium	108-1	14883	14745	14116	14581	2.81	cps
Calcium	43-1	251483	249672	250434	250530	0.36	cps
Calcium	44-1	4156101	4118965	4133019	4136028	0.45	cps
Chromium	52-2	237548	234808	235729	236028	0.59	cps
Cobalt	59-2	372657	371498	371913	372023	0.16	cps
Copper	63-2	528699	525563	531506	528589	0.56	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	50	23	57	43	40.71	cps
Holmium	165-1	6772242	6884371	6901425	6852679	1.02	cps
Holmium	165-2	3017306	3067765	3052919	3045997	0.85	cps
Indium	115-1	4135295	4169454	4155467	4153405	0.41	cps
Indium	115-2	705932	711479	711783	709731	0.46	cps
Iron	56-2	9790706	9734336	9737821	9754288	0.32	cps
Iron	57-2	239542	237246	237655	238148	0.51	cps
Lead	206-1	945405	946933	945864	946067	0.08	cps
Lead	207-1	875681	870934	875711	874109	0.31	cps
Lead	208-1	3927181	3925816	3934291	3929096	0.12	cps
Lithium	6-1	2495183	2510842	2519549	2508524	0.49	cps
Magnesium	24-2	3118275	3115097	3118142	3117171	0.06	cps
Manganese	55-2	263823	261655	261629	262369	0.48	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:57:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1421525	1415205	1413295	1416675	0.30	cps
Molybdenum	95-1	1720192	1722092	1720271	1720852	0.06	cps
Molybdenum	96-1	1921007	1916281	1917536	1918275	0.13	cps
Molybdenum	97-1	1073054	1073430	1075523	1074002	0.12	cps
Molybdenum	98-1	2815937	2814379	2793880	2808066	0.44	cps
Neodymium	150-1	67	80	47	64	26.03	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	96401	95921	94757	95693	0.88	cps
Phosphorus	31-2	10146	10654	11188	10663	4.89	cps
Potassium	39-2	947196	942630	953816	947881	0.59	cps
Rhodium	103-1	3466276	3510356	3497831	3491488	0.65	cps
Rhodium	103-2	1646872	1666259	1659295	1657475	0.59	cps
Scandium	45-1	2770545	2820270	2791535	2794117	0.89	cps
Scandium	45-2	120760	122477	120559	121266	0.87	cps
Selenium	77-2	480	420	430	443	7.25	cps
Selenium	78-2	1511	1526	1472	1503	1.85	cps
Selenium	82-1	10347	10181	10418	10315	1.18	cps
Silicon	28-1	22058690	21967948	21819997	21948878	0.55	cps
Silver	109-1	848954	850345	845311	848204	0.31	cps
Silver	107-1	884150	880423	881943	882172	0.21	cps
Sodium	23-2	5757335	5750678	5735114	5747709	0.20	cps
Strontium	86-1	226017	224671	224443	225044	0.38	cps
Strontium	88-1	1980770	1983644	1976512	1980309	0.18	cps
Sulfur	34-1	428942	427725	429151	428606	0.18	cps
Terbium	159-1	6690942	6774085	6785071	6750033	0.76	cps
Terbium	159-2	2885815	2924283	2913140	2907746	0.68	cps
Thallium	203-1	1152261	1156729	1147517	1152169	0.40	cps
Thallium	205-1	2806023	2805992	2793487	2801834	0.26	cps
Tin	118-1	651169	650978	646293	649480	0.43	cps
Titanium	47-1	548167	553913	547047	549709	0.67	cps
Uranium	238-1	4693146	4680305	4707346	4693599	0.29	cps
Vanadium	51-2	195948	195857	193590	195132	0.68	cps
Yttrium	89-1	3895340	3916822	3929468	3913877	0.44	cps
Yttrium	89-2	507898	513613	512485	511332	0.59	cps
Zinc	66-2	74569	73095	73705	73790	1.00	cps
Zirconium	90-1	1210911	1203301	1204108	1206106	0.35	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 11:57:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	271189	271335	270880	271135	0.09	cps

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 12:01:33 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478259	485775	485552	483195	0.89	cps
Antimony	121-1	1665610	1667972	1666049	1666544	0.08	cps
Arsenic	75-2	43487	43194	43071	43250	0.49	cps
Barium	135-1	1943183	1935801	1932507	1937163	0.28	cps
Barium	137-1	3450450	3435019	3447335	3444268	0.24	cps
Beryllium	9-1	695515	697616	696738	696623	0.15	cps
Bismuth	209-1	5328894	5294796	5293591	5305760	0.38	cps
Bismuth	209-2	2545200	2479007	2488075	2504094	1.43	cps
Boron	10-1	84075	86280	85223	85192	1.29	cps
Boron	11-1	370202	377529	380147	375959	1.37	cps
Cadmium	111-1	370318	368707	369287	369437	0.22	cps
Cadmium	106-1	42924	42532	42916	42790	0.52	cps
Cadmium	108-1	29214	28625	29093	28977	1.07	cps
Calcium	43-1	494556	496083	496280	495640	0.19	cps
Calcium	44-1	7960788	7949035	8000060	7969961	0.34	cps
Chromium	52-2	466362	468822	467836	467673	0.26	cps
Cobalt	59-2	730923	735225	737306	734485	0.44	cps
Copper	63-2	1037760	1041989	1040233	1039994	0.20	cps
Dysprosium	156-1	75	25	67	56	48.22	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	3	20	7	10	88.20	cps
Gadolinium	160-1	42	58	83	61	34.32	cps
Gadolinium	160-2	27	33	30	30	11.10	cps
Holmium	165-1	6814295	6808451	6802885	6808544	0.08	cps
Holmium	165-2	3100674	3040904	3027427	3056335	1.28	cps
Indium	115-1	4091392	4088705	4091638	4090578	0.04	cps
Indium	115-2	716952	702240	706599	708597	1.07	cps
Iron	56-2	19224814	19317031	19250246	19264030	0.25	cps
Iron	57-2	470362	473111	471061	471511	0.30	cps
Lead	206-1	1885027	1885796	1887916	1886246	0.08	cps
Lead	207-1	1739004	1740786	1748139	1742643	0.28	cps
Lead	208-1	7834417	7853420	7878388	7855408	0.28	cps
Lithium	6-1	2468148	2461819	2461657	2463875	0.15	cps
Magnesium	24-2	6186545	6229093	6217058	6210899	0.35	cps
Manganese	55-2	519896	522280	522664	521613	0.29	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:01:33	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2840035	2839787	2832816	2837546	0.14	cps
Molybdenum	95-1	3435386	3448795	3437716	3440632	0.21	cps
Molybdenum	96-1	3853121	3864167	3872839	3863376	0.26	cps
Molybdenum	97-1	2142306	2149206	2154624	2148712	0.29	cps
Molybdenum	98-1	5653566	5653381	5704044	5670330	0.51	cps
Neodymium	150-1	233	193	173	200	15.28	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	188997	190354	189284	189545	0.38	cps
Phosphorus	31-2	20982	20598	20774	20785	0.92	cps
Potassium	39-2	1856255	1881261	1863473	1866996	0.69	cps
Rhodium	103-1	3415985	3414936	3418894	3416605	0.06	cps
Rhodium	103-2	1668800	1635627	1641213	1648547	1.08	cps
Scandium	45-1	2749008	2762229	2758252	2756496	0.25	cps
Scandium	45-2	124998	121745	122212	122985	1.43	cps
Selenium	77-2	800	870	843	838	4.22	cps
Selenium	78-2	2987	2776	2748	2837	4.61	cps
Selenium	82-1	20469	20316	20788	20525	1.17	cps
Silicon	28-1	21934742	21769567	21841672	21848660	0.38	cps
Silver	109-1	1666660	1666649	1677113	1670141	0.36	cps
Silver	107-1	1739134	1746306	1746581	1744007	0.24	cps
Sodium	23-2	11433873	11460827	11395348	11430016	0.29	cps
Strontium	86-1	449711	448976	450217	449635	0.14	cps
Strontium	88-1	3970883	3976732	3980872	3976162	0.13	cps
Sulfur	34-1	500152	499046	498235	499144	0.19	cps
Terbium	159-1	6729345	6692680	6730789	6717605	0.32	cps
Terbium	159-2	2952213	2890493	2887683	2910130	1.25	cps
Thallium	203-1	2290083	2294675	2311949	2298902	0.50	cps
Thallium	205-1	5634578	5641837	5667784	5648066	0.31	cps
Tin	118-1	1313158	1306621	1296401	1305394	0.65	cps
Titanium	47-1	1091543	1104905	1090908	1095785	0.72	cps
Uranium	238-1	9353573	9357044	9413478	9374699	0.36	cps
Vanadium	51-2	386211	389689	390319	388740	0.57	cps
Yttrium	89-1	3878070	3888943	3906849	3891287	0.37	cps
Yttrium	89-2	521842	513397	513706	516315	0.93	cps
Zinc	66-2	142258	143660	143045	142988	0.49	cps
Zirconium	90-1	2422533	2421397	2418847	2420926	0.08	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:01:33	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	539295	537147	540048	538830	0.28	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:05:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932945	947172	933825	937981	0.85	cps
Antimony	121-1	3288278	3301013	3309746	3299679	0.33	cps
Arsenic	75-2	84078	83847	83931	83952	0.14	cps
Barium	135-1	3839009	3869656	3836495	3848387	0.48	cps
Barium	137-1	6823921	6861751	6827400	6837691	0.31	cps
Beryllium	9-1	1341298	1346931	1333789	1340673	0.49	cps
Bismuth	209-1	5205830	5193695	5116326	5171950	0.94	cps
Bismuth	209-2	2470389	2436969	2453651	2453670	0.68	cps
Boron	10-1	159363	163061	169505	163976	3.13	cps
Boron	11-1	730402	742383	743822	738869	1.00	cps
Cadmium	111-1	714453	718234	715280	715989	0.28	cps
Cadmium	106-1	82046	82607	81115	81923	0.92	cps
Cadmium	108-1	56893	55830	56287	56337	0.95	cps
Calcium	43-1	973191	970607	970826	971542	0.15	cps
Calcium	44-1	15553102	15519718	15480255	15517692	0.23	cps
Chromium	52-2	906374	909580	910911	908955	0.26	cps
Cobalt	59-2	1419440	1426844	1416551	1420945	0.37	cps
Copper	63-2	1983500	2002460	1997156	1994372	0.49	cps
Dysprosium	156-1	133	75	100	103	28.48	cps
Dysprosium	156-2	40	27	27	31	24.74	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	33	47	37	39	17.85	cps
Holmium	165-1	6827244	6819289	6693866	6780133	1.10	cps
Holmium	165-2	3061413	3021624	3041850	3041629	0.65	cps
Indium	115-1	4029593	4022520	3979484	4010532	0.68	cps
Indium	115-2	695266	693894	687358	692172	0.61	cps
Iron	56-2	37494006	37687424	37515849	37565760	0.28	cps
Iron	57-2	911200	921115	908260	913525	0.74	cps
Lead	206-1	3696330	3705489	3702542	3701454	0.13	cps
Lead	207-1	3429266	3436123	3434646	3433345	0.11	cps
Lead	208-1	15426450	15458783	15415598	15433610	0.15	cps
Lithium	6-1	2419827	2407262	2371728	2399606	1.04	cps
Magnesium	24-2	12023443	12106484	12031366	12053764	0.38	cps
Manganese	55-2	1010633	1015989	1014390	1013671	0.27	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:05:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5620284	5646213	5615609	5627369	0.29	cps
Molybdenum	95-1	6843255	6854800	6854013	6850689	0.09	cps
Molybdenum	96-1	7619865	7665914	7675085	7653622	0.39	cps
Molybdenum	97-1	4238283	4254855	4288914	4260684	0.61	cps
Molybdenum	98-1	11350863	11415882	11400385	11389043	0.30	cps
Neodymium	150-1	313	287	280	293	6.01	cps
Neodymium	150-2	20	17	33	23	37.78	cps
Nickel	60-2	360450	362384	363440	362091	0.42	cps
Phosphorus	31-2	40957	40222	40189	40456	1.07	cps
Potassium	39-2	3640181	3662984	3633422	3645529	0.42	cps
Rhodium	103-1	3340635	3352009	3291549	3328064	0.97	cps
Rhodium	103-2	1618096	1604201	1600531	1607609	0.58	cps
Scandium	45-1	2732182	2702678	2663516	2699459	1.28	cps
Scandium	45-2	121507	121261	120616	121128	0.38	cps
Selenium	77-2	1520	1567	1707	1598	6.08	cps
Selenium	78-2	5329	5320	5297	5315	0.30	cps
Selenium	82-1	39716	39775	40146	39879	0.58	cps
Silicon	28-1	22896594	22870714	22899607	22888971	0.07	cps
Silver	109-1	3253009	3246777	3237590	3245792	0.24	cps
Silver	107-1	3369448	3381109	3380898	3377152	0.20	cps
Sodium	23-2	22175337	22282080	22214536	22223985	0.24	cps
Strontium	86-1	884334	882406	884078	883606	0.12	cps
Strontium	88-1	7798049	7810961	7805726	7804912	0.08	cps
Sulfur	34-1	643837	645067	643180	644028	0.15	cps
Terbium	159-1	6743131	6685560	6603746	6677479	1.05	cps
Terbium	159-2	2918545	2888297	2907582	2904808	0.53	cps
Thallium	203-1	4548375	4545935	4553411	4549240	0.08	cps
Thallium	205-1	11082346	11127009	11170057	11126470	0.39	cps
Tin	118-1	2556673	2543233	2553754	2551220	0.28	cps
Titanium	47-1	2155112	2152438	2142523	2150025	0.31	cps
Uranium	238-1	18486258	18652267	18582362	18573629	0.45	cps
Vanadium	51-2	766145	764277	761773	764065	0.29	cps
Yttrium	89-1	3866121	3851902	3803242	3840422	0.86	cps
Yttrium	89-2	512940	510469	509662	511024	0.33	cps
Zinc	66-2	274332	275002	275491	274942	0.21	cps
Zirconium	90-1	4815418	4831905	4813700	4820341	0.21	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:05:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1071388	1071956	1067938	1070427	0.20	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:09:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4708092	4746943	4824119	4759718	1.24	cps
Antimony	121-1	9253	8795	8928	8992	2.62	cps
Arsenic	75-2	41	37	39	39	4.76	cps
Barium	135-1	1050	1142	992	1061	7.13	cps
Barium	137-1	1892	1884	1842	1872	1.43	cps
Beryllium	9-1	1239	1039	1222	1167	9.51	cps
Bismuth	209-1	4454268	4639084	4667533	4586962	2.52	cps
Bismuth	209-2	2171548	2182497	2203768	2185938	0.75	cps
Boron	10-1	4134	3792	3384	3770	9.96	cps
Boron	11-1	18120	17052	15400	16857	8.13	cps
Cadmium	111-1	1175	1233	1281	1229	4.33	cps
Cadmium	106-1	1533	1667	1717	1639	5.78	cps
Cadmium	108-1	4	25	0	10	137.74	cps
Calcium	43-1	4923523	4901475	4901577	4908858	0.26	cps
Calcium	44-1	77580900	77017104	77511941	77369982	0.40	cps
Chromium	52-2	9243	9296	9053	9197	1.39	cps
Cobalt	59-2	1637	1577	1737	1650	4.90	cps
Copper	63-2	3004	3010	3097	3037	1.72	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	23	7	7	12	78.69	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	47	33	43	41	16.89	cps
Holmium	165-1	6212782	6472408	6479652	6388281	2.38	cps
Holmium	165-2	2847012	2856316	2865969	2856432	0.33	cps
Indium	115-1	3632414	3768482	3772069	3724322	2.14	cps
Indium	115-2	653712	661063	666017	660264	0.94	cps
Iron	56-2	180030426	181199165	182914543	181381378	0.80	cps
Iron	57-2	4432513	4426131	4489692	4449445	0.79	cps
Lead	206-1	6118	6002	6007	6042	1.09	cps
Lead	207-1	5568	5257	5385	5403	2.90	cps
Lead	208-1	24404	24487	24565	24485	0.33	cps
Lithium	6-1	2236948	2312340	2320950	2290079	2.02	cps
Magnesium	24-2	59320347	59589212	60256499	59722019	0.81	cps
Manganese	55-2	2597	2507	2654	2586	2.86	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:09:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2342	2559	2825	2575	9.40	cps
Molybdenum	95-1	4051	4334	4126	4170	3.52	cps
Molybdenum	96-1	4918	4368	4409	4565	6.71	cps
Molybdenum	97-1	2550	2659	2434	2548	4.42	cps
Molybdenum	98-1	6260	6652	6493	6468	3.05	cps
Neodymium	150-1	13	60	67	47	62.28	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	2570	2677	2594	2614	2.15	cps
Phosphorus	31-2	242	142	225	203	26.42	cps
Potassium	39-2	18086223	18177279	18481399	18248300	1.13	cps
Rhodium	103-1	2944787	3059552	3073502	3025947	2.33	cps
Rhodium	103-2	1473070	1475093	1489464	1479209	0.60	cps
Scandium	45-1	2535558	2647408	2684842	2622603	2.96	cps
Scandium	45-2	119231	121279	122666	121058	1.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	9	6	7	31.45	cps
Selenium	82-1	39	-9	33	21	122.53	cps
Silicon	28-1	21174577	21246779	21539056	21320137	0.91	cps
Silver	109-1	308	233	283	275	13.89	cps
Silver	107-1	325	333	292	317	6.96	cps
Sodium	23-2	110105140	110436523	111515694	110685786	0.67	cps
Strontium	86-1	28137	28905	28888	28643	1.53	cps
Strontium	88-1	256366	253738	251719	253941	0.92	cps
Sulfur	34-1	333934	338881	342276	338363	1.24	cps
Terbium	159-1	6132558	6372653	6390793	6298668	2.29	cps
Terbium	159-2	2712079	2717460	2739713	2723084	0.54	cps
Thallium	203-1	1083	942	983	1003	7.26	cps
Thallium	205-1	2384	2225	2109	2239	6.17	cps
Tin	118-1	3267	3409	3175	3284	3.58	cps
Titanium	47-1	642	533	642	606	10.33	cps
Uranium	238-1	1167	867	808	947	20.30	cps
Vanadium	51-2	140	103	140	128	16.56	cps
Yttrium	89-1	3568093	3711546	3721138	3666926	2.34	cps
Yttrium	89-2	497474	500426	505904	501268	0.85	cps
Zinc	66-2	1007	1033	1090	1043	4.08	cps
Zirconium	90-1	817	942	808	856	8.73	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:09:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	192	192	208	13.86	cps

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 12:29:46 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25698	26282	26407	26129	1.45	cps
Antimony	121-1	649991	648424	649066	649161	0.12	cps
Arsenic	75-2	17770	17826	17548	17715	0.83	cps
Barium	135-1	77223	76562	77172	76986	0.48	cps
Barium	137-1	134749	133074	135833	134552	1.03	cps
Beryllium	9-1	146634	145384	144901	145640	0.61	cps
Bismuth	209-1	5580793	5513382	5443886	5512687	1.24	cps
Bismuth	209-2	2620294	2620905	2669689	2636963	1.07	cps
Boron	10-1	92448	93822	96825	94365	2.37	cps
Boron	11-1	412454	422389	426393	420412	1.71	cps
Cadmium	111-1	78195	78855	80426	79159	1.45	cps
Cadmium	106-1	18313	18488	19130	18644	2.31	cps
Cadmium	108-1	9120	9483	8832	9145	3.56	cps
Calcium	43-1	22468	21316	22076	21953	2.67	cps
Calcium	44-1	433052	432396	434875	433441	0.30	cps
Chromium	52-2	96292	95631	95923	95948	0.35	cps
Cobalt	59-2	154122	155210	153364	154232	0.60	cps
Copper	63-2	108951	110315	110748	110005	0.85	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	10	33	13	19	66.81	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	33	47	40	40	16.68	cps
Holmium	165-1	6984792	6945886	6851018	6927232	0.99	cps
Holmium	165-2	3115460	3123047	3171649	3136719	0.97	cps
Indium	115-1	4352800	4308652	4246568	4302673	1.24	cps
Indium	115-2	747371	740092	758224	748562	1.22	cps
Iron	56-2	797783	805948	803217	802316	0.52	cps
Iron	57-2	19513	19664	19764	19647	0.64	cps
Lead	206-1	751623	746627	749837	749362	0.34	cps
Lead	207-1	671733	667512	672334	670526	0.39	cps
Lead	208-1	3074721	3056392	3073335	3068149	0.33	cps
Lithium	6-1	2723951	2705746	2680165	2703287	0.81	cps
Magnesium	24-2	154295	152452	154994	153914	0.85	cps
Manganese	55-2	52848	53386	53440	53225	0.62	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:29:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1403638	1408741	1407497	1406625	0.19	cps
Molybdenum	95-1	752501	753939	749401	751947	0.31	cps
Molybdenum	96-1	978560	970811	969623	972998	0.50	cps
Molybdenum	97-1	475027	471629	473583	473413	0.36	cps
Molybdenum	98-1	1229421	1225335	1229669	1228142	0.20	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	39881	40065	40365	40104	0.61	cps
Phosphorus	31-2	158	67	75	100	50.69	cps
Potassium	39-2	174539	171799	172737	173025	0.80	cps
Rhodium	103-1	3714913	3709214	3668025	3697384	0.69	cps
Rhodium	103-2	1784405	1788490	1815684	1796193	0.95	cps
Scandium	45-1	3030815	2987785	2939726	2986108	1.53	cps
Scandium	45-2	134446	134019	136889	135118	1.15	cps
Selenium	77-2	293	363	357	338	11.44	cps
Selenium	78-2	1222	1206	1180	1203	1.78	cps
Selenium	82-1	8335	8567	8486	8463	1.39	cps
Silicon	28-1	24726353	24800987	24699607	24742316	0.21	cps
Silver	109-1	340632	336597	337297	338175	0.64	cps
Silver	107-1	356214	357590	360179	357994	0.56	cps
Sodium	23-2	488629	486747	487019	487465	0.21	cps
Strontium	86-1	493631	491726	492921	492759	0.20	cps
Strontium	88-1	4388051	4377823	4404304	4390060	0.30	cps
Sulfur	34-1	381322	380021	381021	380788	0.18	cps
Terbium	159-1	6951364	6854593	6799064	6868340	1.12	cps
Terbium	159-2	2975697	2955972	3027169	2986279	1.23	cps
Thallium	203-1	932312	921284	926882	926826	0.59	cps
Thallium	205-1	2256845	2233377	2243128	2244450	0.53	cps
Tin	118-1	1423298	1427316	1418143	1422919	0.32	cps
Titanium	47-1	253286	251549	251712	252182	0.38	cps
Uranium	238-1	10590930	10639293	10688157	10639460	0.46	cps
Vanadium	51-2	79828	80595	79013	79812	0.99	cps
Yttrium	89-1	4139721	4104166	4063000	4102296	0.94	cps
Yttrium	89-2	548919	546961	553968	549949	0.66	cps
Zinc	66-2	30435	30292	30365	30364	0.24	cps
Zirconium	90-1	2662767	2659035	2663264	2661689	0.09	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:29:46	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	593478	593814	595248	594180	0.16	cps

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 12:33:18 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	75	83	97	32.45	cps
Antimony	121-1	3000	2967	2392	2787	12.28	cps
Arsenic	75-2	11	6	6	7	43.24	cps
Barium	135-1	92	50	100	81	33.25	cps
Barium	137-1	100	67	108	92	24.05	cps
Beryllium	9-1	456	300	350	369	21.55	cps
Bismuth	209-1	5496997	5445220	5402360	5448192	0.87	cps
Bismuth	209-2	2618160	2613265	2641284	2624236	0.57	cps
Boron	10-1	2809	2634	2217	2553	11.91	cps
Boron	11-1	11797	11313	9820	10977	9.39	cps
Cadmium	111-1	1378	1303	1292	1324	3.53	cps
Cadmium	106-1	1967	1867	1834	1889	3.67	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	133	50	108	97	43.99	cps
Calcium	44-1	92230	92119	90335	91561	1.16	cps
Chromium	52-2	197	177	127	167	21.63	cps
Cobalt	59-2	77	97	83	86	11.90	cps
Copper	63-2	633	557	537	576	8.87	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	8	0	67	25	145.31	cps
Gadolinium	160-2	13	23	20	19	26.96	cps
Holmium	165-1	6854644	6838568	6826766	6839993	0.20	cps
Holmium	165-2	3088702	3086162	3116482	3097115	0.54	cps
Indium	115-1	4323817	4279079	4265441	4289446	0.71	cps
Indium	115-2	749201	750639	756017	751952	0.48	cps
Iron	56-2	3662	3734	3978	3791	4.38	cps
Iron	57-2	144	94	111	117	21.82	cps
Lead	206-1	444	467	417	443	5.66	cps
Lead	207-1	511	517	422	483	10.96	cps
Lead	208-1	2172	2017	1956	2048	5.45	cps
Lithium	6-1	2684357	2683862	2684574	2684264	0.01	cps
Magnesium	24-2	967	1225	1175	1122	12.21	cps
Manganese	55-2	83	57	53	64	25.51	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:33:18	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	583	575	589	2.95	cps
Molybdenum	95-1	517	483	425	475	9.77	cps
Molybdenum	96-1	592	558	533	561	5.22	cps
Molybdenum	97-1	283	417	267	322	25.52	cps
Molybdenum	98-1	825	767	758	783	4.64	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	97	83	91	7.62	cps
Phosphorus	31-2	225	167	117	169	32.00	cps
Potassium	39-2	21049	20507	20749	20768	1.31	cps
Rhodium	103-1	3669844	3649940	3632041	3650609	0.52	cps
Rhodium	103-2	1794616	1789380	1801035	1795010	0.33	cps
Scandium	45-1	2964026	2954143	2946889	2955019	0.29	cps
Scandium	45-2	133828	133928	135160	134305	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	9	15	12	22.89	cps
Selenium	82-1	-5	-38	-1	-14	-142.41	cps
Silicon	28-1	23748849	23603217	23759868	23703978	0.37	cps
Silver	109-1	58	100	58	72	33.31	cps
Silver	107-1	83	67	83	78	12.37	cps
Sodium	23-2	16468	15734	16902	16368	3.61	cps
Strontium	86-1	167	233	167	189	20.37	cps
Strontium	88-1	183	217	175	192	11.50	cps
Sulfur	34-1	382433	381710	380132	381425	0.31	cps
Terbium	159-1	6807832	6769357	6734522	6770570	0.54	cps
Terbium	159-2	2936639	2952273	2969794	2952902	0.56	cps
Thallium	203-1	192	167	217	192	13.04	cps
Thallium	205-1	433	517	400	450	13.35	cps
Tin	118-1	1458	1759	1525	1581	9.97	cps
Titanium	47-1	108	100	108	106	4.56	cps
Uranium	238-1	617	367	400	461	29.44	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	4070948	4054664	4035301	4053638	0.44	cps
Yttrium	89-2	543194	544430	551888	546504	0.86	cps
Zinc	66-2	293	300	233	276	13.32	cps
Zirconium	90-1	717	742	667	708	5.39	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:33:18	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	142	167	178	24.06	cps

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 12:36:51 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4606646	4596994	4624539	4609393	0.30	cps
Antimony	121-1	4934	4901	5443	5093	5.96	cps
Arsenic	75-2	31	35	41	36	13.02	cps
Barium	135-1	1183	1133	1275	1197	6.00	cps
Barium	137-1	1875	1967	2450	2097	14.73	cps
Beryllium	9-1	644	567	733	648	12.87	cps
Bismuth	209-1	5259514	5401289	5290573	5317125	1.40	cps
Bismuth	209-2	2454140	2469201	2468566	2463969	0.35	cps
Boron	10-1	1275	1283	1192	1250	4.06	cps
Boron	11-1	6218	5693	5476	5796	6.58	cps
Cadmium	111-1	1754	1904	1711	1789	5.67	cps
Cadmium	106-1	1959	1900	1825	1895	3.53	cps
Cadmium	108-1	1179	1038	1263	1160	9.81	cps
Calcium	43-1	995215	995712	997381	996103	0.11	cps
Calcium	44-1	15868585	15932863	15931460	15910969	0.23	cps
Chromium	52-2	19356	18478	18595	18810	2.53	cps
Cobalt	59-2	1657	1717	1787	1720	3.78	cps
Copper	63-2	8883	8793	8743	8806	0.81	cps
Dysprosium	156-1	8	58	8	25	115.49	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	27	23	10	20	44.10	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	20	37	37	31	30.93	cps
Holmium	165-1	6976296	7215796	7051522	7081204	1.73	cps
Holmium	165-2	3101890	3121378	3112723	3111997	0.31	cps
Indium	115-1	4228078	4349933	4275791	4284601	1.43	cps
Indium	115-2	730847	730503	736837	732729	0.49	cps
Iron	56-2	76639216	76275343	76450124	76454894	0.24	cps
Iron	57-2	1853948	1852830	1859409	1855396	0.19	cps
Lead	206-1	17807	18285	18057	18050	1.33	cps
Lead	207-1	14136	14670	13969	14258	2.57	cps
Lead	208-1	68521	68831	68253	68535	0.42	cps
Lithium	6-1	2622921	2649732	2618237	2630297	0.65	cps
Magnesium	24-2	12423520	12413288	12439563	12425457	0.11	cps
Manganese	55-2	4017	4024	4027	4023	0.13	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:36:51	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1494207	1503973	1509208	1502463	0.51	cps
Molybdenum	95-1	2667351	2665811	2664029	2665730	0.06	cps
Molybdenum	96-1	2854231	2871240	2871012	2865494	0.34	cps
Molybdenum	97-1	1655501	1672322	1668642	1665489	0.53	cps
Molybdenum	98-1	4343025	4383152	4396115	4374097	0.63	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	2037	1937	2060	2011	3.26	cps
Phosphorus	31-2	205868	205489	204424	205260	0.36	cps
Potassium	39-2	7541464	7515709	7553463	7536879	0.26	cps
Rhodium	103-1	3452058	3517822	3464616	3478165	1.00	cps
Rhodium	103-2	1680345	1674139	1680858	1678447	0.22	cps
Scandium	45-1	2883081	2930084	2875731	2896299	1.02	cps
Scandium	45-2	128296	128972	128279	128516	0.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	17	9	6	10	53.90	cps
Selenium	82-1	36	-10	10	12	193.81	cps
Silicon	28-1	23546210	23747066	23642561	23645279	0.42	cps
Silver	109-1	383	650	492	508	26.38	cps
Silver	107-1	642	625	767	678	11.43	cps
Sodium	23-2	23082882	23194546	23226256	23167895	0.33	cps
Strontium	86-1	30091	30057	31369	30506	2.45	cps
Strontium	88-1	263722	265684	267813	265740	0.77	cps
Sulfur	34-1	1996323	1992045	1991605	1993324	0.13	cps
Terbium	159-1	6864478	7075625	6948693	6962932	1.53	cps
Terbium	159-2	2950203	2960793	2977684	2962894	0.47	cps
Thallium	203-1	600	583	500	561	9.55	cps
Thallium	205-1	1609	1400	1300	1436	10.95	cps
Tin	118-1	1092	1175	1258	1175	7.09	cps
Titanium	47-1	901899	906229	900385	902838	0.34	cps
Uranium	238-1	558	450	508	506	10.72	cps
Vanadium	51-2	130	163	147	147	11.37	cps
Yttrium	89-1	4021156	4121233	4041661	4061350	1.30	cps
Yttrium	89-2	529643	531861	538230	533244	0.84	cps
Zinc	66-2	1917	1930	1883	1910	1.26	cps
Zirconium	90-1	1458	1492	1225	1392	10.44	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:36:51	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	200	217	233	18.90	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:40:22	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4610661	4491955	4627139	4576585	1.61	cps
Antimony	121-1	73049	72454	72739	72747	0.41	cps
Arsenic	75-2	1732	1650	1722	1701	2.62	cps
Barium	135-1	17019	17270	16752	17014	1.52	cps
Barium	137-1	30301	31019	29716	30345	2.15	cps
Beryllium	9-1	29841	29201	30219	29754	1.73	cps
Bismuth	209-1	5362114	5381887	5371934	5371979	0.18	cps
Bismuth	209-2	2430983	2373302	2390285	2398190	1.24	cps
Boron	10-1	10596	11038	11013	10882	2.28	cps
Boron	11-1	46824	47592	48645	47687	1.92	cps
Cadmium	111-1	16878	16810	16506	16731	1.18	cps
Cadmium	106-1	4151	4042	4117	4104	1.35	cps
Cadmium	108-1	2475	2559	2717	2584	4.75	cps
Calcium	43-1	1027647	1026105	1023034	1025595	0.23	cps
Calcium	44-1	16369922	16432478	16490619	16431006	0.37	cps
Chromium	52-2	37448	36706	37598	37250	1.28	cps
Cobalt	59-2	31220	30826	31434	31160	0.99	cps
Copper	63-2	29647	29450	29089	29395	0.96	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	33	83	75	64	41.93	cps
Gadolinium	160-2	33	37	50	40	22.05	cps
Holmium	165-1	7150978	7203656	7217188	7190607	0.49	cps
Holmium	165-2	3066983	2987621	3017457	3024020	1.33	cps
Indium	115-1	4331356	4371655	4356934	4353315	0.47	cps
Indium	115-2	725338	703179	705586	711368	1.71	cps
Iron	56-2	76733660	75322768	76826238	76294222	1.10	cps
Iron	57-2	1861384	1822643	1864829	1849619	1.27	cps
Lead	206-1	94953	95020	96195	95389	0.73	cps
Lead	207-1	81247	81694	81744	81562	0.34	cps
Lead	208-1	374326	377648	377914	376630	0.53	cps
Lithium	6-1	2677547	2665031	2664832	2669136	0.27	cps
Magnesium	24-2	12434495	12245441	12525142	12401693	1.15	cps
Manganese	55-2	14471	13983	14637	14364	2.37	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:40:22	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1688777	1686736	1686304	1687273	0.08	cps
Molybdenum	95-1	2799462	2836971	2818839	2818424	0.67	cps
Molybdenum	96-1	3043803	3058210	3041451	3047822	0.30	cps
Molybdenum	97-1	1760013	1769837	1752447	1760765	0.50	cps
Molybdenum	98-1	4604758	4640078	4634657	4626498	0.41	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	9787	9607	9697	9697	0.93	cps
Phosphorus	31-2	202767	197497	205733	201999	2.06	cps
Potassium	39-2	7539223	7392581	7566538	7499448	1.25	cps
Rhodium	103-1	3537145	3541919	3531778	3536947	0.14	cps
Rhodium	103-2	1672096	1620674	1639403	1644057	1.58	cps
Scandium	45-1	2944837	2971854	2957239	2957977	0.46	cps
Scandium	45-2	128667	123755	125857	126093	1.95	cps
Selenium	77-2	43	23	33	33	30.00	cps
Selenium	78-2	94	135	159	130	25.27	cps
Selenium	82-1	889	888	837	871	3.40	cps
Silicon	28-1	24763426	25044800	25047609	24951945	0.65	cps
Silver	109-1	65310	64800	64674	64928	0.52	cps
Silver	107-1	66682	68994	67511	67729	1.73	cps
Sodium	23-2	23280156	22823754	23450257	23184722	1.40	cps
Strontium	86-1	83132	81188	83182	82501	1.38	cps
Strontium	88-1	726788	729056	719635	725159	0.68	cps
Sulfur	34-1	2035566	2046258	2046206	2042677	0.30	cps
Terbium	159-1	7056268	7082323	7108292	7082295	0.37	cps
Terbium	159-2	2932571	2845089	2870454	2882704	1.56	cps
Thallium	203-1	93394	94895	95265	94518	1.05	cps
Thallium	205-1	227880	228033	228898	228270	0.24	cps
Tin	118-1	146457	147010	147011	146826	0.22	cps
Titanium	47-1	954088	957073	954937	955366	0.16	cps
Uranium	238-1	1038933	1035236	1040555	1038241	0.26	cps
Vanadium	51-2	15792	15201	15732	15575	2.09	cps
Yttrium	89-1	4119185	4139629	4123997	4127604	0.26	cps
Yttrium	89-2	529085	515299	518628	521004	1.38	cps
Zinc	66-2	4674	4694	4681	4683	0.22	cps
Zirconium	90-1	273226	271553	273412	272730	0.38	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:40:22	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	61005	62194	61114	61438	1.07	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:43:53	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2616191	2644304	2656718	2639071	0.79	cps
Antimony	121-1	1689005	1703577	1708790	1700457	0.60	cps
Arsenic	75-2	44241	44919	44650	44603	0.77	cps
Barium	135-1	2028986	2020559	2015931	2021825	0.33	cps
Barium	137-1	3577625	3573953	3570545	3574041	0.10	cps
Beryllium	9-1	732238	743141	738257	737879	0.74	cps
Bismuth	209-1	5371807	4929024	5107951	5136261	4.34	cps
Bismuth	209-2	2352980	2421463	2322931	2365791	2.13	cps
Boron	10-1	87519	91082	90135	89578	2.06	cps
Boron	11-1	402589	411398	409716	407901	1.15	cps
Cadmium	111-1	371133	369481	367768	369461	0.46	cps
Cadmium	106-1	44228	44287	44120	44212	0.19	cps
Cadmium	108-1	29093	29702	29443	29413	1.04	cps
Calcium	43-1	2753778	2774869	2766020	2764889	0.38	cps
Calcium	44-1	43661093	43929513	43673066	43754557	0.35	cps
Chromium	52-2	504275	504276	506768	505106	0.28	cps
Cobalt	59-2	759031	759512	762955	760499	0.28	cps
Copper	63-2	1047309	1045764	1052276	1048450	0.32	cps
Dysprosium	156-1	33	125	75	78	59.02	cps
Dysprosium	156-2	20	23	20	21	9.11	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	25	83	17	42	87.18	cps
Gadolinium	160-2	47	40	17	34	45.73	cps
Holmium	165-1	7210603	6729655	7009753	6983337	3.46	cps
Holmium	165-2	3040707	3101114	3004023	3048615	1.61	cps
Indium	115-1	4328888	3985711	4164403	4159668	4.13	cps
Indium	115-2	698276	718514	696538	704443	1.73	cps
Iron	56-2	98857349	99450072	99440152	99249191	0.34	cps
Iron	57-2	2411423	2402210	2425870	2413168	0.49	cps
Lead	206-1	1888184	1878101	1886869	1884385	0.29	cps
Lead	207-1	1746486	1749983	1745952	1747474	0.13	cps
Lead	208-1	7872398	7875341	7873685	7873808	0.02	cps
Lithium	6-1	2703745	2531926	2619236	2618302	3.28	cps
Magnesium	24-2	33904471	34157899	34191238	34084536	0.46	cps
Manganese	55-2	547653	552854	552557	551021	0.53	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:43:53	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3012044	3017221	3003574	3010947	0.23	cps
Molybdenum	95-1	3634130	3651638	3632705	3639491	0.29	cps
Molybdenum	96-1	4082134	4090791	4076589	4083171	0.18	cps
Molybdenum	97-1	2287150	2295949	2283797	2288965	0.27	cps
Molybdenum	98-1	6096447	6149466	6114813	6120242	0.44	cps
Neodymium	150-1	180	113	127	140	25.20	cps
Neodymium	150-2	10	23	23	19	40.75	cps
Nickel	60-2	194760	194575	194233	194523	0.14	cps
Phosphorus	31-2	21950	22192	22267	22137	0.75	cps
Potassium	39-2	10100425	10200958	10273661	10191681	0.85	cps
Rhodium	103-1	3526471	3268514	3401818	3398935	3.80	cps
Rhodium	103-2	1626187	1655554	1602475	1628072	1.63	cps
Scandium	45-1	3057633	2821038	2929370	2936014	4.03	cps
Scandium	45-2	132045	134461	129180	131895	2.00	cps
Selenium	77-2	777	933	757	822	11.77	cps
Selenium	78-2	2810	2743	2939	2831	3.53	cps
Selenium	82-1	20891	20824	20783	20832	0.26	cps
Silicon	28-1	26272268	26303512	26342302	26306027	0.13	cps
Silver	109-1	1671103	1662452	1655635	1663063	0.47	cps
Silver	107-1	1735262	1736606	1737641	1736503	0.07	cps
Sodium	23-2	62203570	62760033	62690210	62551271	0.48	cps
Strontium	86-1	490955	496228	489974	492386	0.68	cps
Strontium	88-1	4352712	4373208	4366760	4364226	0.24	cps
Sulfur	34-1	557773	561237	557579	558863	0.37	cps
Terbium	159-1	7159149	6633025	6901042	6897739	3.81	cps
Terbium	159-2	2885094	2948835	2861019	2898316	1.57	cps
Thallium	203-1	2311276	2305752	2303615	2306881	0.17	cps
Thallium	205-1	5651860	5651503	5652602	5651988	0.01	cps
Tin	118-1	1338124	1334360	1343125	1338536	0.33	cps
Titanium	47-1	1180746	1192149	1180159	1184351	0.57	cps
Uranium	238-1	9680479	9778649	9706177	9721768	0.52	cps
Vanadium	51-2	420493	420250	421205	420649	0.12	cps
Yttrium	89-1	4217606	3910960	4066229	4064932	3.77	cps
Yttrium	89-2	534671	545934	526340	535648	1.84	cps
Zinc	66-2	143014	142392	142389	142599	0.25	cps
Zirconium	90-1	2566496	2602199	2584642	2584446	0.69	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:43:53	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575254	578779	579036	577690	0.37	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:47:25	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	108	89	23.59	cps
Antimony	121-1	6143	5235	5151	5510	9.99	cps
Arsenic	75-2	17	9	13	13	28.58	cps
Barium	135-1	83	83	42	69	34.64	cps
Barium	137-1	92	200	67	119	59.34	cps
Beryllium	9-1	617	672	661	650	4.52	cps
Bismuth	209-1	5738946	5534861	5644691	5639499	1.81	cps
Bismuth	209-2	2598827	2596941	2603377	2599715	0.13	cps
Boron	10-1	2067	2059	1734	1953	9.74	cps
Boron	11-1	9653	9145	8528	9109	6.19	cps
Cadmium	111-1	1408	1215	1351	1325	7.49	cps
Cadmium	106-1	1992	1700	1917	1870	8.10	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	108	142	100	117	18.90	cps
Calcium	44-1	104778	102764	104032	103858	0.98	cps
Chromium	52-2	170	200	160	177	11.78	cps
Cobalt	59-2	97	80	100	92	11.62	cps
Copper	63-2	683	780	693	719	7.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Holmium	165-1	7225267	7010007	7130365	7121880	1.51	cps
Holmium	165-2	3065340	3085479	3104109	3084976	0.63	cps
Indium	115-1	4472739	4359327	4436224	4422763	1.31	cps
Indium	115-2	753055	753081	754093	753410	0.08	cps
Iron	56-2	7936	8058	7663	7886	2.56	cps
Iron	57-2	222	300	228	250	17.36	cps
Lead	206-1	1178	822	1106	1035	18.16	cps
Lead	207-1	1050	883	867	933	10.86	cps
Lead	208-1	4895	3956	4323	4391	10.78	cps
Lithium	6-1	2804587	2770051	2800315	2791651	0.67	cps
Magnesium	24-2	1325	1400	1142	1289	10.31	cps
Manganese	55-2	47	67	87	67	30.00	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:47:25	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1075	1000	975	1017	5.12	cps
Molybdenum	95-1	1734	1483	1367	1528	12.26	cps
Molybdenum	96-1	1433	1517	1392	1447	4.40	cps
Molybdenum	97-1	958	892	808	886	8.48	cps
Molybdenum	98-1	2584	2217	2242	2348	8.73	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	90	93	80	25.34	cps
Phosphorus	31-2	108	158	175	147	23.57	cps
Potassium	39-2	27009	26583	26733	26775	0.81	cps
Rhodium	103-1	3824394	3720703	3784379	3776492	1.38	cps
Rhodium	103-2	1808804	1810748	1816420	1811991	0.22	cps
Scandium	45-1	3066603	2982031	3031913	3026849	1.40	cps
Scandium	45-2	134530	134870	134886	134762	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	19	9	91.66	cps
Selenium	82-1	-1	7	10	5	102.93	cps
Silicon	28-1	26153925	26141543	25878149	26057872	0.60	cps
Silver	109-1	158	217	117	164	30.65	cps
Silver	107-1	225	258	142	208	28.85	cps
Sodium	23-2	32378	32703	32377	32486	0.58	cps
Strontium	86-1	150	117	150	139	13.86	cps
Strontium	88-1	167	175	183	175	4.76	cps
Sulfur	34-1	399159	397733	398595	398496	0.18	cps
Terbium	159-1	7134134	6937774	7070382	7047430	1.42	cps
Terbium	159-2	2946887	2949315	2957370	2951191	0.19	cps
Thallium	203-1	792	783	717	764	5.38	cps
Thallium	205-1	2200	2034	1659	1964	14.13	cps
Tin	118-1	1367	1108	1192	1222	10.79	cps
Titanium	47-1	242	117	192	183	34.32	cps
Uranium	238-1	367	525	333	408	25.08	cps
Vanadium	51-2	17	3	7	9	78.08	cps
Yttrium	89-1	4217712	4125872	4192535	4178707	1.14	cps
Yttrium	89-2	547335	549343	550896	549191	0.33	cps
Zinc	66-2	300	260	280	280	7.14	cps
Zirconium	90-1	867	708	667	747	14.12	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:47:25	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	183	172	7.39	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:50:56	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092	1175	1283	1183	8.12	cps
Antimony	121-1	8186	7744	8378	8103	4.01	cps
Arsenic	75-2	109	107	80	99	16.81	cps
Barium	135-1	8186	8069	7702	7986	3.16	cps
Barium	137-1	13174	13174	13382	13243	0.91	cps
Beryllium	9-1	1889	1978	1900	1922	2.52	cps
Bismuth	209-1	5706563	5741800	5591115	5679826	1.39	cps
Bismuth	209-2	2618076	2615371	2591901	2608449	0.55	cps
Boron	10-1	4609	4901	4959	4823	3.89	cps
Boron	11-1	22050	23144	22660	22618	2.42	cps
Cadmium	111-1	2077	2124	2308	2170	5.63	cps
Cadmium	106-1	2067	2084	2117	2089	1.22	cps
Cadmium	108-1	88	92	88	89	2.71	cps
Calcium	43-1	5259	5301	5593	5385	3.37	cps
Calcium	44-1	186106	186054	187642	186601	0.48	cps
Chromium	52-2	2147	2150	2214	2170	1.73	cps
Cobalt	59-2	1673	1623	1713	1670	2.70	cps
Copper	63-2	2827	2894	3057	2926	4.05	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	23	13	13	17	34.65	cps
Holmium	165-1	7206569	7243518	7132785	7194291	0.78	cps
Holmium	165-2	3088998	3109579	3082566	3093714	0.46	cps
Indium	115-1	4486808	4512556	4415258	4471540	1.13	cps
Indium	115-2	753804	759050	753180	755344	0.43	cps
Iron	56-2	47717	47516	47923	47718	0.43	cps
Iron	57-2	1206	1400	1172	1259	9.77	cps
Lead	206-1	4718	4934	4684	4779	2.84	cps
Lead	207-1	4167	4168	4284	4206	1.60	cps
Lead	208-1	19250	19245	19412	19302	0.49	cps
Lithium	6-1	2811569	2834800	2811593	2819321	0.48	cps
Magnesium	24-2	65795	64556	66112	65488	1.26	cps
Manganese	55-2	690	597	620	636	7.64	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:50:56	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5801	6410	6177	6129	5.01	cps
Molybdenum	95-1	7244	7177	7552	7324	2.73	cps
Molybdenum	96-1	8019	8353	8461	8278	2.78	cps
Molybdenum	97-1	4384	4651	4726	4587	3.92	cps
Molybdenum	98-1	11906	12081	11730	11905	1.47	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	467	580	497	514	11.41	cps
Phosphorus	31-2	217	108	125	150	38.89	cps
Potassium	39-2	62290	62482	61629	62134	0.72	cps
Rhodium	103-1	3812377	3822720	3746618	3793905	1.09	cps
Rhodium	103-2	1815184	1828505	1809445	1817711	0.54	cps
Scandium	45-1	3080240	3121172	3050385	3083932	1.15	cps
Scandium	45-2	136220	137434	134888	136180	0.94	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	54	56	22	44	42.75	cps
Selenium	82-1	161	153	172	162	6.07	cps
Silicon	28-1	26440662	26185591	26110658	26245637	0.66	cps
Silver	109-1	3576	3976	3642	3731	5.74	cps
Silver	107-1	3434	3884	3867	3728	6.85	cps
Sodium	23-2	145676	147056	145204	145979	0.66	cps
Strontium	86-1	1083	1142	992	1072	7.05	cps
Strontium	88-1	8161	8086	8203	8150	0.73	cps
Sulfur	34-1	408108	405388	402556	405351	0.68	cps
Terbium	159-1	7103876	7172018	7066805	7114233	0.75	cps
Terbium	159-2	2959850	2964172	2949156	2957726	0.26	cps
Thallium	203-1	5034	5026	5068	5043	0.44	cps
Thallium	205-1	12023	12014	11664	11900	1.72	cps
Tin	118-1	13674	13574	13182	13477	1.93	cps
Titanium	47-1	2142	2442	2350	2311	6.65	cps
Uranium	238-1	17237	17796	17763	17599	1.78	cps
Vanadium	51-2	4071	4074	4117	4087	0.64	cps
Yttrium	89-1	4241440	4276108	4192643	4236730	0.99	cps
Yttrium	89-2	549673	554216	550089	551326	0.46	cps
Zinc	66-2	737	647	720	701	6.83	cps
Zirconium	90-1	5860	5885	5618	5788	2.55	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 12:50:56	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1417	1417	1467	1433	2.01	cps

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : PB104658BL Instrumnet Name : P7
 Client Sample ID : PB104658BL Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 13:16:02 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	25	42	34.64	cps
Antimony	121-1	433	483	442	453	5.92	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	25	67	83	58	51.51	cps
Barium	137-1	75	83	108	89	19.52	cps
Beryllium	9-1	183	172	211	189	10.60	cps
Bismuth	209-1	5901713	5688801	6020552	5870355	2.86	cps
Bismuth	209-2	2660272	2674458	2784055	2706261	2.50	cps
Boron	10-1	342	342	275	319	12.05	cps
Boron	11-1	1625	1417	1583	1542	7.15	cps
Cadmium	111-1	1355	1333	1496	1395	6.36	cps
Cadmium	106-1	1950	1909	2142	2000	6.22	cps
Cadmium	108-1	21	4	4	10	98.92	cps
Calcium	43-1	142	117	92	117	21.43	cps
Calcium	44-1	99602	99325	98678	99201	0.48	cps
Chromium	52-2	190	160	193	181	10.14	cps
Cobalt	59-2	63	70	53	62	13.48	cps
Copper	63-2	487	480	533	500	5.81	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	37	17	20	24	43.83	cps
Holmium	165-1	7432650	7280424	7578968	7430681	2.01	cps
Holmium	165-2	3186771	3194922	3293604	3225099	1.84	cps
Indium	115-1	4712661	4583533	4770385	4688860	2.04	cps
Indium	115-2	781612	784049	813968	793210	2.27	cps
Iron	56-2	3856	4245	3962	4021	5.00	cps
Iron	57-2	139	111	122	124	11.26	cps
Lead	206-1	422	361	444	409	10.54	cps
Lead	207-1	317	383	350	350	9.52	cps
Lead	208-1	1600	1561	1661	1607	3.14	cps
Lithium	6-1	2952023	2883316	2997824	2944388	1.96	cps
Magnesium	24-2	1625	1650	1767	1681	4.50	cps
Manganese	55-2	50	67	37	51	29.41	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BL	Instrumnet Name :	P7
Client Sample ID :	PB104658BL	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:16:02	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	167	242	178	33.26	cps
Molybdenum	95-1	75	133	150	119	32.97	cps
Molybdenum	96-1	233	75	100	136	62.54	cps
Molybdenum	97-1	92	83	75	83	10.00	cps
Molybdenum	98-1	167	192	208	189	11.10	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	130	80	99	27.45	cps
Phosphorus	31-2	158	175	225	186	18.64	cps
Potassium	39-2	22835	21358	22259	22151	3.36	cps
Rhodium	103-1	4044410	3892359	4096024	4010931	2.64	cps
Rhodium	103-2	1890368	1897134	1953397	1913633	1.81	cps
Scandium	45-1	3278441	3174709	3345890	3266347	2.64	cps
Scandium	45-2	141175	140142	146971	142763	2.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	9	9	10	10.81	cps
Selenium	82-1	-7	15	-33	-8	-287.68	cps
Silicon	28-1	26553509	26526091	26293923	26457841	0.54	cps
Silver	109-1	58	42	33	44	28.65	cps
Silver	107-1	58	33	83	58	42.86	cps
Sodium	23-2	18070	18412	18203	18228	0.95	cps
Strontium	86-1	150	192	208	183	16.39	cps
Strontium	88-1	117	83	142	114	25.69	cps
Sulfur	34-1	423185	427312	421776	424091	0.68	cps
Terbium	159-1	7396739	7184187	7515617	7365514	2.28	cps
Terbium	159-2	3039631	3073240	3152584	3088485	1.88	cps
Thallium	203-1	133	192	175	167	18.03	cps
Thallium	205-1	317	433	400	383	15.68	cps
Tin	118-1	450	442	383	425	8.55	cps
Titanium	47-1	92	75	125	97	26.19	cps
Uranium	238-1	108	58	92	86	29.56	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	4490903	4351923	4562002	4468276	2.39	cps
Yttrium	89-2	575530	574485	595273	581763	2.01	cps
Zinc	66-2	313	247	263	274	12.64	cps
Zirconium	90-1	350	342	425	372	12.33	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BL	Instrumnet Name :	P7
Client Sample ID :	PB104658BL	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:16:02	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	42	42	61	55.11	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BS	Instrumnet Name :	P7
Client Sample ID :	PB104658BS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:19:34	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	538362	539437	536038	537946	0.32	cps
Antimony	121-1	1787295	1779326	1792115	1786245	0.36	cps
Arsenic	75-2	46593	47533	47613	47246	1.20	cps
Barium	135-1	2094281	2066111	2072069	2077487	0.71	cps
Barium	137-1	3707103	3681815	3691226	3693382	0.35	cps
Beryllium	9-1	778770	775582	771086	775146	0.50	cps
Bismuth	209-1	5722642	5666756	5508085	5632494	1.98	cps
Bismuth	209-2	2567140	2595230	2570916	2577762	0.59	cps
Boron	10-1	92448	93471	93345	93088	0.60	cps
Boron	11-1	408707	417282	419140	415043	1.34	cps
Cadmium	111-1	402408	401031	397627	400355	0.61	cps
Cadmium	106-1	47147	46619	45432	46399	1.89	cps
Cadmium	108-1	32254	31218	31765	31746	1.63	cps
Calcium	43-1	567144	564123	564471	565246	0.29	cps
Calcium	44-1	9115557	9041091	9044639	9067096	0.46	cps
Chromium	52-2	519938	522520	518095	520185	0.43	cps
Cobalt	59-2	814850	816073	810991	813971	0.33	cps
Copper	63-2	1150344	1148683	1140156	1146394	0.48	cps
Dysprosium	156-1	33	67	67	56	34.65	cps
Dysprosium	156-2	13	27	20	20	33.35	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	30	27	30	29	6.65	cps
Holmium	165-1	7400064	7376542	7204340	7326982	1.46	cps
Holmium	165-2	3152976	3216790	3189366	3186377	1.00	cps
Indium	115-1	4608523	4528614	4415546	4517561	2.15	cps
Indium	115-2	749551	762470	760144	757388	0.91	cps
Iron	56-2	21453363	21501793	21373431	21442862	0.30	cps
Iron	57-2	518914	519073	520489	519492	0.17	cps
Lead	206-1	1963055	1950425	1966339	1959940	0.43	cps
Lead	207-1	1818422	1823021	1818303	1819915	0.15	cps
Lead	208-1	8207513	8208205	8191072	8202263	0.12	cps
Lithium	6-1	2893975	2863483	2794620	2850693	1.79	cps
Magnesium	24-2	6992236	6969494	6975878	6979203	0.17	cps
Manganese	55-2	574609	575941	577817	576123	0.28	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BS	Instrumnet Name :	P7
Client Sample ID :	PB104658BS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:19:34	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3109479	3108186	3116674	3111447	0.15	cps
Molybdenum	95-1	3794565	3775562	3765620	3778582	0.39	cps
Molybdenum	96-1	4243002	4221412	4195840	4220085	0.56	cps
Molybdenum	97-1	2369865	2347428	2348847	2355380	0.53	cps
Molybdenum	98-1	6345058	6320731	6302805	6322865	0.34	cps
Neodymium	150-1	133	193	147	158	19.97	cps
Neodymium	150-2	20	10	7	12	56.76	cps
Nickel	60-2	208685	211186	209061	209644	0.64	cps
Phosphorus	31-2	22100	23127	23386	22871	2.97	cps
Potassium	39-2	2106157	2108958	2098701	2104605	0.25	cps
Rhodium	103-1	3850007	3803840	3698400	3784082	2.05	cps
Rhodium	103-2	1786301	1808824	1790923	1795349	0.66	cps
Scandium	45-1	3229344	3193950	3088966	3170753	2.30	cps
Scandium	45-2	137145	139714	137514	138124	1.01	cps
Selenium	77-2	873	873	833	860	2.69	cps
Selenium	78-2	2969	3095	3039	3034	2.08	cps
Selenium	82-1	22798	22579	22351	22576	0.99	cps
Silicon	28-1	27002605	26736019	26835814	26858146	0.50	cps
Silver	109-1	1827799	1815285	1816329	1819804	0.38	cps
Silver	107-1	1901496	1894381	1893696	1896524	0.23	cps
Sodium	23-2	12856558	12831643	12882948	12857050	0.20	cps
Strontium	86-1	493724	497557	494075	495119	0.43	cps
Strontium	88-1	4406689	4400902	4388606	4398732	0.21	cps
Sulfur	34-1	598373	587231	581762	589122	1.44	cps
Terbium	159-1	7338385	7267283	7079189	7228286	1.85	cps
Terbium	159-2	3004764	3063596	3030670	3033010	0.97	cps
Thallium	203-1	2404767	2380447	2398605	2394606	0.53	cps
Thallium	205-1	5874821	5830750	5878952	5861508	0.46	cps
Tin	118-1	1397647	1396161	1395978	1396595	0.07	cps
Titanium	47-1	1240140	1228304	1235818	1234754	0.49	cps
Uranium	238-1	9701085	9612038	9751524	9688215	0.73	cps
Vanadium	51-2	435580	433332	434384	434432	0.26	cps
Yttrium	89-1	4418020	4387417	4279259	4361565	1.67	cps
Yttrium	89-2	556743	567963	563670	562792	1.01	cps
Zinc	66-2	156683	157135	157522	157113	0.27	cps
Zirconium	90-1	2680510	2654968	2672268	2669249	0.49	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	PB104658BS	Instrumnet Name :	P7
Client Sample ID :	PB104658BS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:19:34	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	594619	592923	598110	595217	0.44	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01	Instrumnet Name :	P7
Client Sample ID :	S49-0442	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:23:37	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	183	175	211	26.28	cps
Antimony	121-1	17578	14758	12189	14842	18.16	cps
Arsenic	75-2	539	543	496	526	4.89	cps
Barium	135-1	172095	169176	164816	168696	2.17	cps
Barium	137-1	299393	300562	292532	297496	1.46	cps
Beryllium	9-1	394	533	483	470	14.96	cps
Bismuth	209-1	5462935	5411007	5267992	5380645	1.88	cps
Bismuth	209-2	2210144	2169952	2182989	2187695	0.94	cps
Boron	10-1	4409	4693	4376	4493	3.87	cps
Boron	11-1	22284	20690	19488	20821	6.74	cps
Cadmium	111-1	1651	1268	1384	1434	13.68	cps
Cadmium	106-1	1950	1508	1700	1720	12.88	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	4895587	4831721	4654934	4794081	2.60	cps
Calcium	44-1	76633006	76330791	73269220	75411006	2.47	cps
Chromium	52-2	1037	850	923	937	10.04	cps
Cobalt	59-2	187	183	143	171	14.09	cps
Copper	63-2	9020	9760	9920	9567	5.02	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	58	33	58	50	28.86	cps
Gadolinium	160-2	30	27	37	31	16.37	cps
Holmium	165-1	6918634	6971368	6896551	6928851	0.55	cps
Holmium	165-2	2716949	2676236	2697245	2696810	0.75	cps
Indium	115-1	4582033	4426462	4271692	4426729	3.51	cps
Indium	115-2	631911	615700	613047	620219	1.65	cps
Iron	56-2	1145348	1117534	1100635	1121172	2.01	cps
Iron	57-2	33294	32587	31579	32486	2.65	cps
Lead	206-1	2172	2161	1889	2074	7.74	cps
Lead	207-1	1972	1739	1767	1826	6.98	cps
Lead	208-1	9396	8868	7968	8744	8.26	cps
Lithium	6-1	3137126	3199481	3191065	3175891	1.07	cps
Magnesium	24-2	16415647	15787918	15544973	15916179	2.82	cps
Manganese	55-2	813939	788473	778973	793795	2.28	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01	Instrumnet Name :	P7
Client Sample ID :	S49-0442	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:23:37	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1375	1392	1292	1353	3.96	cps
Molybdenum	95-1	1592	1584	1492	1556	3.57	cps
Molybdenum	96-1	1950	1834	1575	1786	10.75	cps
Molybdenum	97-1	1475	1200	1642	1439	15.50	cps
Molybdenum	98-1	2609	2625	2667	2634	1.14	cps
Neodymium	150-1	73	120	67	87	33.53	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	187	210	200	199	5.89	cps
Phosphorus	31-2	183	183	150	172	11.17	cps
Potassium	39-2	569916	548342	530615	549624	3.58	cps
Rhodium	103-1	3281524	3269510	3196911	3249315	1.41	cps
Rhodium	103-2	1411576	1391490	1393593	1398886	0.79	cps
Scandium	45-1	2757314	2724219	2651346	2710960	2.00	cps
Scandium	45-2	105331	101783	101125	102746	2.20	cps
Selenium	77-2	10	0	17	9	94.38	cps
Selenium	78-2	9	9	9	9	0.00	cps
Selenium	82-1	-166	-357	-346	-289	-36.97	cps
Silicon	28-1	37207174	35925819	34399824	35844272	3.92	cps
Silver	109-1	3467	2900	2542	2970	15.71	cps
Silver	107-1	3676	3217	2700	3198	15.26	cps
Sodium	23-2	58397430	56289872	55405474	56697592	2.71	cps
Strontium	86-1	2409679	2404965	2312300	2375648	2.31	cps
Strontium	88-1	21346019	21272554	20630352	21082975	1.87	cps
Sulfur	34-1	905579	888338	858283	884067	2.71	cps
Terbium	159-1	6761508	6842536	6757489	6787177	0.71	cps
Terbium	159-2	2577641	2552820	2574544	2568335	0.53	cps
Thallium	203-1	625	483	267	458	39.38	cps
Thallium	205-1	1383	1108	950	1147	19.11	cps
Tin	118-1	4843	4509	3951	4434	10.16	cps
Titanium	47-1	775	700	875	783	11.21	cps
Uranium	238-1	37606	37731	37087	37474	0.91	cps
Vanadium	51-2	1017	1043	1063	1041	2.25	cps
Yttrium	89-1	3899802	3866025	3788102	3851310	1.49	cps
Yttrium	89-2	439256	433601	434616	435825	0.69	cps
Zinc	66-2	1160	1173	1023	1119	7.42	cps
Zirconium	90-1	1292	1183	1092	1189	8.42	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01	Instrumnet Name :	P7
Client Sample ID :	S49-0442	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:23:37	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	308	325	319	3.01	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUP	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:27:11	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	175	142	192	31.35	cps
Antimony	121-1	3959	3801	4142	3967	4.31	cps
Arsenic	75-2	481	439	532	484	9.58	cps
Barium	135-1	151096	148393	146836	148775	1.45	cps
Barium	137-1	263049	261614	260237	261633	0.54	cps
Beryllium	9-1	278	344	294	306	11.36	cps
Bismuth	209-1	4779447	4669613	4659192	4702750	1.42	cps
Bismuth	209-2	2043469	2046734	2034093	2041432	0.32	cps
Boron	10-1	2775	2925	2759	2820	3.26	cps
Boron	11-1	13773	13139	13098	13337	2.84	cps
Cadmium	111-1	1040	1138	1163	1114	5.85	cps
Cadmium	106-1	1342	1358	1425	1375	3.21	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	4019596	3939161	3872637	3943798	1.87	cps
Calcium	44-1	63164241	62416447	61460314	62347001	1.37	cps
Chromium	52-2	673	607	583	621	7.52	cps
Cobalt	59-2	93	117	117	109	12.37	cps
Copper	63-2	12132	12048	11852	12011	1.20	cps
Dysprosium	156-1	8	33	33	25	57.74	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	13	3	23	13	75.02	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	17	20	43	27	54.47	cps
Holmium	165-1	6344745	6217385	6202044	6254725	1.25	cps
Holmium	165-2	2553484	2545651	2533043	2544059	0.41	cps
Indium	115-1	3674085	3543843	3534464	3584131	2.18	cps
Indium	115-2	555837	553937	549519	553097	0.59	cps
Iron	56-2	1039329	1027266	1024473	1030356	0.77	cps
Iron	57-2	30376	29619	29981	29992	1.26	cps
Lead	206-1	1978	2061	2034	2024	2.10	cps
Lead	207-1	1733	1661	1678	1691	2.24	cps
Lead	208-1	8057	8212	8229	8166	1.16	cps
Lithium	6-1	2883585	2833251	2806602	2841146	1.38	cps
Magnesium	24-2	14572073	14469277	14375108	14472153	0.68	cps
Manganese	55-2	730971	722715	716079	723255	1.03	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUP	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:27:11	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	442	567	542	16.64	cps
Molybdenum	95-1	567	450	742	586	25.05	cps
Molybdenum	96-1	575	742	717	678	13.26	cps
Molybdenum	97-1	508	500	558	522	6.04	cps
Molybdenum	98-1	1225	883	925	1011	18.44	cps
Neodymium	150-1	100	80	73	84	16.43	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	163	197	200	187	10.86	cps
Phosphorus	31-2	108	92	108	103	9.36	cps
Potassium	39-2	487366	483120	480734	483740	0.69	cps
Rhodium	103-1	2815240	2749080	2746755	2770358	1.40	cps
Rhodium	103-2	1289226	1273739	1270306	1277757	0.79	cps
Scandium	45-1	2265714	2193818	2172368	2210633	2.21	cps
Scandium	45-2	90699	91604	90085	90796	0.84	cps
Selenium	77-2	7	20	13	13	49.99	cps
Selenium	78-2	11	4	4	6	69.34	cps
Selenium	82-1	-202	-135	-92	-143	-38.79	cps
Silicon	28-1	28711248	28113739	27750290	28191759	1.72	cps
Silver	109-1	1450	1208	1058	1239	15.95	cps
Silver	107-1	1317	1183	1000	1167	13.63	cps
Sodium	23-2	51642983	51309265	50880823	51277690	0.75	cps
Strontium	86-1	2042659	2010134	2001654	2018149	1.07	cps
Strontium	88-1	18100809	17996821	17828744	17975458	0.76	cps
Sulfur	34-1	727449	712544	698036	712676	2.06	cps
Terbium	159-1	6136091	6038692	6027406	6067396	0.98	cps
Terbium	159-2	2406659	2395400	2398049	2400036	0.25	cps
Thallium	203-1	150	167	83	133	33.07	cps
Thallium	205-1	433	308	258	333	27.04	cps
Tin	118-1	2809	3109	3025	2981	5.20	cps
Titanium	47-1	658	800	875	778	14.15	cps
Uranium	238-1	34965	34421	35491	34959	1.53	cps
Vanadium	51-2	1037	1113	1037	1062	4.17	cps
Yttrium	89-1	3305491	3210151	3219337	3244993	1.62	cps
Yttrium	89-2	393282	393473	391389	392714	0.29	cps
Zinc	66-2	997	840	917	918	8.54	cps
Zirconium	90-1	792	708	692	731	7.33	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUP	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:27:11	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	175	183	158	22.94	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LX5	Instrumnet Name :	P7
Client Sample ID :	S49-0442L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-01 13:30:43	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	92	67	33.07	cps
Antimony	121-1	1675	1508	1492	1558	6.51	cps
Arsenic	75-2	133	126	87	115	21.54	cps
Barium	135-1	31670	31871	31695	31745	0.34	cps
Barium	137-1	55888	55930	55110	55643	0.83	cps
Beryllium	9-1	311	272	211	265	19.04	cps
Bismuth	209-1	4974845	4908277	4888280	4923801	0.92	cps
Bismuth	209-2	2212513	2207553	2191339	2203802	0.50	cps
Boron	10-1	967	850	900	906	6.46	cps
Boron	11-1	3992	4284	4217	4165	3.67	cps
Cadmium	111-1	1175	1058	1139	1124	5.36	cps
Cadmium	106-1	1634	1450	1500	1528	6.20	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	852798	843330	836358	844162	0.98	cps
Calcium	44-1	13637673	13601747	13515951	13585124	0.46	cps
Chromium	52-2	283	183	253	240	21.38	cps
Cobalt	59-2	60	50	83	64	26.55	cps
Copper	63-2	3500	3340	3587	3476	3.60	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	13	23	7	14	58.06	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	27	27	23	26	7.55	cps
Holmium	165-1	6469435	6461197	6466215	6465616	0.06	cps
Holmium	165-2	2731680	2712160	2706269	2716703	0.49	cps
Indium	115-1	3813300	3798641	3752572	3788171	0.84	cps
Indium	115-2	608325	607476	608199	608000	0.08	cps
Iron	56-2	234566	236077	232370	234338	0.80	cps
Iron	57-2	6868	6646	6596	6704	2.16	cps
Lead	206-1	539	428	417	461	14.66	cps
Lead	207-1	422	400	350	391	9.47	cps
Lead	208-1	1989	1961	1706	1885	8.28	cps
Lithium	6-1	2443382	2447358	2432086	2440942	0.32	cps
Magnesium	24-2	3210540	3216888	3212691	3213373	0.10	cps
Manganese	55-2	163196	162070	162994	162753	0.37	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LX5	Instrumnet Name :	P7
Client Sample ID :	S49-0442L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-01 13:30:43	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	167	208	225	30.32	cps
Molybdenum	95-1	200	233	158	197	19.05	cps
Molybdenum	96-1	142	183	217	181	20.81	cps
Molybdenum	97-1	167	150	100	139	24.98	cps
Molybdenum	98-1	292	283	275	283	2.94	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	63	90	97	83	21.16	cps
Phosphorus	31-2	42	142	183	122	59.57	cps
Potassium	39-2	121771	120569	120041	120794	0.73	cps
Rhodium	103-1	3098938	3087330	3065098	3083789	0.56	cps
Rhodium	103-2	1431028	1426090	1424139	1427085	0.25	cps
Scandium	45-1	2414483	2396284	2381359	2397375	0.69	cps
Scandium	45-2	100222	101082	99867	100390	0.62	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	7	4	7	6	34.70	cps
Selenium	82-1	-3	23	-30	-3	-776.93	cps
Silicon	28-1	20590152	20461070	20351623	20467615	0.58	cps
Silver	109-1	525	542	592	553	6.28	cps
Silver	107-1	617	592	433	547	18.17	cps
Sodium	23-2	11439734	11503544	11439623	11460967	0.32	cps
Strontium	86-1	433921	430742	426335	430332	0.89	cps
Strontium	88-1	3827983	3798895	3784462	3803780	0.58	cps
Sulfur	34-1	412308	412509	404674	409830	1.09	cps
Terbium	159-1	6338948	6338059	6321196	6332734	0.16	cps
Terbium	159-2	2576269	2573533	2562455	2570753	0.28	cps
Thallium	203-1	67	100	83	83	20.00	cps
Thallium	205-1	158	175	175	169	5.68	cps
Tin	118-1	750	683	658	697	6.80	cps
Titanium	47-1	150	125	192	156	21.65	cps
Uranium	238-1	7669	7019	7277	7322	4.47	cps
Vanadium	51-2	473	500	437	470	6.77	cps
Yttrium	89-1	3480362	3458135	3421917	3453471	0.85	cps
Yttrium	89-2	429799	430412	428557	429589	0.22	cps
Zinc	66-2	417	413	427	419	1.66	cps
Zirconium	90-1	367	292	325	328	11.47	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LX5	Instrumnet Name :	P7
Client Sample ID :	S49-0442L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-01 13:30:43	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	100	58	75	29.40	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MS	Instrumnet Name :	P7
Client Sample ID :	S49-0442MS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310725	306395	310286	309135	0.77	cps
Antimony	121-1	1375980	1361383	1364189	1367184	0.57	cps
Arsenic	75-2	30409	30716	30931	30685	0.85	cps
Barium	135-1	1646729	1625241	1618171	1630047	0.91	cps
Barium	137-1	2931596	2897831	2875365	2901597	0.98	cps
Beryllium	9-1	530681	519806	515767	522084	1.48	cps
Bismuth	209-1	4456874	4371302	4364045	4397407	1.17	cps
Bismuth	209-2	1888702	1869197	1894690	1884196	0.71	cps
Boron	10-1	61316	61735	62078	61709	0.62	cps
Boron	11-1	285836	284091	287540	285822	0.60	cps
Cadmium	111-1	291915	289904	287152	289657	0.83	cps
Cadmium	106-1	32572	33106	32881	32853	0.82	cps
Cadmium	108-1	22214	21859	21888	21987	0.90	cps
Calcium	43-1	3811057	3765100	3732933	3769697	1.04	cps
Calcium	44-1	60613193	59666378	59220837	59833469	1.19	cps
Chromium	52-2	346868	342368	346796	345344	0.75	cps
Cobalt	59-2	529005	526073	526268	527115	0.31	cps
Copper	63-2	709022	705139	702027	705396	0.50	cps
Dysprosium	156-1	75	58	67	67	12.50	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	1700	2234	1950	1961	13.61	cps
Erbium	164-2	813	777	743	778	4.50	cps
Gadolinium	160-1	150	217	125	164	28.91	cps
Gadolinium	160-2	103	83	90	92	11.05	cps
Holmium	165-1	5855218	5720570	5748507	5774765	1.23	cps
Holmium	165-2	2348210	2313883	2353264	2338453	0.92	cps
Indium	115-1	3231494	3134708	3135937	3167380	1.75	cps
Indium	115-2	484792	479369	483103	482421	0.58	cps
Iron	56-2	13916633	13798398	13808591	13841207	0.47	cps
Iron	57-2	338967	338635	339529	339044	0.13	cps
Lead	206-1	1675560	1662380	1653320	1663753	0.67	cps
Lead	207-1	1543168	1534445	1532412	1536675	0.37	cps
Lead	208-1	6964205	6921693	6911405	6932434	0.40	cps
Lithium	6-1	2444623	2413510	2403533	2420556	0.89	cps
Magnesium	24-2	17242808	17093260	17153877	17163315	0.44	cps
Manganese	55-2	977612	974890	975677	976060	0.14	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MS	Instrumnet Name :	P7
Client Sample ID :	S49-0442MS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2164868	2153753	2138033	2152218	0.63	cps
Molybdenum	95-1	2629547	2587725	2572932	2596734	1.13	cps
Molybdenum	96-1	2950170	2914829	2909001	2924667	0.76	cps
Molybdenum	97-1	1651242	1633724	1629019	1637995	0.71	cps
Molybdenum	98-1	4341539	4292279	4269834	4301218	0.85	cps
Neodymium	150-1	213	140	120	158	31.14	cps
Neodymium	150-2	3	20	10	11	75.52	cps
Nickel	60-2	136050	135273	136468	135930	0.45	cps
Phosphorus	31-2	133	58	225	139	60.10	cps
Potassium	39-2	1612095	1595822	1608652	1605523	0.53	cps
Rhodium	103-1	2510691	2453424	2465475	2476530	1.22	cps
Rhodium	103-2	1141514	1122283	1137833	1133877	0.90	cps
Scandium	45-1	1998951	1950445	1933190	1960862	1.74	cps
Scandium	45-2	80222	79401	82253	80626	1.82	cps
Selenium	77-2	523	593	530	549	7.04	cps
Selenium	78-2	1974	1915	1911	1933	1.83	cps
Selenium	82-1	15848	15326	15625	15600	1.68	cps
Silicon	28-1	25804756	25290037	24918507	25337767	1.76	cps
Silver	109-1	1385352	1357004	1347832	1363396	1.43	cps
Silver	107-1	1421003	1409668	1392967	1407879	1.00	cps
Sodium	23-2	54029382	53633491	53915426	53859433	0.38	cps
Strontium	86-1	2135895	2099401	2097529	2110942	1.02	cps
Strontium	88-1	18876292	18810458	18656058	18780936	0.60	cps
Sulfur	34-1	635658	620635	613355	623216	1.82	cps
Terbium	159-1	5663328	5577014	5602386	5614243	0.79	cps
Terbium	159-2	2205064	2177976	2219198	2200746	0.95	cps
Thallium	203-1	2104499	2090013	2096237	2096916	0.35	cps
Thallium	205-1	5145236	5100925	5092945	5113035	0.55	cps
Tin	118-1	975400	968557	967294	970417	0.45	cps
Titanium	47-1	789123	784889	769856	781289	1.30	cps
Uranium	238-1	8659885	8618878	8670288	8649684	0.31	cps
Vanadium	51-2	282015	279702	283650	281789	0.70	cps
Yttrium	89-1	2934037	2869099	2858006	2887047	1.42	cps
Yttrium	89-2	351505	342435	348323	347421	1.32	cps
Zinc	66-2	89857	90769	90334	90320	0.51	cps
Zirconium	90-1	1857392	1831828	1824284	1837835	0.94	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MS	Instrumnet Name :	P7
Client Sample ID :	S49-0442MS	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	415244	412186	407220	411550	0.98	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSD	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:37:48	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310792	308358	305977	308376	0.78	cps
Antimony	121-1	1363585	1366703	1350989	1360426	0.61	cps
Arsenic	75-2	30293	30335	30458	30362	0.28	cps
Barium	135-1	1645246	1628978	1639082	1637769	0.50	cps
Barium	137-1	2916009	2910874	2903940	2910275	0.21	cps
Beryllium	9-1	512903	506751	503831	507828	0.91	cps
Bismuth	209-1	4281395	4350994	4337682	4323357	0.85	cps
Bismuth	209-2	1893920	1884238	1885589	1887916	0.28	cps
Boron	10-1	61718	62839	62019	62192	0.93	cps
Boron	11-1	285232	286303	289471	287002	0.77	cps
Cadmium	111-1	286759	286131	284522	285804	0.40	cps
Cadmium	106-1	32188	32998	32171	32452	1.46	cps
Cadmium	108-1	22092	21734	22151	21992	1.03	cps
Calcium	43-1	3697171	3670316	3643657	3670381	0.73	cps
Calcium	44-1	58531443	58131978	57954953	58206125	0.51	cps
Chromium	52-2	340455	336734	338306	338498	0.55	cps
Cobalt	59-2	523584	520323	522069	521992	0.31	cps
Copper	63-2	706825	704720	704990	705511	0.16	cps
Dysprosium	156-1	58	50	92	67	33.07	cps
Dysprosium	156-2	27	13	17	19	36.75	cps
Erbium	164-1	1917	2225	1992	2045	7.87	cps
Erbium	164-2	810	760	747	772	4.32	cps
Gadolinium	160-1	200	133	150	161	21.53	cps
Gadolinium	160-2	83	123	70	92	30.10	cps
Holmium	165-1	5662579	5793202	5770934	5742238	1.22	cps
Holmium	165-2	2372317	2358024	2363129	2364490	0.31	cps
Indium	115-1	3057651	3105135	3089175	3083987	0.78	cps
Indium	115-2	483317	484223	482694	483411	0.16	cps
Iron	56-2	13835414	13762229	13762034	13786559	0.31	cps
Iron	57-2	339029	335522	334259	336270	0.73	cps
Lead	206-1	1669619	1672344	1677568	1673177	0.24	cps
Lead	207-1	1542911	1542676	1551589	1545725	0.33	cps
Lead	208-1	6972931	6953789	6971122	6965947	0.15	cps
Lithium	6-1	2244714	2265200	2235920	2248611	0.67	cps
Magnesium	24-2	16884765	16909499	16876097	16890121	0.10	cps
Manganese	55-2	961899	955812	960701	959471	0.34	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSD	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:37:48	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2149062	2149541	2130329	2142977	0.51	cps
Molybdenum	95-1	2612023	2591899	2587837	2597253	0.50	cps
Molybdenum	96-1	2922623	2909339	2922019	2917994	0.26	cps
Molybdenum	97-1	1636756	1637430	1621600	1631929	0.55	cps
Molybdenum	98-1	4319018	4284189	4295282	4299497	0.41	cps
Neodymium	150-1	200	180	173	184	7.52	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	134103	135320	133524	134316	0.68	cps
Phosphorus	31-2	158	117	158	144	16.66	cps
Potassium	39-2	1597198	1586028	1592365	1591864	0.35	cps
Rhodium	103-1	2408481	2451025	2441544	2433683	0.92	cps
Rhodium	103-2	1146336	1141917	1140158	1142804	0.28	cps
Scandium	45-1	1869053	1912085	1891056	1890731	1.14	cps
Scandium	45-2	81108	79743	79867	80239	0.94	cps
Selenium	77-2	547	570	537	551	3.10	cps
Selenium	78-2	1900	1924	1954	1926	1.40	cps
Selenium	82-1	15150	15272	15285	15236	0.49	cps
Silicon	28-1	24663598	24330867	24199599	24398022	0.98	cps
Silver	109-1	1346365	1332282	1349353	1342667	0.68	cps
Silver	107-1	1395963	1395589	1392418	1394657	0.14	cps
Sodium	23-2	52858232	52604999	52801179	52754804	0.25	cps
Strontium	86-1	2078846	2066632	2059920	2068466	0.46	cps
Strontium	88-1	18484474	18459362	18465154	18469663	0.07	cps
Sulfur	34-1	603638	593796	591265	596233	1.10	cps
Terbium	159-1	5485868	5612838	5605454	5568053	1.28	cps
Terbium	159-2	2218687	2222568	2223527	2221594	0.12	cps
Thallium	203-1	2101991	2088825	2115056	2101957	0.62	cps
Thallium	205-1	5125943	5116366	5150655	5130988	0.34	cps
Tin	118-1	967607	967530	975630	970256	0.48	cps
Titanium	47-1	780612	770216	764601	771810	1.05	cps
Uranium	238-1	8704786	8721884	8771317	8732662	0.40	cps
Vanadium	51-2	281239	277488	277620	278782	0.76	cps
Yttrium	89-1	2797505	2852925	2844575	2831668	1.06	cps
Yttrium	89-2	348515	346766	346224	347168	0.34	cps
Zinc	66-2	89747	89874	89526	89715	0.20	cps
Zirconium	90-1	1820666	1808521	1808747	1812645	0.38	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSD	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:37:48	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408168	405781	404131	406027	0.50	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01A	Instrumnet Name :	P7
Client Sample ID :	S49-0442A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:41:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299209	299600	299804	299538	0.10	cps
Antimony	121-1	1365278	1370018	1354144	1363147	0.60	cps
Arsenic	75-2	30679	29797	30296	30257	1.46	cps
Barium	135-1	1633831	1630709	1614393	1626311	0.64	cps
Barium	137-1	2898707	2890489	2878049	2889082	0.36	cps
Beryllium	9-1	504882	497256	497634	499924	0.86	cps
Bismuth	209-1	4352084	4343893	4345273	4347083	0.10	cps
Bismuth	209-2	1877870	1863160	1870045	1870358	0.39	cps
Boron	10-1	59601	59986	61200	60262	1.38	cps
Boron	11-1	279429	283221	281982	281544	0.69	cps
Cadmium	111-1	285789	286424	285012	285742	0.25	cps
Cadmium	106-1	32848	32071	32054	32324	1.40	cps
Cadmium	108-1	22560	21700	21546	21935	2.49	cps
Calcium	43-1	3667317	3644258	3608058	3639878	0.82	cps
Calcium	44-1	58118949	57786958	57461589	57789165	0.57	cps
Chromium	52-2	336073	337668	339517	337753	0.51	cps
Cobalt	59-2	516046	516810	521495	518117	0.57	cps
Copper	63-2	695087	695894	700969	697317	0.46	cps
Dysprosium	156-1	83	50	83	72	26.65	cps
Dysprosium	156-2	0	13	20	11	91.66	cps
Erbium	164-1	2042	1592	2075	1903	14.19	cps
Erbium	164-2	817	803	760	793	3.73	cps
Gadolinium	160-1	183	283	108	192	45.81	cps
Gadolinium	160-2	47	57	93	66	37.48	cps
Holmium	165-1	5805794	5795832	5773882	5791836	0.28	cps
Holmium	165-2	2345809	2342232	2356670	2348237	0.32	cps
Indium	115-1	3106227	3094685	3068600	3089837	0.62	cps
Indium	115-2	476689	479115	479052	478286	0.29	cps
Iron	56-2	13523978	13626940	13735299	13628739	0.78	cps
Iron	57-2	329752	327524	333010	330095	0.84	cps
Lead	206-1	1686486	1680365	1682461	1683104	0.18	cps
Lead	207-1	1550465	1553258	1555147	1552957	0.15	cps
Lead	208-1	6998462	7005097	6997306	7000288	0.06	cps
Lithium	6-1	2184003	2151506	2140151	2158553	1.05	cps
Magnesium	24-2	16629664	16666489	16860249	16718801	0.74	cps
Manganese	55-2	946623	951368	959571	952521	0.69	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01A	Instrumnet Name :	P7
Client Sample ID :	S49-0442A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:41:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2123473	2127328	2103327	2118043	0.61	cps
Molybdenum	95-1	2586494	2580303	2566589	2577795	0.40	cps
Molybdenum	96-1	2915602	2888449	2882243	2895431	0.61	cps
Molybdenum	97-1	1626395	1620844	1612339	1619859	0.44	cps
Molybdenum	98-1	4281461	4265390	4256678	4267843	0.29	cps
Neodymium	150-1	193	187	180	187	3.57	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	133084	133346	134105	133512	0.40	cps
Phosphorus	31-2	92	92	125	103	18.73	cps
Potassium	39-2	1559103	1561773	1582032	1567636	0.80	cps
Rhodium	103-1	2461858	2444179	2451890	2452642	0.36	cps
Rhodium	103-2	1132264	1137801	1140434	1136833	0.37	cps
Scandium	45-1	1917663	1891942	1875378	1894994	1.12	cps
Scandium	45-2	78258	78812	78543	78538	0.35	cps
Selenium	77-2	607	550	537	564	6.58	cps
Selenium	78-2	2054	1878	1837	1923	5.99	cps
Selenium	82-1	15083	15402	15421	15302	1.24	cps
Silicon	28-1	24311397	23953120	23862761	24042426	0.99	cps
Silver	109-1	1343809	1344501	1341247	1343186	0.13	cps
Silver	107-1	1402266	1390148	1386767	1393060	0.58	cps
Sodium	23-2	52184794	52108199	52632361	52308451	0.54	cps
Strontium	86-1	2084753	2065782	2059300	2069945	0.64	cps
Strontium	88-1	18566270	18480103	18414812	18487062	0.41	cps
Sulfur	34-1	590298	584741	583395	586145	0.62	cps
Terbium	159-1	5636386	5626048	5610130	5624188	0.24	cps
Terbium	159-2	2201426	2201134	2218436	2206999	0.45	cps
Thallium	203-1	2114466	2120959	2113188	2116204	0.20	cps
Thallium	205-1	5168498	5168333	5174421	5170417	0.07	cps
Tin	118-1	964752	972709	960831	966097	0.63	cps
Titanium	47-1	762890	760096	754209	759065	0.58	cps
Uranium	238-1	8759923	8823330	8799415	8794222	0.36	cps
Vanadium	51-2	273842	274055	277175	275024	0.68	cps
Yttrium	89-1	2857685	2833765	2818358	2836603	0.70	cps
Yttrium	89-2	346996	343627	346593	345739	0.53	cps
Zinc	66-2	88493	89022	89924	89146	0.81	cps
Zirconium	90-1	1819657	1806387	1790451	1805498	0.81	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01A	Instrumnet Name :	P7
Client Sample ID :	S49-0442A	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:41:20	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	409350	406255	403857	406487	0.68	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03	Instrumnet Name :	P7
Client Sample ID :	S49-0453	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:44:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7852	8111	7702	7889	2.62	cps
Antimony	121-1	3892	3934	3601	3809	4.77	cps
Arsenic	75-2	226	174	159	186	18.78	cps
Barium	135-1	57913	58876	57905	58231	0.96	cps
Barium	137-1	104189	101427	104961	103526	1.80	cps
Beryllium	9-1	811	756	728	765	5.55	cps
Bismuth	209-1	4353575	4325050	4299451	4326025	0.63	cps
Bismuth	209-2	1872846	1858138	1858138	1863041	0.46	cps
Boron	10-1	4184	4001	3926	4037	3.29	cps
Boron	11-1	20231	18637	19688	19519	4.15	cps
Cadmium	111-1	9634	9837	9624	9698	1.24	cps
Cadmium	106-1	1875	1692	1800	1789	5.15	cps
Cadmium	108-1	575	596	675	615	8.58	cps
Calcium	43-1	582293	574710	574234	577079	0.78	cps
Calcium	44-1	9335576	9330885	9333110	9333190	0.03	cps
Chromium	52-2	983	960	960	968	1.39	cps
Cobalt	59-2	3314	3284	3464	3354	2.88	cps
Copper	63-2	12742	12602	12719	12688	0.59	cps
Dysprosium	156-1	192	342	342	292	29.69	cps
Dysprosium	156-2	90	80	113	94	18.12	cps
Erbium	164-1	342	425	500	422	18.76	cps
Erbium	164-2	127	147	163	146	12.61	cps
Gadolinium	160-1	283	300	358	314	12.55	cps
Gadolinium	160-2	150	143	153	149	3.42	cps
Holmium	165-1	5733179	5705748	5727739	5722222	0.25	cps
Holmium	165-2	2341980	2313311	2305465	2320252	0.83	cps
Indium	115-1	3127985	3103859	3105404	3112416	0.43	cps
Indium	115-2	489162	484377	482434	485324	0.71	cps
Iron	56-2	1133943	1123299	1115892	1124378	0.81	cps
Iron	57-2	28718	28985	28356	28686	1.10	cps
Lead	206-1	2628	2617	2478	2574	3.25	cps
Lead	207-1	2234	2350	2234	2272	2.96	cps
Lead	208-1	10824	10569	10152	10515	3.23	cps
Lithium	6-1	2064471	2051405	2054214	2056697	0.33	cps
Magnesium	24-2	734102	732741	735201	734014	0.17	cps
Manganese	55-2	496897	495813	493729	495480	0.32	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03	Instrumnet Name :	P7
Client Sample ID :	S49-0453	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:44:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1383	1458	1250	1364	7.74	cps
Molybdenum	95-1	1233	1250	1250	1245	0.77	cps
Molybdenum	96-1	1533	1750	1725	1670	7.10	cps
Molybdenum	97-1	1008	908	1560	1159	30.27	cps
Molybdenum	98-1	2625	2525	2325	2492	6.13	cps
Neodymium	150-1	373	313	387	358	10.92	cps
Neodymium	150-2	130	100	113	114	13.13	cps
Nickel	60-2	2717	2740	2967	2808	4.92	cps
Phosphorus	31-2	158	183	150	164	10.58	cps
Potassium	39-2	711786	714328	710917	712344	0.25	cps
Rhodium	103-1	2456746	2444109	2439596	2446817	0.36	cps
Rhodium	103-2	1145101	1137711	1135490	1139434	0.44	cps
Scandium	45-1	1901562	1905890	1890676	1899376	0.41	cps
Scandium	45-2	80527	79700	78604	79610	1.21	cps
Selenium	77-2	3	7	17	9	78.08	cps
Selenium	78-2	17	6	7	10	60.25	cps
Selenium	82-1	-1101	-1158	-1487	-1248	-16.70	cps
Silicon	28-1	18983519	18728017	18906746	18872760	0.69	cps
Silver	109-1	758	717	550	675	16.33	cps
Silver	107-1	917	883	650	817	17.79	cps
Sodium	23-2	195368584	192964433	193633933	193988984	0.64	cps
Strontium	86-1	259913	258799	256726	258480	0.63	cps
Strontium	88-1	2312418	2306277	2300975	2306557	0.25	cps
Sulfur	34-1	966003	958850	952321	959058	0.71	cps
Terbium	159-1	5593848	5569052	5546068	5569656	0.43	cps
Terbium	159-2	2210715	2174355	2174792	2186621	0.95	cps
Thallium	203-1	1225	1100	1125	1150	5.75	cps
Thallium	205-1	2784	2442	2509	2578	7.03	cps
Tin	118-1	5168	4459	4584	4737	7.98	cps
Titanium	47-1	5576	5443	5418	5479	1.55	cps
Uranium	238-1	25000	25735	25743	25493	1.67	cps
Vanadium	51-2	1180	1170	1147	1166	1.47	cps
Yttrium	89-1	2872680	2855240	2858588	2862169	0.32	cps
Yttrium	89-2	351428	345654	348956	348680	0.83	cps
Zinc	66-2	5108	4858	5031	4999	2.56	cps
Zirconium	90-1	1467	1292	1325	1361	6.83	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03	Instrumnet Name :	P7
Client Sample ID :	S49-0453	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:44:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	325	383	331	15.20	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:48:24	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1940053	1936331	1932885	1936423	0.19	cps
Antimony	121-1	1346202	1351527	1353109	1350279	0.27	cps
Arsenic	75-2	34519	34524	34446	34496	0.13	cps
Barium	135-1	1679283	1668309	1670692	1672761	0.35	cps
Barium	137-1	2994053	2972185	2977388	2981209	0.38	cps
Beryllium	9-1	549457	544604	551308	548456	0.63	cps
Bismuth	209-1	4725452	4661181	4825950	4737528	1.75	cps
Bismuth	209-2	2131471	2114450	2158701	2134874	1.05	cps
Boron	10-1	64814	67291	67493	66533	2.24	cps
Boron	11-1	298430	301371	306925	302242	1.43	cps
Cadmium	111-1	304774	302645	304236	303885	0.36	cps
Cadmium	106-1	35053	34484	35178	34905	1.06	cps
Cadmium	108-1	23557	23591	23607	23585	0.11	cps
Calcium	43-1	2010945	1991775	1999782	2000834	0.48	cps
Calcium	44-1	31970538	31861473	32029860	31953957	0.27	cps
Chromium	52-2	385929	384142	385138	385070	0.23	cps
Cobalt	59-2	592987	591058	591559	591868	0.17	cps
Copper	63-2	823386	822564	819916	821955	0.22	cps
Dysprosium	156-1	58	67	17	47	56.72	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	30	23	47	33	36.07	cps
Holmium	165-1	6305173	6269075	6482723	6352324	1.80	cps
Holmium	165-2	2692543	2672025	2695296	2686621	0.47	cps
Indium	115-1	3501939	3460340	3577108	3513129	1.68	cps
Indium	115-2	580617	574582	584090	579763	0.83	cps
Iron	56-2	76549110	76642366	76419527	76537001	0.15	cps
Iron	57-2	1840594	1835652	1831774	1836007	0.24	cps
Lead	206-1	1714178	1696389	1703934	1704834	0.52	cps
Lead	207-1	1586464	1568962	1573417	1576281	0.58	cps
Lead	208-1	7158853	7072888	7091118	7107620	0.64	cps
Lithium	6-1	2010588	1991152	2044521	2015420	1.34	cps
Magnesium	24-2	24995162	25047614	24953584	24998787	0.19	cps
Manganese	55-2	415619	415688	415072	415460	0.08	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:48:24	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2417963	2408976	2406282	2411074	0.25	cps
Molybdenum	95-1	2944394	2920831	2920679	2928634	0.47	cps
Molybdenum	96-1	3311101	3282375	3275521	3289666	0.57	cps
Molybdenum	97-1	1838264	1827779	1831362	1832468	0.29	cps
Molybdenum	98-1	4851644	4827477	4845555	4841559	0.26	cps
Neodymium	150-1	207	113	147	156	30.41	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	151914	150516	150253	150894	0.59	cps
Phosphorus	31-2	16293	15675	17227	16399	4.77	cps
Potassium	39-2	7456013	7465659	7467901	7463191	0.08	cps
Rhodium	103-1	2836857	2806409	2892259	2845175	1.53	cps
Rhodium	103-2	1362666	1346257	1370952	1359958	0.92	cps
Scandium	45-1	2277538	2236094	2303066	2272232	1.49	cps
Scandium	45-2	100484	98744	99648	99625	0.87	cps
Selenium	77-2	513	647	603	588	11.57	cps
Selenium	78-2	2096	2321	2259	2226	5.21	cps
Selenium	82-1	16429	16566	16641	16545	0.65	cps
Silicon	28-1	18212559	18257971	18491971	18320834	0.82	cps
Silver	109-1	1363489	1356807	1365013	1361769	0.32	cps
Silver	107-1	1419760	1421239	1424394	1421798	0.17	cps
Sodium	23-2	46523871	46499825	46305743	46443146	0.26	cps
Strontium	86-1	387513	384373	388857	386914	0.59	cps
Strontium	88-1	3447825	3444871	3461825	3451507	0.26	cps
Sulfur	34-1	417133	415793	418041	416989	0.27	cps
Terbium	159-1	6191458	6103040	6302566	6199022	1.61	cps
Terbium	159-2	2537406	2515202	2554434	2535680	0.78	cps
Thallium	203-1	2077160	2066288	2068022	2070490	0.28	cps
Thallium	205-1	5092395	5038788	5053067	5061416	0.55	cps
Tin	118-1	1110705	1104158	1103860	1106241	0.35	cps
Titanium	47-1	894323	888110	889218	890550	0.37	cps
Uranium	238-1	8983920	8938409	8901893	8941407	0.46	cps
Vanadium	51-2	321199	322248	319789	321078	0.38	cps
Yttrium	89-1	3315833	3274416	3377005	3322418	1.55	cps
Yttrium	89-2	426935	421745	432157	426946	1.22	cps
Zinc	66-2	111001	111773	112045	111607	0.49	cps
Zirconium	90-1	2065314	2033756	2043173	2047414	0.79	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:48:24	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	462239	456505	460560	459768	0.64	cps

LB Number : LB91896 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-01 13:51:56 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	50	33	66.15	cps
Antimony	121-1	5201	4534	4151	4629	11.48	cps
Arsenic	75-2	15	9	11	12	24.10	cps
Barium	135-1	67	42	67	58	24.74	cps
Barium	137-1	100	100	133	111	17.32	cps
Beryllium	9-1	756	917	744	806	11.96	cps
Bismuth	209-1	5223886	5149260	5181387	5184845	0.72	cps
Bismuth	209-2	2373952	2360244	2326810	2353669	1.03	cps
Boron	10-1	2284	1842	1575	1900	18.83	cps
Boron	11-1	8895	8294	8036	8408	5.24	cps
Cadmium	111-1	1194	1032	1022	1082	8.92	cps
Cadmium	106-1	1650	1450	1442	1514	7.79	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	167	142	117	142	17.65	cps
Calcium	44-1	79438	77093	77805	78112	1.54	cps
Chromium	52-2	167	160	140	156	8.92	cps
Cobalt	59-2	47	60	77	61	24.60	cps
Copper	63-2	1700	1630	1630	1653	2.44	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Holmium	165-1	6575418	6513460	6526867	6538582	0.50	cps
Holmium	165-2	2769139	2760100	2722888	2750709	0.89	cps
Indium	115-1	3878433	3807115	3844127	3843225	0.93	cps
Indium	115-2	638367	639314	632743	636808	0.56	cps
Iron	56-2	4228	4279	4229	4245	0.68	cps
Iron	57-2	122	128	72	107	28.49	cps
Lead	206-1	1089	972	1028	1030	5.67	cps
Lead	207-1	978	900	1056	978	7.95	cps
Lead	208-1	4395	4195	4423	4337	2.87	cps
Lithium	6-1	2244206	2220431	2238799	2234479	0.56	cps
Magnesium	24-2	1000	958	950	970	2.76	cps
Manganese	55-2	137	133	113	128	9.88	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:51:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	908	825	742	825	10.10	cps
Molybdenum	95-1	1450	1033	1083	1189	19.14	cps
Molybdenum	96-1	1417	1300	1308	1342	4.85	cps
Molybdenum	97-1	800	833	692	775	9.56	cps
Molybdenum	98-1	2050	1792	1875	1906	6.92	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	47	90	77	33.96	cps
Phosphorus	31-2	142	117	108	122	14.19	cps
Potassium	39-2	16451	16101	16376	16310	1.13	cps
Rhodium	103-1	3261595	3240751	3243249	3248532	0.35	cps
Rhodium	103-2	1542021	1548355	1519582	1536653	0.98	cps
Scandium	45-1	2464595	2429839	2468522	2454319	0.87	cps
Scandium	45-2	107839	109423	104821	107361	2.18	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	9	11	8	48.07	cps
Selenium	82-1	-22	13	-8	-6	-315.37	cps
Silicon	28-1	19786890	19694085	19735924	19738967	0.24	cps
Silver	109-1	475	317	358	383	21.41	cps
Silver	107-1	525	417	392	444	15.95	cps
Sodium	23-2	41550	39503	39871	40308	2.71	cps
Strontium	86-1	200	175	200	192	7.53	cps
Strontium	88-1	325	400	417	381	12.83	cps
Sulfur	34-1	315466	313313	315857	314879	0.44	cps
Terbium	159-1	6411218	6364252	6437021	6404164	0.58	cps
Terbium	159-2	2632247	2638234	2587232	2619237	1.06	cps
Thallium	203-1	1233	908	875	1006	19.69	cps
Thallium	205-1	2892	2317	1867	2359	21.79	cps
Tin	118-1	1634	1242	1250	1375	16.27	cps
Titanium	47-1	183	100	92	125	40.55	cps
Uranium	238-1	325	375	350	350	7.14	cps
Vanadium	51-2	43	67	33	48	35.81	cps
Yttrium	89-1	3553146	3505972	3532287	3530468	0.67	cps
Yttrium	89-2	456046	455311	448709	453355	0.89	cps
Zinc	66-2	297	253	287	279	8.13	cps
Zirconium	90-1	858	842	750	817	7.14	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:51:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	150	175	181	18.65	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04	Instrumnet Name :	P7
Client Sample ID :	S49-0454	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:55:27	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1825	2050	1861	9.33	cps
Antimony	121-1	10321	7327	7119	8256	21.70	cps
Arsenic	75-2	80	67	109	85	25.63	cps
Barium	135-1	118501	115947	114140	116196	1.89	cps
Barium	137-1	210641	205474	202032	206049	2.10	cps
Beryllium	9-1	578	511	567	552	6.47	cps
Bismuth	209-1	4332155	4206408	4192052	4243538	1.82	cps
Bismuth	209-2	1779004	1760484	1754974	1764820	0.71	cps
Boron	10-1	3776	3967	3892	3878	2.49	cps
Boron	11-1	17544	17135	17486	17388	1.27	cps
Cadmium	111-1	1231	1156	1186	1191	3.17	cps
Cadmium	106-1	1233	1142	1250	1208	4.83	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	1575029	1532048	1512837	1539971	2.07	cps
Calcium	44-1	25285454	24719283	24384631	24796456	1.84	cps
Chromium	52-2	650	640	610	633	3.29	cps
Cobalt	59-2	910	910	917	912	0.42	cps
Copper	63-2	8319	7959	8016	8098	2.39	cps
Dysprosium	156-1	167	133	108	136	21.50	cps
Dysprosium	156-2	80	57	50	62	25.32	cps
Erbium	164-1	167	225	242	211	18.66	cps
Erbium	164-2	80	73	50	68	23.24	cps
Gadolinium	160-1	117	158	108	128	20.96	cps
Gadolinium	160-2	110	67	113	97	26.93	cps
Holmium	165-1	5732832	5626380	5594118	5651110	1.28	cps
Holmium	165-2	2228271	2206618	2208269	2214386	0.54	cps
Indium	115-1	3192888	3086488	3078616	3119331	2.05	cps
Indium	115-2	468102	466174	462676	465651	0.59	cps
Iron	56-2	142820	141911	140890	141874	0.68	cps
Iron	57-2	5212	5223	5412	5283	2.13	cps
Lead	206-1	1678	1628	1489	1598	6.12	cps
Lead	207-1	1467	1495	1361	1441	4.88	cps
Lead	208-1	6673	6412	6284	6456	3.07	cps
Lithium	6-1	2159591	2109515	2106102	2125069	1.41	cps
Magnesium	24-2	3569928	3535422	3535361	3546904	0.56	cps
Manganese	55-2	193672	192321	190994	192329	0.70	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04	Instrumnet Name :	P7
Client Sample ID :	S49-0454	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:55:27	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	875	1083	1031	13.30	cps
Molybdenum	95-1	775	767	758	767	1.09	cps
Molybdenum	96-1	1092	867	858	939	14.10	cps
Molybdenum	97-1	675	425	650	583	23.60	cps
Molybdenum	98-1	1467	1200	1225	1297	11.35	cps
Neodymium	150-1	253	240	253	249	3.09	cps
Neodymium	150-2	63	60	33	52	31.49	cps
Nickel	60-2	1103	1353	1273	1243	10.27	cps
Phosphorus	31-2	100	150	142	131	20.52	cps
Potassium	39-2	691986	686832	684301	687706	0.57	cps
Rhodium	103-1	2509246	2431067	2414223	2451512	2.07	cps
Rhodium	103-2	1096704	1086195	1084722	1089207	0.60	cps
Scandium	45-1	1971393	1897443	1904985	1924607	2.11	cps
Scandium	45-2	77702	76720	75783	76735	1.25	cps
Selenium	77-2	7	10	20	12	56.76	cps
Selenium	78-2	2	4	9	5	78.12	cps
Selenium	82-1	-585	-474	-546	-535	-10.51	cps
Silicon	28-1	25845654	25127504	24763275	25245477	2.18	cps
Silver	109-1	1617	1317	975	1303	24.65	cps
Silver	107-1	1659	1483	1208	1450	15.65	cps
Sodium	23-2	130164970	128407111	128565578	129045886	0.75	cps
Strontium	86-1	1003451	985346	970606	986468	1.67	cps
Strontium	88-1	8991423	8820855	8754252	8855510	1.38	cps
Sulfur	34-1	601922	588029	577029	588993	2.12	cps
Terbium	159-1	5557029	5406135	5427794	5463652	1.49	cps
Terbium	159-2	2086362	2079506	2071790	2079219	0.35	cps
Thallium	203-1	458	367	383	403	12.12	cps
Thallium	205-1	1083	1058	958	1033	6.40	cps
Tin	118-1	3601	3467	3234	3434	5.41	cps
Titanium	47-1	1809	1842	1800	1817	1.21	cps
Uranium	238-1	38742	38834	38065	38547	1.09	cps
Vanadium	51-2	677	657	713	682	4.21	cps
Yttrium	89-1	2929155	2819921	2816710	2855262	2.24	cps
Yttrium	89-2	335425	332547	332050	333341	0.55	cps
Zinc	66-2	5148	4814	4961	4974	3.36	cps
Zirconium	90-1	1475	1659	1525	1553	6.10	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04	Instrumnet Name :	P7
Client Sample ID :	S49-0454	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 13:55:27	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	383	292	344	13.76	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 13:59:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	25	39	32.73	cps
Antimony	121-1	933	983	975	964	2.78	cps
Arsenic	75-2	41	33	19	31	36.66	cps
Barium	135-1	7653	7119	6952	7241	5.05	cps
Barium	137-1	12932	13198	13023	13051	1.04	cps
Beryllium	9-1	528	422	361	437	19.29	cps
Bismuth	209-1	4981675	4854410	4875679	4903921	1.39	cps
Bismuth	209-2	2203962	2207478	2204266	2205235	0.09	cps
Boron	10-1	825	833	767	808	4.49	cps
Boron	11-1	3517	3501	3834	3617	5.19	cps
Cadmium	111-1	903	954	963	940	3.41	cps
Cadmium	106-1	1275	1342	1333	1317	2.76	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	195093	196301	193025	194806	0.85	cps
Calcium	44-1	3245724	3223771	3226839	3232111	0.37	cps
Chromium	52-2	150	143	197	163	17.79	cps
Cobalt	59-2	73	53	77	68	18.62	cps
Copper	63-2	1974	2037	1990	2000	1.64	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	17	27	27	23	24.74	cps
Holmium	165-1	6347913	6190638	6311209	6283253	1.31	cps
Holmium	165-2	2628547	2647739	2635343	2637209	0.37	cps
Indium	115-1	3663156	3599773	3613398	3625442	0.92	cps
Indium	115-2	594805	595067	594502	594791	0.05	cps
Iron	56-2	56710	57909	58043	57554	1.28	cps
Iron	57-2	1778	1611	1617	1669	5.67	cps
Lead	206-1	594	600	550	582	4.71	cps
Lead	207-1	511	478	456	482	5.81	cps
Lead	208-1	2400	2467	2367	2411	2.11	cps
Lithium	6-1	2135124	2111695	2131766	2126195	0.60	cps
Magnesium	24-2	766625	765672	771035	767777	0.37	cps
Manganese	55-2	39069	39463	39068	39200	0.58	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 13:59:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	192	342	256	30.30	cps
Molybdenum	95-1	225	200	175	200	12.50	cps
Molybdenum	96-1	267	258	300	275	8.02	cps
Molybdenum	97-1	158	142	200	167	18.03	cps
Molybdenum	98-1	333	250	333	306	15.75	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	57	73	57	29.41	cps
Phosphorus	31-2	125	75	50	83	45.83	cps
Potassium	39-2	38710	40682	39963	39785	2.51	cps
Rhodium	103-1	3038733	2984019	2988834	3003862	1.01	cps
Rhodium	103-2	1422131	1432617	1424047	1426265	0.39	cps
Scandium	45-1	2301964	2238919	2282672	2274518	1.42	cps
Scandium	45-2	98582	96948	96408	97312	1.16	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	11	11	4	9	49.52	cps
Selenium	82-1	-8	-7	27	4	495.58	cps
Silicon	28-1	18595503	18645116	18817485	18686035	0.62	cps
Silver	109-1	242	242	292	258	11.17	cps
Silver	107-1	267	217	250	244	10.41	cps
Sodium	23-2	2736291	2743877	2784011	2754726	0.93	cps
Strontium	86-1	100500	98906	98722	99376	0.98	cps
Strontium	88-1	885132	875329	877590	879350	0.58	cps
Sulfur	34-1	324998	323251	324652	324300	0.29	cps
Terbium	159-1	6251914	6071493	6093671	6139026	1.60	cps
Terbium	159-2	2497640	2506488	2494677	2499602	0.25	cps
Thallium	203-1	58	42	158	86	73.27	cps
Thallium	205-1	217	183	225	208	10.58	cps
Tin	118-1	558	508	683	583	15.45	cps
Titanium	47-1	42	167	83	97	65.47	cps
Uranium	238-1	1800	1875	1884	1853	2.48	cps
Vanadium	51-2	123	107	113	114	7.33	cps
Yttrium	89-1	3343380	3277706	3298779	3306622	1.01	cps
Yttrium	89-2	417210	418284	416780	417425	0.19	cps
Zinc	66-2	303	217	247	256	17.22	cps
Zirconium	90-1	242	292	358	297	19.69	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 13:59:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	108	117	94	33.40	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:02:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	50	33	50.00	cps
Antimony	121-1	600	642	742	661	11.01	cps
Arsenic	75-2	28	37	28	31	17.32	cps
Barium	135-1	8019	7819	7319	7719	4.67	cps
Barium	137-1	13549	12923	13457	13310	2.54	cps
Beryllium	9-1	450	406	417	424	5.45	cps
Bismuth	209-1	4801646	4827327	4792949	4807307	0.37	cps
Bismuth	209-2	2156784	2176026	2199577	2177462	0.98	cps
Boron	10-1	825	717	625	722	13.86	cps
Boron	11-1	3242	3117	3009	3123	3.74	cps
Cadmium	111-1	993	1057	1153	1068	7.55	cps
Cadmium	106-1	1383	1500	1650	1511	8.85	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	207984	204866	204747	205866	0.89	cps
Calcium	44-1	3420724	3408407	3400792	3409974	0.29	cps
Chromium	52-2	190	150	170	170	11.76	cps
Cobalt	59-2	67	77	70	71	7.16	cps
Copper	63-2	1760	1743	1700	1735	1.79	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	10	20	33	21	55.45	cps
Holmium	165-1	6174193	6191569	6148984	6171582	0.35	cps
Holmium	165-2	2574950	2597621	2627940	2600170	1.02	cps
Indium	115-1	3598851	3597879	3591559	3596096	0.11	cps
Indium	115-2	586034	589868	594343	590081	0.70	cps
Iron	56-2	58885	59956	60419	59753	1.32	cps
Iron	57-2	1750	1700	1739	1730	1.52	cps
Lead	206-1	589	517	494	533	9.26	cps
Lead	207-1	561	428	467	485	14.13	cps
Lead	208-1	2289	2056	1956	2100	8.15	cps
Lithium	6-1	2169548	2178420	2167422	2171797	0.27	cps
Magnesium	24-2	801767	804801	806277	804281	0.29	cps
Manganese	55-2	40903	41061	40375	40780	0.88	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:02:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	150	183	172	11.17	cps
Molybdenum	95-1	192	150	167	169	12.38	cps
Molybdenum	96-1	183	200	125	169	23.24	cps
Molybdenum	97-1	83	100	92	92	9.09	cps
Molybdenum	98-1	250	258	150	219	27.47	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	90	43	71	34.56	cps
Phosphorus	31-2	117	125	142	128	9.96	cps
Potassium	39-2	40949	40557	39854	40453	1.37	cps
Rhodium	103-1	3004541	3020125	2994274	3006313	0.43	cps
Rhodium	103-2	1416815	1420081	1422982	1419959	0.22	cps
Scandium	45-1	2310273	2315080	2275252	2300201	0.95	cps
Scandium	45-2	100477	99058	99149	99561	0.80	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	6	6	6	17.29	cps
Selenium	82-1	-15	9	-35	-13	-163.59	cps
Silicon	28-1	19400754	19398431	19418941	19406042	0.06	cps
Silver	109-1	283	392	317	331	16.79	cps
Silver	107-1	425	433	358	406	10.14	cps
Sodium	23-2	2848228	2876451	2882027	2868902	0.63	cps
Strontium	86-1	105469	101894	103044	103469	1.76	cps
Strontium	88-1	917049	916985	908654	914229	0.53	cps
Sulfur	34-1	340009	340985	338926	339974	0.30	cps
Terbium	159-1	6036612	6007665	6050811	6031696	0.36	cps
Terbium	159-2	2448941	2463574	2479037	2463851	0.61	cps
Thallium	203-1	108	67	142	106	35.60	cps
Thallium	205-1	158	283	142	194	39.82	cps
Tin	118-1	500	533	525	519	3.34	cps
Titanium	47-1	133	125	67	108	33.53	cps
Uranium	238-1	1825	1842	1884	1850	1.62	cps
Vanadium	51-2	90	100	107	99	8.48	cps
Yttrium	89-1	3313659	3328426	3305624	3315903	0.35	cps
Yttrium	89-2	416562	419321	422365	419416	0.69	cps
Zinc	66-2	280	283	267	277	3.19	cps
Zirconium	90-1	317	300	317	311	3.09	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:02:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	108	92	81	43.07	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0442LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-12-01 14:06:05	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	58	47	20.38	cps
Antimony	121-1	250	183	283	239	21.32	cps
Arsenic	75-2	11	13	17	14	20.85	cps
Barium	135-1	1283	1600	1550	1478	11.52	cps
Barium	137-1	2484	2600	2625	2570	2.94	cps
Beryllium	9-1	378	389	394	387	2.19	cps
Bismuth	209-1	4962862	4825028	4864882	4884257	1.45	cps
Bismuth	209-2	2246688	2264678	2243356	2251574	0.51	cps
Boron	10-1	392	475	633	500	24.55	cps
Boron	11-1	2175	2350	2542	2356	7.79	cps
Cadmium	111-1	1133	973	1158	1088	9.24	cps
Cadmium	106-1	1633	1383	1650	1556	9.60	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Calcium	43-1	40389	39595	40690	40225	1.41	cps
Calcium	44-1	730910	728073	726988	728657	0.28	cps
Chromium	52-2	200	187	170	186	8.10	cps
Cobalt	59-2	70	43	77	63	27.85	cps
Copper	63-2	1400	1400	1347	1382	2.23	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	17	20	27	21	24.12	cps
Holmium	165-1	6265215	6110349	6144376	6173313	1.32	cps
Holmium	165-2	2643821	2652210	2636759	2644263	0.29	cps
Indium	115-1	3703400	3614248	3626639	3648096	1.32	cps
Indium	115-2	605368	610181	612267	609272	0.58	cps
Iron	56-2	14663	14268	14430	14454	1.37	cps
Iron	57-2	372	428	389	396	7.19	cps
Lead	206-1	617	611	567	598	4.58	cps
Lead	207-1	606	633	656	632	3.97	cps
Lead	208-1	2800	2684	2645	2709	2.99	cps
Lithium	6-1	2249433	2209612	2237632	2232226	0.92	cps
Magnesium	24-2	161973	161105	162673	161917	0.49	cps
Manganese	55-2	7952	8082	8226	8087	1.69	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0442LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-12-01 14:06:05	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	175	175	175	0.00	cps
Molybdenum	95-1	150	100	158	136	23.18	cps
Molybdenum	96-1	108	133	158	133	18.75	cps
Molybdenum	97-1	67	100	58	75	29.40	cps
Molybdenum	98-1	158	167	283	203	34.47	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	57	87	69	22.87	cps
Phosphorus	31-2	92	108	75	92	18.18	cps
Potassium	39-2	21141	20390	20323	20618	2.20	cps
Rhodium	103-1	3127805	3058935	3068008	3084916	1.21	cps
Rhodium	103-2	1476355	1489678	1476847	1480960	0.51	cps
Scandium	45-1	2448462	2365052	2393691	2402402	1.76	cps
Scandium	45-2	104666	104838	103448	104317	0.73	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	6	9	6	45.85	cps
Selenium	82-1	8	-30	-7	-10	-200.04	cps
Silicon	28-1	19695751	19650499	19809338	19718529	0.42	cps
Silver	109-1	283	183	283	250	23.10	cps
Silver	107-1	242	225	283	250	12.02	cps
Sodium	23-2	589167	588609	596252	591343	0.72	cps
Strontium	86-1	20515	19981	19748	20081	1.96	cps
Strontium	88-1	177240	176236	177375	176950	0.35	cps
Sulfur	34-1	334983	338456	341279	338239	0.93	cps
Terbium	159-1	6128976	5992864	6041411	6054417	1.14	cps
Terbium	159-2	2489514	2519924	2493542	2500993	0.66	cps
Thallium	203-1	58	67	67	64	7.53	cps
Thallium	205-1	175	142	200	172	16.99	cps
Tin	118-1	475	392	467	444	10.33	cps
Titanium	47-1	117	108	125	117	7.14	cps
Uranium	238-1	392	367	417	392	6.38	cps
Vanadium	51-2	23	40	47	37	32.79	cps
Yttrium	89-1	3406174	3342933	3379637	3376248	0.94	cps
Yttrium	89-2	431972	436693	438090	435585	0.74	cps
Zinc	66-2	290	230	227	249	14.32	cps
Zirconium	90-1	267	275	258	267	3.13	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0442LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-12-01 14:06:05	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	50	75	67	21.65	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:09:37	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21458	20782	20899	21046	1.72	cps
Antimony	121-1	81947	82273	80933	81718	0.86	cps
Arsenic	75-2	1922	2037	2061	2007	3.70	cps
Barium	135-1	95040	95964	94714	95239	0.68	cps
Barium	137-1	167676	169659	167745	168360	0.67	cps
Beryllium	9-1	34879	34913	35130	34974	0.39	cps
Bismuth	209-1	4875429	4868558	4813967	4852651	0.69	cps
Bismuth	209-2	2190356	2186775	2198470	2191867	0.27	cps
Boron	10-1	4593	4084	4526	4401	6.28	cps
Boron	11-1	18746	18646	18862	18751	0.58	cps
Cadmium	111-1	19241	19540	19531	19437	0.88	cps
Cadmium	106-1	3451	3559	3967	3659	7.45	cps
Cadmium	108-1	1504	1346	1404	1418	5.65	cps
Calcium	43-1	237730	240184	235351	237755	1.02	cps
Calcium	44-1	3936883	3916237	3891804	3914975	0.58	cps
Chromium	52-2	22547	22688	22197	22477	1.12	cps
Cobalt	59-2	35052	35326	35436	35271	0.56	cps
Copper	63-2	48102	48821	48805	48576	0.84	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	158	175	108	147	23.57	cps
Erbium	164-2	37	53	60	50	24.03	cps
Gadolinium	160-1	17	42	17	25	57.73	cps
Gadolinium	160-2	33	13	27	24	41.66	cps
Holmium	165-1	6288295	6232415	6181332	6234014	0.86	cps
Holmium	165-2	2629140	2621309	2628914	2626454	0.17	cps
Indium	115-1	3666012	3652303	3625109	3647808	0.57	cps
Indium	115-2	596897	596809	599860	597855	0.29	cps
Iron	56-2	899629	899437	896482	898516	0.20	cps
Iron	57-2	22468	22612	21811	22297	1.92	cps
Lead	206-1	95445	96670	94226	95447	1.28	cps
Lead	207-1	90371	89281	87161	88938	1.84	cps
Lead	208-1	400528	398756	397668	398984	0.36	cps
Lithium	6-1	2248725	2245864	2233839	2242809	0.35	cps
Magnesium	24-2	1114288	1118470	1118200	1116986	0.21	cps
Manganese	55-2	64517	64437	65100	64685	0.56	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:09:37	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	126775	127464	127304	127181	0.28	cps
Molybdenum	95-1	154241	155083	154644	154656	0.27	cps
Molybdenum	96-1	174050	172903	172110	173021	0.56	cps
Molybdenum	97-1	97415	96064	97021	96834	0.72	cps
Molybdenum	98-1	252262	251975	248336	250857	0.87	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	9103	9250	9436	9263	1.80	cps
Phosphorus	31-2	175	125	83	128	35.92	cps
Potassium	39-2	120771	119889	120888	120516	0.45	cps
Rhodium	103-1	3071069	3056213	3030873	3052719	0.67	cps
Rhodium	103-2	1434035	1435838	1442541	1437471	0.31	cps
Scandium	45-1	2433164	2397159	2362312	2397545	1.48	cps
Scandium	45-2	102783	101592	102059	102145	0.59	cps
Selenium	77-2	20	37	47	34	39.11	cps
Selenium	78-2	141	122	154	139	11.39	cps
Selenium	82-1	931	1009	1005	982	4.47	cps
Silicon	28-1	20314862	20094368	19833691	20080974	1.20	cps
Silver	109-1	87822	86070	85675	86522	1.32	cps
Silver	107-1	90178	89432	89030	89547	0.65	cps
Sodium	23-2	3520669	3537975	3530936	3529860	0.25	cps
Strontium	86-1	128402	126125	125958	126828	1.08	cps
Strontium	88-1	1124243	1116531	1113537	1118104	0.49	cps
Sulfur	34-1	356671	354959	349957	353862	0.99	cps
Terbium	159-1	6134975	6092569	6132794	6120113	0.39	cps
Terbium	159-2	2487900	2480969	2505977	2491615	0.52	cps
Thallium	203-1	117525	118549	118986	118353	0.63	cps
Thallium	205-1	284493	284740	285056	284763	0.10	cps
Tin	118-1	59234	59000	59669	59301	0.57	cps
Titanium	47-1	48413	49668	48606	48896	1.38	cps
Uranium	238-1	457755	451325	456937	455339	0.77	cps
Vanadium	51-2	18465	18472	18191	18376	0.87	cps
Yttrium	89-1	3408868	3392446	3366050	3389122	0.64	cps
Yttrium	89-2	427002	425669	429148	427273	0.41	cps
Zinc	66-2	6462	6578	6575	6538	1.02	cps
Zirconium	90-1	109239	109525	106636	108467	1.47	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:09:37	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	24522	24447	23820	24263	1.59	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:13:09	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20531	20648	20531	20570	0.33	cps
Antimony	121-1	83473	81377	81009	81953	1.62	cps
Arsenic	75-2	2008	2121	2017	2048	3.06	cps
Barium	135-1	96149	96182	94025	95452	1.29	cps
Barium	137-1	169775	168317	167119	168404	0.79	cps
Beryllium	9-1	34434	34907	34200	34514	1.04	cps
Bismuth	209-1	4919839	4857812	4789541	4855731	1.34	cps
Bismuth	209-2	2222636	2193592	2208570	2208266	0.66	cps
Boron	10-1	4276	4359	4509	4381	2.70	cps
Boron	11-1	19146	19805	19138	19363	1.98	cps
Cadmium	111-1	19022	19308	18745	19025	1.48	cps
Cadmium	106-1	3442	3759	3242	3481	7.48	cps
Cadmium	108-1	1463	1383	1367	1404	3.65	cps
Calcium	43-1	235528	235857	233532	234973	0.54	cps
Calcium	44-1	3894061	3864313	3869968	3876114	0.41	cps
Chromium	52-2	22471	22794	22093	22453	1.56	cps
Cobalt	59-2	35139	35446	34818	35134	0.89	cps
Copper	63-2	49561	49075	48239	48958	1.37	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	158	158	108	142	20.38	cps
Erbium	164-2	63	50	63	59	13.07	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	23	23	43	30	38.49	cps
Holmium	165-1	6289534	6284836	6175625	6249998	1.03	cps
Holmium	165-2	2678378	2627321	2656443	2654047	0.97	cps
Indium	115-1	3716226	3677719	3642232	3678726	1.01	cps
Indium	115-2	607859	599902	606046	604602	0.69	cps
Iron	56-2	905438	905841	904572	905284	0.07	cps
Iron	57-2	22557	22729	22256	22514	1.06	cps
Lead	206-1	96739	94461	93443	94881	1.78	cps
Lead	207-1	87934	89030	87743	88235	0.79	cps
Lead	208-1	397041	395148	391772	394654	0.68	cps
Lithium	6-1	2260431	2237234	2221336	2239667	0.88	cps
Magnesium	24-2	1105691	1108500	1106216	1106802	0.13	cps
Manganese	55-2	64159	64353	64209	64241	0.16	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:13:09	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	128556	126909	127432	127632	0.66	cps
Molybdenum	95-1	154056	155716	156179	155317	0.72	cps
Molybdenum	96-1	174006	173770	174118	173965	0.10	cps
Molybdenum	97-1	96224	97784	98036	97348	1.01	cps
Molybdenum	98-1	255051	251674	254369	253698	0.70	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	9210	9323	9110	9214	1.16	cps
Phosphorus	31-2	142	150	175	156	11.15	cps
Potassium	39-2	120782	120099	121956	120946	0.78	cps
Rhodium	103-1	3084254	3070302	3042461	3065672	0.69	cps
Rhodium	103-2	1464257	1446994	1450587	1453946	0.63	cps
Scandium	45-1	2419113	2417007	2393488	2409869	0.59	cps
Scandium	45-2	104256	101424	103210	102964	1.39	cps
Selenium	77-2	47	57	33	46	25.70	cps
Selenium	78-2	143	119	126	129	9.56	cps
Selenium	82-1	1047	1028	992	1022	2.70	cps
Silicon	28-1	19979200	19867751	19705300	19850750	0.69	cps
Silver	109-1	86842	85105	86690	86212	1.12	cps
Silver	107-1	89482	89088	89473	89348	0.25	cps
Sodium	23-2	3485099	3470238	3493853	3483063	0.34	cps
Strontium	86-1	128696	128496	127419	128204	0.54	cps
Strontium	88-1	1116119	1112673	1106323	1111705	0.45	cps
Sulfur	34-1	350247	351455	354661	352121	0.65	cps
Terbium	159-1	6174909	6168067	6033878	6125618	1.30	cps
Terbium	159-2	2522847	2481917	2498202	2500989	0.82	cps
Thallium	203-1	118088	118296	117734	118039	0.24	cps
Thallium	205-1	285455	284841	281794	284030	0.69	cps
Tin	118-1	60423	58330	60197	59650	1.93	cps
Titanium	47-1	48581	48915	49760	49085	1.24	cps
Uranium	238-1	458753	452346	448779	453293	1.11	cps
Vanadium	51-2	17904	18418	18045	18122	1.47	cps
Yttrium	89-1	3424193	3408909	3368504	3400535	0.85	cps
Yttrium	89-2	435544	428702	429602	431283	0.86	cps
Zinc	66-2	6638	6838	6718	6732	1.50	cps
Zirconium	90-1	108988	107317	106158	107488	1.32	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01MSDDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:13:09	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	24146	23896	24355	24132	0.95	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:16:41	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20974	21541	21274	21263	1.34	cps
Antimony	121-1	82877	81587	80984	81816	1.18	cps
Arsenic	75-2	1935	2096	2072	2035	4.27	cps
Barium	135-1	95661	97097	96628	96462	0.76	cps
Barium	137-1	170940	174517	168039	171165	1.90	cps
Beryllium	9-1	34768	34551	34100	34473	0.99	cps
Bismuth	209-1	4879203	4625592	4821245	4775347	2.78	cps
Bismuth	209-2	2219854	2195795	2206712	2207454	0.55	cps
Boron	10-1	4467	4184	4468	4373	3.74	cps
Boron	11-1	18946	18946	19004	18965	0.18	cps
Cadmium	111-1	19120	19869	19469	19486	1.92	cps
Cadmium	106-1	3384	3584	3434	3467	3.00	cps
Cadmium	108-1	1479	1396	1429	1435	2.92	cps
Calcium	43-1	238679	238763	238697	238713	0.02	cps
Calcium	44-1	3966708	3943967	3920650	3943775	0.58	cps
Chromium	52-2	23095	22744	23015	22951	0.80	cps
Cobalt	59-2	35142	35640	35309	35364	0.72	cps
Copper	63-2	47744	49310	48524	48526	1.61	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	133	83	125	114	23.52	cps
Erbium	164-2	60	40	47	49	20.83	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	27	40	33	33	20.00	cps
Holmium	165-1	6272631	5929996	6164483	6122370	2.86	cps
Holmium	165-2	2670674	2618800	2637501	2642325	0.99	cps
Indium	115-1	3679098	3509233	3633360	3607230	2.44	cps
Indium	115-2	603880	595369	597887	599045	0.73	cps
Iron	56-2	909210	904770	905773	906585	0.26	cps
Iron	57-2	22679	23503	23269	23150	1.83	cps
Lead	206-1	96984	95596	95843	96141	0.77	cps
Lead	207-1	88806	88974	90104	89295	0.79	cps
Lead	208-1	402505	397593	400519	400206	0.62	cps
Lithium	6-1	2247636	2163392	2224847	2211958	1.97	cps
Magnesium	24-2	1117169	1112219	1112308	1113899	0.25	cps
Manganese	55-2	65194	64732	64400	64775	0.62	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:16:41	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	129280	128683	130560	129508	0.74	cps
Molybdenum	95-1	155453	154705	154745	154968	0.27	cps
Molybdenum	96-1	173637	175500	175323	174820	0.59	cps
Molybdenum	97-1	98765	99504	99479	99249	0.42	cps
Molybdenum	98-1	255432	258346	256997	256925	0.57	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	9416	9100	9357	9291	1.81	cps
Phosphorus	31-2	108	125	158	131	19.50	cps
Potassium	39-2	121830	119175	120931	120645	1.12	cps
Rhodium	103-1	3090024	2945562	3057170	3030919	2.50	cps
Rhodium	103-2	1460608	1437136	1443174	1446973	0.84	cps
Scandium	45-1	2408016	2313508	2380155	2367226	2.05	cps
Scandium	45-2	102038	100716	101884	101546	0.71	cps
Selenium	77-2	37	47	33	39	17.85	cps
Selenium	78-2	137	152	169	152	10.33	cps
Selenium	82-1	1019	1048	1017	1028	1.67	cps
Silicon	28-1	19844711	19712418	19796726	19784618	0.34	cps
Silver	109-1	87939	86313	86263	86839	1.10	cps
Silver	107-1	89356	89792	91109	90086	1.01	cps
Sodium	23-2	3514240	3505839	3520995	3513691	0.22	cps
Strontium	86-1	127234	128908	126838	127660	0.86	cps
Strontium	88-1	1131283	1128823	1128428	1129511	0.14	cps
Sulfur	34-1	351714	349477	353533	351575	0.58	cps
Terbium	159-1	6186053	5813427	6039769	6013083	3.12	cps
Terbium	159-2	2526771	2488966	2513507	2509748	0.76	cps
Thallium	203-1	119593	120072	118717	119461	0.58	cps
Thallium	205-1	284894	285795	284936	285208	0.18	cps
Tin	118-1	59301	60180	61293	60258	1.66	cps
Titanium	47-1	49418	49534	49593	49515	0.18	cps
Uranium	238-1	459707	459271	457879	458952	0.21	cps
Vanadium	51-2	18512	18739	18081	18444	1.81	cps
Yttrium	89-1	3405804	3248960	3382243	3345669	2.53	cps
Yttrium	89-2	433101	427885	430251	430412	0.61	cps
Zinc	66-2	6545	6425	6772	6580	2.68	cps
Zirconium	90-1	109206	110919	110322	110149	0.79	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0442ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:16:41	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	24480	25707	24622	24936	2.69	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0453DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:20:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	508	592	539	8.52	cps
Antimony	121-1	400	392	367	386	4.49	cps
Arsenic	75-2	20	9	15	15	37.50	cps
Barium	135-1	3359	3309	3601	3423	4.56	cps
Barium	137-1	6360	6060	5485	5968	7.45	cps
Beryllium	9-1	394	261	306	320	21.19	cps
Bismuth	209-1	4885284	4871751	4905818	4887618	0.35	cps
Bismuth	209-2	2201255	2223706	2250102	2225021	1.10	cps
Boron	10-1	608	767	725	700	11.73	cps
Boron	11-1	2867	2825	2717	2803	2.76	cps
Cadmium	111-1	1565	1590	1534	1563	1.79	cps
Cadmium	106-1	1533	1633	1425	1531	6.81	cps
Cadmium	108-1	42	17	25	28	45.82	cps
Calcium	43-1	35945	36438	36187	36190	0.68	cps
Calcium	44-1	649332	650698	646945	648992	0.29	cps
Chromium	52-2	173	247	207	209	17.58	cps
Cobalt	59-2	307	273	307	296	6.51	cps
Copper	63-2	1610	1560	1480	1550	4.23	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	33	33	50	39	24.74	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	33	23	37	31	22.31	cps
Holmium	165-1	6136010	6173835	6265917	6191921	1.08	cps
Holmium	165-2	2601670	2631120	2665775	2632855	1.22	cps
Indium	115-1	3625128	3631345	3653001	3636491	0.40	cps
Indium	115-2	595044	603884	611434	603454	1.36	cps
Iron	56-2	74862	73701	73796	74120	0.87	cps
Iron	57-2	1806	1733	2045	1861	8.75	cps
Lead	206-1	394	339	378	370	7.70	cps
Lead	207-1	356	367	328	350	5.72	cps
Lead	208-1	1600	1667	1583	1617	2.73	cps
Lithium	6-1	2223432	2239769	2236395	2233199	0.39	cps
Magnesium	24-2	47535	46038	49399	47658	3.53	cps
Manganese	55-2	32085	31908	31654	31882	0.68	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0453DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:20:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	383	250	347	24.52	cps
Molybdenum	95-1	183	158	233	192	19.93	cps
Molybdenum	96-1	200	225	258	228	12.85	cps
Molybdenum	97-1	200	142	150	164	19.25	cps
Molybdenum	98-1	308	292	333	311	6.74	cps
Neodymium	150-1	33	47	13	31	53.94	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	237	267	200	234	14.24	cps
Phosphorus	31-2	133	92	117	114	18.41	cps
Potassium	39-2	61721	60733	58700	60385	2.55	cps
Rhodium	103-1	3034941	3026980	3056016	3039312	0.49	cps
Rhodium	103-2	1423484	1444151	1459987	1442540	1.27	cps
Scandium	45-1	2385862	2379117	2405868	2390282	0.58	cps
Scandium	45-2	101059	102276	105918	103085	2.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	9	6	9	32.69	cps
Selenium	82-1	-21	9	-8	-6	-237.19	cps
Silicon	28-1	19562759	19713297	19672876	19649644	0.40	cps
Silver	109-1	408	383	383	392	3.69	cps
Silver	107-1	433	350	392	392	10.64	cps
Sodium	23-2	12403675	12406290	12340819	12383594	0.30	cps
Strontium	86-1	15960	15484	14925	15456	3.35	cps
Strontium	88-1	134745	132565	133206	133505	0.84	cps
Sulfur	34-1	371854	373693	375777	373774	0.53	cps
Terbium	159-1	5996461	6058986	6129586	6061677	1.10	cps
Terbium	159-2	2472327	2495364	2526003	2497898	1.08	cps
Thallium	203-1	200	192	133	175	20.76	cps
Thallium	205-1	433	358	333	375	13.88	cps
Tin	118-1	467	442	492	467	5.36	cps
Titanium	47-1	325	442	350	372	16.50	cps
Uranium	238-1	1392	1217	1442	1350	8.75	cps
Vanadium	51-2	57	67	87	70	21.82	cps
Yttrium	89-1	3386842	3395854	3393829	3392175	0.14	cps
Yttrium	89-2	427551	431252	436657	431820	1.06	cps
Zinc	66-2	503	547	577	542	6.80	cps
Zirconium	90-1	533	600	675	603	11.76	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0453DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:20:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	108	167	122	32.22	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0454DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:23:47	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	142	136	7.07	cps
Antimony	121-1	367	283	400	350	17.17	cps
Arsenic	75-2	9	11	6	9	32.69	cps
Barium	135-1	6560	6652	6318	6510	2.65	cps
Barium	137-1	11247	11639	11313	11400	1.84	cps
Beryllium	9-1	294	233	200	243	19.74	cps
Bismuth	209-1	4954714	4868545	4885081	4902780	0.93	cps
Bismuth	209-2	2321407	2164149	2264947	2250168	3.54	cps
Boron	10-1	517	533	658	569	13.60	cps
Boron	11-1	2234	2467	2409	2370	5.12	cps
Cadmium	111-1	1095	1197	1097	1130	5.18	cps
Cadmium	106-1	1525	1667	1533	1575	5.05	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	96749	94972	95709	95810	0.93	cps
Calcium	44-1	1630111	1604917	1606990	1614006	0.87	cps
Chromium	52-2	150	213	190	184	17.37	cps
Cobalt	59-2	117	127	130	124	5.57	cps
Copper	63-2	1510	1463	1373	1449	4.80	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	33	50	8	31	68.64	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	50	20	23	31	52.86	cps
Holmium	165-1	6278799	6130909	6133416	6181041	1.37	cps
Holmium	165-2	2718986	2574170	2669843	2654333	2.77	cps
Indium	115-1	3716246	3631180	3647165	3664864	1.23	cps
Indium	115-2	625254	587540	608211	607001	3.11	cps
Iron	56-2	12083	11288	11460	11610	3.60	cps
Iron	57-2	333	489	506	443	21.46	cps
Lead	206-1	322	272	411	335	20.99	cps
Lead	207-1	244	261	244	250	3.85	cps
Lead	208-1	1233	1245	1406	1295	7.45	cps
Lithium	6-1	2264151	2234451	2231539	2243380	0.80	cps
Magnesium	24-2	241339	238389	237839	239189	0.79	cps
Manganese	55-2	12949	13169	13483	13201	2.03	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0454DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:23:47	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	150	317	200	50.69	cps
Molybdenum	95-1	150	117	108	125	17.64	cps
Molybdenum	96-1	108	175	167	150	24.22	cps
Molybdenum	97-1	8	50	92	50	83.34	cps
Molybdenum	98-1	217	183	167	189	13.48	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	120	123	137	127	6.96	cps
Phosphorus	31-2	125	100	108	111	11.46	cps
Potassium	39-2	61411	61621	60625	61219	0.86	cps
Rhodium	103-1	3105431	3034454	3047414	3062433	1.23	cps
Rhodium	103-2	1491838	1409517	1461704	1454353	2.86	cps
Scandium	45-1	2445849	2382210	2429831	2419297	1.37	cps
Scandium	45-2	107023	100260	103988	103757	3.26	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	9	4	9	7	43.34	cps
Selenium	82-1	30	-15	1	5	448.12	cps
Silicon	28-1	20069273	19866559	19972936	19969590	0.51	cps
Silver	109-1	392	542	383	439	20.30	cps
Silver	107-1	400	467	342	403	15.53	cps
Sodium	23-2	8741786	8711188	8696592	8716522	0.26	cps
Strontium	86-1	58537	57942	59533	58671	1.37	cps
Strontium	88-1	518308	507582	511176	512355	1.07	cps
Sulfur	34-1	350492	352321	350471	351094	0.30	cps
Terbium	159-1	6137297	6014717	6021483	6057832	1.14	cps
Terbium	159-2	2590279	2438719	2520424	2516474	3.01	cps
Thallium	203-1	75	58	58	64	15.05	cps
Thallium	205-1	175	125	133	144	18.54	cps
Tin	118-1	450	467	350	422	14.95	cps
Titanium	47-1	158	192	158	169	11.36	cps
Uranium	238-1	1967	1984	2067	2006	2.67	cps
Vanadium	51-2	43	67	47	52	24.17	cps
Yttrium	89-1	3434317	3380006	3397004	3403776	0.82	cps
Yttrium	89-2	445784	419206	436413	433801	3.11	cps
Zinc	66-2	583	530	617	577	7.58	cps
Zirconium	90-1	342	383	308	344	10.91	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	I6649-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0454DL	Dilution Factor :	20
Date & Time Acquired ::	2017-12-01 14:23:47	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	108	83	100	14.43	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:27:18	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2104317	2107896	2090531	2100915	0.44	cps
Antimony	121-1	1416837	1426437	1433473	1425582	0.59	cps
Arsenic	75-2	36201	36158	35993	36117	0.30	cps
Barium	135-1	1685990	1675496	1684743	1682076	0.34	cps
Barium	137-1	2973402	2970721	2995572	2979898	0.46	cps
Beryllium	9-1	607934	606887	609873	608232	0.25	cps
Bismuth	209-1	4583117	4630281	4568216	4593872	0.71	cps
Bismuth	209-2	2067152	2110855	2101712	2093240	1.10	cps
Boron	10-1	70498	72624	74827	72650	2.98	cps
Boron	11-1	322615	326966	335297	328293	1.96	cps
Cadmium	111-1	307051	306347	311284	308227	0.87	cps
Cadmium	106-1	35863	35955	36674	36164	1.23	cps
Cadmium	108-1	24467	24843	24413	24574	0.95	cps
Calcium	43-1	2164721	2157009	2168661	2163464	0.27	cps
Calcium	44-1	34449626	34496666	34633512	34526601	0.28	cps
Chromium	52-2	407139	405026	406287	406151	0.26	cps
Cobalt	59-2	624749	623522	616542	621605	0.71	cps
Copper	63-2	859074	858236	857576	858295	0.09	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	58	17	17	31	78.72	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	37	37	40	38	5.09	cps
Holmium	165-1	6205457	6274598	6145986	6208681	1.04	cps
Holmium	165-2	2607232	2672836	2646672	2642246	1.25	cps
Indium	115-1	3521347	3581866	3523970	3542394	0.97	cps
Indium	115-2	580459	594717	592408	589195	1.30	cps
Iron	56-2	81248002	81360218	80640457	81082893	0.48	cps
Iron	57-2	1956458	1949011	1935031	1946833	0.56	cps
Lead	206-1	1636431	1635656	1651016	1641034	0.53	cps
Lead	207-1	1514169	1519101	1526526	1519932	0.41	cps
Lead	208-1	6844589	6826438	6879187	6850071	0.39	cps
Lithium	6-1	2184750	2207510	2188077	2193446	0.56	cps
Magnesium	24-2	27046377	26962042	26843336	26950585	0.38	cps
Manganese	55-2	440713	441208	438262	440061	0.36	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:27:18	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2499520	2489685	2497796	2495667	0.21	cps
Molybdenum	95-1	3027764	3013352	3031360	3024159	0.32	cps
Molybdenum	96-1	3393165	3368225	3391134	3384175	0.41	cps
Molybdenum	97-1	1896692	1891670	1893580	1893981	0.13	cps
Molybdenum	98-1	4969720	4956849	5000891	4975820	0.46	cps
Neodymium	150-1	120	167	160	149	16.95	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	158634	158900	157161	158232	0.59	cps
Phosphorus	31-2	17995	17936	17720	17884	0.81	cps
Potassium	39-2	8097217	8132321	8070599	8100046	0.38	cps
Rhodium	103-1	2908367	2933538	2900318	2914074	0.59	cps
Rhodium	103-2	1359797	1387094	1393735	1380209	1.30	cps
Scandium	45-1	2436754	2478928	2455910	2457197	0.86	cps
Scandium	45-2	104643	108514	107343	106833	1.86	cps
Selenium	77-2	683	667	723	691	4.21	cps
Selenium	78-2	2237	2278	2339	2285	2.24	cps
Selenium	82-1	17075	17408	17244	17242	0.96	cps
Silicon	28-1	20435267	20742461	20900458	20692729	1.14	cps
Silver	109-1	1388710	1381712	1390550	1386991	0.34	cps
Silver	107-1	1446937	1443431	1441164	1443844	0.20	cps
Sodium	23-2	50148833	49832204	49891066	49957368	0.34	cps
Strontium	86-1	402264	400007	403506	401926	0.44	cps
Strontium	88-1	3554813	3554890	3564803	3558169	0.16	cps
Sulfur	34-1	468931	469686	468083	468900	0.17	cps
Terbium	159-1	6043059	6141527	6030243	6071610	1.00	cps
Terbium	159-2	2472796	2532107	2505651	2503518	1.19	cps
Thallium	203-1	1998371	1985177	2003879	1995809	0.48	cps
Thallium	205-1	4903567	4887715	4893366	4894882	0.16	cps
Tin	118-1	1118955	1113198	1121968	1118040	0.40	cps
Titanium	47-1	962429	955582	962686	960232	0.42	cps
Uranium	238-1	8582955	8624872	8637993	8615273	0.33	cps
Vanadium	51-2	342459	339918	339956	340778	0.43	cps
Yttrium	89-1	3412713	3473302	3415899	3433971	0.99	cps
Yttrium	89-2	431814	444376	441251	439147	1.49	cps
Zinc	66-2	116506	116469	115035	116004	0.72	cps
Zirconium	90-1	2120056	2127225	2136398	2127893	0.38	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:27:18	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	474342	475689	481340	477124	0.78	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:30:50	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.32	cps
Antimony	121-1	5260	4576	4584	4807	8.16	cps
Arsenic	75-2	4	7	13	8	58.09	cps
Barium	135-1	42	42	50	44	10.82	cps
Barium	137-1	75	167	75	106	50.14	cps
Beryllium	9-1	611	606	583	600	2.45	cps
Bismuth	209-1	5066356	5022004	5076935	5055099	0.58	cps
Bismuth	209-2	2313386	2319013	2334097	2322165	0.46	cps
Boron	10-1	1767	1517	1625	1636	7.66	cps
Boron	11-1	7919	7594	7060	7524	5.76	cps
Cadmium	111-1	1079	1166	1046	1097	5.64	cps
Cadmium	106-1	1542	1642	1475	1553	5.40	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	208	75	150	144	46.27	cps
Calcium	44-1	80553	80922	81768	81081	0.77	cps
Chromium	52-2	137	123	143	134	7.57	cps
Cobalt	59-2	57	67	87	70	21.82	cps
Copper	63-2	840	877	1040	919	11.59	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	8	17	33	19	65.47	cps
Gadolinium	160-2	13	33	27	24	41.66	cps
Holmium	165-1	6324382	6390235	6452613	6389076	1.00	cps
Holmium	165-2	2695330	2714550	2731247	2713709	0.66	cps
Indium	115-1	3790659	3818275	3829468	3812801	0.52	cps
Indium	115-2	633617	635557	639606	636260	0.48	cps
Iron	56-2	4434	4384	4501	4440	1.32	cps
Iron	57-2	100	122	144	122	18.18	cps
Lead	206-1	750	694	739	728	4.04	cps
Lead	207-1	845	683	711	746	11.54	cps
Lead	208-1	3384	3311	3384	3360	1.24	cps
Lithium	6-1	2318255	2305272	2333530	2319019	0.61	cps
Magnesium	24-2	1033	1017	950	1000	4.41	cps
Manganese	55-2	73	70	100	81	20.27	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:30:50	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	925	975	900	933	4.09	cps
Molybdenum	95-1	1108	1083	1100	1097	1.16	cps
Molybdenum	96-1	1550	1175	1367	1364	13.75	cps
Molybdenum	97-1	792	708	617	706	12.41	cps
Molybdenum	98-1	1859	1633	1650	1714	7.32	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	67	87	74	14.39	cps
Phosphorus	31-2	175	192	133	167	18.03	cps
Potassium	39-2	17027	17136	16777	16980	1.08	cps
Rhodium	103-1	3217173	3206693	3253438	3225768	0.76	cps
Rhodium	103-2	1533631	1539506	1549243	1540793	0.51	cps
Scandium	45-1	2530919	2506330	2542943	2526731	0.74	cps
Scandium	45-2	111348	110297	111935	111193	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	20	7	15	45.42	cps
Selenium	82-1	-18	5	-14	-9	-137.72	cps
Silicon	28-1	21318014	21011477	21131150	21153547	0.73	cps
Silver	109-1	217	233	175	208	14.42	cps
Silver	107-1	233	142	267	214	30.26	cps
Sodium	23-2	32561	31693	30482	31579	3.31	cps
Strontium	86-1	133	150	125	136	9.35	cps
Strontium	88-1	208	142	142	164	23.49	cps
Sulfur	34-1	332160	332399	339312	334624	1.21	cps
Terbium	159-1	6236493	6294766	6332568	6287942	0.77	cps
Terbium	159-2	2566767	2586412	2602708	2585296	0.70	cps
Thallium	203-1	1025	1042	792	953	14.67	cps
Thallium	205-1	2650	2275	1967	2298	14.90	cps
Tin	118-1	1317	1175	1308	1267	6.28	cps
Titanium	47-1	83	158	108	117	32.73	cps
Uranium	238-1	275	325	308	303	8.41	cps
Vanadium	51-2	23	10	27	20	44.10	cps
Yttrium	89-1	3536769	3544393	3576696	3552619	0.60	cps
Yttrium	89-2	455976	459538	460364	458626	0.51	cps
Zinc	66-2	263	247	257	256	3.28	cps
Zirconium	90-1	717	967	733	806	17.35	cps

LB Number :	LB91896	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-12-01 14:30:50	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	225	242	208	21.17	cps