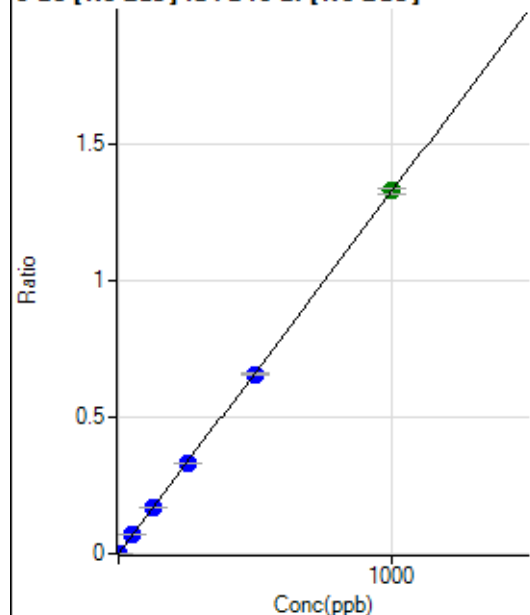


Batch Folder: D:\P8081417.b\
Analysis File: P8081417.batch.bin
DA Date-Time: 2017-08-15 10:49:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-14 13:09:02
2			
3	005CALS.d	S02	2017-08-14 13:15:58
4	006CALS.d	S03	2017-08-14 13:19:27
5	007CALS.d	S04	2017-08-14 13:22:56
6	008CALS.d	S05	2017-08-14 13:26:19
7	009CALS.d	S06	2017-08-14 13:29:36
8	010CALS.d	S07	2017-08-14 13:32:49
9	011CALS.d	S08	2017-08-14 13:35:57

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.15	0.0001	P	20.3
2	☐	0.100					
3	☐	1.000	0.908	1407.52	0.0013	P	4.0
4	☐	50.000	51.989	73896.59	0.0689	P	3.6
5	☐	125.000	125.735	184836.02	0.1666	P	0.5
6	☐	250.000	250.302	366633.32	0.3316	P	1.4
7	☐	500.000	495.163	724612.44	0.6558	P	0.7
8	☐	1000.000	1002.152	1476927.59	1.3272	A	1.7
9	☐			370.39	0.0003	P	6.2

$$y = 0.0013 * x + 8.8895E-005$$

$$R = 1.0000$$

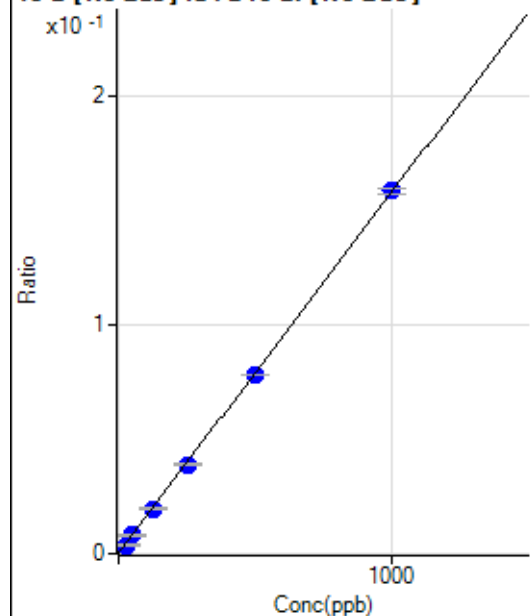
$$DL = 0.04079$$

$$BEC = 0.06713$$

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	308.35	0.0003	P	14.1
2	☐	2.500					
3	☐	25.000	22.203	4106.34	0.0038	P	9.1
4	☐	50.000	50.114	8741.92	0.0082	P	6.6
5	☐	125.000	122.685	21717.18	0.0196	P	2.1
6	☐	250.000	246.187	43121.28	0.0390	P	2.2
7	☐	500.000	492.771	85934.51	0.0778	P	0.0
8	☐	1000.000	1004.922	176179.42	0.1583	P	1.7
9	☐			5907.03	0.0053	P	9.5

$$y = 1.5726E-004 * x + 2.7930E-004$$

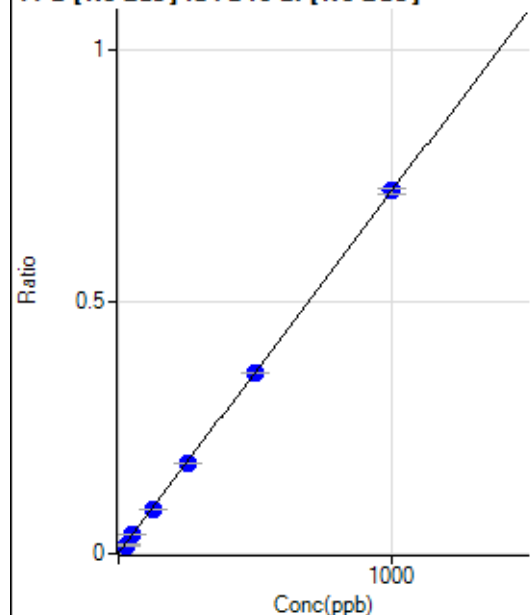
$$R = 1.0000$$

$$DL = 0.7519$$

$$BEC = 1.776$$

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	1366.79	0.0012	P	4.7
2	☐	2.500					
3	☐	25.000	21.952	18487.69	0.0170	P	4.4
4	☐	50.000	50.760	40332.69	0.0376	P	3.6
5	☐	125.000	122.231	98593.06	0.0889	P	0.5
6	☐	250.000	248.751	198572.11	0.1796	P	0.3
7	☐	500.000	498.468	396198.11	0.3586	P	0.4
8	☐	1000.000	1001.462	800290.73	0.7192	P	1.7
9	☐			26639.65	0.0240	P	7.6

$$y = 7.1687\text{E-}004 * x + 0.0012$$

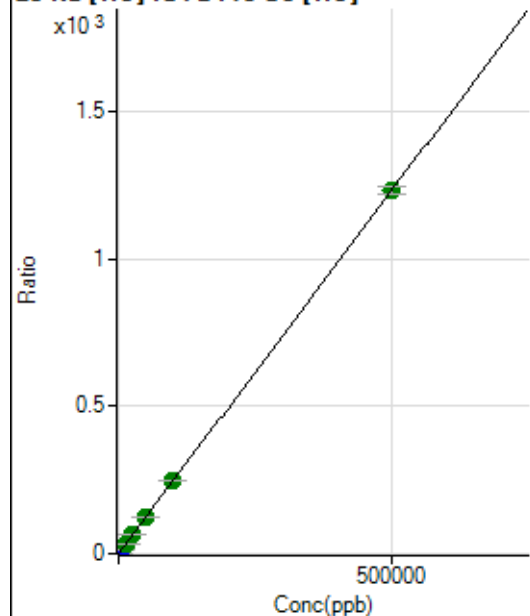
$$R = 1.0000$$

$$DL = 0.2436$$

$$BEC = 1.726$$

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	5648.55	0.1387	P	7.6
2	☐	50.000					
3	☐	500.000	459.691	50621.72	1.2721	P	1.0
4	☐	5000.000	4956.207	504670.32	12.3585	P	0.6
5	☐	12500.000	12524.521	1267253.31	31.0186	A	0.8
6	☐	25000.000	25392.947	2462125.79	62.7465	A	0.7
7	☐	50000.000	49843.205	4797932.79	123.0300	A	1.9
8	☐	100000.00	100804.16	9610426.08	248.6771	A	0.8
9	☐	500000.00	499835.06	48218618.09	1,232.510	A	2.2

$$y = 0.0025 * x + 0.1387$$

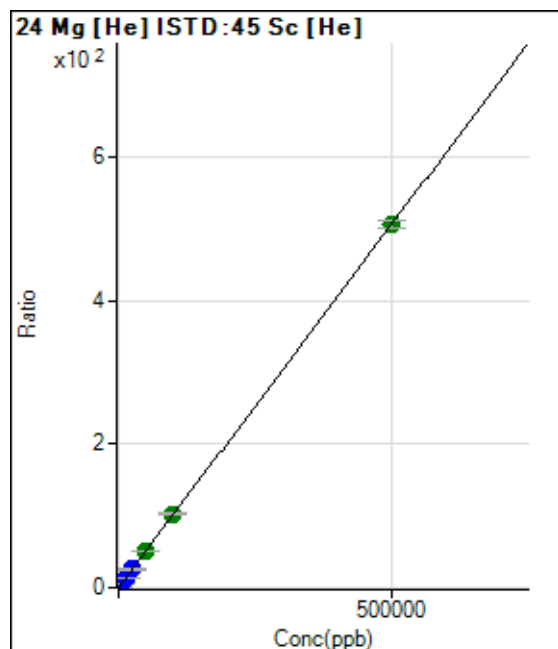
$$R = 1.0000$$

$$DL = 12.88$$

$$BEC = 56.26$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.02	0.0068	P	2.1
2	☐	50.000					
3	☐	500.000	456.127	18621.26	0.4679	P	0.9
4	☐	5000.000	4981.036	205927.73	5.0431	P	1.1
5	☐	12500.000	12384.534	511858.14	12.5287	P	0.6
6	☐	25000.000	25211.628	1000400.12	25.4981	P	1.7
7	☐	50000.000	50481.235	1990839.50	51.0481	A	1.7
8	☐	100000.00	101839.31	3979579.30	102.9760	A	1.0
9	☐	500000.00	499576.55	19762065.54	505.1263	A	2.0

$$y = 0.0010 * x + 0.0068$$

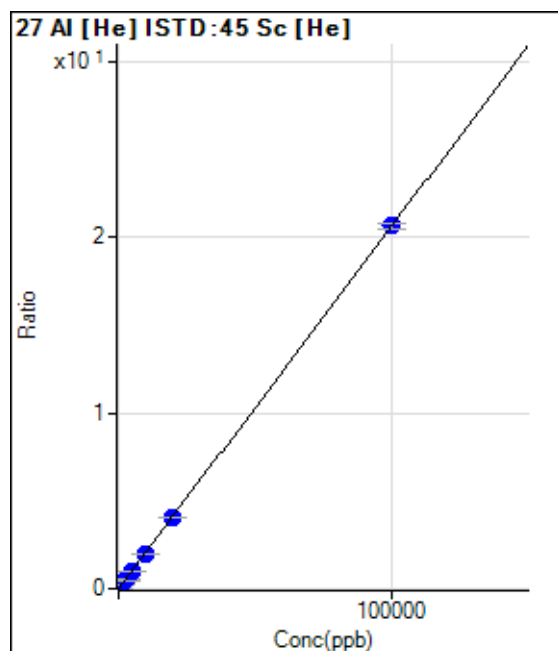
$$R = 1.0000$$

$$DL = 0.4112$$

$$BEC = 6.677$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0011	P	59.1
2	☐	2.000					
3	☐	20.000	13.694	155.56	0.0039	P	39.8
4	☐	1000.000	958.764	8119.29	0.1989	P	4.8
5	☐	2500.000	2392.338	20209.46	0.4946	P	2.3
6	☐	5000.000	4908.918	39773.26	1.0138	P	3.0
7	☐	10000.000	9585.968	77160.17	1.9788	P	3.0
8	☐	20000.000	19450.084	155119.77	4.0138	P	0.8
9	☐	100000.00	100159.04	808481.26	20.6648	P	1.9

$$y = 2.0631E-004 * x + 0.0011$$

$$R = 1.0000$$

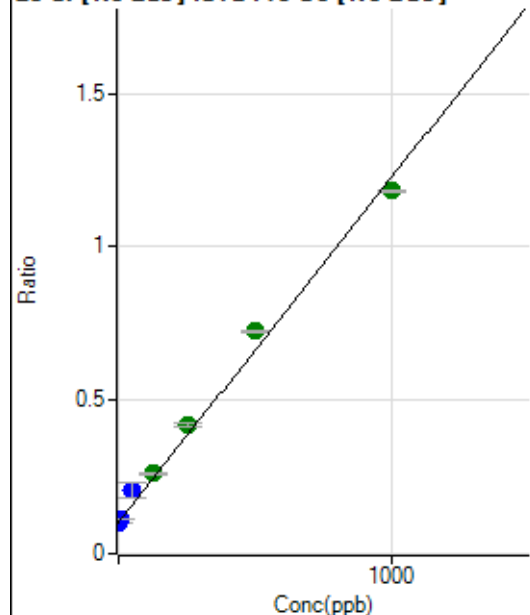
$$DL = 9.344$$

$$BEC = 5.267$$

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	399526.95	0.1018	P	0.7
2	☐	1.000					
3	☐	10.000	9.134	438410.13	0.1121	P	0.7
4	☐	50.000	92.805	794623.62	0.2061	P	23.7
5	☐	125.000	141.012	1025022.71	0.2603	A	2.3
6	☐	250.000	281.508	1629726.32	0.4182	A	2.6
7	☐	500.000	553.860	2786772.42	0.7242	A	0.5
8	☐	1000.000	961.060	4588822.28	1.1818	A	0.4
9	☐			438449.01	0.1130	P	1.2

$$y = 0.0011 * x + 0.1018$$

$$R = 0.9967$$

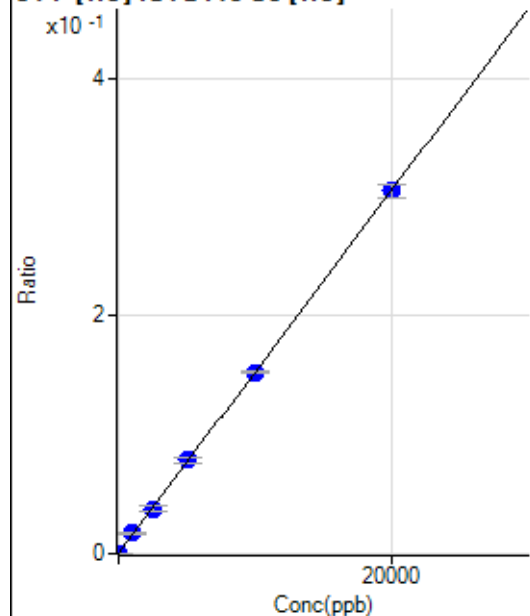
$$DL = 1.986$$

$$BEC = 90.62$$

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	6.611	13.89	0.0003	P	92.1
2	☐	0.000					
3	☐	0.000	-6.611	5.55	0.0001	P	86.6
4	☐	1000.000	1117.061	705.60	0.0173	P	5.8
5	☐	2500.000	2462.084	1544.60	0.0378	P	11.8
6	☐	5000.000	5129.399	3081.04	0.0785	P	4.7
7	☐	10000.000	9986.992	5951.49	0.1526	P	0.8
8	☐	20000.000	19973.041	11783.14	0.3049	P	3.7
9	☐			11.11	0.0003	P	41.3

$$y = 1.5255E-005 * x + 2.4021E-004$$

$$R = 1.0000$$

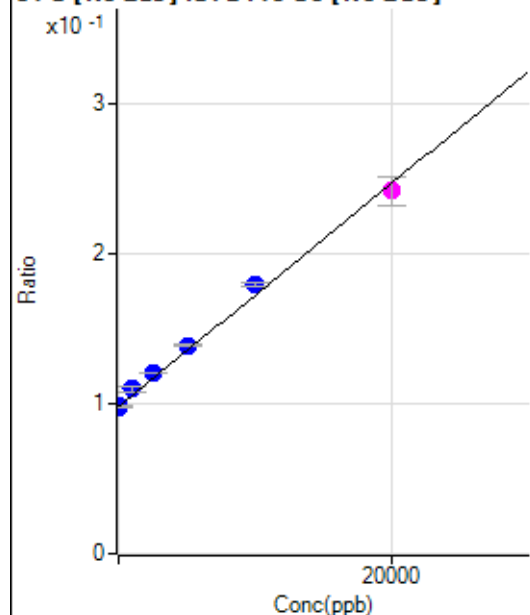
$$DL = 42.77$$

$$BEC = 15.75$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-52.429	382711.06	0.0975	P	0.0
2	☐	0.000					
3	☐	0.000	52.429	384518.95	0.0983	P	1.3
4	☐	1000.000	1583.675	420820.17	0.1097	P	3.2
5	☐	2500.000	3027.424	474351.91	0.1204	P	0.6
6	☐	5000.000	5447.626	539587.69	0.1384	P	1.2
7	☐	10000.000	10967.564	690575.19	0.1795	P	1.0
8	☐	20000.000	19309.200	937499.79	0.2415	M	7.9
9	☐			377029.04	0.0972	P	0.2

$$y = 7.4351\text{E-}006 * x + 0.0979$$

$$R = 0.9976$$

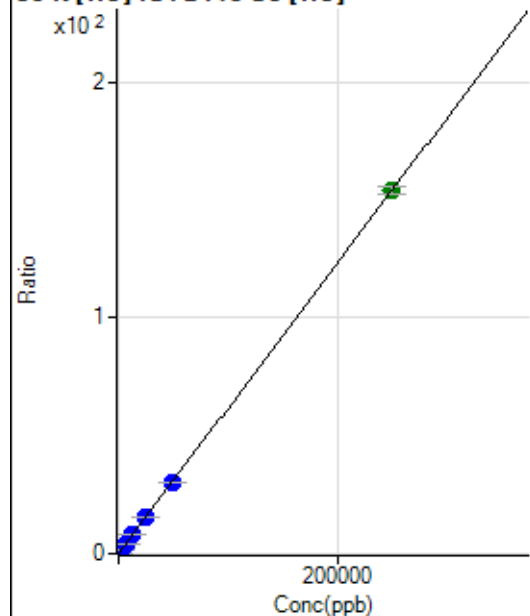
$$DL = 272.2$$

$$BEC = 1.317\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3803.47	0.0934	P	0.8
2	☐	50.000					
3	☐	500.000	464.859	15097.60	0.3794	P	1.6
4	☐	2500.000	2601.790	69170.35	1.6941	P	2.5
5	☐	6250.000	6291.597	161956.39	3.9642	P	0.5
6	☐	12500.000	12789.231	312398.03	7.9618	P	0.9
7	☐	25000.000	24774.875	598106.99	15.3358	P	1.2
8	☐	50000.000	49155.546	1172335.36	30.3357	P	1.2
9	☐	250000.00	250174.95	6025125.52	154.0102	A	2.3

$$y = 6.1524\text{E-}004 * x + 0.0934$$

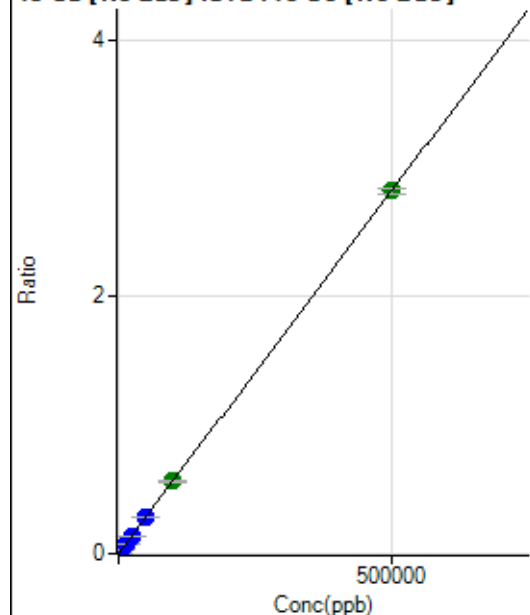
$$R = 1.0000$$

$$DL = 3.618$$

$$BEC = 151.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2617.04	0.0007	P	13.3
2	☐	50.000					
3	☐	500.000	436.238	12247.50	0.0031	P	3.1
4	☐	5000.000	5140.836	113926.27	0.0297	P	4.6
5	☐	12500.000	12332.045	276993.34	0.0703	P	1.6
6	☐	25000.000	24680.007	546037.50	0.1401	P	1.3
7	☐	50000.000	49460.576	1077706.68	0.2801	P	0.8
8	☐	100000.00	99575.970	2186838.98	0.5632	A	0.7
9	☐	500000.00	500157.60	10962362.05	2.8262	A	1.4

$$y = 5.6493\text{E-}006 * x + 6.6669\text{E-}004$$

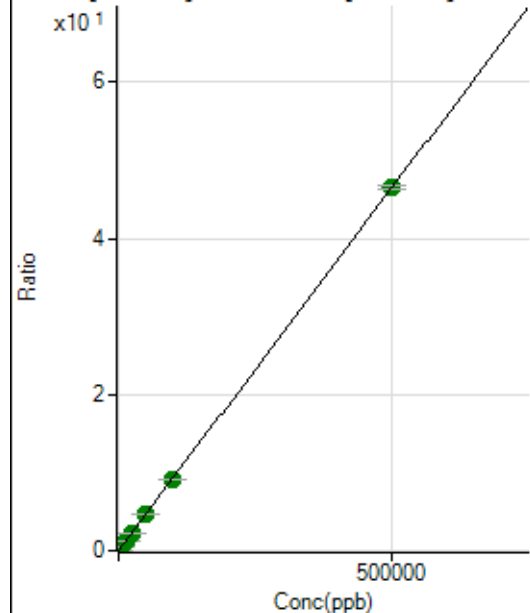
$$R = 1.0000$$

$$DL = 47.2$$

$$BEC = 118$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45223.87	0.0115	P	1.4
2	☐	50.000					
3	☐	500.000	447.729	207622.42	0.0531	P	2.0
4	☐	5000.000	5173.207	1885685.89	0.4917	A	4.4
5	☐	12500.000	12367.966	4566417.46	1.1595	A	1.9
6	☐	25000.000	24632.467	8956967.65	2.2979	A	1.2
7	☐	50000.000	49545.095	17739958.04	4.6104	A	0.5
8	☐	100000.00	97744.660	35273685.51	9.0843	A	0.3
9	☐	500000.00	500516.55	180252998.4	46.4701	A	1.0

$$y = 9.2821\text{E-}005 * x + 0.0115$$

$$R = 1.0000$$

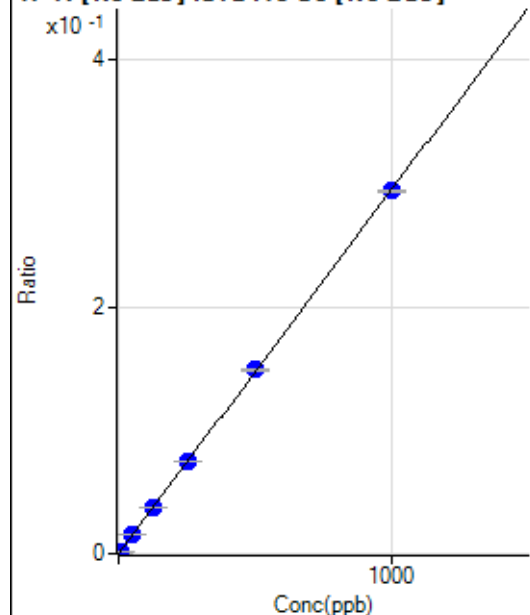
$$DL = 5.122$$

$$BEC = 124.2$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	23.6
2	☐	0.500					
3	☐	5.000	4.428	5240.10	0.0013	P	2.0
4	☐	50.000	51.380	58210.64	0.0152	P	3.7
5	☐	125.000	125.575	145880.92	0.0370	P	1.5
6	☐	250.000	252.364	290042.80	0.0744	P	0.6
7	☐	500.000	504.807	572576.10	0.1488	P	0.5
8	☐	1000.000	996.867	1140856.73	0.2938	P	0.3
9	☐			855.62	0.0002	P	5.9

$$y = 2.9470\text{E-}004 * x + 3.4715\text{E-}005$$

$$R = 1.0000$$

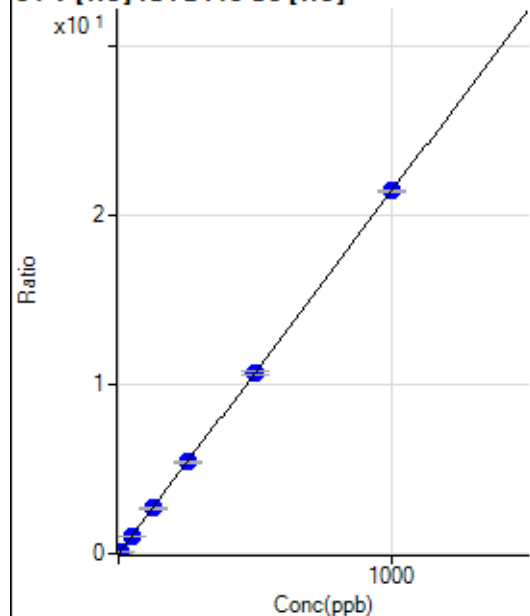
$$DL = 0.08329$$

$$BEC = 0.1178$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0005	P	9.6
2	☐	0.500					
3	☐	5.000	4.500	3862.82	0.0971	P	1.8
4	☐	50.000	49.604	43471.86	1.0646	P	1.5
5	☐	125.000	124.756	109353.51	2.6766	P	0.3
6	☐	250.000	252.326	212396.82	5.4131	P	0.8
7	☐	500.000	497.391	416115.73	10.6699	P	1.6
8	☐	1000.000	1000.776	829649.58	21.4678	P	0.8
9	☐			240.01	0.0061	P	1.8

$$y = 0.0215 * x + 5.4593\text{E-}004$$

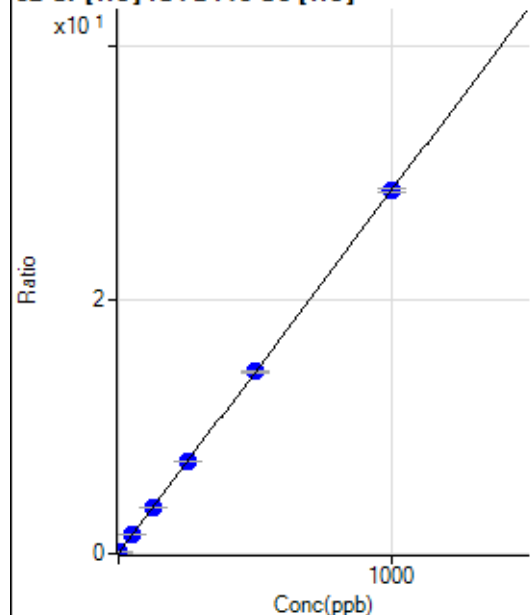
$$R = 1.0000$$

$$DL = 0.007362$$

$$BEC = 0.02545$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	915.60	0.0225	P	4.8
2	☐	0.200					
3	☐	2.000	1.996	3169.30	0.0796	P	4.4
4	☐	50.000	50.536	60009.15	1.4696	P	1.1
5	☐	125.000	125.205	147393.07	3.6078	P	1.0
6	☐	250.000	253.957	286225.28	7.2946	P	0.7
7	☐	500.000	500.335	559647.66	14.3497	P	1.2
8	☐	1000.000	998.791	1106164.42	28.6231	P	1.0
9	☐			4797.58	0.1226	P	2.3

$$y = 0.0286 * x + 0.0225$$

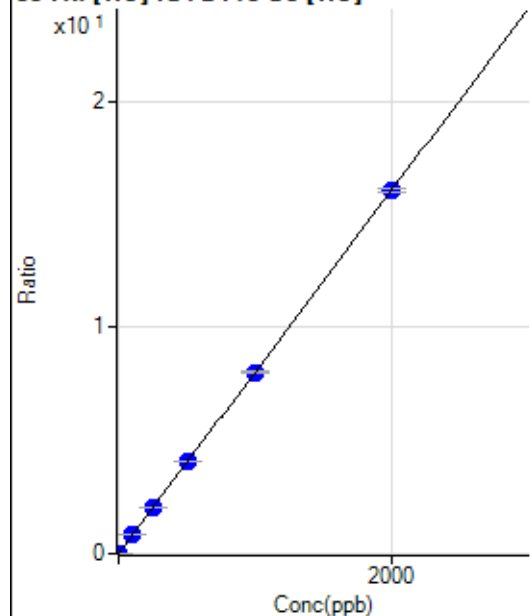
$$R = 1.0000$$

$$DL = 0.1139$$

$$BEC = 0.7853$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0020	P	12.4
2	☐	0.100					
3	☐	1.000	0.991	394.46	0.0099	P	9.6
4	☐	100.000	101.954	33492.50	0.8202	P	0.7
5	☐	250.000	254.734	83599.19	2.0463	P	1.3
6	☐	500.000	509.222	160429.27	4.0887	P	0.8
7	☐	1000.000	999.407	312872.32	8.0226	P	1.7
8	☐	2000.000	1997.301	619531.66	16.0310	P	0.9
9	☐			1707.91	0.0437	P	2.2

$$y = 0.0080 * x + 0.0020$$

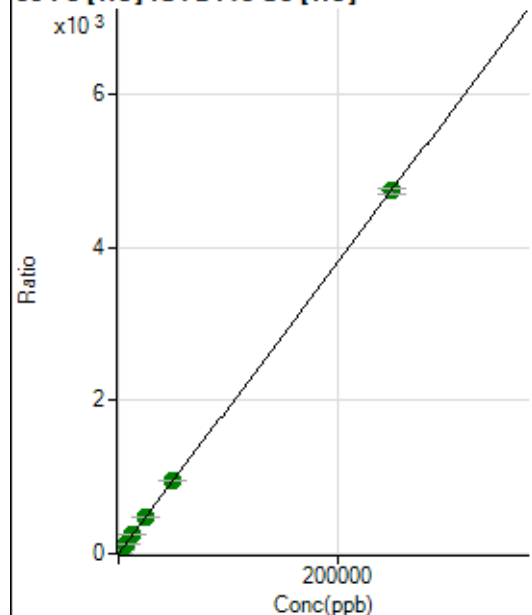
$$R = 1.0000$$

$$DL = 0.09119$$

$$BEC = 0.2447$$

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	2817.03	0.0692	P	7.0
2	☐	5.000					
3	☐	50.000	46.345	37785.08	0.9495	P	0.5
4	☐	2500.000	2635.713	2047236.65	50.1352	A	1.0
5	☐	6250.000	6387.205	4959505.49	121.3958	A	1.1
6	☐	12500.000	12841.213	9573405.19	243.9914	A	1.1
7	☐	25000.000	25406.812	18824884.91	482.6782	A	1.2
8	☐	50000.000	50596.493	37144757.78	961.1627	A	1.1
9	☐	250000.00	249818.17	185670531.9	4,745.430	A	1.4

$$y = 0.0190 * x + 0.0692$$

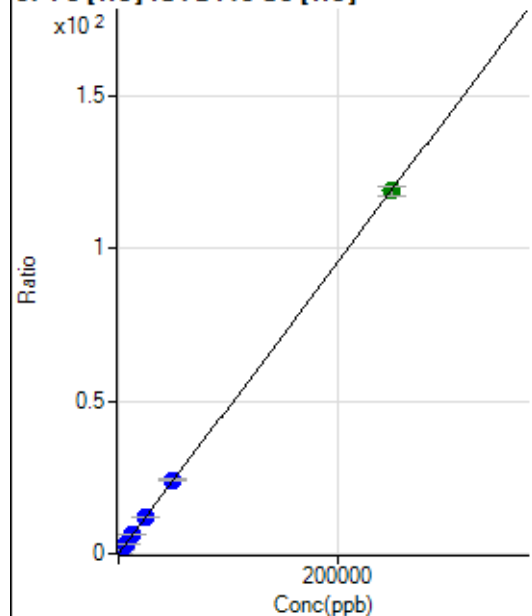
$$R = 1.0000$$

$$DL = 0.7648$$

$$BEC = 3.643$$

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	66.67	0.0016	P	22.9
2	☐	5.000					
3	☐	50.000	43.551	888.95	0.0223	P	2.9
4	☐	2500.000	2612.825	50770.64	1.2435	P	2.9
5	☐	6250.000	6441.769	125156.70	3.0634	P	0.3
6	☐	12500.000	12979.469	242125.38	6.1708	P	1.0
7	☐	25000.000	25535.078	473389.31	12.1385	P	1.7
8	☐	50000.000	50900.635	935020.53	24.1949	P	1.2
9	☐	250000.00	249736.47	4643785.17	118.7022	A	2.3

$$y = 4.7530E-004 * x + 0.0016$$

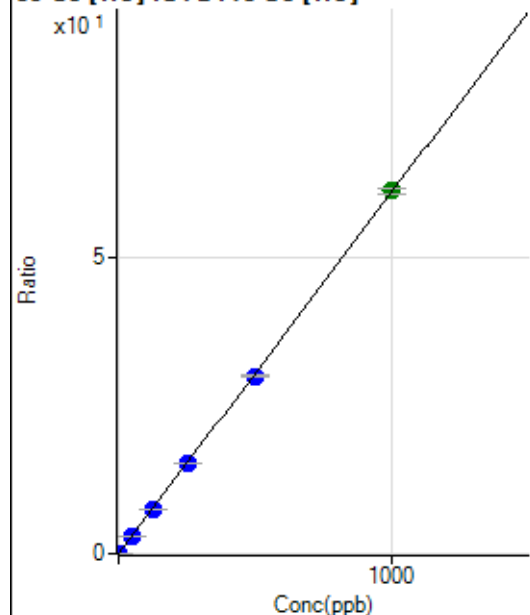
$$R = 1.0000$$

$$DL = 2.367$$

$$BEC = 3.449$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.45	0.0016	P	26.0
2	☐	0.100					
3	☐	1.000	0.912	2273.56	0.0571	P	2.4
4	☐	50.000	49.797	123944.15	3.0355	P	1.8
5	☐	125.000	123.149	306593.64	7.5046	P	0.8
6	☐	250.000	249.956	597557.83	15.2304	P	1.6
7	☐	500.000	491.582	1168079.97	29.9516	P	1.7
8	☐	1000.000	1004.462	2365062.12	61.1992	A	1.3
9	☐			2825.90	0.0722	P	3.8

$$y = 0.0609 * x + 0.0016$$

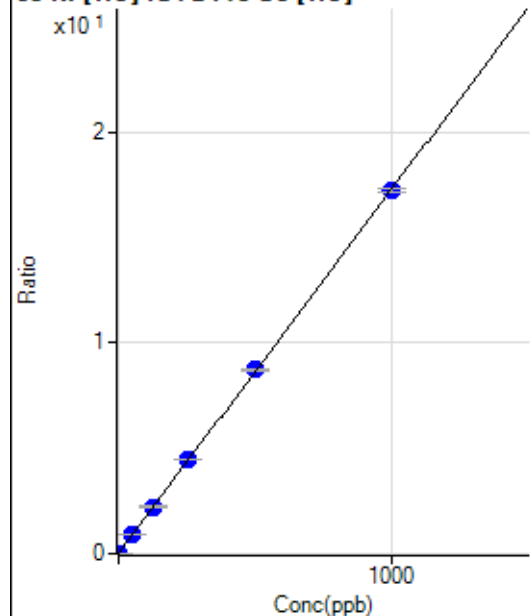
$$R = 0.9999$$

$$DL = 0.02026$$

$$BEC = 0.02599$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	503.35	0.0124	P	7.8
2	☐	0.100					
3	☐	1.000	0.886	1100.06	0.0277	P	6.3
4	☐	50.000	51.356	36705.16	0.8988	P	0.3
5	☐	125.000	128.119	90853.83	2.2239	P	1.9
6	☐	250.000	256.324	174095.72	4.4368	P	0.5
7	☐	500.000	503.867	339665.07	8.7098	P	1.9
8	☐	1000.000	996.028	664905.49	17.2051	P	1.0
9	☐			2015.74	0.0515	P	2.2

$$y = 0.0173 * x + 0.0124$$

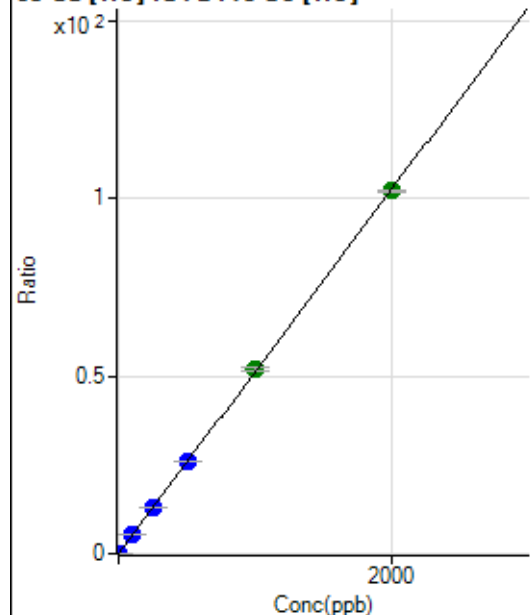
$$R = 1.0000$$

$$DL = 0.1678$$

$$BEC = 0.7162$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.45	0.0072	P	3.2
2	☐	0.200					
3	☐	2.000	2.072	4515.26	0.1135	P	2.2
4	☐	100.000	101.339	212471.70	5.2035	P	1.5
5	☐	250.000	250.455	524954.63	12.8495	P	1.0
6	☐	500.000	506.516	1019357.97	25.9792	P	0.9
7	☐	1000.000	1011.366	2022632.05	51.8657	A	2.0
8	☐	2000.000	1992.564	3948953.17	102.1773	A	0.3
9	☐			5719.06	0.1462	P	3.5

$$y = 0.0513 * x + 0.0072$$

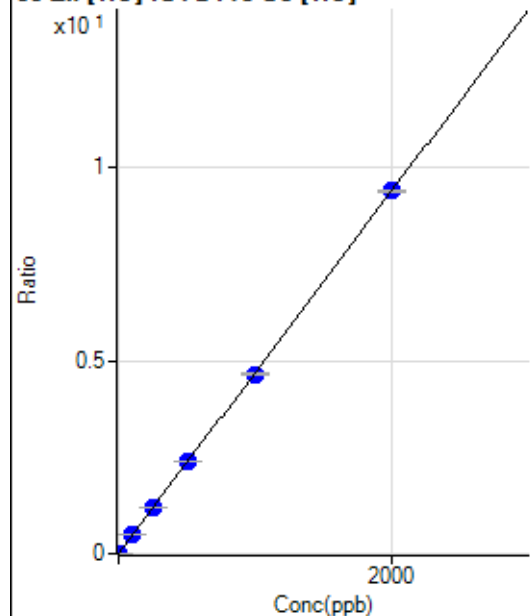
$$R = 1.0000$$

$$DL = 0.01338$$

$$BEC = 0.141$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0019	P	16.1
2	☐	0.200					
3	☐	2.000	1.974	444.46	0.0112	P	9.7
4	☐	100.000	102.673	19734.25	0.4833	P	0.5
5	☐	250.000	251.076	48167.88	1.1790	P	0.6
6	☐	500.000	509.613	93813.33	2.3911	P	1.5
7	☐	1000.000	990.765	181222.87	4.6468	P	1.5
8	☐	2000.000	2001.946	362785.04	9.3874	P	0.9
9	☐			1146.74	0.0293	P	2.9

$$y = 0.0047 * x + 0.0019$$

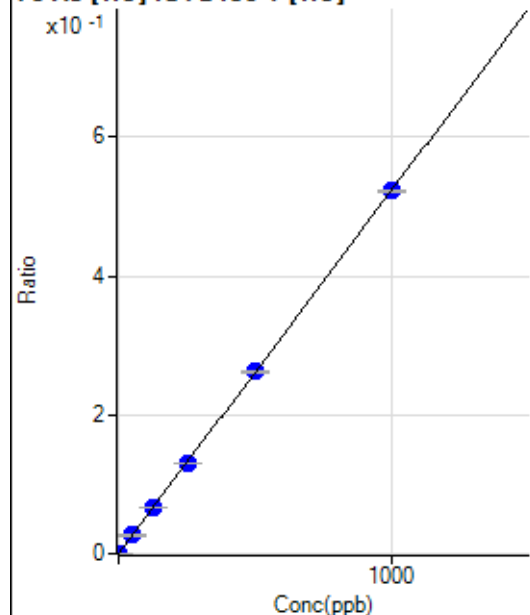
$$R = 1.0000$$

$$DL = 0.1969$$

$$BEC = 0.4073$$

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	3.70	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	0.963	137.66	0.0005	P	1.8
4	☐	50.000	50.563	7184.64	0.0265	P	3.0
5	☐	125.000	126.001	17672.50	0.0659	P	0.8
6	☐	250.000	251.132	34266.45	0.1313	P	0.2
7	☐	500.000	501.238	66821.59	0.2621	P	0.6
8	☐	1000.000	998.945	132482.65	0.5224	P	0.5
9	☐			50.00	0.0002	P	25.6

$$y = 5.2290\text{E-}004 * x + 1.3774\text{E-}005$$

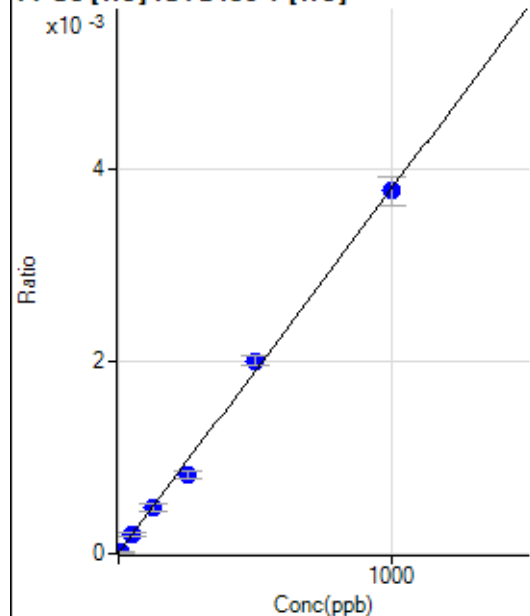
$$R = 1.0000$$

$$DL = 0.03954$$

$$BEC = 0.02634$$

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	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.260	4.44	0.0000	P	115.5
4	☐	50.000	49.723	53.33	0.0002	P	16.9
5	☐	125.000	124.809	128.89	0.0005	P	19.6
6	☐	250.000	214.921	214.45	0.0008	P	8.3
7	☐	500.000	528.688	512.24	0.0020	P	4.7
8	☐	1000.000	994.477	956.72	0.0038	P	8.0
9	☐			1.11	0.0000	P	173.2

$$y = 3.7846\text{E-}006 * x + 8.2816\text{E-}006$$

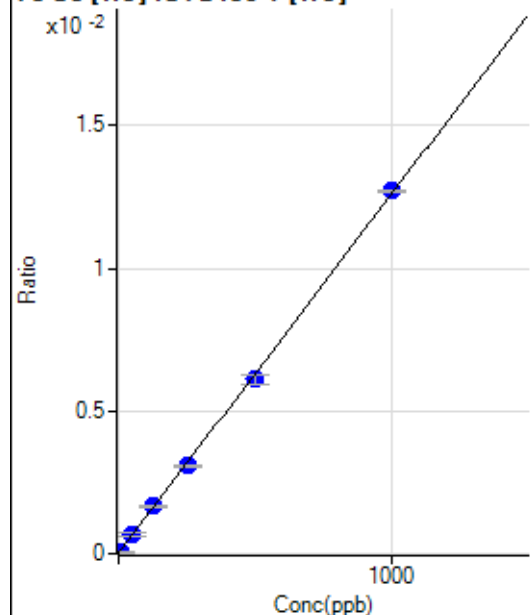
$$R = 0.9987$$

$$DL = 11.37$$

$$BEC = 2.188$$

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	4.94	0.0000	P	57.3
2	☐	0.500					
3	☐	5.000	1.862	11.11	0.0000	P	57.9
4	☐	50.000	51.650	181.49	0.0007	P	11.9
5	☐	125.000	130.778	446.31	0.0017	P	5.5
6	☐	250.000	243.860	805.59	0.0031	P	2.8
7	☐	500.000	483.654	1556.28	0.0061	P	5.7
8	☐	1000.000	1008.919	3225.10	0.0127	P	0.3
9	☐			3.70	0.0000	P	50.2

$$y = 1.2585\text{E-}005 * x + 1.8367\text{E-}005$$

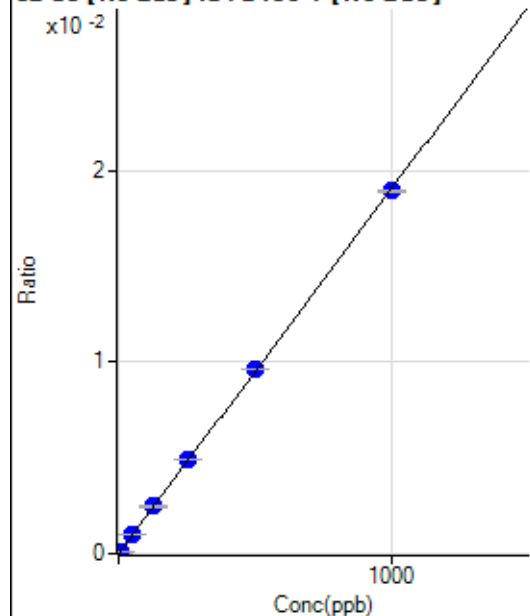
$$R = 0.9997$$

$$DL = 2.507$$

$$BEC = 1.459$$

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	-31.53	0.0000	P	-231.
2	☐	0.500					
3	☐	5.000	4.816	562.75	0.0001	P	12.8
4	☐	50.000	52.065	6320.44	0.0010	P	3.6
5	☐	125.000	129.357	16092.78	0.0025	P	1.2
6	☐	250.000	256.737	32034.53	0.0049	P	0.8
7	☐	500.000	506.189	63462.43	0.0096	P	0.4
8	☐	1000.000	994.574	126469.01	0.0189	P	0.7
9	☐			11.31	0.0000	P	263.7

$$y = 1.9047\text{E-}005 * x - 4.7732\text{E-}006$$

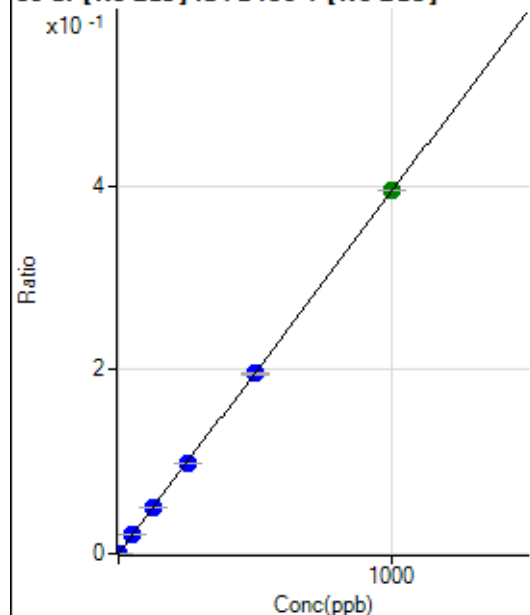
$$R = 0.9999$$

$$DL = 1.738$$

$$BEC = -0.2506$$

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	961.19	0.0001	P	5.0
2	☐	0.100					
3	☐	1.000	0.849	3122.72	0.0005	P	6.7
4	☐	50.000	51.140	129930.35	0.0203	P	4.0
5	☐	125.000	124.968	323126.35	0.0494	P	0.7
6	☐	250.000	249.441	645291.56	0.0984	P	0.3
7	☐	500.000	496.522	1289057.24	0.1957	P	0.3
8	☐	1000.000	1001.826	2636343.98	0.3948	A	0.0
9	☐			89817.15	0.0136	P	2.8

$$y = 3.9393\text{E-}004 * x + 1.4745\text{E-}004$$

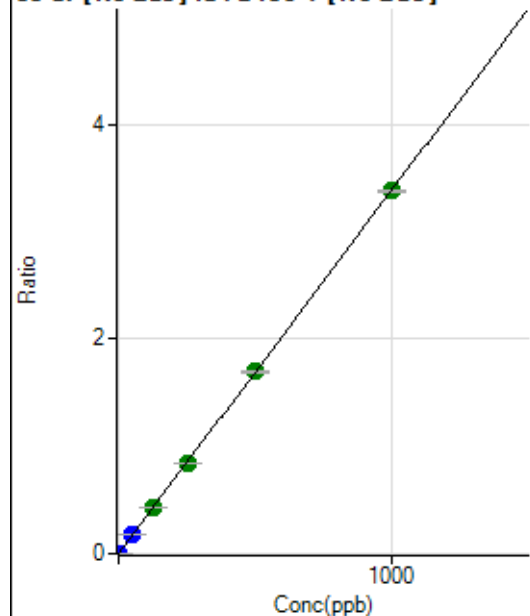
$$R = 1.0000$$

$$DL = 0.05604$$

$$BEC = 0.3743$$

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	1102.87	0.0002	P	7.0
2	☐	0.100					
3	☐	1.000	0.931	21490.06	0.0033	P	1.9
4	☐	50.000	51.558	1117622.41	0.1745	P	3.7
5	☐	125.000	128.379	2842497.26	0.4344	A	0.7
6	☐	250.000	250.525	5556918.00	0.8475	A	0.2
7	☐	500.000	500.842	11156099.03	1.6940	A	0.7
8	☐	1000.000	998.948	22561400.51	3.3787	A	0.6
9	☐			772246.55	0.1168	P	0.9

$$y = 0.0034 * x + 1.6928\text{E-}004$$

$$R = 1.0000$$

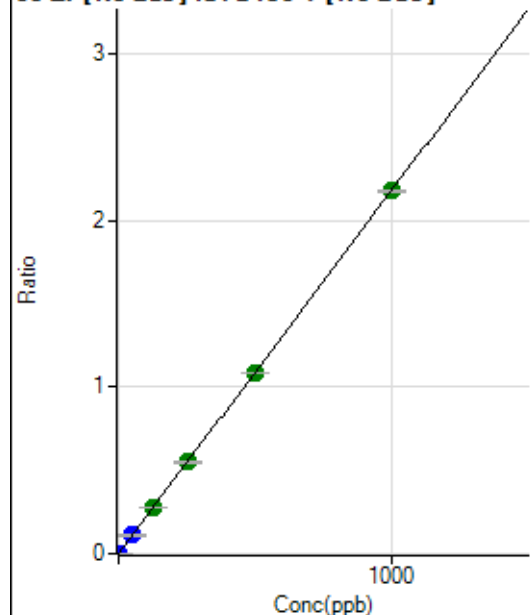
$$DL = 0.01053$$

$$BEC = 0.05005$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.80	0.0001	P	17.8
2	☐	0.100					
3	☐	1.000	0.847	12317.19	0.0019	P	2.9
4	☐	50.000	50.896	709985.63	0.1109	P	3.7
5	☐	125.000	126.387	1801353.27	0.2753	A	0.2
6	☐	250.000	252.089	3599616.18	0.5490	A	0.8
7	☐	500.000	499.966	7169575.59	1.0887	A	0.1
8	☐	1000.000	999.277	14529965.26	2.1759	A	0.7
9	☐			2494.78	0.0004	P	3.2

$$y = 0.0022 * x + 5.7903E-005$$

$$R = 1.0000$$

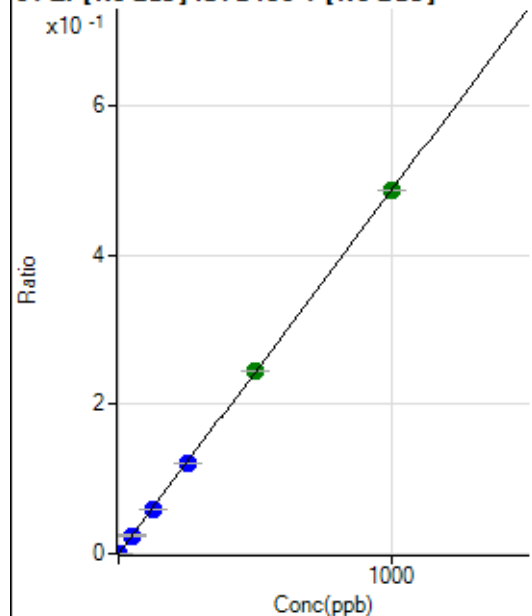
$$DL = 0.0142$$

$$BEC = 0.02659$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	0.878	2861.54	0.0004	P	5.1
4	☐	50.000	50.251	156783.03	0.0245	P	3.7
5	☐	125.000	123.800	394621.16	0.0603	P	0.7
6	☐	250.000	248.149	792473.83	0.1209	P	0.4
7	☐	500.000	504.091	1616681.48	0.2455	A	0.3
8	☐	1000.000	998.555	3247255.83	0.4863	A	0.1
9	☐			583.37	0.0001	P	8.7

$$y = 4.8697E-004 * x + 1.4078E-005$$

$$R = 1.0000$$

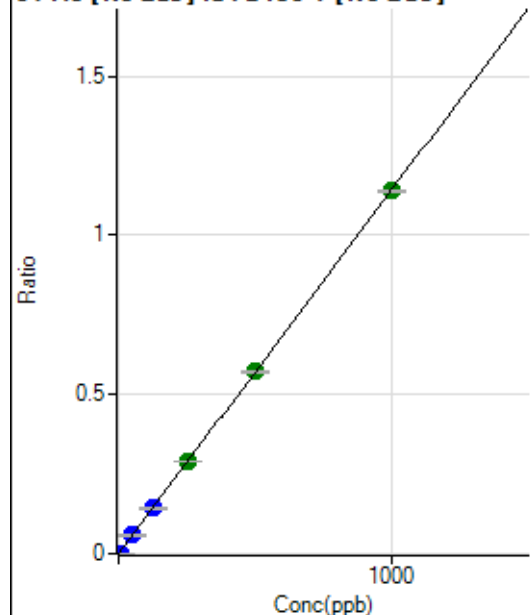
$$DL = 0.01434$$

$$BEC = 0.02891$$

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	136.12	0.0000	P	25.5
2	☐	0.500					
3	☐	5.000	1.927	14385.99	0.0022	P	2.9
4	☐	50.000	50.753	371119.37	0.0580	P	3.7
5	☐	125.000	124.372	929239.29	0.1420	P	1.1
6	☐	250.000	255.417	1912013.19	0.2916	A	0.5
7	☐	500.000	501.559	3770679.60	0.5726	A	0.7
8	☐	1000.000	997.922	7607132.11	1.1392	A	0.8
9	☐			3370.02	0.0005	P	3.8

$$y = 0.0011 * x + 2.0916E-005$$

$$R = 1.0000$$

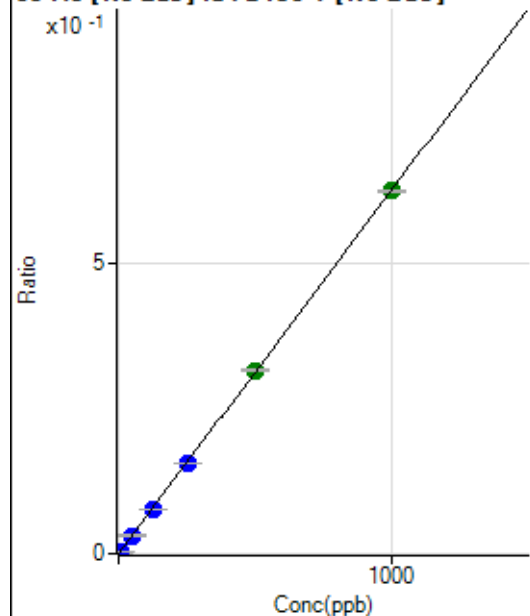
$$DL = 0.01402$$

$$BEC = 0.01832$$

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	22.22	0.0000	P	77.2
2	☐	0.500					
3	☐	5.000	4.352	17612.17	0.0027	P	1.7
4	☐	50.000	50.030	199857.28	0.0312	P	4.8
5	☐	125.000	122.491	500153.80	0.0764	P	2.1
6	☐	250.000	248.287	1015826.19	0.1549	P	0.3
7	☐	500.000	504.812	2074250.13	0.3150	A	0.5
8	☐	1000.000	998.338	4159531.34	0.6229	A	0.3
9	☐			3986.88	0.0006	P	0.7

$$y = 6.2394E-004 * x + 3.3940E-006$$

$$R = 1.0000$$

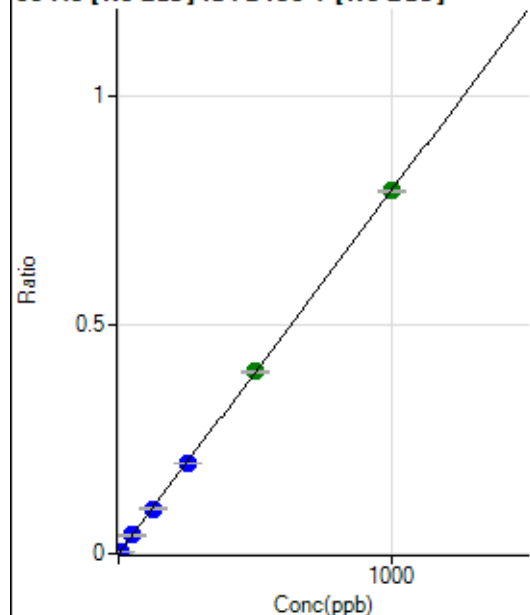
$$DL = 0.0126$$

$$BEC = 0.00544$$

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	97.23	0.0000	P	27.2
2	☐	0.500					
3	☐	5.000	3.747	19345.11	0.0030	P	1.6
4	☐	50.000	50.352	255753.36	0.0399	P	3.9
5	☐	125.000	123.785	642471.89	0.0982	P	1.2
6	☐	250.000	249.425	1297042.80	0.1978	P	0.3
7	☐	500.000	501.645	2619805.87	0.3978	A	0.8
8	☐	1000.000	999.462	5292579.85	0.7926	A	0.2
9	☐			6782.56	0.0010	P	4.0

$$y = 7.9299\text{E-}004 * x + 1.4905\text{E-}005$$

$$R = 1.0000$$

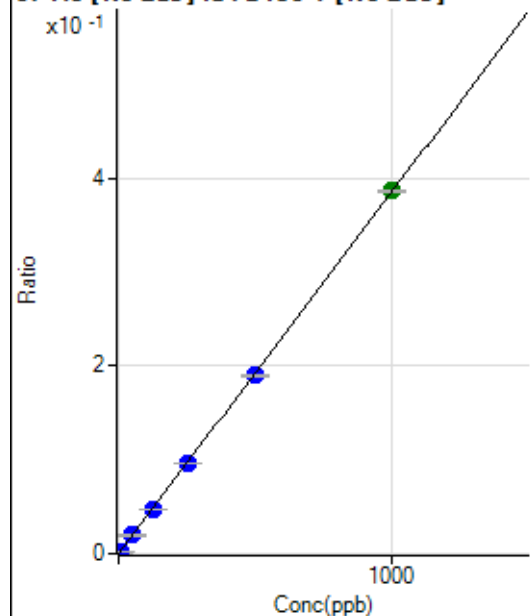
$$DL = 0.01536$$

$$BEC = 0.0188$$

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	41.67	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	4.419	11063.31	0.0017	P	3.6
4	☐	50.000	50.664	124960.63	0.0195	P	4.1
5	☐	125.000	122.708	309272.53	0.0473	P	1.3
6	☐	250.000	248.224	626821.69	0.0956	P	0.7
7	☐	500.000	493.845	1252429.52	0.1902	P	0.8
8	☐	1000.000	1003.778	2581277.62	0.3865	A	0.6
9	☐			2517.03	0.0004	P	3.1

$$y = 3.8509\text{E-}004 * x + 6.3874\text{E-}006$$

$$R = 1.0000$$

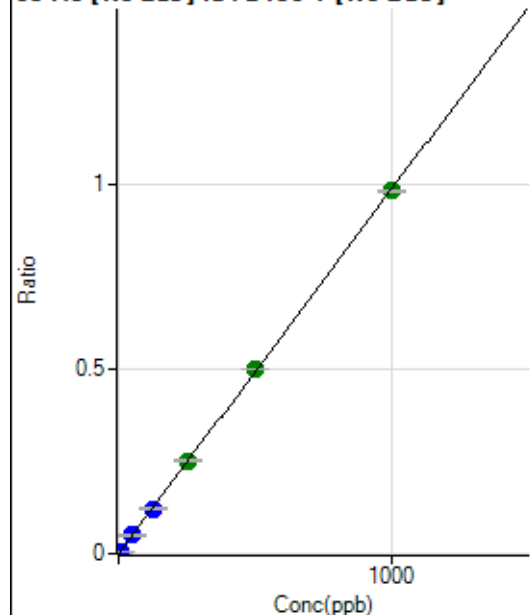
$$DL = 0.009599$$

$$BEC = 0.01659$$

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	38.89	0.0000	P	44.9
2	☐	0.500					
3	☐	5.000	4.350	27887.88	0.0043	P	2.3
4	☐	50.000	50.814	321529.16	0.0502	P	4.3
5	☐	125.000	123.933	801508.23	0.1225	P	0.7
6	☐	250.000	254.722	1650566.43	0.2517	A	1.4
7	☐	500.000	505.998	3293002.96	0.5000	A	0.7
8	☐	1000.000	995.917	6571997.50	0.9842	A	0.5
9	☐			6421.26	0.0010	P	0.4

$$y = 9.8821\text{E-}004 * x + 5.9686\text{E-}006$$

$$R = 1.0000$$

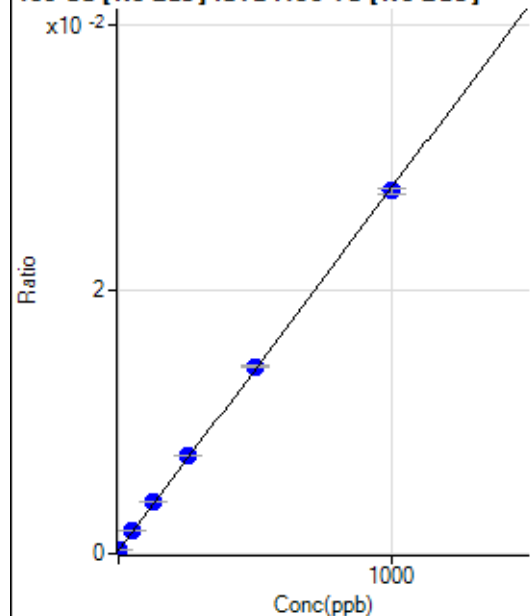
$$DL = 0.008128$$

$$BEC = 0.00604$$

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	1561.28	0.0002	P	8.6
2	☐	0.100					
3	☐	1.000	0.990	1725.19	0.0003	P	4.0
4	☐	50.000	56.535	11939.09	0.0018	P	1.7
5	☐	125.000	136.335	27453.87	0.0040	P	0.7
6	☐	250.000	260.465	52859.95	0.0074	P	0.7
7	☐	500.000	508.255	104502.77	0.0142	P	1.3
8	☐	1000.000	991.513	210411.84	0.0275	P	1.3
9	☐			1614.06	0.0002	P	9.5

$$y = 2.7474\text{E-}005 * x + 2.2904\text{E-}004$$

$$R = 0.9999$$

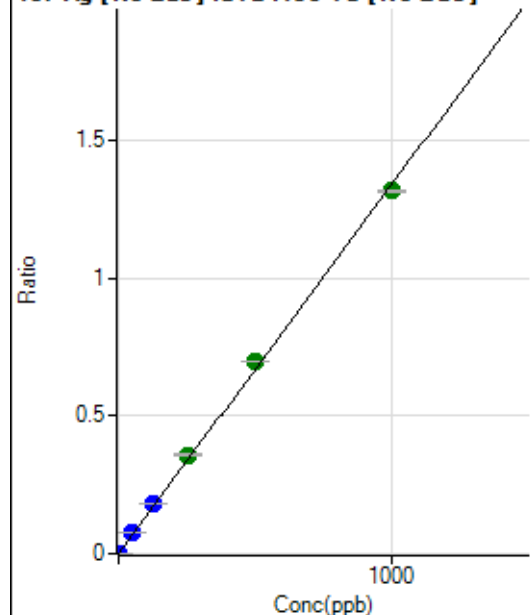
$$DL = 2.154$$

$$BEC = 8.336$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	1.291	11688.93	0.0017	P	4.5
4	☐	50.000	56.003	501485.17	0.0749	P	3.6
5	☐	125.000	136.064	1256888.22	0.1820	P	0.8
6	☐	250.000	268.087	2566260.56	0.3585	A	0.9
7	☐	500.000	520.131	5121593.82	0.6956	A	0.4
8	☐	1000.000	983.729	10077306.65	1.3156	A	0.8
9	☐			886.18	0.0001	P	6.5

$$y = 0.0013 * x + 8.9687E-006$$

$$R = 0.9995$$

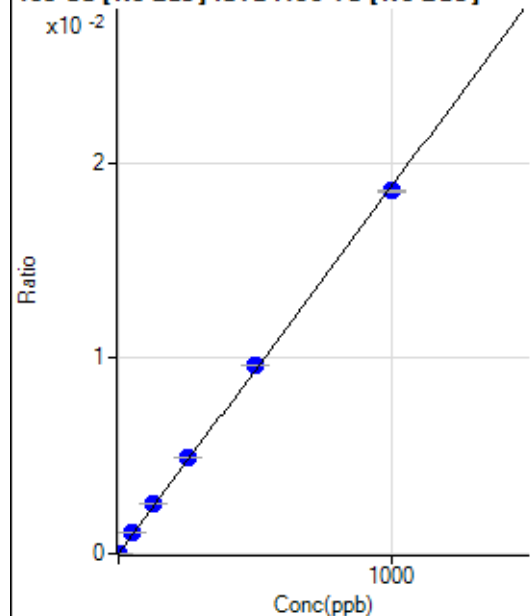
$$DL = 0.004257$$

$$BEC = 0.006706$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	21.8
2	☐	0.100					
3	☐	1.000	1.012	138.89	0.0000	P	10.0
4	☐	50.000	58.320	7345.20	0.0011	P	4.3
5	☐	125.000	137.054	17795.41	0.0026	P	0.4
6	☐	250.000	262.870	35359.07	0.0049	P	0.4
7	☐	500.000	512.968	70966.12	0.0096	P	0.6
8	☐	1000.000	988.376	142238.95	0.0186	P	0.7
9	☐			31.94	0.0000	P	7.7

$$y = 1.8786E-005 * x + 1.6300E-006$$

$$R = 0.9997$$

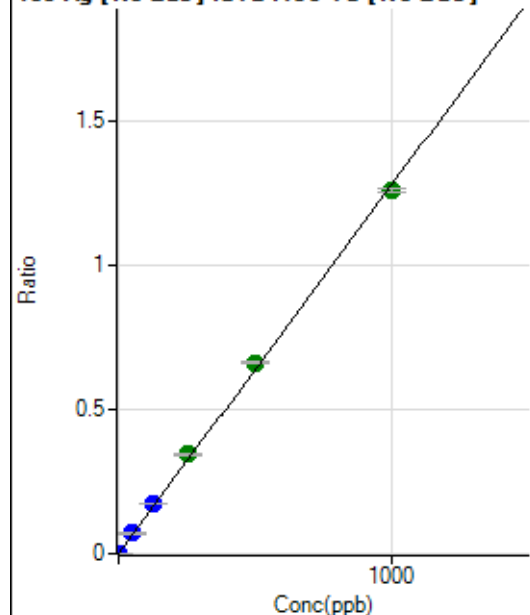
$$DL = 0.05663$$

$$BEC = 0.08676$$

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	58.34	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	1.325	11444.24	0.0017	P	4.2
4	☐	50.000	55.625	475342.14	0.0710	P	4.1
5	☐	125.000	135.396	1193622.53	0.1728	P	1.2
6	☐	250.000	269.239	2459687.10	0.3437	A	0.9
7	☐	500.000	518.441	4872132.75	0.6617	A	0.5
8	☐	1000.000	984.389	9623989.62	1.2564	A	1.0
9	☐			17365.65	0.0023	P	163.8

$$y = 0.0013 * x + 8.5580E-006$$

$$R = 0.9995$$

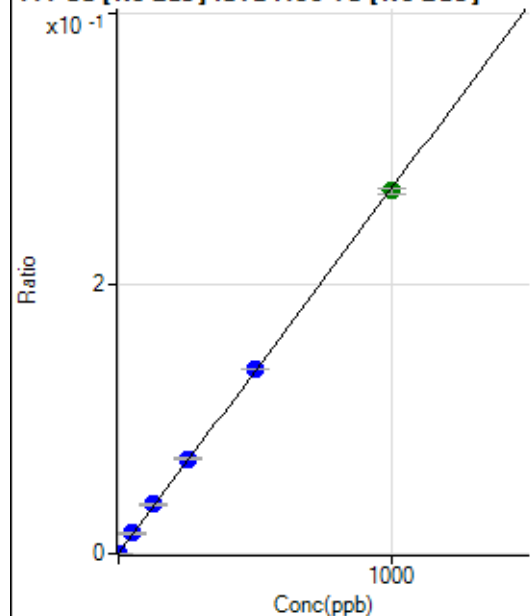
$$DL = 0.002882$$

$$BEC = 0.006705$$

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	1090.68	0.0002	P	8.9
2	☐	0.100					
3	☐	1.000	1.005	2907.80	0.0004	P	3.9
4	☐	50.000	55.065	100718.78	0.0150	P	4.7
5	☐	125.000	133.801	250957.77	0.0363	P	0.8
6	☐	250.000	259.794	503875.24	0.0704	P	0.5
7	☐	500.000	505.889	1008196.93	0.1369	P	0.6
8	☐	1000.000	993.254	2058197.59	0.2687	A	1.5
9	☐			1399.16	0.0002	P	7.8

$$y = 2.7036E-004 * x + 1.6000E-004$$

$$R = 0.9999$$

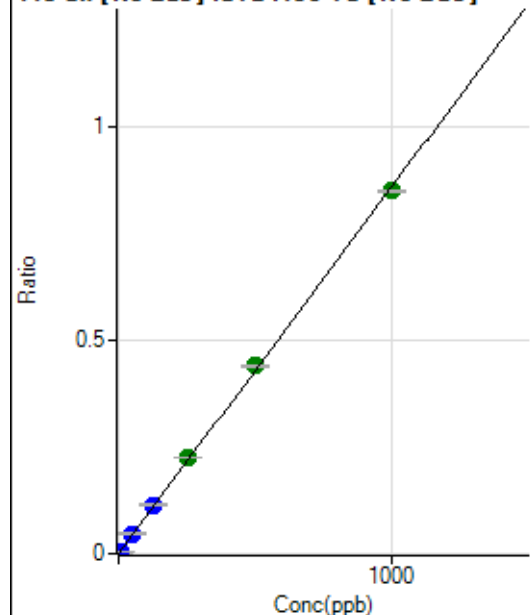
$$DL = 0.1588$$

$$BEC = 0.5918$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	869.51	0.0001	P	12.0
2	☐	0.500					
3	☐	5.000	4.733	28163.92	0.0042	P	1.7
4	☐	50.000	54.275	312064.37	0.0466	P	4.1
5	☐	125.000	133.136	788495.93	0.1142	P	1.0
6	☐	250.000	261.807	1606033.22	0.2244	A	0.9
7	☐	500.000	511.654	3227705.95	0.4384	A	0.3
8	☐	1000.000	989.992	6496297.37	0.8481	A	0.7
9	☐			3731.25	0.0005	P	5.7

$$y = 8.5653\text{E-}004 * x + 1.2756\text{E-}004$$

$$R = 0.9998$$

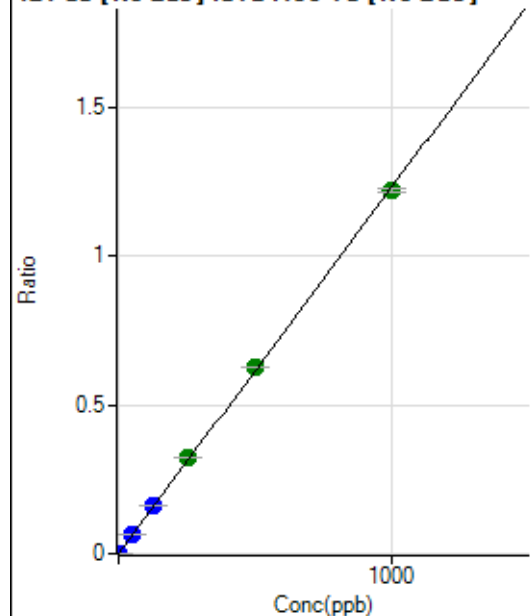
$$DL = 0.05378$$

$$BEC = 0.1489$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	44.9
2	☐	0.200					
3	☐	2.000	1.906	15826.76	0.0024	P	2.0
4	☐	50.000	53.714	442471.87	0.0661	P	3.2
5	☐	125.000	132.426	1125219.41	0.1629	P	0.7
6	☐	250.000	263.704	2322030.67	0.3244	A	0.7
7	☐	500.000	509.293	4612969.33	0.6265	A	0.6
8	☐	1000.000	990.814	9336202.03	1.2189	A	1.0
9	☐			19170.04	0.0025	P	1.5

$$y = 0.0012 * x + 5.7097\text{E-}006$$

$$R = 0.9998$$

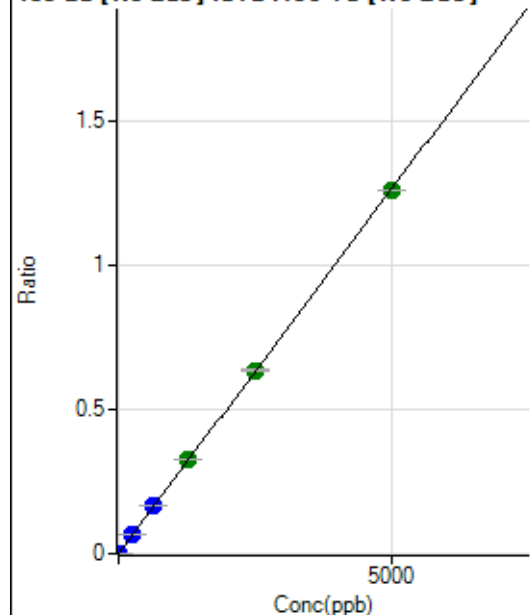
$$DL = 0.006258$$

$$BEC = 0.004641$$

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	61.11	0.0000	P	41.9
2	☐	1.000					
3	☐	10.000	9.032	15415.09	0.0023	P	0.9
4	☐	250.000	268.253	453362.61	0.0677	P	3.5
5	☐	625.000	654.479	1141017.18	0.1652	P	0.6
6	☐	1250.000	1298.027	2345020.71	0.3276	A	0.5
7	☐	2500.000	2514.038	4671971.89	0.6345	A	0.4
8	☐	5000.000	4976.378	9620982.07	1.2560	A	0.2
9	☐			3128.30	0.0004	P	6.0

$$y = 2.5239\text{E-}004 * x + 8.9717\text{E-}006$$

$$R = 0.9999$$

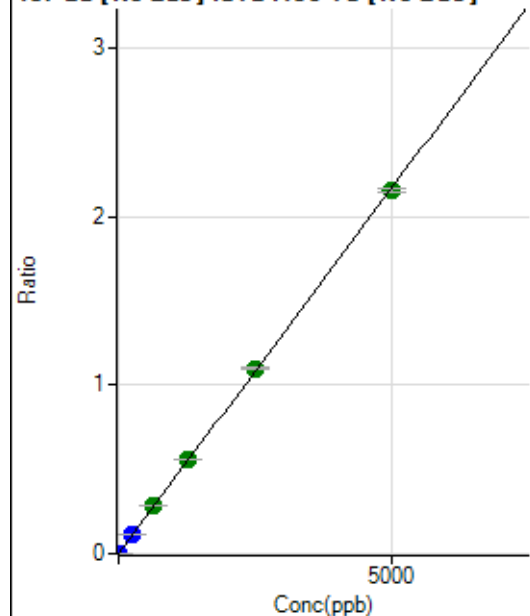
$$DL = 0.04469$$

$$BEC = 0.03555$$

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	83.34	0.0000	P	17.1
2	☐	1.000					
3	☐	10.000	9.418	27571.38	0.0041	P	0.7
4	☐	250.000	269.836	783034.69	0.1170	P	3.8
5	☐	625.000	655.995	1963772.33	0.2843	A	0.9
6	☐	1250.000	1298.162	4027206.60	0.5626	A	0.5
7	☐	2500.000	2535.187	8089891.67	1.0988	A	1.3
8	☐	5000.000	4965.501	16484294.81	2.1521	A	1.0
9	☐			5334.65	0.0007	P	3.4

$$y = 4.3340\text{E-}004 * x + 1.2222\text{E-}005$$

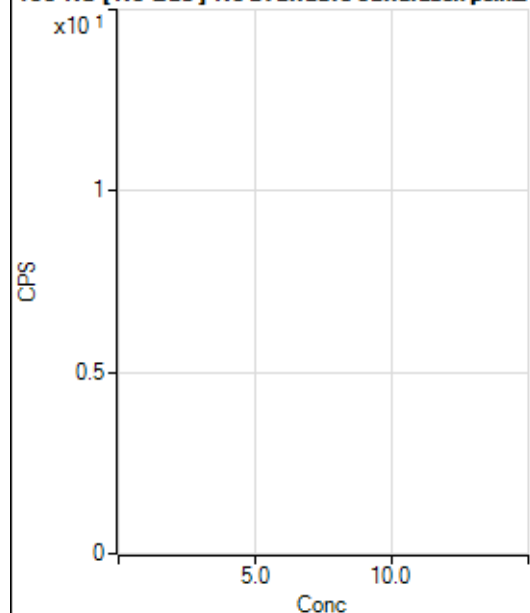
$$R = 0.9999$$

$$DL = 0.01447$$

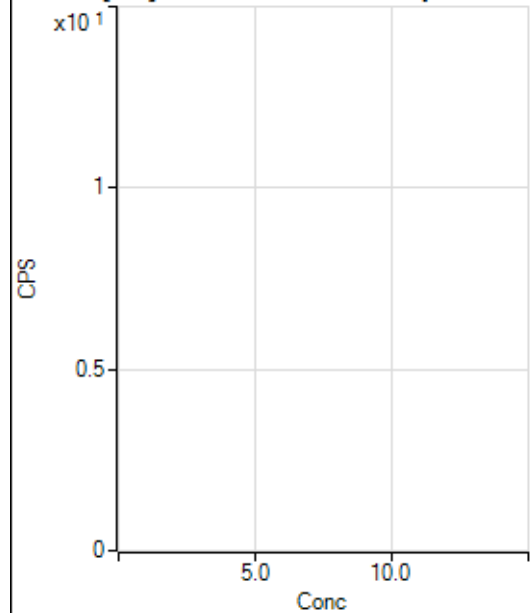
$$BEC = 0.0282$$

Weight: <None>

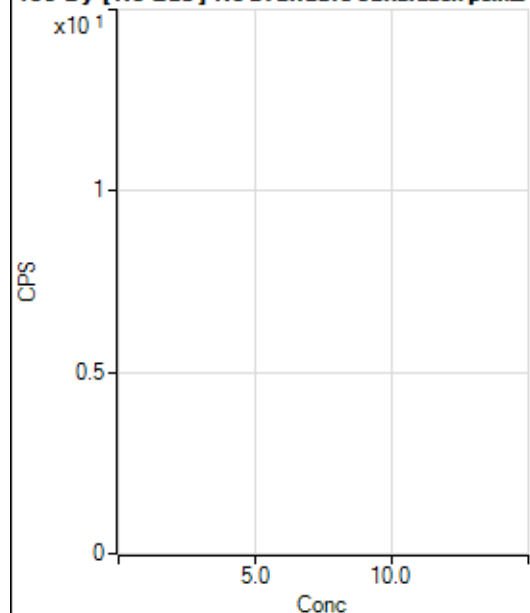
Min Conc: 0

150 Nd [No Gas] No available calibration points

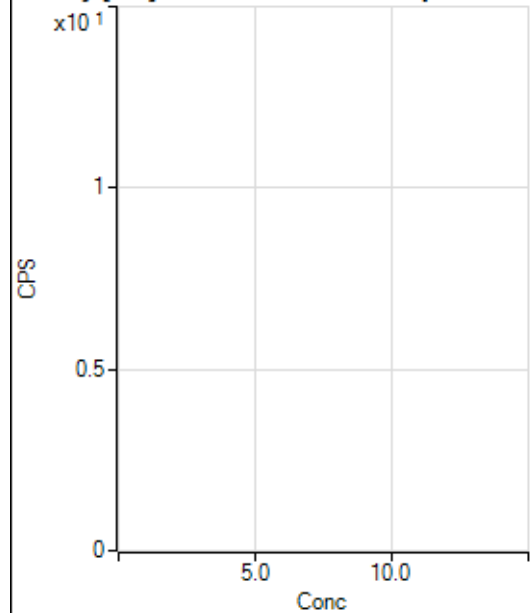
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			4.44		P	173.2
4	☐			11.11		P	34.6
5	☐			33.33		P	0.0
6	☐			93.34		P	24.7
7	☐			122.23		P	25.2
8	☐			420.02		P	9.5
9	☐			60.00		P	33.3

150 Nd [He] No available calibration points

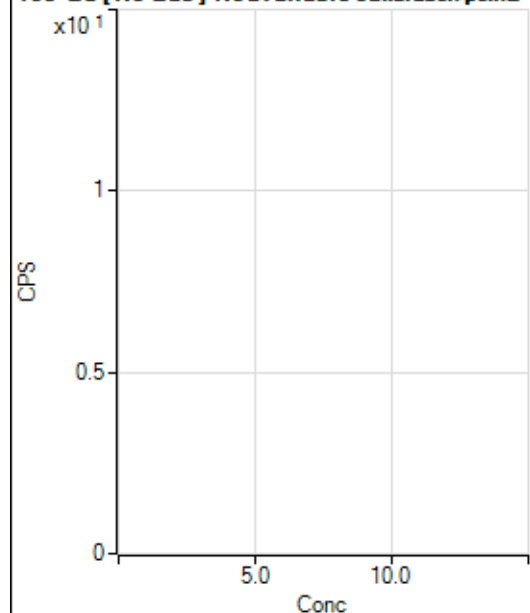
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			3.33		P	100.1
7	☐			2.22		P	86.6
8	☐			28.89		P	13.3
9	☐			12.22		P	68.7

156 Dy [No Gas] No available calibration points

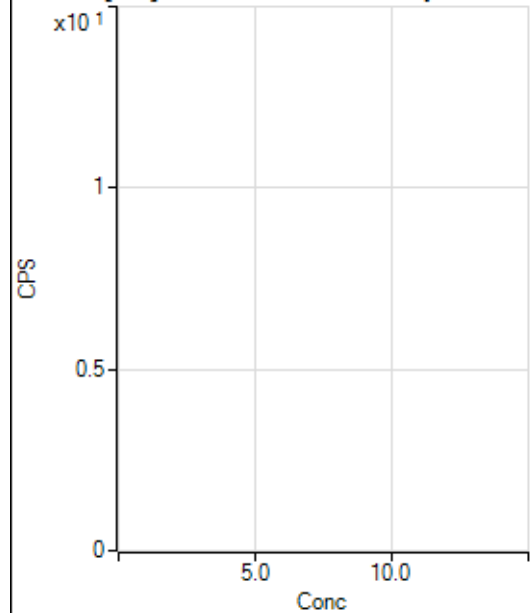
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			11.11		P	173.2
4	☐			25.00		P	100.0
5	☐			19.44		P	49.5
6	☐			44.45		P	39.0
7	☐			97.23		P	19.8
8	☐			208.35		P	6.9
9	☐			97.23		P	24.7

156 Dy [He] No available calibration points

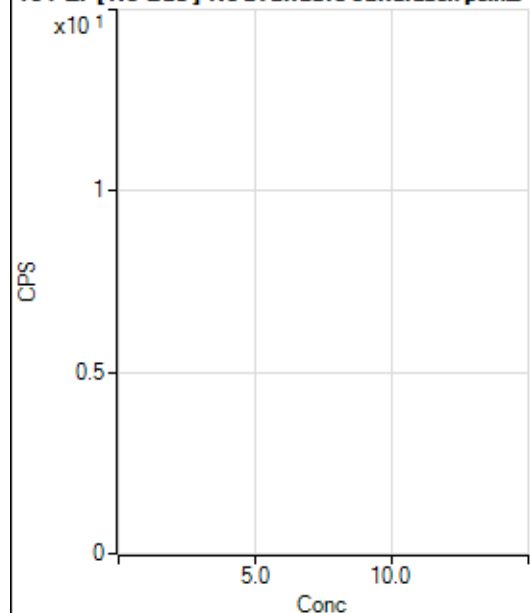
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			2.22		P	86.6
6	☐			8.89		P	108.3
7	☐			10.00		P	0.0
8	☐			42.22		P	19.9
9	☐			21.11		P	24.1

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

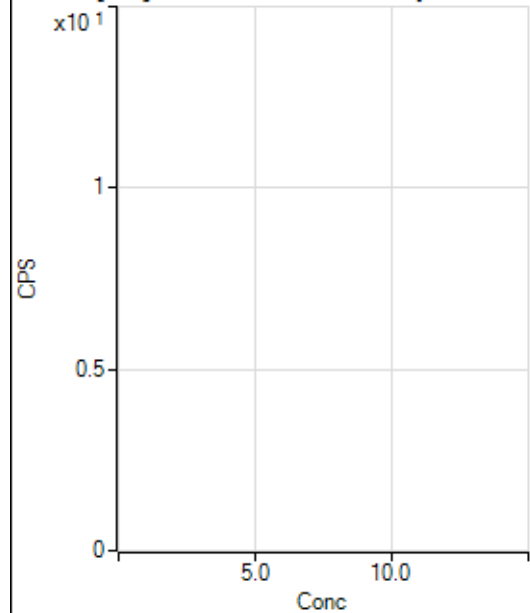
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	14.3
2	☐						
3	☐			52.78		P	18.2
4	☐			86.12		P	24.4
5	☐			61.12		P	7.9
6	☐			83.34		P	43.6
7	☐			111.12		P	52.7
8	☐			169.45		P	41.2
9	☐			113.90		P	15.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐						
3	☐			7.78		P	24.7
4	☐			12.22		P	31.5
5	☐			14.45		P	26.7
6	☐			14.44		P	118.4
7	☐			17.78		P	28.6
8	☐			53.33		P	28.6
9	☐			22.22		P	17.3

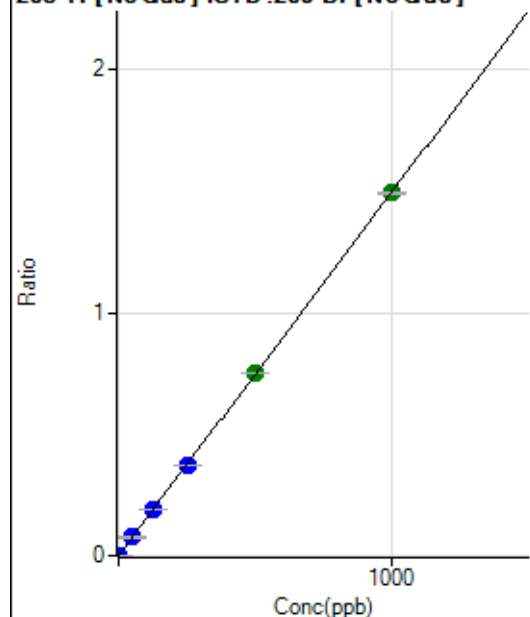
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			36.11		P	13.3
4	☐			30.55		P	68.6
5	☐			44.45		P	28.7
6	☐			25.00		P	33.3
7	☐			30.55		P	68.6
8	☐			94.45		P	18.4
9	☐			50.00		P	16.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			12.22		P	56.8
4	☐			7.78		P	65.5
5	☐			6.67		P	0.0
6	☐			3.33		P	0.0
7	☐			4.45		P	86.6
8	☐			16.67		P	20.0
9	☐			8.89		P	43.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	49.0
2	☐	0.100					
3	☐	1.000	0.915	5243.01	0.0014	P	1.1
4	☐	50.000	50.567	286942.91	0.0756	P	1.8
5	☐	125.000	125.085	731707.83	0.1870	P	0.5
6	☐	250.000	248.098	1499827.47	0.3709	P	1.2
7	☐	500.000	502.410	3165751.07	0.7511	A	0.7
8	☐	1000.000	999.231	6487715.77	1.4939	A	0.3
9	☐			2019.70	0.0005	P	2.8

$$y = 0.0015 * x + 1.7901E-005$$

$$R = 1.0000$$

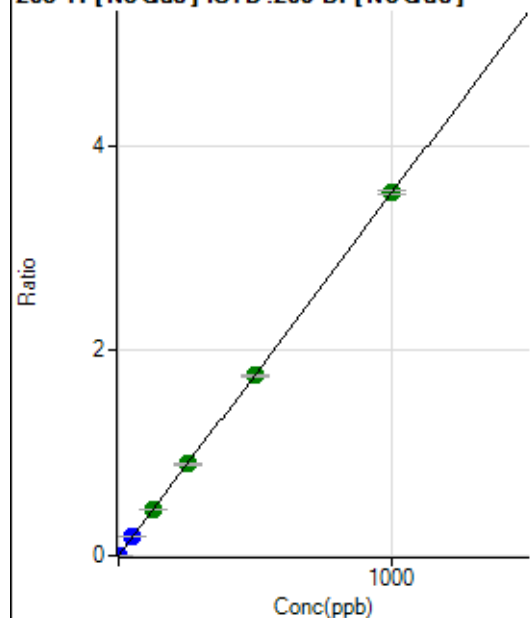
$$DL = 0.01758$$

$$BEC = 0.01197$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0000	P	21.9
2	☐	0.100					
3	☐	1.000	0.926	12570.67	0.0033	P	2.8
4	☐	50.000	50.855	682425.92	0.1798	P	1.6
5	☐	125.000	125.868	1741214.28	0.4450	A	1.0
6	☐	250.000	252.136	3604237.84	0.8914	A	1.3
7	☐	500.000	496.564	7398557.02	1.7555	A	0.6
8	☐	1000.000	1001.033	15368880.73	3.5389	A	0.9
9	☐			4425.97	0.0011	P	9.0

$$y = 0.0035 * x + 4.6517E-005$$

$$R = 1.0000$$

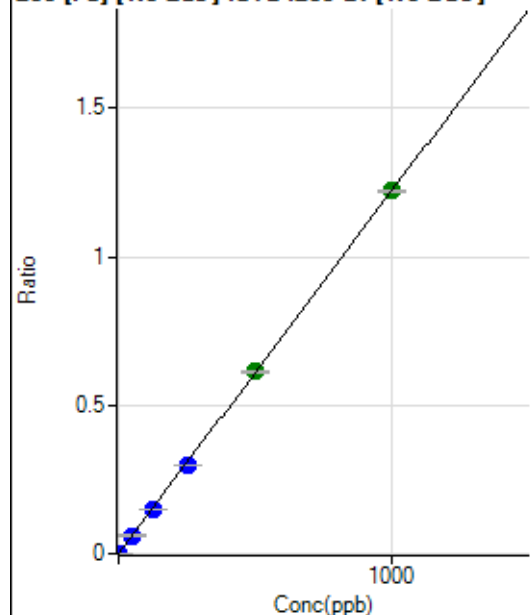
$$DL = 0.008634$$

$$BEC = 0.01316$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.95	0.0001	P	13.5
2	☐	0.100					
3	☐	1.000	1.035	5197.52	0.0014	P	3.0
4	☐	50.000	50.229	233139.09	0.0614	P	1.6
5	☐	125.000	122.625	586174.23	0.1498	P	1.0
6	☐	250.000	244.583	1207915.26	0.2987	P	0.9
7	☐	500.000	501.772	2582387.42	0.6127	A	1.0
8	☐	1000.000	1000.754	5306779.69	1.2220	A	0.2
9	☐			9998.67	0.0024	P	1.2

$$y = 0.0012 * x + 1.0974E-004$$

$$R = 1.0000$$

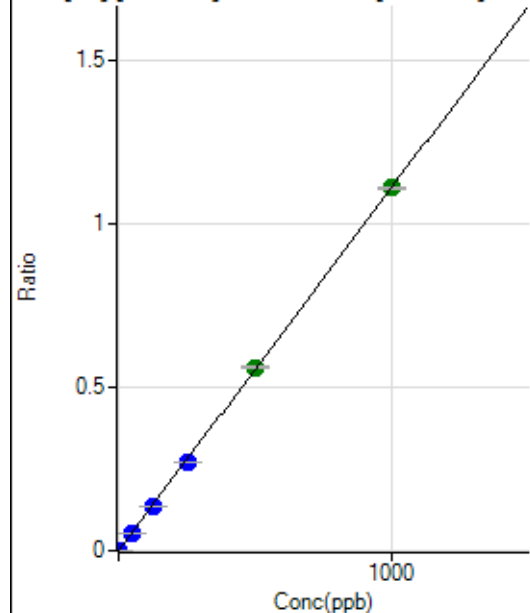
$$DL = 0.03634$$

$$BEC = 0.08988$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.13	0.0001	P	12.9
2	☐	0.100					
3	☐	1.000	1.027	4723.25	0.0012	P	0.1
4	☐	50.000	49.323	208539.78	0.0550	P	1.9
5	☐	125.000	122.284	532427.47	0.1361	P	1.0
6	☐	250.000	242.867	1092499.77	0.2702	P	0.5
7	☐	500.000	504.721	2365920.39	0.5614	A	0.7
8	☐	1000.000	999.796	4828828.64	1.1119	A	0.8
9	☐			8117.63	0.0020	P	2.2

$$y = 0.0011 * x + 1.0591E-004$$

$$R = 1.0000$$

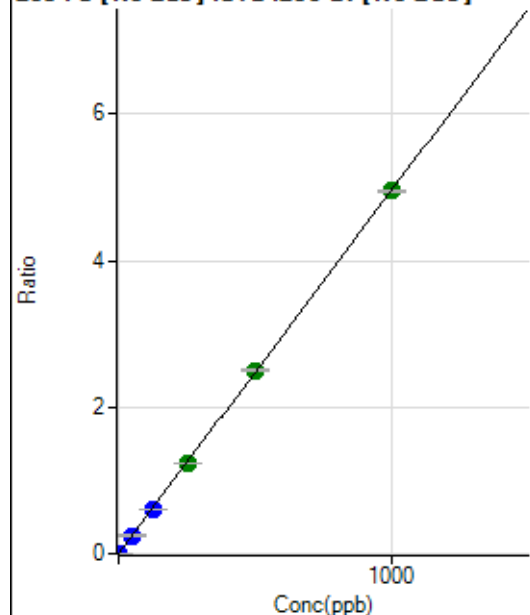
$$DL = 0.03696$$

$$BEC = 0.09524$$

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	1794.56	0.0005	P	8.6
2	☐	0.100					
3	☐	1.000	1.043	21322.51	0.0056	P	1.9
4	☐	50.000	49.968	941844.66	0.2482	P	2.2
5	☐	125.000	123.365	2394780.80	0.6121	P	0.8
6	☐	250.000	247.622	4966133.32	1.2282	A	0.9
7	☐	500.000	504.112	10535784.03	2.4999	A	0.6
8	☐	1000.000	998.745	21506509.97	4.9522	A	0.8
9	☐			38139.98	0.0093	P	1.8

$$y = 0.0050 * x + 4.6212E-004$$

$$R = 1.0000$$

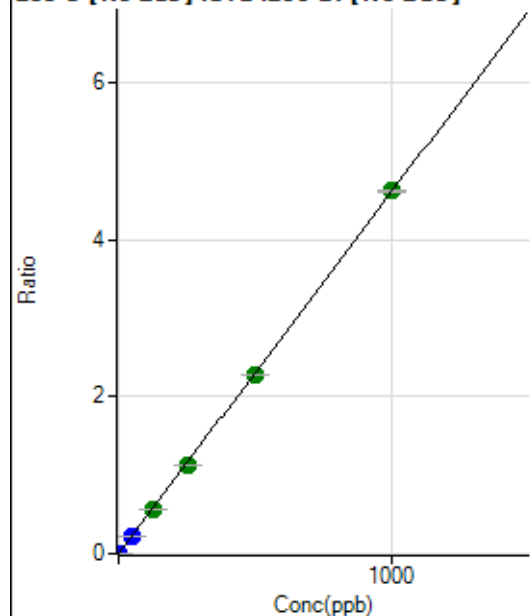
$$DL = 0.02411$$

$$BEC = 0.09321$$

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	41.67	0.0000	P	52.5
2	☐	0.100					
3	☐	1.000	0.874	15265.60	0.0040	P	1.7
4	☐	50.000	49.302	861272.99	0.2270	P	1.6
5	☐	125.000	124.114	2235252.83	0.5713	A	0.9
6	☐	250.000	245.445	4568495.20	1.1298	A	0.9
7	☐	500.000	496.279	9628184.51	2.2845	A	0.2
8	☐	1000.000	1003.145	20053681.52	4.6177	A	0.3
9	☐			1136.22	0.0003	P	10.5

$$y = 0.0046 * x + 1.0704E-005$$

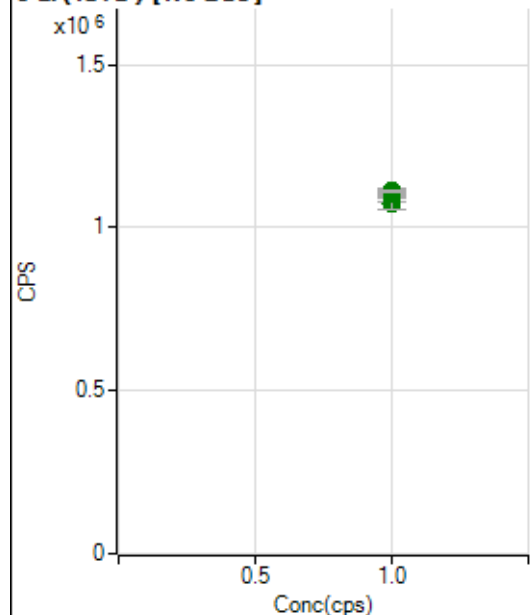
$$R = 1.0000$$

$$DL = 0.00366$$

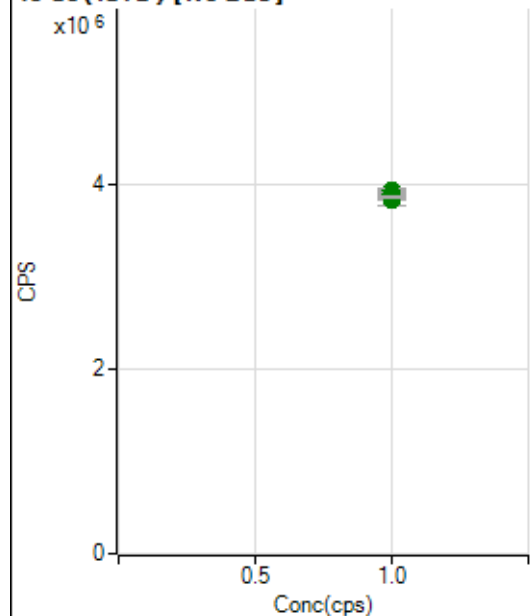
$$BEC = 0.002325$$

Weight: <None>

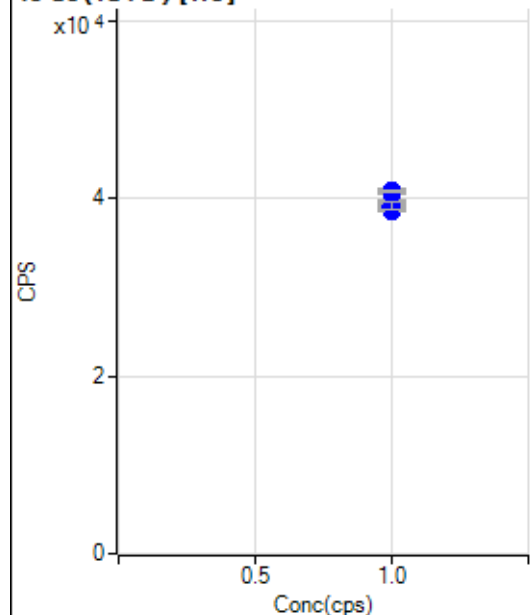
Min Conc: 0

6 Li (ISTD) [No Gas]

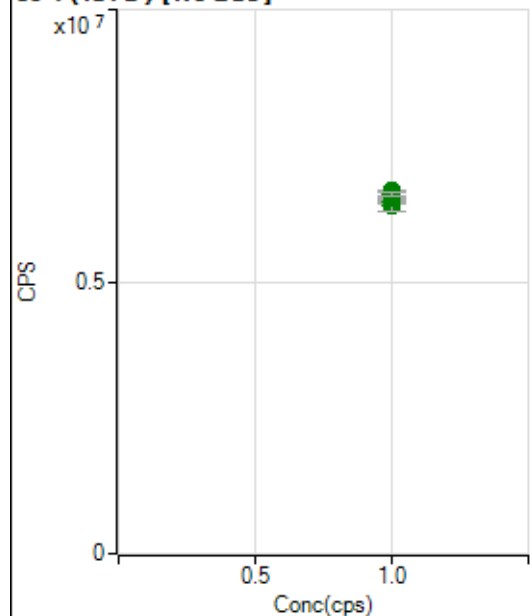
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1104625.43		A	0.6
2	☐	1.000					
3	☐	1.000		1089912.85		A	2.4
4	☐	1.000		1072796.84		A	3.3
5	☐	1.000		1109500.57		A	0.3
6	☐	1.000		1105902.22		A	1.0
7	☐	1.000		1104929.63		A	0.6
8	☐	1.000		1112959.76		A	1.3
9	☐	1.000		1111305.58		A	0.4

45 Sc (ISTD) [No Gas]

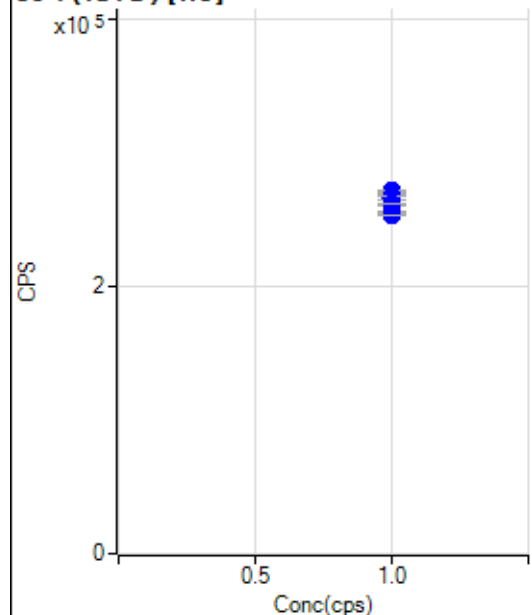
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3923656.60		A	0.5
2	☐	1.000					
3	☐	1.000		3911398.79		A	1.4
4	☐	1.000		3838662.54		A	3.3
5	☐	1.000		3938664.71		A	1.0
6	☐	1.000		3898096.27		A	1.2
7	☐	1.000		3847938.50		A	0.7
8	☐	1.000		3882952.69		A	0.4
9	☐	1.000		3879033.38		A	0.6

45 Sc (ISTD) [He]

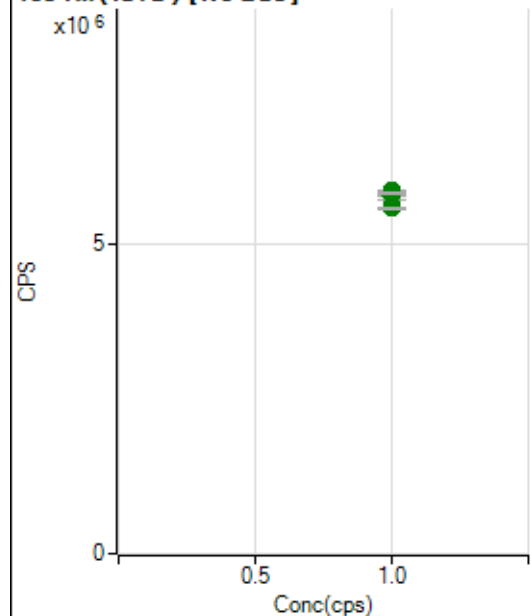
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40729.01		P	1.1
2	☐	1.000					
3	☐	1.000		39793.06		P	0.6
4	☐	1.000		40837.11		P	1.2
5	☐	1.000		40854.98		P	0.3
6	☐	1.000		39240.41		P	1.4
7	☐	1.000		39005.25		P	1.5
8	☐	1.000		38647.67		P	0.8
9	☐	1.000		39133.51		P	2.0

89 Y (ISTD) [No Gas]

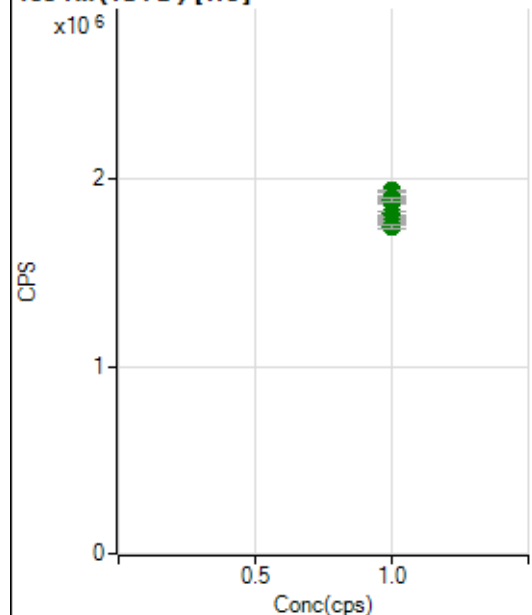
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6517718.93		A	0.9
2	☐	1.000					
3	☐	1.000		6478053.10		A	1.2
4	☐	1.000		6408185.18		A	3.2
5	☐	1.000		6544281.22		A	0.5
6	☐	1.000		6557206.85		A	0.4
7	☐	1.000		6585445.39		A	0.2
8	☐	1.000		6677703.79		A	0.3
9	☐	1.000		6611342.20		A	1.2

89 Y(ISTD) [He]

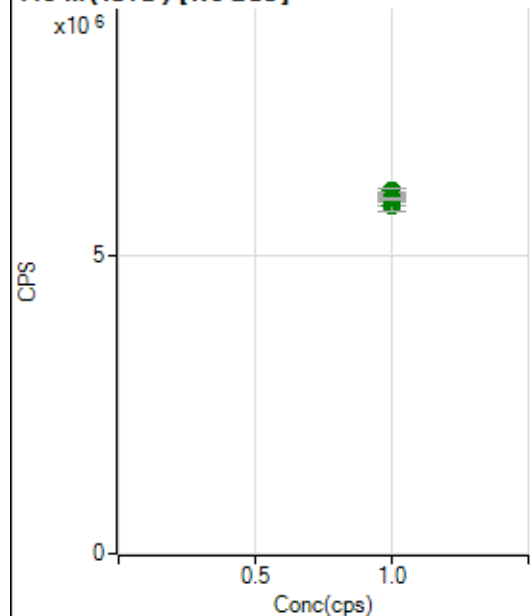
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		268845.65		P	0.1
2	☐	1.000					
3	☐	1.000		266031.12		P	1.3
4	☐	1.000		271591.59		P	0.4
5	☐	1.000		268173.74		P	0.1
6	☐	1.000		260916.87		P	0.8
7	☐	1.000		254941.59		P	0.5
8	☐	1.000		253625.71		P	0.2
9	☐	1.000		261957.09		P	0.1

103 Rh(ISTD) [No Gas]

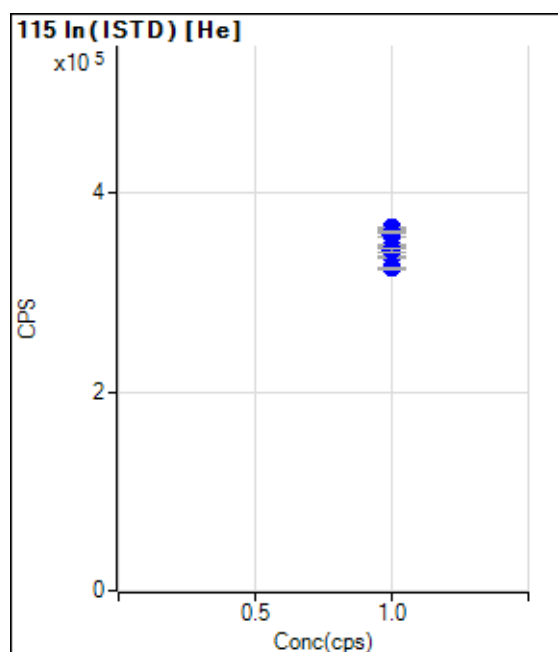
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5841813.37		A	0.3
2	☐	1.000					
3	☐	1.000		5745860.20		A	1.5
4	☐	1.000		5692337.15		A	3.7
5	☐	1.000		5784813.02		A	0.5
6	☐	1.000		5805961.68		A	0.5
7	☐	1.000		5755448.43		A	1.5
8	☐	1.000		5802500.00		A	0.7
9	☐	1.000		5559608.55		A	0.5

103 Rh (ISTD) [He]

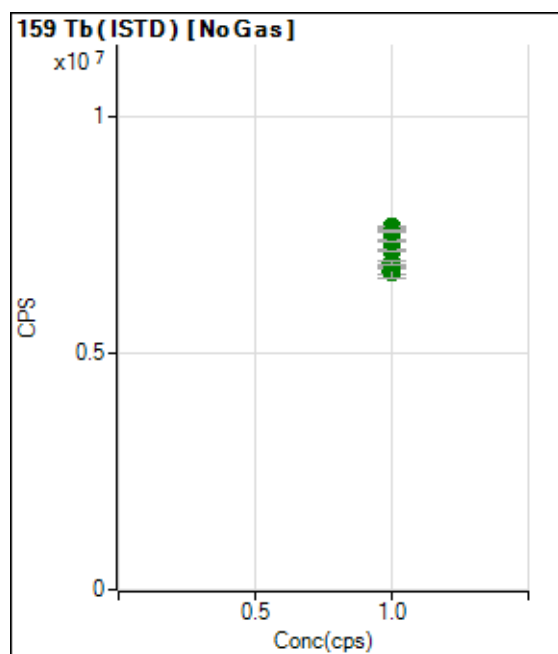
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1937645.89		A	0.8
2	☐	1.000					
3	☐	1.000		1879211.27		A	0.9
4	☐	1.000		1900729.45		A	1.3
5	☐	1.000		1886524.02		A	1.2
6	☐	1.000		1817694.70		A	0.8
7	☐	1.000		1794545.16		A	0.5
8	☐	1.000		1768784.55		A	0.8
9	☐	1.000		1743934.54		A	1.0

115 In (ISTD) [No Gas]

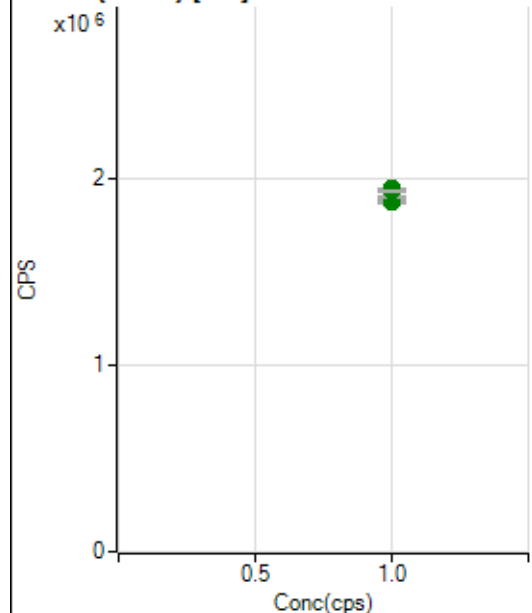
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5992951.18		A	1.0
2	☐	1.000					
3	☐	1.000		5894932.89		A	2.1
4	☐	1.000		5830122.85		A	3.2
5	☐	1.000		5964151.33		A	0.2
6	☐	1.000		6003022.77		A	0.2
7	☐	1.000		6002716.25		A	0.4
8	☐	1.000		6092924.41		A	1.1
9	☐	1.000		5968028.40		A	0.8



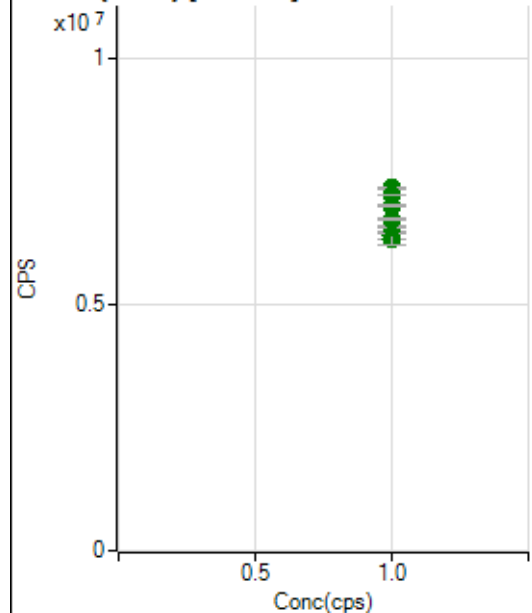
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		361400.83		P	0.6
2	☐	1.000					
3	☐	1.000		357924.70		P	1.2
4	☐	1.000		364641.06		P	0.5
5	☐	1.000		360107.93		P	0.4
6	☐	1.000		346687.68		P	0.9
7	☐	1.000		335641.93		P	0.5
8	☐	1.000		323843.31		P	0.3
9	☐	1.000		342658.62		P	0.9



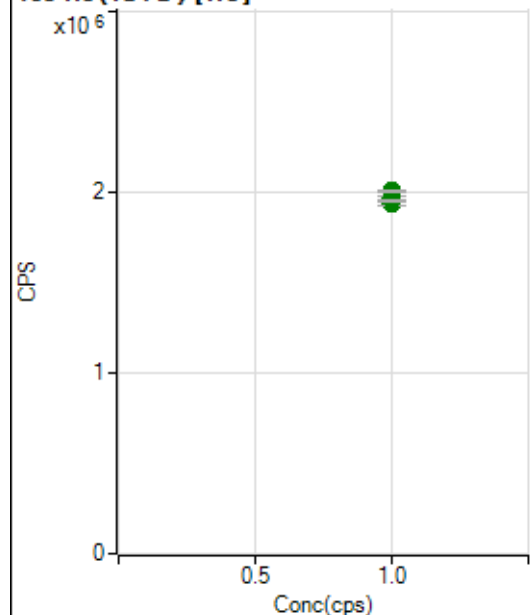
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6817081.15		A	0.3
2	☐	1.000					
3	☐	1.000		6734990.94		A	1.8
4	☐	1.000		6700805.25		A	3.6
5	☐	1.000		6907254.06		A	1.0
6	☐	1.000		7157695.52		A	0.5
7	☐	1.000		7362827.53		A	0.3
8	☐	1.000		7659985.93		A	0.5
9	☐	1.000		7570920.44		A	0.8

159 Tb (ISTD) [He]

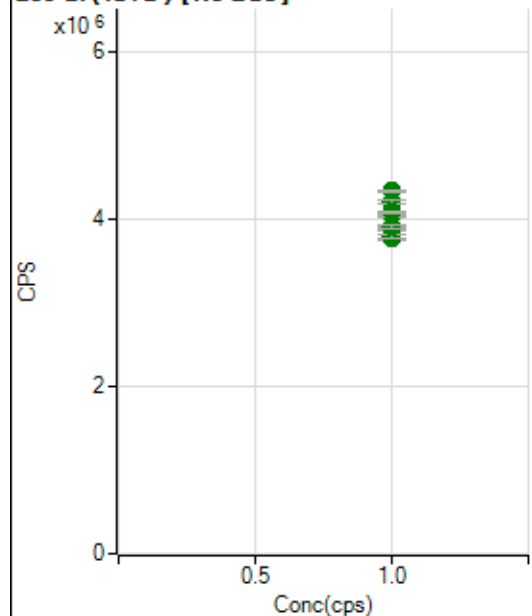
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1946200.35		A	0.7
2	☐	1.000					
3	☐	1.000		1880221.90		A	1.0
4	☐	1.000		1929573.71		A	0.4
5	☐	1.000		1926575.61		A	0.2
6	☐	1.000		1880447.89		A	0.7
7	☐	1.000		1896369.97		A	0.7
8	☐	1.000		1906144.03		A	0.6
9	☐	1.000		1938023.31		A	0.5

165 Ho (ISTD) [No Gas]

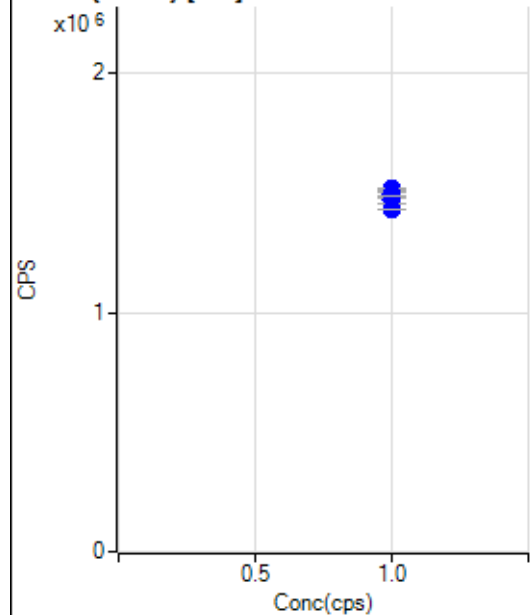
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6474595.24		A	0.5
2	☐	1.000					
3	☐	1.000		6385835.99		A	2.3
4	☐	1.000		6325742.07		A	3.4
5	☐	1.000		6570653.79		A	0.3
6	☐	1.000		6719559.18		A	0.6
7	☐	1.000		7000523.59		A	0.8
8	☐	1.000		7359296.60		A	0.9
9	☐	1.000		7219534.45		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1998349.31		A	0.4
2	☐	1.000					
3	☐	1.000		1935144.78		A	1.4
4	☐	1.000		1967466.25		A	0.7
5	☐	1.000		1963789.37		A	0.9
6	☐	1.000		1950136.40		A	0.6
7	☐	1.000		1952016.88		A	0.7
8	☐	1.000		1953688.60		A	0.5
9	☐	1.000		2004737.17		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3884597.72		A	0.9
2	☐	1.000					
3	☐	1.000		3784613.66		A	1.3
4	☐	1.000		3795304.28		A	1.2
5	☐	1.000		3912552.93		A	0.9
6	☐	1.000		4043661.71		A	0.8
7	☐	1.000		4214633.41		A	0.7
8	☐	1.000		4342834.80		A	0.6
9	☐	1.000		4087758.55		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1506384.51		P	0.1
2	☐	1.000					
3	☐	1.000		1470707.22		P	1.6
4	☐	1.000		1517394.02		P	0.4
5	☐	1.000		1515054.15		P	0.5
6	☐	1.000		1496402.81		P	0.7
7	☐	1.000		1486483.99		P	0.4
8	☐	1.000		1488645.90		P	0.3
9	☐	1.000		1433046.40		P	0.2

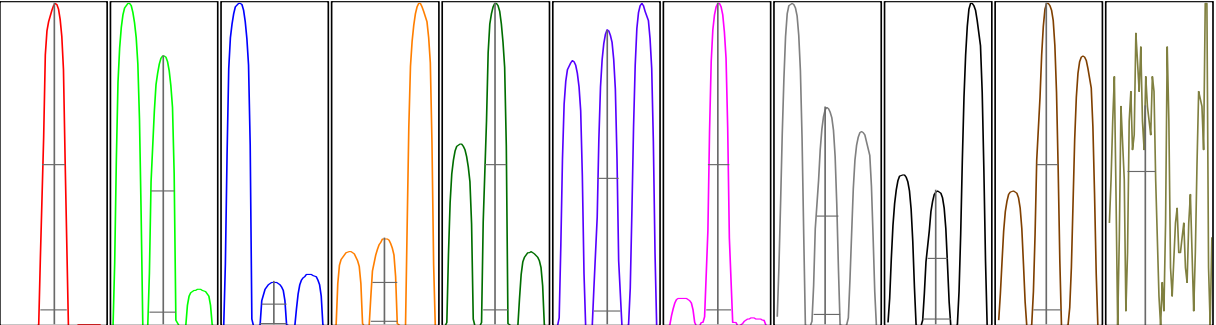
US EPA Tune Check Sample Report

Batch Folder D:\P8081417.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8315	1.06	5.00	
24	46640	0.72	5.00	
25	6314	0.75	5.00	
26	7614	0.77	5.00	
59	82586	0.53	5.00	
113	10293	0.76	5.00	
115	130363	0.51	5.00	
206	23801	1.16	5.00	
207	21163	1.34	5.00	
208	51378	1.64	5.00	
220	1	18.87		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8218	8427	8354	8343	8232
24	46640	46983	46934	46479	46164
25	6290	6364	6361	6301	6255
26	7606	7702	7636	7576	7551
59	82110	82989	82938	82767	82124
113	10160	10286	10341	10337	10342
115	129514	130261	130084	131314	130645
206	23366	23687	23946	23996	24007
207	20680	21214	21192	21375	21356
208	49912	51653	51531	51745	52047
220	1	1	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	13057	9.05	8.9 - 9.1		0.784	0.900	
24	73411	24.00	23.9 - 24.1		0.785	0.900	
25	9906	25.00	24.9 - 25.1		0.746	0.900	
26	11714	26.00	25.9 - 26.1		0.791	0.900	
59	136429	59.00	58.9 - 59.1		0.740	0.900	
113	18250	113.05	112.9 - 113.1		0.769	0.900	
115	229599	115.05	114.9 - 115.1		0.738	0.900	
206	41548	205.95	205.9 - 206.1		0.782	0.900	
207	36970	206.95	206.9 - 207.1		0.783	0.900	
208	88321	207.95	207.9 - 208.1		0.814	0.900	
220	2	219.65	-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	13.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12720	1.22	
89	3482	1.18	
205	16529	1.40	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12455	12861	12746	12784	12755
89	3409	3505	3496	3501	3502
205	16148	16723	16680	16609	16486

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	1.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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	5.0	mL/min	OctP RF	200	V			

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:09:02	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.28	-2.27	3.55	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.02	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.25	0.00	-0.25	0.00	N/A	ppb
Boron	11-1	0.05	0.04	-0.09	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.05	0.00	0.00	N/A	ppb
Cadmium	106-1	0.69	-0.75	0.06	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.01	0.01	0.00	N/A	ppb
Calcium	43-1	8.88	-18.16	9.29	0.00	N/A	ppb
Calcium	44-1	-0.73	1.95	-1.22	0.00	N/A	ppb
Chromium	52-2	0.01	0.03	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.07	0.28	-0.22	0.00	N/A	ppb
Iron	57-2	0.59	0.31	-0.90	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	-0.15	0.12	0.00	N/A	ppb
Manganese	55-2	0.03	-0.03	0.00	0.00	N/A	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:09:02	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-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	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.01	-0.05	0.00	N/A	ppb
Phosphorus	31-2	-15.75	24.82	10.76	6.61	311.59	ppb
Potassium	39-2	0.17	1.11	-1.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.19	4.38	-2.19	0.00	N/A	ppb
Selenium	78-2	0.18	-0.91	0.73	0.00	N/A	ppb
Selenium	82-1	0.52	0.10	-0.62	0.00	N/A	ppb
Silicon	28-1	-0.62	0.69	-0.07	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-4.17	4.41	-0.25	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-52.47	-48.05	-56.77	-52.43		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.02	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	0.05	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:09:02	DataFile Name :	003CALB.d

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

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:15:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.97	22.24	10.87	13.69	55.11	ppb
Antimony	121-1	1.86	1.93	1.93	1.91	1.98	ppb
Arsenic	75-2	0.98	0.96	0.95	0.96	1.82	ppb
Barium	135-1	9.08	9.08	8.93	9.03	0.94	ppb
Barium	137-1	9.35	9.45	9.46	9.42	0.66	ppb
Beryllium	9-1	0.88	0.95	0.89	0.91	4.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	22.99	19.74	23.87	22.20	9.80	ppb
Boron	11-1	21.11	21.62	23.12	21.95	4.75	ppb
Cadmium	111-1	0.98	1.08	0.96	1.00	6.26	ppb
Cadmium	106-1	0.60	1.35	1.02	0.99	37.84	ppb
Cadmium	108-1	1.01	0.90	1.12	1.01	10.87	ppb
Calcium	43-1	428.72	456.07	423.93	436.24	3.97	ppb
Calcium	44-1	437.33	459.82	446.03	447.73	2.53	ppb
Chromium	52-2	2.07	1.85	2.07	2.00	6.12	ppb
Cobalt	59-2	0.94	0.90	0.90	0.91	2.47	ppb
Copper	63-2	2.11	2.02	2.08	2.07	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	46.23	46.17	46.63	46.34	0.54	ppb
Iron	57-2	42.20	44.91	43.54	43.55	3.10	ppb
Lead	206-1	1.05	1.06	1.00	1.03	3.22	ppb
Lead	207-1	1.03	1.03	1.03	1.03	0.07	ppb
Lead	208-1	1.07	1.04	1.02	1.04	2.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	456.76	451.65	459.96	456.13	0.92	ppb
Manganese	55-2	1.05	1.06	0.85	0.99	11.93	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:15:58	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.86	1.95	1.97	1.93	2.95	ppb
Molybdenum	95-1	4.32	4.44	4.30	4.35	1.71	ppb
Molybdenum	96-1	3.75	3.81	3.68	3.75	1.65	ppb
Molybdenum	97-1	4.38	4.28	4.60	4.42	3.65	ppb
Molybdenum	98-1	4.44	4.24	4.37	4.35	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.91	0.77	0.89	11.48	ppb
Phosphorus	31-2	-15.75	-1.97	-2.11	-6.61		ppb
Potassium	39-2	470.07	453.31	471.19	464.86	2.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-2.19	7.88	1.08	2.26	227.38	ppb
Selenium	78-2	-0.36	3.03	2.92	1.86	103.28	ppb
Selenium	82-1	4.31	4.68	5.46	4.82	12.14	ppb
Silicon	28-1	8.59	8.92	9.90	9.13	7.46	ppb
Silver	109-1	1.26	1.34	1.38	1.33	4.27	ppb
Silver	107-1	1.26	1.36	1.25	1.29	4.48	ppb
Sodium	23-2	454.03	461.69	463.36	459.69	1.08	ppb
Strontium	86-1	0.90	0.89	0.75	0.85	9.61	ppb
Strontium	88-1	0.91	0.95	0.93	0.93	1.95	ppb
Sulfur	34-1	-109.61	25.45	241.45	52.43	337.75	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.91	0.91	0.91	1.11	ppb
Thallium	205-1	0.93	0.95	0.90	0.93	2.85	ppb
Tin	118-1	4.73	4.82	4.65	4.73	1.77	ppb
Titanium	47-1	4.46	4.50	4.32	4.43	2.06	ppb
Uranium	238-1	0.86	0.89	0.87	0.87	1.68	ppb
Vanadium	51-2	4.56	4.41	4.53	4.50	1.77	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.81	1.87	2.24	1.97	11.65	ppb
Zirconium	90-1	0.82	0.84	0.87	0.85	2.95	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:15:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.91	0.90	0.88	5.30	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:19:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.76	918.58	947.96	958.76	4.85	ppb
Antimony	121-1	52.46	55.64	53.04	53.71	3.15	ppb
Arsenic	75-2	50.80	51.96	48.92	50.56	3.03	ppb
Barium	135-1	262.19	279.14	263.43	268.25	3.52	ppb
Barium	137-1	264.45	281.67	263.39	269.84	3.80	ppb
Beryllium	9-1	50.19	53.96	51.82	51.99	3.63	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	46.97	53.72	49.65	50.11	6.78	ppb
Boron	11-1	48.78	52.60	50.91	50.76	3.77	ppb
Cadmium	111-1	53.51	58.07	53.62	55.07	4.73	ppb
Cadmium	106-1	55.25	57.31	57.05	56.53	1.99	ppb
Cadmium	108-1	57.10	61.22	56.64	58.32	4.33	ppb
Calcium	43-1	4904.02	5390.51	5127.97	5140.84	4.74	ppb
Calcium	44-1	4943.16	5408.88	5167.58	5173.21	4.50	ppb
Chromium	52-2	50.92	49.88	50.81	50.54	1.13	ppb
Cobalt	59-2	50.60	48.83	49.96	49.80	1.79	ppb
Copper	63-2	101.98	99.63	102.40	101.34	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	2663.90	2613.05	2630.19	2635.71	0.98	ppb
Iron	57-2	2690.69	2536.91	2610.88	2612.82	2.94	ppb
Lead	206-1	49.91	51.12	49.66	50.23	1.57	ppb
Lead	207-1	48.66	50.38	48.93	49.32	1.87	ppb
Lead	208-1	49.23	51.21	49.46	49.97	2.16	ppb
Lithium	6-1				97		%
Magnesium	24-2	5039.59	4932.46	4971.06	4981.04	1.09	ppb
Manganese	55-2	102.74	101.48	101.64	101.95	0.67	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:19:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.65	52.93	49.67	50.75	3.72	ppb
Molybdenum	95-1	48.49	52.78	48.82	50.03	4.77	ppb
Molybdenum	96-1	48.73	52.52	49.81	50.35	3.88	ppb
Molybdenum	97-1	49.57	53.04	49.37	50.66	4.07	ppb
Molybdenum	98-1	49.23	53.30	49.91	50.81	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.39	51.21	51.47	51.36	0.26	ppb
Phosphorus	31-2	1078.40	1080.22	1192.57	1117.06	5.85	ppb
Potassium	39-2	2625.32	2524.11	2655.94	2601.79	2.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	56.42	39.79	52.96	49.72	17.65	ppb
Selenium	78-2	58.92	48.71	47.31	51.65	12.27	ppb
Selenium	82-1	51.78	54.08	50.33	52.07	3.63	ppb
Silicon	28-1	142.69	72.06	63.66	92.80	46.77	ppb
Silver	109-1	54.34	58.23	54.31	55.62	4.05	ppb
Silver	107-1	54.47	58.32	55.22	56.00	3.64	ppb
Sodium	23-2	4992.39	4941.18	4935.05	4956.21	0.64	ppb
Strontium	86-1	49.36	53.39	50.66	51.14	4.02	ppb
Strontium	88-1	50.20	53.72	50.75	51.56	3.66	ppb
Sulfur	34-1	1086.99	2031.06	1632.98	1583.67	29.93	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	50.05	51.61	50.04	50.57	1.78	ppb
Thallium	205-1	50.58	51.77	50.22	50.86	1.59	ppb
Tin	118-1	52.74	56.81	53.27	54.28	4.08	ppb
Titanium	47-1	49.64	53.42	51.09	51.38	3.71	ppb
Uranium	238-1	48.80	50.19	48.92	49.30	1.57	ppb
Vanadium	51-2	49.37	49.00	50.44	49.60	1.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	103.28	102.36	102.37	102.67	0.51	ppb
Zirconium	90-1	49.48	53.02	50.19	50.90	3.68	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:19:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.83	52.34	49.58	50.25	3.68	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:22:56	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2455.51	2372.10	2349.40	2392.34	2.34	ppb
Antimony	121-1	133.19	132.64	131.45	132.43	0.67	ppb
Arsenic	75-2	125.04	126.96	126.00	126.00	0.76	ppb
Barium	135-1	659.06	651.53	652.84	654.48	0.61	ppb
Barium	137-1	658.05	660.74	649.19	655.99	0.92	ppb
Beryllium	9-1	126.46	125.39	125.35	125.73	0.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	119.84	123.22	125.00	122.68	2.14	ppb
Boron	11-1	121.53	122.43	122.74	122.23	0.51	ppb
Cadmium	111-1	135.03	133.45	132.93	133.80	0.82	ppb
Cadmium	106-1	137.52	135.57	135.91	136.34	0.76	ppb
Cadmium	108-1	136.67	137.76	136.73	137.05	0.45	ppb
Calcium	43-1	12119.03	12360.76	12516.34	12332.05	1.62	ppb
Calcium	44-1	12090.42	12468.00	12545.48	12367.97	1.97	ppb
Chromium	52-2	125.55	123.77	126.29	125.21	1.03	ppb
Cobalt	59-2	123.13	122.12	124.19	123.15	0.84	ppb
Copper	63-2	249.46	248.69	253.22	250.46	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6363.09	6331.20	6467.32	6387.21	1.11	ppb
Iron	57-2	6467.10	6424.77	6433.45	6441.77	0.35	ppb
Lead	206-1	123.15	121.24	123.48	122.62	0.99	ppb
Lead	207-1	123.09	120.89	122.87	122.28	0.99	ppb
Lead	208-1	124.13	122.28	123.68	123.36	0.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	12455.02	12301.86	12396.72	12384.53	0.62	ppb
Manganese	55-2	254.38	251.66	258.16	254.73	1.28	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:22:56	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.43	123.00	125.68	124.37	1.08	ppb
Molybdenum	95-1	122.12	120.14	125.21	122.49	2.09	ppb
Molybdenum	96-1	123.03	122.78	125.54	123.79	1.23	ppb
Molybdenum	97-1	121.89	121.71	124.53	122.71	1.29	ppb
Molybdenum	98-1	124.39	123.00	124.41	123.93	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.32	125.33	129.71	128.12	1.89	ppb
Phosphorus	31-2	2721.34	2519.59	2145.32	2462.08	11.87	ppb
Potassium	39-2	6294.65	6261.19	6318.96	6291.60	0.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	135.66	96.34	142.43	124.81	19.94	ppb
Selenium	78-2	133.43	122.54	136.37	130.78	5.57	ppb
Selenium	82-1	128.78	128.16	131.14	129.36	1.21	ppb
Silicon	28-1	134.89	143.91	144.24	141.01	3.76	ppb
Silver	109-1	136.50	136.23	133.46	135.40	1.24	ppb
Silver	107-1	136.32	137.00	134.87	136.06	0.80	ppb
Sodium	23-2	12577.42	12415.53	12580.62	12524.52	0.75	ppb
Strontium	86-1	124.86	124.13	125.92	124.97	0.72	ppb
Strontium	88-1	128.03	127.73	129.38	128.38	0.69	ppb
Sulfur	34-1	2932.34	3129.58	3020.35	3027.42	3.26	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	125.24	124.41	125.61	125.08	0.49	ppb
Thallium	205-1	124.49	126.46	126.66	125.87	0.95	ppb
Tin	118-1	134.17	133.68	131.55	133.14	1.05	ppb
Titanium	47-1	123.50	125.90	127.33	125.57	1.54	ppb
Uranium	238-1	124.99	122.80	124.55	124.11	0.93	ppb
Vanadium	51-2	124.71	124.46	125.09	124.76	0.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	252.78	249.92	250.52	251.08	0.60	ppb
Zirconium	90-1	126.24	126.29	126.63	126.39	0.17	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:22:56	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.27	122.81	124.31	123.80	0.69	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:26:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4739.01	4972.21	5015.53	4908.92	3.03	ppb
Antimony	121-1	265.72	263.40	262.00	263.70	0.71	ppb
Arsenic	75-2	251.63	251.03	250.73	251.13	0.18	ppb
Barium	135-1	1292.52	1305.52	1296.04	1298.03	0.52	ppb
Barium	137-1	1294.39	1306.02	1294.07	1298.16	0.52	ppb
Beryllium	9-1	253.70	250.51	246.70	250.30	1.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	245.90	251.75	240.91	246.19	2.20	ppb
Boron	11-1	249.07	249.42	247.76	248.75	0.35	ppb
Cadmium	111-1	258.91	259.34	261.14	259.79	0.46	ppb
Cadmium	106-1	258.40	262.30	260.69	260.46	0.75	ppb
Cadmium	108-1	264.17	262.31	262.13	262.87	0.43	ppb
Calcium	43-1	24748.41	24324.12	24967.50	24680.01	1.33	ppb
Calcium	44-1	24802.89	24290.99	24803.53	24632.47	1.20	ppb
Chromium	52-2	251.95	255.26	254.67	253.96	0.69	ppb
Cobalt	59-2	245.44	253.10	251.32	249.96	1.60	ppb
Copper	63-2	501.53	508.43	509.60	506.52	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				104		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	12678.20	12904.51	12940.93	12841.21	1.11	ppb
Iron	57-2	12831.71	13020.02	13086.67	12979.47	1.02	ppb
Lead	206-1	245.93	242.18	245.64	244.58	0.85	ppb
Lead	207-1	243.41	241.36	243.83	242.87	0.54	ppb
Lead	208-1	248.99	245.19	248.69	247.62	0.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	24725.86	25540.59	25368.43	25211.63	1.70	ppb
Manganese	55-2	504.77	511.81	511.09	509.22	0.76	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:26:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	255.18	254.36	256.72	255.42	0.47	ppb
Molybdenum	95-1	247.61	248.20	249.05	248.29	0.29	ppb
Molybdenum	96-1	248.67	249.36	250.25	249.42	0.32	ppb
Molybdenum	97-1	246.35	249.02	249.31	248.22	0.66	ppb
Molybdenum	98-1	251.78	258.64	253.75	254.72	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.85	257.15	256.97	256.32	0.50	ppb
Phosphorus	31-2	5400.04	5050.99	4937.17	5129.40	4.70	ppb
Potassium	39-2	12650.62	12858.45	12858.63	12789.23	0.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	228.60	194.60	221.56	214.92	8.35	ppb
Selenium	78-2	244.97	236.60	250.01	243.86	2.78	ppb
Selenium	82-1	257.58	258.30	254.33	256.74	0.82	ppb
Silicon	28-1	279.97	272.84	291.72	281.51	3.39	ppb
Silver	109-1	266.79	269.61	271.33	269.24	0.85	ppb
Silver	107-1	265.41	270.36	268.50	268.09	0.93	ppb
Sodium	23-2	25264.86	25326.07	25587.92	25392.95	0.68	ppb
Strontium	86-1	248.86	249.10	250.36	249.44	0.32	ppb
Strontium	88-1	250.21	251.22	250.14	250.52	0.24	ppb
Sulfur	34-1	5565.63	5198.27	5578.98	5447.63	3.97	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	249.65	244.71	249.94	248.10	1.19	ppb
Thallium	205-1	255.44	248.89	252.09	252.14	1.30	ppb
Tin	118-1	261.63	264.13	259.65	261.81	0.86	ppb
Titanium	47-1	253.85	251.08	252.17	252.36	0.55	ppb
Uranium	238-1	247.82	243.78	244.74	245.44	0.86	ppb
Vanadium	51-2	249.95	253.54	253.49	252.33	0.82	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	500.74	514.11	513.99	509.61	1.51	ppb
Zirconium	90-1	250.18	251.94	254.15	252.09	0.79	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:26:19	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.20	249.25	248.00	248.15	0.42	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:29:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9263.01	9697.31	9797.58	9585.97	2.96	ppb
Antimony	121-1	511.45	510.86	505.57	509.29	0.64	ppb
Arsenic	75-2	502.65	503.24	497.83	501.24	0.59	ppb
Barium	135-1	2516.08	2503.00	2523.04	2514.04	0.40	ppb
Barium	137-1	2517.70	2514.79	2573.07	2535.19	1.30	ppb
Beryllium	9-1	498.30	495.89	491.30	495.16	0.72	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	492.64	492.86	492.82	492.77	0.02	ppb
Boron	11-1	500.77	496.48	498.15	498.47	0.43	ppb
Cadmium	111-1	504.87	503.26	509.54	505.89	0.65	ppb
Cadmium	106-1	515.31	502.13	507.32	508.25	1.31	ppb
Cadmium	108-1	515.45	509.34	514.11	512.97	0.63	ppb
Calcium	43-1	49645.10	49740.00	48996.63	49460.58	0.82	ppb
Calcium	44-1	49706.07	49692.25	49236.96	49545.10	0.54	ppb
Chromium	52-2	493.42	504.06	503.52	500.33	1.20	ppb
Cobalt	59-2	482.11	495.55	497.08	491.58	1.68	ppb
Copper	63-2	987.79	1022.65	1023.66	1011.37	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	25067.86	25471.51	25681.07	25406.81	1.23	ppb
Iron	57-2	25037.24	25672.90	25895.10	25535.08	1.74	ppb
Lead	206-1	506.27	502.74	496.30	501.77	1.01	ppb
Lead	207-1	508.23	505.15	500.78	504.72	0.74	ppb
Lead	208-1	507.12	504.23	500.99	504.11	0.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	49555.14	50610.50	51278.06	50481.23	1.72	ppb
Manganese	55-2	980.69	1005.09	1012.44	999.41	1.66	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:29:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.69	497.58	502.41	501.56	0.72	ppb
Molybdenum	95-1	507.32	505.00	502.11	504.81	0.52	ppb
Molybdenum	96-1	505.45	497.38	502.11	501.65	0.81	ppb
Molybdenum	97-1	498.14	491.07	492.33	493.84	0.76	ppb
Molybdenum	98-1	510.11	504.29	503.59	506.00	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.35	511.80	506.45	503.87	1.88	ppb
Phosphorus	31-2	9943.20	9938.96	10078.81	9986.99	0.80	ppb
Potassium	39-2	24432.85	24926.66	24965.11	24774.88	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	532.71	502.03	551.33	528.69	4.71	ppb
Selenium	78-2	496.43	502.82	451.72	483.65	5.76	ppb
Selenium	82-1	506.98	503.63	507.96	506.19	0.45	ppb
Silicon	28-1	555.17	550.14	556.27	553.86	0.59	ppb
Silver	109-1	519.44	515.35	520.53	518.44	0.53	ppb
Silver	107-1	518.65	519.00	522.74	520.13	0.43	ppb
Sodium	23-2	48756.74	50235.58	50537.30	49843.21	1.91	ppb
Strontium	86-1	496.83	495.08	497.66	496.52	0.26	ppb
Strontium	88-1	504.99	498.65	498.89	500.84	0.72	ppb
Sulfur	34-1	11048.60	11170.12	10683.97	10967.56	2.31	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	505.82	498.65	502.77	502.41	0.72	ppb
Thallium	205-1	498.28	498.34	493.08	496.56	0.61	ppb
Tin	118-1	513.25	511.84	509.88	511.65	0.33	ppb
Titanium	47-1	507.48	503.54	503.40	504.81	0.46	ppb
Uranium	238-1	495.93	497.47	495.43	496.28	0.21	ppb
Vanadium	51-2	488.14	501.66	502.37	497.39	1.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	974.14	998.12	1000.03	990.76	1.46	ppb
Zirconium	90-1	500.08	500.56	499.26	499.97	0.13	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:29:36	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.90	505.46	502.92	504.09	0.25	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:32:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19419.98	19614.98	19315.29	19450.08	0.78	ppb
Antimony	121-1	998.08	978.96	995.41	990.81	1.04	ppb
Arsenic	75-2	993.46	1002.09	1001.28	998.94	0.48	ppb
Barium	135-1	4986.22	4970.15	4972.77	4976.38	0.17	ppb
Barium	137-1	5003.15	4906.39	4986.96	4965.50	1.04	ppb
Beryllium	9-1	998.26	987.18	1021.01	1002.15	1.72	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	996.00	994.62	1024.14	1004.92	1.66	ppb
Boron	11-1	995.33	988.10	1020.96	1001.46	1.72	ppb
Cadmium	111-1	1000.28	1003.48	976.00	993.25	1.51	ppb
Cadmium	106-1	1004.22	977.45	992.87	991.51	1.36	ppb
Cadmium	108-1	995.77	983.54	985.81	988.38	0.66	ppb
Calcium	43-1	99163.58	99194.97	100369.36	99575.97	0.69	ppb
Calcium	44-1	97749.73	97450.30	98033.95	97744.66	0.30	ppb
Chromium	52-2	998.25	1009.49	988.63	998.79	1.05	ppb
Cobalt	59-2	1007.10	1015.58	990.71	1004.46	1.26	ppb
Copper	63-2	1987.24	1992.95	1997.50	1992.56	0.26	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				114		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	50992.82	50819.05	49977.61	50596.49	1.07	ppb
Iron	57-2	51152.50	51324.30	50225.10	50900.63	1.16	ppb
Lead	206-1	1000.20	1002.82	999.24	1000.75	0.19	ppb
Lead	207-1	999.86	992.00	1007.53	999.80	0.78	ppb
Lead	208-1	995.21	993.18	1007.84	998.74	0.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	102515.74	102369.66	100632.53	101839.31	1.03	ppb
Manganese	55-2	2005.90	2010.17	1975.84	1997.30	0.94	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:32:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	992.90	993.28	1007.58	997.92	0.84	ppb
Molybdenum	95-1	995.81	1001.79	997.41	998.34	0.31	ppb
Molybdenum	96-1	999.80	1001.59	996.99	999.46	0.23	ppb
Molybdenum	97-1	1009.98	996.97	1004.38	1003.78	0.65	ppb
Molybdenum	98-1	989.91	998.87	998.97	995.92	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.32	1005.20	985.56	996.03	0.99	ppb
Phosphorus	31-2	19526.85	20836.98	19555.30	19973.04	3.75	ppb
Potassium	39-2	49303.75	49643.65	48519.24	49155.55	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	1040.40	901.87	1041.16	994.48	8.06	ppb
Selenium	78-2	1006.05	1011.13	1009.57	1008.92	0.26	ppb
Selenium	82-1	989.25	992.04	1002.44	994.57	0.70	ppb
Silicon	28-1	962.44	956.45	964.29	961.06	0.43	ppb
Silver	109-1	995.15	980.24	977.78	984.39	0.95	ppb
Silver	107-1	992.05	983.30	975.84	983.73	0.83	ppb
Sodium	23-2	100814.57	101629.01	99968.93	100804.17	0.82	ppb
Strontium	86-1	1002.07	1001.27	1002.14	1001.83	0.05	ppb
Strontium	88-1	992.25	999.65	1004.94	998.95	0.64	ppb
Sulfur	34-1	17752.72	17912.36	22262.52	19309.20	13.25	ppb
Terbium	159-1				112		%
Terbium	159-2				98		%
Thallium	203-1	1003.15	997.45	997.09	999.23	0.34	ppb
Thallium	205-1	1004.53	990.83	1007.74	1001.03	0.90	ppb
Tin	118-1	995.31	992.59	982.07	989.99	0.71	ppb
Titanium	47-1	993.86	997.46	999.28	996.87	0.28	ppb
Uranium	238-1	999.98	1006.29	1003.16	1003.14	0.31	ppb
Vanadium	51-2	1000.61	1009.18	992.54	1000.78	0.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	2016.23	2006.67	1982.95	2001.95	0.86	ppb
Zirconium	90-1	992.06	999.76	1006.01	999.28	0.70	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:32:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	996.97	999.24	999.46	998.55	0.14	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:35:57	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101849.67	100527.22	98100.25	100159.05	1.90	ppb
Antimony	121-1	2.08	2.02	2.07	2.05	1.54	ppb
Arsenic	75-2	0.23	0.39	0.39	0.34	27.58	ppb
Barium	135-1	1.52	1.57	1.71	1.60	6.09	ppb
Barium	137-1	1.56	1.66	1.57	1.60	3.48	ppb
Beryllium	9-1	0.20	0.19	0.17	0.18	8.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	35.19	32.11	28.76	32.02	10.04	ppb
Boron	11-1	34.22	31.78	29.13	31.71	8.02	ppb
Cadmium	111-1	0.13	0.03	0.12	0.09	57.95	ppb
Cadmium	106-1	0.14	-1.33	-0.54	-0.58		ppb
Cadmium	108-1	0.15	0.12	0.15	0.14	12.50	ppb
Calcium	43-1	507931.33	497928.82	494612.66	500157.60	1.39	ppb
Calcium	44-1	505995.92	498145.60	497408.15	500516.56	0.95	ppb
Chromium	52-2	3.61	3.42	3.46	3.50	2.82	ppb
Cobalt	59-2	1.16	1.20	1.11	1.16	3.89	ppb
Copper	63-2	2.74	2.79	2.60	2.71	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	253065.38	250203.09	246186.04	249818.17	1.38	ppb
Iron	57-2	256044.51	248612.27	244552.63	249736.47	2.33	ppb
Lead	206-1	1.92	1.89	1.93	1.91	1.22	ppb
Lead	207-1	1.73	1.65	1.69	1.69	2.29	ppb
Lead	208-1	1.80	1.75	1.81	1.79	1.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	509314.11	499810.01	489605.54	499576.55	1.97	ppb
Manganese	55-2	5.30	5.21	5.07	5.20	2.25	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:35:57	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.44	0.41	0.43	0.43	3.94	ppb
Molybdenum	95-1	0.97	0.96	0.96	0.96	0.72	ppb
Molybdenum	96-1	1.30	1.21	1.30	1.27	4.11	ppb
Molybdenum	97-1	1.00	0.98	0.94	0.97	3.15	ppb
Molybdenum	98-1	0.98	0.98	0.97	0.98	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.34	2.20	2.27	2.27	2.96	ppb
Phosphorus	31-2	-1.51	-1.79	11.61	2.77	276.06	ppb
Potassium	39-2	255275.17	251145.36	244104.33	250174.95	2.26	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	-2.19	1.17	-2.19	-1.07		ppb
Selenium	78-2	0.23	-0.34	-0.90	-0.34		ppb
Selenium	82-1	0.53	0.08	0.41	0.34	69.07	ppb
Silicon	28-1	11.29	8.95	9.68	9.97	12.05	ppb
Silver	109-1	0.10	0.08	5.23	1.81	164.46	ppb
Silver	107-1	0.08	0.09	0.08	0.08	7.04	ppb
Sodium	23-2	511969.62	496803.86	490731.71	499835.06	2.19	ppb
Strontium	86-1	33.50	35.23	33.62	34.12	2.83	ppb
Strontium	88-1	34.52	34.77	34.17	34.49	0.88	ppb
Sulfur	34-1	-110.08	-66.22	-119.22	-98.50		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.32	0.31	0.33	0.32	2.94	ppb
Thallium	205-1	0.32	0.28	0.27	0.29	9.41	ppb
Tin	118-1	0.46	0.42	0.40	0.43	7.67	ppb
Titanium	47-1	0.68	0.60	0.61	0.63	6.96	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	10.95	ppb
Vanadium	51-2	0.27	0.26	0.26	0.26	1.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	6.05	5.70	5.79	5.84	3.07	ppb
Zirconium	90-1	0.15	0.15	0.14	0.15	3.72	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:35:57	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.16	0.13	0.15	10.40	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:39:16	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	504.89	481.46	476.85	487.73	3.08	ppb
Antimony	121-1	210.71	206.51	203.60	206.94	1.73	ppb
Arsenic	75-2	196.31	195.35	197.65	196.43	0.59	ppb
Barium	135-1	103.88	101.31	101.98	102.39	1.30	ppb
Barium	137-1	104.33	101.99	102.56	102.96	1.19	ppb
Beryllium	9-1	96.36	96.16	94.62	95.72	0.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	564.23	557.43	550.66	557.44	1.22	ppb
Boron	11-1	572.35	566.83	560.97	566.72	1.00	ppb
Cadmium	111-1	108.18	105.49	106.36	106.68	1.29	ppb
Cadmium	106-1	163.62	159.60	163.01	162.08	1.33	ppb
Cadmium	108-1	137.36	136.62	136.58	136.85	0.32	ppb
Calcium	43-1	2155.99	2116.59	2090.48	2121.02	1.55	ppb
Calcium	44-1	2106.39	2056.35	2047.71	2070.15	1.53	ppb
Chromium	52-2	94.48	94.78	96.17	95.14	0.95	ppb
Cobalt	59-2	94.45	94.22	97.12	95.26	1.69	ppb
Copper	63-2	95.75	96.15	97.57	96.49	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	971.92	972.96	984.17	976.35	0.70	ppb
Iron	57-2	939.78	962.94	974.49	959.07	1.84	ppb
Lead	206-1	199.62	196.04	195.72	197.13	1.10	ppb
Lead	207-1	190.82	186.71	185.66	187.73	1.45	ppb
Lead	208-1	200.07	195.64	194.13	196.61	1.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	1175.41	1160.23	1187.29	1174.31	1.16	ppb
Manganese	55-2	98.49	97.43	99.69	98.53	1.15	ppb

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:39:16 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.78	490.97	492.34	493.03	0.50	ppb
Molybdenum	95-1	503.71	483.54	496.95	494.74	2.07	ppb
Molybdenum	96-1	508.47	485.24	498.77	497.49	2.35	ppb
Molybdenum	97-1	496.89	479.90	488.63	488.47	1.74	ppb
Molybdenum	98-1	513.77	494.91	497.19	501.95	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.14	98.18	100.96	98.43	2.46	ppb
Phosphorus	31-2	-2.88	-15.75	10.23	-2.80		ppb
Potassium	39-2	1931.54	2021.11	1954.28	1968.98	2.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	230.30	157.55	211.24	199.70	18.89	ppb
Selenium	78-2	206.76	209.89	198.11	204.92	2.98	ppb
Selenium	82-1	204.94	199.78	204.11	202.95	1.37	ppb
Silicon	28-1	474.72	459.56	465.51	466.60	1.64	ppb
Silver	109-1	105.60	103.34	103.62	104.19	1.18	ppb
Silver	107-1	106.47	104.57	104.29	105.11	1.13	ppb
Sodium	23-2	2004.32	2025.71	2039.82	2023.28	0.88	ppb
Strontium	86-1	496.94	481.71	488.80	489.15	1.56	ppb
Strontium	88-1	505.29	492.55	490.12	495.99	1.64	ppb
Sulfur	34-1	-217.10	-616.64	-643.11	-492.28		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	205.42	199.66	200.92	202.00	1.50	ppb
Thallium	205-1	210.16	204.24	202.22	205.54	2.01	ppb
Tin	118-1	531.84	521.92	530.69	528.15	1.03	ppb
Titanium	47-1	494.53	483.35	486.71	488.20	1.18	ppb
Uranium	238-1	529.24	508.84	513.28	517.12	2.07	ppb
Vanadium	51-2	94.06	94.19	96.35	94.86	1.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	192.64	197.93	198.08	196.22	1.58	ppb
Zirconium	90-1	494.10	480.88	486.30	487.09	1.36	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:39:16	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.55	479.39	493.26	492.40	2.56	ppb

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:42:21 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.16	0.80	-3.20	-1.86		ppb
Antimony	121-1	0.21	0.18	0.19	0.20	8.07	ppb
Arsenic	75-2	0.05	0.07	0.03	0.05	41.67	ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.09	0.06	0.05	0.07	35.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	13.39	13.53	12.76	13.23	3.09	ppb
Boron	11-1	12.77	12.42	12.09	12.43	2.72	ppb
Cadmium	111-1	-0.03	0.01	-0.07	-0.03		ppb
Cadmium	106-1	-0.70	-0.08	-1.23	-0.67		ppb
Cadmium	108-1	-0.06	0.04	-0.06	-0.02		ppb
Calcium	43-1	2.32	-16.66	-15.70	-10.01		ppb
Calcium	44-1	12.50	9.64	10.86	11.00	13.04	ppb
Chromium	52-2	0.03	0.02	0.00	0.01	96.89	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	0.02	0.01	39.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.90	0.84	0.97	0.90	6.80	ppb
Iron	57-2	3.57	-1.11	1.03	1.16	201.47	ppb
Lead	206-1	0.08	0.06	0.08	0.07	16.20	ppb
Lead	207-1	0.08	0.06	0.05	0.06	28.78	ppb
Lead	208-1	0.08	0.07	0.06	0.07	11.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.14	-0.08	0.27	0.78	153.59	ppb
Manganese	55-2	0.11	0.05	-0.04	0.04	202.62	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:42:21	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.05	0.04	33.11	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	18.53	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.05	10.30	ppb
Molybdenum	97-1	0.07	0.03	0.05	0.05	39.61	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	17.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.18	-0.08	-0.12		ppb
Phosphorus	31-2	-15.75	38.92	-15.75	2.48	1274.90	ppb
Potassium	39-2	34.49	17.01	17.04	22.85	44.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-2.19	-2.19	-2.19	-2.19		ppb
Selenium	78-2	-0.90	-0.35	-1.46	-0.90		ppb
Selenium	82-1	0.43	-0.02	-0.30	0.04	967.41	ppb
Silicon	28-1	-0.84	-4.10	-3.61	-2.85		ppb
Silver	109-1	0.02	0.01	0.00	0.01	99.54	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.23	ppb
Sodium	23-2	70.62	65.92	64.55	67.03	4.75	ppb
Strontium	86-1	-0.02	-0.03	0.02	-0.01		ppb
Strontium	88-1	-0.01	-0.01	0.00	0.00		ppb
Sulfur	34-1	-378.68	-633.86	-665.76	-559.43		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.08	0.07	0.08	14.22	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	6.23	ppb
Tin	118-1	0.18	0.19	0.18	0.18	2.55	ppb
Titanium	47-1	0.02	0.00	0.05	0.03	98.03	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	29.42	ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.02	-0.09	-0.03	-0.03		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.63	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:42:21	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	30.17	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:45:30	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88467.39	102852.46	90072.56	93797.47	8.40	ppb
Antimony	121-1	1.20	1.17	1.25	1.21	3.37	ppb
Arsenic	75-2	0.28	0.19	0.53	0.33	52.63	ppb
Barium	135-1	1.48	1.49	1.57	1.51	3.45	ppb
Barium	137-1	1.55	1.52	1.47	1.51	2.81	ppb
Beryllium	9-1	0.35	0.38	0.32	0.35	8.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				93		%
Boron	10-1	10.38	11.41	11.18	10.99	4.92	ppb
Boron	11-1	11.94	11.32	10.97	11.41	4.28	ppb
Cadmium	111-1	0.24	0.30	0.25	0.26	12.30	ppb
Cadmium	106-1	-0.79	-0.90	-1.26	-0.98		ppb
Cadmium	108-1	7.92	6.22	6.79	6.97	12.39	ppb
Calcium	43-1	96381.90	96455.20	97433.70	96756.93	0.61	ppb
Calcium	44-1	95660.31	95605.21	96128.82	95798.11	0.30	ppb
Chromium	52-2	19.22	22.79	19.95	20.65	9.13	ppb
Cobalt	59-2	1.12	1.30	1.14	1.18	8.23	ppb
Copper	63-2	7.53	8.91	7.66	8.03	9.52	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				109		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	97958.07	112731.10	99354.94	103348.04	7.89	ppb
Iron	57-2	100414.91	115076.21	102923.29	106138.14	7.39	ppb
Lead	206-1	4.44	4.52	4.53	4.50	1.15	ppb
Lead	207-1	4.01	3.82	3.86	3.90	2.66	ppb
Lead	208-1	4.16	4.12	4.15	4.14	0.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	97414.56	111609.12	97510.92	102178.20	7.99	ppb
Manganese	55-2	7.63	9.17	7.84	8.21	10.13	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:45:30	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	576.88	569.26	579.88	575.34	0.95	ppb
Molybdenum	95-1	1840.42	1838.37	1843.98	1840.93	0.15	ppb
Molybdenum	96-1	1551.78	1548.26	1544.28	1548.11	0.24	ppb
Molybdenum	97-1	1844.36	1837.93	1872.40	1851.56	0.99	ppb
Molybdenum	98-1	1866.91	1852.89	1868.80	1862.87	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.10	5.78	4.90	5.26	8.83	ppb
Phosphorus	31-2	98504.05	111126.96	95670.34	101767.11	8.09	ppb
Potassium	39-2	99131.02	114255.01	100947.40	104777.81	7.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	-2.19	-2.19	-2.19	-2.19		ppb
Selenium	78-2	0.20	1.14	-1.46	-0.04		ppb
Selenium	82-1	-0.18	0.52	-0.57	-0.08		ppb
Silicon	28-1	23.33	24.15	22.76	23.41	2.98	ppb
Silver	109-1	0.16	0.18	0.20	0.18	8.95	ppb
Silver	107-1	0.19	0.19	0.20	0.19	4.36	ppb
Sodium	23-2	96648.05	112870.21	99287.62	102935.29	8.46	ppb
Strontium	86-1	31.79	31.85	31.99	31.88	0.32	ppb
Strontium	88-1	32.48	32.21	32.61	32.44	0.62	ppb
Sulfur	34-1	83094.58	83944.64	82960.57	83333.26	0.64	ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	0.16	0.17	0.17	0.17	2.92	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	3.06	ppb
Tin	118-1	0.20	0.17	0.20	0.19	8.33	ppb
Titanium	47-1	1899.87	1903.43	1885.81	1896.37	0.49	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.02	ppb
Vanadium	51-2	0.14	0.19	0.12	0.15	26.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	11.49	13.49	12.41	12.46	8.04	ppb
Zirconium	90-1	0.13	0.12	0.12	0.13	4.67	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:45:30	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.12	0.11	0.12	12.80	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:48:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88620.69	87403.47	88899.14	88307.77	0.90	ppb
Antimony	121-1	20.62	20.44	20.71	20.59	0.65	ppb
Arsenic	75-2	19.53	19.45	18.75	19.24	2.22	ppb
Barium	135-1	21.30	21.39	20.99	21.23	0.99	ppb
Barium	137-1	21.21	21.75	21.60	21.52	1.29	ppb
Beryllium	9-1	20.01	20.05	20.12	20.06	0.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	68.67	63.43	68.01	66.70	4.28	ppb
Boron	11-1	63.69	65.14	67.75	65.53	3.13	ppb
Cadmium	111-1	19.43	19.57	19.92	19.64	1.28	ppb
Cadmium	106-1	20.53	24.55	22.60	22.56	8.92	ppb
Cadmium	108-1	28.33	28.41	30.35	29.03	3.94	ppb
Calcium	43-1	95516.19	95469.83	99972.36	96986.13	2.67	ppb
Calcium	44-1	94695.75	94163.28	97675.19	95511.40	1.98	ppb
Chromium	52-2	38.75	38.11	39.92	38.92	2.35	ppb
Cobalt	59-2	20.40	20.30	20.43	20.37	0.34	ppb
Copper	63-2	27.23	26.58	27.29	27.03	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	97347.92	96479.38	98506.22	97444.51	1.04	ppb
Iron	57-2	101008.76	98542.90	100559.55	100037.07	1.31	ppb
Lead	206-1	23.97	24.27	24.64	24.29	1.39	ppb
Lead	207-1	21.88	21.90	22.41	22.06	1.37	ppb
Lead	208-1	22.81	22.92	23.24	22.99	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	96692.93	95749.52	97924.67	96789.04	1.13	ppb
Manganese	55-2	28.32	27.60	27.64	27.85	1.45	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:48:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	621.14	625.87	627.77	624.93	0.55	ppb
Molybdenum	95-1	1891.79	1911.58	1916.77	1906.71	0.69	ppb
Molybdenum	96-1	1592.29	1600.19	1620.87	1604.45	0.92	ppb
Molybdenum	97-1	1912.22	1894.16	1913.73	1906.70	0.57	ppb
Molybdenum	98-1	1930.96	1918.92	1943.56	1931.15	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.19	24.68	24.45	24.44	1.01	ppb
Phosphorus	31-2	94410.45	95702.69	96025.03	95379.39	0.90	ppb
Potassium	39-2	99583.80	98290.09	99441.42	99105.10	0.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	1.07	17.50	17.68	12.08	78.92	ppb
Selenium	78-2	21.44	21.56	19.01	20.67	6.96	ppb
Selenium	82-1	19.23	20.11	19.03	19.45	2.95	ppb
Silicon	28-1	76.00	75.79	80.46	77.42	3.41	ppb
Silver	109-1	18.87	19.17	18.97	19.00	0.79	ppb
Silver	107-1	19.15	18.94	19.27	19.12	0.89	ppb
Sodium	23-2	97294.47	95254.96	96915.66	96488.36	1.12	ppb
Strontium	86-1	81.20	81.17	82.23	81.53	0.74	ppb
Strontium	88-1	84.00	84.97	84.83	84.60	0.62	ppb
Sulfur	34-1	81858.32	81317.97	84443.03	82539.77	2.02	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	19.89	19.88	20.53	20.10	1.85	ppb
Thallium	205-1	19.85	20.13	20.33	20.10	1.18	ppb
Tin	118-1	51.56	51.35	52.84	51.92	1.55	ppb
Titanium	47-1	1912.28	1923.57	2003.69	1946.51	2.56	ppb
Uranium	238-1	49.81	50.51	51.45	50.59	1.63	ppb
Vanadium	51-2	19.22	19.28	19.87	19.45	1.84	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	30.79	29.23	32.92	30.98	5.98	ppb
Zirconium	90-1	50.16	50.95	51.01	50.71	0.93	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:48:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.23	50.54	50.00	50.26	0.54	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P8
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:51:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49550.60	49824.47	49308.27	49561.11	0.52	ppb
Antimony	121-1	506.51	512.19	522.26	513.65	1.55	ppb
Arsenic	75-2	500.69	500.90	498.37	499.99	0.28	ppb
Barium	135-1	2563.70	2583.39	2618.76	2588.62	1.08	ppb
Barium	137-1	2536.28	2570.52	2595.99	2567.60	1.17	ppb
Beryllium	9-1	511.28	509.72	504.70	508.57	0.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	522.30	526.61	515.11	521.34	1.12	ppb
Boron	11-1	512.50	519.56	518.07	516.71	0.72	ppb
Cadmium	111-1	489.28	493.94	504.46	495.90	1.57	ppb
Cadmium	106-1	500.41	498.76	515.58	504.92	1.84	ppb
Cadmium	108-1	507.10	501.38	515.18	507.89	1.36	ppb
Calcium	43-1	243084.71	247328.21	245992.88	245468.60	0.88	ppb
Calcium	44-1	243614.92	249638.85	245434.80	246229.52	1.25	ppb
Chromium	52-2	499.36	501.49	497.78	499.54	0.37	ppb
Cobalt	59-2	477.31	479.83	475.91	477.68	0.42	ppb
Copper	63-2	963.17	963.04	967.87	964.70	0.29	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				108		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	121446.95	120709.18	120858.84	121004.99	0.32	ppb
Iron	57-2	126013.11	126813.03	124522.48	125782.87	0.92	ppb
Lead	206-1	519.48	524.45	514.67	519.53	0.94	ppb
Lead	207-1	511.46	523.38	513.55	516.13	1.23	ppb
Lead	208-1	515.71	524.10	514.90	518.24	0.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	247222.82	246344.35	244592.41	246053.19	0.54	ppb
Manganese	55-2	1001.89	1003.69	1000.18	1001.92	0.18	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P8
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:51:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	510.93	509.77	509.35	510.01	0.16	ppb
Molybdenum	95-1	517.43	509.92	512.47	513.27	0.74	ppb
Molybdenum	96-1	507.56	509.54	506.61	507.90	0.29	ppb
Molybdenum	97-1	494.21	499.89	498.10	497.40	0.58	ppb
Molybdenum	98-1	510.48	512.38	503.69	508.85	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.01	484.41	483.35	483.92	0.11	ppb
Phosphorus	31-2	10788.00	10469.50	9665.13	10307.54	5.61	ppb
Potassium	39-2	125954.14	127539.56	125756.43	126416.71	0.77	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	474.18	478.66	483.70	478.85	1.00	ppb
Selenium	78-2	507.78	511.58	519.52	512.96	1.17	ppb
Selenium	82-1	494.69	502.09	495.82	497.54	0.80	ppb
Silicon	28-1	496.75	506.62	510.09	504.49	1.37	ppb
Silver	109-1	496.90	506.42	515.38	506.23	1.83	ppb
Silver	107-1	502.40	504.06	509.20	505.22	0.70	ppb
Sodium	23-2	244619.83	244221.36	243496.40	244112.53	0.23	ppb
Strontium	86-1	514.14	516.06	509.96	513.39	0.61	ppb
Strontium	88-1	513.31	526.14	520.13	519.86	1.24	ppb
Sulfur	34-1	9990.40	10337.66	10395.30	10241.12	2.14	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	519.76	524.29	525.60	523.22	0.59	ppb
Thallium	205-1	519.31	524.81	511.37	518.50	1.30	ppb
Tin	118-1	514.77	519.98	529.25	521.33	1.41	ppb
Titanium	47-1	497.55	509.27	500.91	502.57	1.20	ppb
Uranium	238-1	522.24	522.09	521.60	521.98	0.06	ppb
Vanadium	51-2	501.81	502.20	501.11	501.71	0.11	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	994.01	987.30	995.53	992.28	0.44	ppb
Zirconium	90-1	505.89	512.04	504.90	507.61	0.76	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P8
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:51:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.58	520.77	514.41	515.92	0.83	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P8
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:54:37	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	1.07	-0.29	0.04	2585.44	ppb
Antimony	121-1	0.25	0.28	0.26	0.26	6.37	ppb
Arsenic	75-2	0.08	0.06	0.03	0.05	48.06	ppb
Barium	135-1	-0.01	-0.01	-0.03	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	81.95	ppb
Beryllium	9-1	0.07	0.10	0.12	0.10	21.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	15.47	14.53	14.31	14.77	4.17	ppb
Boron	11-1	15.14	14.21	13.07	14.14	7.34	ppb
Cadmium	111-1	-0.07	-0.05	-0.04	-0.06		ppb
Cadmium	106-1	-1.24	-1.02	-0.80	-1.02		ppb
Cadmium	108-1	0.07	-0.03	-0.02	0.01	933.60	ppb
Calcium	43-1	-13.70	0.85	-15.02	-9.29		ppb
Calcium	44-1	13.41	15.62	18.38	15.80	15.76	ppb
Chromium	52-2	0.09	-0.08	0.02	0.01	772.58	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.14	0.10	0.08	0.11	29.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				93		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	1.90	1.69	1.13	1.57	25.46	ppb
Iron	57-2	2.54	2.05	2.02	2.20	13.36	ppb
Lead	206-1	0.08	0.05	0.05	0.06	28.79	ppb
Lead	207-1	0.07	0.03	0.05	0.05	36.94	ppb
Lead	208-1	0.07	0.04	0.04	0.05	32.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.07	0.43	0.02	0.51	104.57	ppb
Manganese	55-2	0.04	0.02	0.08	0.05	73.97	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P8
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:54:37	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.05	0.06	6.40	ppb
Molybdenum	95-1	0.06	0.10	0.07	0.08	31.11	ppb
Molybdenum	96-1	0.06	0.07	0.05	0.06	15.54	ppb
Molybdenum	97-1	0.08	0.05	0.10	0.08	27.91	ppb
Molybdenum	98-1	0.10	0.08	0.07	0.08	20.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.25	-0.29	-0.27		ppb
Phosphorus	31-2	-0.19	-15.75	-2.30	-6.08		ppb
Potassium	39-2	65.05	35.81	15.32	38.73	64.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	-2.19	-2.19	-2.19	-2.19		ppb
Selenium	78-2	-0.83	-0.30	-1.46	-0.87		ppb
Selenium	82-1	-0.19	0.14	-0.41	-0.16		ppb
Silicon	28-1	-3.52	-3.32	-3.18	-3.34		ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.48	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.55	ppb
Sodium	23-2	126.36	102.88	84.79	104.68	19.91	ppb
Strontium	86-1	-0.02	-0.06	-0.03	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-941.21	-784.31	-720.80	-815.44		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	0.12	0.10	0.10	0.11	12.04	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	6.86	ppb
Tin	118-1	0.09	0.09	0.08	0.09	4.22	ppb
Titanium	47-1	-0.02	0.09	0.13	0.07	116.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	34.11	ppb
Vanadium	51-2	0.00	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	0.34	0.00	0.17	0.17	99.43	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	11.27	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P8
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:54:37	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.02	0.03	23.59	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:57:45	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.01	5.83	18.52	11.79	54.13	ppb
Antimony	121-1	1.98	1.93	1.93	1.95	1.55	ppb
Arsenic	75-2	0.85	1.04	0.95	0.95	10.41	ppb
Barium	135-1	9.28	9.17	8.97	9.14	1.68	ppb
Barium	137-1	9.11	9.30	9.31	9.24	1.23	ppb
Beryllium	9-1	0.92	0.92	0.93	0.92	0.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	28.20	30.51	28.46	29.06	4.36	ppb
Boron	11-1	28.95	28.94	30.52	29.47	3.09	ppb
Cadmium	111-1	1.00	1.03	0.90	0.97	7.05	ppb
Cadmium	106-1	1.15	1.31	0.26	0.91	62.00	ppb
Cadmium	108-1	1.04	0.86	1.05	0.99	10.87	ppb
Calcium	43-1	433.07	422.85	426.15	427.36	1.22	ppb
Calcium	44-1	453.37	457.66	452.59	454.54	0.60	ppb
Chromium	52-2	2.11	2.12	1.85	2.03	7.60	ppb
Cobalt	59-2	0.90	0.90	0.90	0.90	0.41	ppb
Copper	63-2	1.98	2.13	2.16	2.09	4.58	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				103		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	47.90	46.79	46.13	46.94	1.90	ppb
Iron	57-2	48.95	47.06	45.31	47.11	3.86	ppb
Lead	206-1	1.01	1.03	0.98	1.01	2.18	ppb
Lead	207-1	0.98	1.04	0.96	0.99	3.94	ppb
Lead	208-1	1.01	1.03	0.99	1.01	2.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	454.87	452.33	448.28	451.82	0.74	ppb
Manganese	55-2	1.04	0.93	0.90	0.96	8.00	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:57:45	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.00	2.02	1.92	1.98	2.78	ppb
Molybdenum	95-1	4.22	4.22	4.39	4.28	2.28	ppb
Molybdenum	96-1	3.89	3.88	3.74	3.84	2.20	ppb
Molybdenum	97-1	4.28	4.45	4.21	4.31	2.82	ppb
Molybdenum	98-1	4.30	4.45	4.33	4.36	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.65	0.73	0.74	12.02	ppb
Phosphorus	31-2	-1.99	-2.11	11.07	2.32	326.15	ppb
Potassium	39-2	485.81	481.61	466.45	477.96	2.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-2.19	4.46	-2.19	0.03	13759.54	ppb
Selenium	78-2	4.67	5.76	5.79	5.40	11.76	ppb
Selenium	82-1	4.85	4.69	4.78	4.77	1.67	ppb
Silicon	28-1	6.75	4.71	6.71	6.06	19.24	ppb
Silver	109-1	1.32	1.34	1.31	1.32	1.26	ppb
Silver	107-1	1.27	1.32	1.30	1.29	2.17	ppb
Sodium	23-2	527.68	512.81	493.70	511.39	3.33	ppb
Strontium	86-1	0.87	0.97	0.77	0.87	11.37	ppb
Strontium	88-1	0.93	0.92	0.90	0.92	1.92	ppb
Sulfur	34-1	-636.61	-644.99	-690.58	-657.39		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.94	0.93	0.94	1.72	ppb
Thallium	205-1	0.98	0.97	0.98	0.98	0.59	ppb
Tin	118-1	4.80	4.70	4.75	4.75	1.02	ppb
Titanium	47-1	4.41	4.71	4.60	4.57	3.39	ppb
Uranium	238-1	0.86	0.88	0.88	0.87	1.48	ppb
Vanadium	51-2	4.55	4.45	4.53	4.51	1.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	2.51	2.27	2.02	2.27	10.89	ppb
Zirconium	90-1	0.91	0.94	0.93	0.93	1.53	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:57:45	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.94	0.79	0.87	9.14	ppb

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : PB101451BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 14:00:53 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.24	1.09	0.71	-0.81		ppb
Antimony	121-1	0.04	0.05	0.05	0.05	11.05	ppb
Arsenic	75-2	0.01	0.06	0.04	0.04	57.26	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.05	0.08	0.05	52.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	7.27	7.21	7.12	7.20	1.05	ppb
Boron	11-1	6.90	7.00	6.87	6.92	0.97	ppb
Cadmium	111-1	-0.11	-0.05	-0.03	-0.06		ppb
Cadmium	106-1	-1.62	-0.76	-0.59	-0.99		ppb
Cadmium	108-1	0.01	-0.02	-0.05	-0.02		ppb
Calcium	43-1	-6.84	-13.84	-4.09	-8.26		ppb
Calcium	44-1	8.30	4.14	10.34	7.60	41.58	ppb
Chromium	52-2	-0.12	0.08	-0.05	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.07	0.05	0.06	27.29	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				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.72	0.58	0.19	0.49	56.09	ppb
Iron	57-2	0.12	2.07	0.58	0.92	110.07	ppb
Lead	206-1	0.05	0.02	0.02	0.03	42.09	ppb
Lead	207-1	0.03	0.05	0.02	0.03	48.57	ppb
Lead	208-1	0.03	0.03	0.03	0.03	6.77	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.38	1.97	0.64	0.74	159.43	ppb
Manganese	55-2	0.08	0.04	0.11	0.08	48.17	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:00:53	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.03	0.02	43.44	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	11.97	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.02	35.57	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	33.95	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	21.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.27	-0.37	-0.32		ppb
Phosphorus	31-2	25.97	12.91	-15.75	7.71	276.74	ppb
Potassium	39-2	8.89	36.86	13.46	19.74	76.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-2.19	-2.19	1.14	-1.08		ppb
Selenium	78-2	-0.35	-0.33	0.21	-0.15		ppb
Selenium	82-1	-0.71	0.06	0.26	-0.13		ppb
Silicon	28-1	-3.89	-5.65	-5.38	-4.98		ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.54	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.04	ppb
Sodium	23-2	48.31	50.59	46.49	48.46	4.25	ppb
Strontium	86-1	0.00	-0.08	-0.06	-0.05		ppb
Strontium	88-1	-0.03	-0.02	-0.03	-0.03		ppb
Sulfur	34-1	-173.65	-611.85	-227.56	-337.69		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.03	0.03	20.44	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	27.06	ppb
Tin	118-1	0.04	0.02	0.01	0.02	55.57	ppb
Titanium	47-1	0.06	0.07	0.01	0.05	74.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	95.58	ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.05	0.06	-0.13	-0.04		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	20.88	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:00:53	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	31.10	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:07:11	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11381.38	11401.00	11290.23	11357.54	0.52	ppb
Antimony	121-1	13.83	14.36	14.03	14.07	1.89	ppb
Arsenic	75-2	80.19	81.86	80.93	80.99	1.03	ppb
Barium	135-1	354.58	353.91	360.41	356.30	1.00	ppb
Barium	137-1	358.73	358.67	367.42	361.61	1.39	ppb
Beryllium	9-1	0.97	1.17	0.95	1.03	11.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	29.27	33.27	30.23	30.92	6.76	ppb
Boron	11-1	32.29	31.81	31.06	31.72	1.96	ppb
Cadmium	111-1	67.25	68.24	69.83	68.44	1.90	ppb
Cadmium	106-1	58.67	62.02	61.45	60.72	2.95	ppb
Cadmium	108-1	67.90	67.25	67.45	67.53	0.50	ppb
Calcium	43-1	155746.76	157375.40	153797.69	155639.95	1.15	ppb
Calcium	44-1	155099.85	153501.27	155194.18	154598.43	0.62	ppb
Chromium	52-2	57.90	56.97	56.70	57.19	1.09	ppb
Cobalt	59-2	14.55	14.41	14.57	14.51	0.58	ppb
Copper	63-2	143.96	144.35	144.64	144.31	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	52216.68	52460.89	51766.49	52148.02	0.68	ppb
Iron	57-2	52456.37	52583.32	52333.51	52457.73	0.24	ppb
Lead	206-1	1911.01	1916.34	1894.00	1907.12	0.61	ppb
Lead	207-1	1797.15	1788.64	1755.70	1780.49	1.23	ppb
Lead	208-1	1861.15	1855.98	1826.92	1848.02	1.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	12755.56	12860.56	12777.75	12797.96	0.43	ppb
Manganese	55-2	834.39	837.73	824.46	832.19	0.83	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:07:11	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.86	8.71	8.75	8.77	0.90	ppb
Molybdenum	95-1	8.02	7.79	7.88	7.90	1.51	ppb
Molybdenum	96-1	8.38	8.30	8.20	8.30	1.08	ppb
Molybdenum	97-1	8.05	7.98	7.84	7.96	1.31	ppb
Molybdenum	98-1	8.06	7.76	7.99	7.94	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.05	68.31	66.19	66.85	1.89	ppb
Phosphorus	31-2	1045.16	1000.34	1210.37	1085.29	10.19	ppb
Potassium	39-2	1251.95	1213.25	1199.30	1221.50	2.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	44.29	28.86	56.96	43.37	32.45	ppb
Selenium	78-2	11.48	7.88	11.02	10.13	19.39	ppb
Selenium	82-1	3.57	2.79	3.57	3.31	13.66	ppb
Silicon	28-1	3412.39	3372.09	3412.47	3398.98	0.69	ppb
Silver	109-1	0.80	0.83	0.80	0.81	2.45	ppb
Silver	107-1	0.82	0.83	0.84	0.83	1.72	ppb
Sodium	23-2	1431.85	1431.06	1424.59	1429.17	0.28	ppb
Strontium	86-1	311.09	311.11	312.53	311.58	0.27	ppb
Strontium	88-1	318.13	316.24	315.79	316.72	0.39	ppb
Sulfur	34-1	439.54	334.94	592.34	455.61	28.41	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.31	0.30	0.25	0.29	9.49	ppb
Thallium	205-1	0.28	0.28	0.27	0.27	1.64	ppb
Tin	118-1	19.95	20.42	20.73	20.37	1.92	ppb
Titanium	47-1	190.16	193.25	190.95	191.46	0.84	ppb
Uranium	238-1	2.86	2.88	2.81	2.85	1.30	ppb
Vanadium	51-2	27.74	28.03	27.65	27.80	0.71	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	907.06	911.26	909.72	909.35	0.23	ppb
Zirconium	90-1	9.45	9.37	9.44	9.42	0.48	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:07:11	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	9.24	9.15	9.24	9.21	0.58	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:10:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10958.43	10985.61	10899.91	10947.99	0.40	ppb
Antimony	121-1	14.90	14.80	14.87	14.85	0.33	ppb
Arsenic	75-2	85.16	87.04	85.67	85.96	1.13	ppb
Barium	135-1	317.85	314.57	309.86	314.09	1.28	ppb
Barium	137-1	318.76	313.99	313.44	315.40	0.93	ppb
Beryllium	9-1	0.85	0.99	0.89	0.91	7.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	27.00	26.85	27.00	26.95	0.32	ppb
Boron	11-1	26.75	26.06	26.21	26.34	1.39	ppb
Cadmium	111-1	67.43	67.46	67.18	67.36	0.23	ppb
Cadmium	106-1	59.61	63.51	60.77	61.30	3.26	ppb
Cadmium	108-1	64.61	64.24	64.19	64.35	0.36	ppb
Calcium	43-1	149899.28	150928.85	147914.54	149580.89	1.02	ppb
Calcium	44-1	151239.83	150032.48	148933.26	150068.52	0.77	ppb
Chromium	52-2	54.27	54.71	53.58	54.19	1.05	ppb
Cobalt	59-2	15.00	14.94	14.62	14.85	1.37	ppb
Copper	63-2	160.50	161.18	158.14	159.94	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	52143.58	51895.72	51453.77	51831.02	0.67	ppb
Iron	57-2	51954.33	52388.84	51367.25	51903.47	0.99	ppb
Lead	206-1	1849.75	1832.54	1864.25	1848.84	0.86	ppb
Lead	207-1	1728.73	1709.60	1719.11	1719.14	0.56	ppb
Lead	208-1	1795.42	1781.67	1794.49	1790.53	0.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	12211.93	12365.39	12040.75	12206.02	1.33	ppb
Manganese	55-2	840.73	841.29	828.93	836.99	0.83	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:10:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.50	7.23	7.09	7.27	2.82	ppb
Molybdenum	95-1	8.12	7.79	7.97	7.96	2.05	ppb
Molybdenum	96-1	8.13	7.88	7.82	7.94	2.10	ppb
Molybdenum	97-1	8.18	8.14	7.81	8.04	2.50	ppb
Molybdenum	98-1	8.07	8.17	7.92	8.05	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.79	68.92	66.00	67.90	2.43	ppb
Phosphorus	31-2	1238.92	1203.59	1362.75	1268.42	6.59	ppb
Potassium	39-2	1171.79	1138.74	1147.77	1152.77	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	38.64	29.66	13.70	27.33	46.21	ppb
Selenium	78-2	9.04	4.39	7.56	7.00	33.91	ppb
Selenium	82-1	3.91	3.48	3.73	3.71	5.87	ppb
Silicon	28-1	2038.19	2020.62	1991.72	2016.85	1.16	ppb
Silver	109-1	0.72	0.71	0.70	0.71	1.26	ppb
Silver	107-1	0.75	0.74	0.74	0.74	0.63	ppb
Sodium	23-2	1312.17	1306.41	1265.33	1294.63	1.97	ppb
Strontium	86-1	300.22	294.59	292.12	295.64	1.40	ppb
Strontium	88-1	302.02	301.49	298.27	300.59	0.68	ppb
Sulfur	34-1	873.18	725.64	694.40	764.41	12.49	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.21	0.22	0.23	0.22	4.50	ppb
Thallium	205-1	0.24	0.24	0.22	0.23	5.74	ppb
Tin	118-1	20.67	20.23	20.04	20.31	1.58	ppb
Titanium	47-1	195.28	192.05	193.89	193.74	0.84	ppb
Uranium	238-1	2.76	2.73	2.75	2.74	0.52	ppb
Vanadium	51-2	27.28	27.91	27.48	27.56	1.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	910.63	909.94	894.56	905.04	1.00	ppb
Zirconium	90-1	7.20	7.06	6.80	7.02	2.85	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:10:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.29	7.31	6.97	7.19	2.64	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-14 14:13:22	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2252.04	2280.14	2247.18	2259.78	0.79	ppb
Antimony	121-1	2.61	2.67	2.81	2.70	3.75	ppb
Arsenic	75-2	15.97	16.91	16.13	16.34	3.06	ppb
Barium	135-1	70.26	70.20	70.72	70.39	0.40	ppb
Barium	137-1	70.45	70.70	71.13	70.76	0.49	ppb
Beryllium	9-1	0.19	0.22	0.19	0.20	8.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	9.43	10.04	9.58	9.68	3.27	ppb
Boron	11-1	9.43	9.95	9.95	9.77	3.07	ppb
Cadmium	111-1	13.56	13.53	13.74	13.61	0.81	ppb
Cadmium	106-1	12.22	10.48	11.93	11.54	8.07	ppb
Cadmium	108-1	14.38	12.17	12.71	13.09	8.78	ppb
Calcium	43-1	30002.61	30114.58	29955.31	30024.16	0.27	ppb
Calcium	44-1	30272.10	30094.86	30113.16	30160.04	0.32	ppb
Chromium	52-2	11.72	11.18	11.46	11.46	2.33	ppb
Cobalt	59-2	2.90	2.84	2.89	2.88	1.09	ppb
Copper	63-2	29.26	28.76	29.62	29.21	1.48	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				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	10427.42	10386.15	10496.64	10436.74	0.53	ppb
Iron	57-2	10461.57	10398.14	10610.91	10490.21	1.04	ppb
Lead	206-1	384.57	379.04	387.38	383.66	1.11	ppb
Lead	207-1	340.09	339.63	341.38	340.37	0.27	ppb
Lead	208-1	364.47	363.43	366.41	364.77	0.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	2531.65	2481.18	2527.38	2513.41	1.11	ppb
Manganese	55-2	168.00	165.96	167.21	167.06	0.62	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-14 14:13:22	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.72	1.78	1.72	1.74	1.87	ppb
Molybdenum	95-1	1.55	1.61	1.74	1.63	5.85	ppb
Molybdenum	96-1	1.65	1.71	1.71	1.69	1.77	ppb
Molybdenum	97-1	1.66	1.64	1.80	1.70	5.05	ppb
Molybdenum	98-1	1.62	1.64	1.66	1.64	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.66	13.11	12.88	12.88	1.76	ppb
Phosphorus	31-2	174.00	92.21	190.33	152.18	34.55	ppb
Potassium	39-2	238.49	235.78	225.74	233.34	2.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	7.44	4.23	7.73	6.47	30.00	ppb
Selenium	78-2	2.29	-0.92	1.85	1.07	162.36	ppb
Selenium	82-1	0.10	0.99	0.41	0.50	90.46	ppb
Silicon	28-1	677.90	676.66	664.09	672.88	1.14	ppb
Silver	109-1	0.17	0.16	0.18	0.17	4.28	ppb
Silver	107-1	0.18	0.18	0.17	0.18	5.39	ppb
Sodium	23-2	304.69	293.65	297.25	298.53	1.89	ppb
Strontium	86-1	63.39	64.40	63.97	63.92	0.79	ppb
Strontium	88-1	65.44	65.37	67.08	65.96	1.46	ppb
Sulfur	34-1	-367.42	-348.07	-318.31	-344.60		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.03	0.05	0.04	27.21	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	6.34	ppb
Tin	118-1	4.05	4.10	3.98	4.04	1.45	ppb
Titanium	47-1	37.97	37.25	38.35	37.86	1.48	ppb
Uranium	238-1	0.52	0.58	0.56	0.55	5.46	ppb
Vanadium	51-2	5.56	5.28	5.63	5.49	3.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	182.85	181.29	181.13	181.76	0.52	ppb
Zirconium	90-1	1.88	1.86	1.85	1.87	0.99	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-14 14:13:22	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.34	1.73	1.80	1.96	17.10	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:16:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11489.16	11745.59	12722.78	11985.84	5.43	ppb
Antimony	121-1	32.55	32.67	31.94	32.39	1.21	ppb
Arsenic	75-2	89.11	89.04	96.33	91.49	4.58	ppb
Barium	135-1	742.29	740.12	738.03	740.15	0.29	ppb
Barium	137-1	760.92	760.11	755.41	758.82	0.39	ppb
Beryllium	9-1	9.89	9.91	10.13	9.98	1.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	24.60	26.29	25.10	25.33	3.42	ppb
Boron	11-1	25.37	25.64	24.77	25.26	1.76	ppb
Cadmium	111-1	75.61	74.83	74.12	74.85	1.00	ppb
Cadmium	106-1	68.85	67.79	66.66	67.77	1.62	ppb
Cadmium	108-1	71.81	72.64	72.83	72.43	0.75	ppb
Calcium	43-1	145892.68	148844.21	147784.75	147507.21	1.01	ppb
Calcium	44-1	145432.62	147721.30	146268.42	146474.11	0.79	ppb
Chromium	52-2	93.17	93.12	102.31	96.20	5.50	ppb
Cobalt	59-2	110.88	111.66	121.47	114.67	5.14	ppb
Copper	63-2	207.24	207.39	226.09	213.57	5.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	52590.12	52307.18	57003.48	53966.93	4.88	ppb
Iron	57-2	52407.77	52695.49	57225.44	54109.57	4.99	ppb
Lead	206-1	1897.40	1891.99	1883.01	1890.80	0.38	ppb
Lead	207-1	1785.50	1783.68	1744.59	1771.26	1.30	ppb
Lead	208-1	1843.82	1825.48	1809.68	1826.32	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	12170.06	12281.57	13310.34	12587.32	4.99	ppb
Manganese	55-2	933.72	930.75	1020.09	961.52	5.28	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:16:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.39	9.18	9.19	9.26	1.26	ppb
Molybdenum	95-1	7.18	7.27	7.26	7.24	0.73	ppb
Molybdenum	96-1	7.79	7.97	7.91	7.89	1.12	ppb
Molybdenum	97-1	7.59	7.48	7.48	7.52	0.84	ppb
Molybdenum	98-1	7.26	7.40	7.44	7.37	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	164.35	165.05	180.21	169.87	5.28	ppb
Phosphorus	31-2	1303.70	1242.28	1469.68	1338.55	8.79	ppb
Potassium	39-2	1190.00	1164.17	1271.26	1208.48	4.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	48.28	41.85	59.90	50.01	18.29	ppb
Selenium	78-2	30.69	32.17	35.42	32.76	7.39	ppb
Selenium	82-1	21.65	21.39	22.16	21.73	1.82	ppb
Silicon	28-1	3251.49	3317.16	3237.30	3268.65	1.30	ppb
Silver	109-1	9.57	9.35	9.41	9.44	1.24	ppb
Silver	107-1	9.62	9.49	9.41	9.51	1.13	ppb
Sodium	23-2	1310.10	1330.99	1437.61	1359.57	5.03	ppb
Strontium	86-1	299.27	299.91	300.77	299.98	0.25	ppb
Strontium	88-1	306.68	305.33	303.56	305.19	0.51	ppb
Sulfur	34-1	452.16	648.23	614.78	571.72	18.35	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	9.69	9.42	9.50	9.54	1.43	ppb
Thallium	205-1	9.55	9.48	9.52	9.52	0.36	ppb
Tin	118-1	18.92	19.04	18.81	18.92	0.62	ppb
Titanium	47-1	193.76	197.21	197.11	196.02	1.00	ppb
Uranium	238-1	2.77	2.77	2.72	2.75	0.98	ppb
Vanadium	51-2	123.76	124.28	136.01	128.02	5.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	986.85	983.38	1069.65	1013.29	4.82	ppb
Zirconium	90-1	10.05	10.02	10.07	10.05	0.27	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:16:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	10.05	9.85	9.82	9.91	1.25	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:19:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	601.52	566.84	584.41	584.26	2.97	ppb
Antimony	121-1	0.73	0.72	0.72	0.72	0.86	ppb
Arsenic	75-2	3.76	4.07	4.20	4.01	5.58	ppb
Barium	135-1	18.05	17.76	17.98	17.93	0.86	ppb
Barium	137-1	17.93	18.07	18.62	18.21	2.01	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	20.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	5.12	6.36	4.99	5.49	13.74	ppb
Boron	11-1	5.80	5.06	4.97	5.28	8.60	ppb
Cadmium	111-1	3.39	3.68	3.43	3.50	4.45	ppb
Cadmium	106-1	2.04	3.27	1.63	2.31	36.91	ppb
Cadmium	108-1	3.10	3.31	3.32	3.24	3.87	ppb
Calcium	43-1	7613.79	7533.03	7564.47	7570.43	0.54	ppb
Calcium	44-1	7668.28	7694.03	7771.21	7711.18	0.69	ppb
Chromium	52-2	2.91	2.91	2.69	2.84	4.45	ppb
Cobalt	59-2	0.71	0.67	0.76	0.71	5.82	ppb
Copper	63-2	7.59	7.33	7.67	7.53	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2705.60	2644.46	2723.74	2691.27	1.54	ppb
Iron	57-2	2665.38	2609.35	2637.87	2637.53	1.06	ppb
Lead	206-1	93.57	92.67	92.63	92.96	0.57	ppb
Lead	207-1	86.11	86.43	85.95	86.16	0.28	ppb
Lead	208-1	89.96	89.27	89.28	89.50	0.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	638.62	617.59	653.63	636.61	2.84	ppb
Manganese	55-2	42.67	41.04	42.25	41.99	2.01	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:19:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.42	0.47	0.44	0.44	5.65	ppb
Molybdenum	95-1	0.39	0.41	0.40	0.40	2.19	ppb
Molybdenum	96-1	0.43	0.41	0.42	0.42	1.43	ppb
Molybdenum	97-1	0.45	0.46	0.50	0.47	6.01	ppb
Molybdenum	98-1	0.41	0.38	0.43	0.41	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.21	3.19	3.14	3.18	1.09	ppb
Phosphorus	31-2	166.28	37.97	66.31	90.19	74.74	ppb
Potassium	39-2	58.28	45.38	49.68	51.11	12.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-2.19	-2.19	-2.19	-2.19		ppb
Selenium	78-2	0.21	-0.92	-0.38	-0.36		ppb
Selenium	82-1	0.25	-0.15	-0.06	0.01	1510.77	ppb
Silicon	28-1	178.49	174.51	180.56	177.85	1.73	ppb
Silver	109-1	0.10	0.07	0.07	0.08	20.76	ppb
Silver	107-1	0.10	0.08	0.08	0.09	10.90	ppb
Sodium	23-2	82.93	82.17	84.96	83.35	1.73	ppb
Strontium	86-1	15.71	15.91	16.33	15.99	1.97	ppb
Strontium	88-1	16.40	16.15	16.34	16.30	0.80	ppb
Sulfur	34-1	-317.38	-592.04	-270.80	-393.41		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.01	0.01	46.25	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	15.73	ppb
Tin	118-1	1.02	0.97	1.08	1.03	5.41	ppb
Titanium	47-1	9.57	9.44	9.43	9.48	0.83	ppb
Uranium	238-1	0.15	0.15	0.16	0.15	4.83	ppb
Vanadium	51-2	1.39	1.37	1.34	1.37	1.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	46.35	45.74	47.17	46.42	1.55	ppb
Zirconium	90-1	0.47	0.48	0.46	0.47	1.80	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:19:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.49	0.48	0.50	2.89	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:22:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	576.89	538.97	514.43	543.43	5.79	ppb
Antimony	121-1	0.73	0.75	0.79	0.76	3.91	ppb
Arsenic	75-2	3.90	4.17	4.93	4.33	12.25	ppb
Barium	135-1	15.09	15.76	15.69	15.51	2.39	ppb
Barium	137-1	15.51	16.28	16.31	16.03	2.81	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	4.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	4.43	4.72	5.05	4.74	6.60	ppb
Boron	11-1	4.86	4.59	4.57	4.68	3.43	ppb
Cadmium	111-1	3.39	3.46	3.52	3.46	1.81	ppb
Cadmium	106-1	2.76	3.18	2.85	2.93	7.53	ppb
Cadmium	108-1	3.08	3.19	3.02	3.10	2.88	ppb
Calcium	43-1	7547.04	7561.56	7579.58	7562.73	0.22	ppb
Calcium	44-1	7697.26	7656.15	7849.03	7734.15	1.31	ppb
Chromium	52-2	2.82	2.71	2.73	2.75	2.09	ppb
Cobalt	59-2	0.79	0.75	0.74	0.76	3.74	ppb
Copper	63-2	8.32	8.38	8.21	8.30	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2745.23	2727.61	2711.03	2727.96	0.63	ppb
Iron	57-2	2672.30	2707.93	2647.67	2675.97	1.13	ppb
Lead	206-1	91.95	92.90	93.20	92.68	0.70	ppb
Lead	207-1	85.79	85.37	86.82	85.99	0.87	ppb
Lead	208-1	89.03	89.13	90.04	89.40	0.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	645.91	617.88	615.55	626.45	2.70	ppb
Manganese	55-2	43.44	43.18	42.62	43.08	0.97	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:22:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.38	0.42	0.37	0.39	5.84	ppb
Molybdenum	95-1	0.41	0.42	0.36	0.40	7.28	ppb
Molybdenum	96-1	0.42	0.37	0.37	0.39	6.87	ppb
Molybdenum	97-1	0.48	0.40	0.49	0.46	11.42	ppb
Molybdenum	98-1	0.40	0.42	0.44	0.42	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.26	3.18	3.20	3.21	1.30	ppb
Phosphorus	31-2	38.91	66.48	107.55	70.98	48.66	ppb
Potassium	39-2	58.34	41.92	52.03	50.77	16.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	1.06	1.05	1.08	1.06	1.75	ppb
Selenium	78-2	-0.38	1.79	-0.37	0.35	356.92	ppb
Selenium	82-1	0.67	0.94	-0.46	0.38	194.69	ppb
Silicon	28-1	115.41	117.52	117.07	116.67	0.95	ppb
Silver	109-1	0.06	0.07	0.08	0.07	18.11	ppb
Silver	107-1	0.08	0.08	0.08	0.08	4.32	ppb
Sodium	23-2	73.85	71.83	69.24	71.64	3.23	ppb
Strontium	86-1	15.68	15.79	15.75	15.74	0.33	ppb
Strontium	88-1	15.94	15.87	16.02	15.95	0.47	ppb
Sulfur	34-1	-310.41	-190.07	-5.80	-168.76		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.01	0.01	46.13	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.80	ppb
Tin	118-1	1.04	1.07	1.11	1.07	3.46	ppb
Titanium	47-1	9.88	9.85	10.02	9.92	0.90	ppb
Uranium	238-1	0.15	0.14	0.14	0.14	4.30	ppb
Vanadium	51-2	1.26	1.26	1.50	1.34	10.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	47.87	46.45	47.71	47.34	1.64	ppb
Zirconium	90-1	0.36	0.35	0.37	0.36	3.22	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:22:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.37	0.41	0.38	8.48	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-14 14:25:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	106.32	103.24	111.70	107.09	4.00	ppb
Antimony	121-1	0.15	0.15	0.13	0.15	7.85	ppb
Arsenic	75-2	0.78	0.90	0.91	0.87	8.35	ppb
Barium	135-1	3.40	3.37	3.38	3.38	0.47	ppb
Barium	137-1	3.37	3.47	3.51	3.45	2.11	ppb
Beryllium	9-1	0.03	0.05	0.03	0.03	34.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	2.68	2.75	2.77	2.73	1.77	ppb
Boron	11-1	3.32	2.69	2.83	2.95	11.14	ppb
Cadmium	111-1	0.58	0.65	0.64	0.62	5.93	ppb
Cadmium	106-1	-0.81	-0.40	0.00	-0.40		ppb
Cadmium	108-1	0.94	0.59	0.47	0.67	36.85	ppb
Calcium	43-1	1521.71	1469.73	1522.41	1504.61	2.01	ppb
Calcium	44-1	1515.54	1484.58	1517.89	1506.00	1.23	ppb
Chromium	52-2	0.74	0.56	0.55	0.61	17.37	ppb
Cobalt	59-2	0.14	0.16	0.18	0.16	10.45	ppb
Copper	63-2	1.59	1.48	1.53	1.53	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	522.02	505.07	512.42	513.17	1.66	ppb
Iron	57-2	546.84	508.38	506.47	520.56	4.38	ppb
Lead	206-1	18.49	18.46	18.57	18.51	0.29	ppb
Lead	207-1	17.02	16.80	16.97	16.93	0.69	ppb
Lead	208-1	17.76	17.75	17.79	17.77	0.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	117.51	126.39	134.47	126.12	6.73	ppb
Manganese	55-2	8.48	8.03	8.00	8.17	3.29	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-14 14:25:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.11	0.12	0.11	8.14	ppb
Molybdenum	95-1	0.08	0.07	0.10	0.08	19.12	ppb
Molybdenum	96-1	0.10	0.08	0.07	0.08	13.60	ppb
Molybdenum	97-1	0.12	0.08	0.11	0.11	20.24	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	6.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.29	0.30	0.32	15.02	ppb
Phosphorus	31-2	12.20	52.19	39.27	34.55	59.06	ppb
Potassium	39-2	-2.11	15.33	12.28	8.50	109.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	1.10	-2.19	-2.19	-1.09		ppb
Selenium	78-2	-0.36	-0.36	-0.35	-0.35		ppb
Selenium	82-1	-0.14	0.46	0.16	0.16	187.87	ppb
Silicon	28-1	34.14	31.51	35.31	33.65	5.78	ppb
Silver	109-1	0.03	0.03	0.04	0.03	15.08	ppb
Silver	107-1	0.05	0.02	0.04	0.04	34.32	ppb
Sodium	23-2	29.61	23.88	21.98	25.16	15.81	ppb
Strontium	86-1	3.11	3.11	3.24	3.16	2.36	ppb
Strontium	88-1	3.21	3.17	3.25	3.21	1.34	ppb
Sulfur	34-1	-68.60	-188.88	-116.82	-124.77		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	21.46	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	47.16	ppb
Tin	118-1	0.18	0.23	0.22	0.21	11.95	ppb
Titanium	47-1	1.79	1.86	1.82	1.82	1.92	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	18.95	ppb
Vanadium	51-2	0.27	0.21	0.32	0.27	20.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9.61	9.28	9.53	9.48	1.81	ppb
Zirconium	90-1	0.09	0.11	0.10	0.10	10.15	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-14 14:25:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.11	0.09	13.10	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:28:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	570.06	572.87	616.03	586.32	4.40	ppb
Antimony	121-1	1.67	1.58	1.65	1.63	2.88	ppb
Arsenic	75-2	4.31	4.44	4.82	4.53	5.84	ppb
Barium	135-1	36.57	36.10	37.86	36.85	2.47	ppb
Barium	137-1	36.95	36.50	36.78	36.74	0.62	ppb
Beryllium	9-1	0.51	0.42	0.57	0.50	14.67	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	3.78	3.66	4.02	3.82	4.77	ppb
Boron	11-1	3.59	3.38	3.54	3.50	3.13	ppb
Cadmium	111-1	3.67	3.94	3.68	3.76	3.99	ppb
Cadmium	106-1	2.55	3.71	2.65	2.97	21.57	ppb
Cadmium	108-1	3.81	3.48	3.26	3.52	7.89	ppb
Calcium	43-1	7200.17	7235.81	7219.93	7218.64	0.25	ppb
Calcium	44-1	7466.18	7375.17	7495.49	7445.61	0.84	ppb
Chromium	52-2	4.84	4.65	4.56	4.68	3.08	ppb
Cobalt	59-2	5.40	5.30	5.34	5.35	0.97	ppb
Copper	63-2	10.33	10.14	10.37	10.28	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2606.57	2580.94	2642.89	2610.14	1.19	ppb
Iron	57-2	2527.27	2508.37	2586.19	2540.61	1.60	ppb
Lead	206-1	92.40	91.55	92.43	92.13	0.54	ppb
Lead	207-1	85.44	84.58	85.26	85.09	0.53	ppb
Lead	208-1	89.03	88.21	89.35	88.86	0.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	599.73	578.24	618.42	598.80	3.36	ppb
Manganese	55-2	45.92	45.22	48.07	46.41	3.20	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:28:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.46	0.48	0.44	0.46	4.12	ppb
Molybdenum	95-1	0.33	0.36	0.36	0.35	4.17	ppb
Molybdenum	96-1	0.38	0.35	0.46	0.40	13.84	ppb
Molybdenum	97-1	0.40	0.39	0.37	0.39	4.55	ppb
Molybdenum	98-1	0.42	0.37	0.40	0.39	5.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.70	7.50	8.03	7.75	3.45	ppb
Phosphorus	31-2	52.02	51.77	94.98	66.25	37.54	ppb
Potassium	39-2	47.52	65.52	65.81	59.62	17.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-2.19	1.10	7.67	2.19	228.89	ppb
Selenium	78-2	-0.36	4.04	0.74	1.47	155.81	ppb
Selenium	82-1	0.46	1.74	1.38	1.19	55.65	ppb
Silicon	28-1	180.74	168.12	175.09	174.65	3.62	ppb
Silver	109-1	0.47	0.52	0.52	0.50	6.06	ppb
Silver	107-1	0.51	0.46	0.50	0.49	5.49	ppb
Sodium	23-2	65.72	71.45	69.33	68.83	4.21	ppb
Strontium	86-1	15.31	15.70	15.17	15.39	1.77	ppb
Strontium	88-1	15.73	15.59	15.70	15.67	0.48	ppb
Sulfur	34-1	39.12	-88.38	75.87	8.87	971.85	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.50	0.51	0.45	0.49	6.25	ppb
Thallium	205-1	0.47	0.46	0.48	0.47	2.08	ppb
Tin	118-1	0.98	0.93	0.94	0.95	2.61	ppb
Titanium	47-1	9.74	10.07	10.00	9.94	1.76	ppb
Uranium	238-1	0.14	0.13	0.14	0.14	5.42	ppb
Vanadium	51-2	5.87	5.97	5.96	5.94	0.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	48.51	48.06	50.32	48.96	2.44	ppb
Zirconium	90-1	0.49	0.52	0.48	0.49	3.97	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:28:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.50	0.49	0.50	0.90	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:32:06	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.70	38.28	28.31	34.76	16.09	ppb
Antimony	121-1	3.78	3.76	4.00	3.85	3.37	ppb
Arsenic	75-2	2.01	1.75	2.07	1.94	8.78	ppb
Barium	135-1	18.81	18.44	19.41	18.89	2.60	ppb
Barium	137-1	19.05	19.21	19.42	19.23	0.97	ppb
Beryllium	9-1	1.83	1.85	1.96	1.88	3.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	44.10	45.13	44.68	44.64	1.16	ppb
Boron	11-1	45.27	45.41	44.98	45.22	0.48	ppb
Cadmium	111-1	1.88	1.90	2.05	1.95	4.74	ppb
Cadmium	106-1	0.73	1.20	1.47	1.13	33.31	ppb
Cadmium	108-1	1.97	1.70	1.75	1.81	7.95	ppb
Calcium	43-1	867.03	893.77	908.79	889.86	2.38	ppb
Calcium	44-1	905.24	875.44	898.00	892.89	1.74	ppb
Chromium	52-2	4.24	3.79	4.61	4.22	9.75	ppb
Cobalt	59-2	1.88	1.96	2.20	2.02	8.20	ppb
Copper	63-2	3.78	4.03	4.44	4.08	8.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	388.39	381.85	429.87	400.04	6.51	ppb
Iron	57-2	393.00	377.61	435.24	401.95	7.42	ppb
Lead	206-1	1.92	1.99	1.97	1.96	1.99	ppb
Lead	207-1	1.97	1.94	1.90	1.94	1.69	ppb
Lead	208-1	1.95	1.99	1.94	1.96	1.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	942.38	909.71	1004.59	952.23	5.06	ppb
Manganese	55-2	2.00	1.82	2.17	2.00	8.90	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:32:06	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.94	4.03	3.98	3.98	1.22	ppb
Molybdenum	95-1	8.78	8.70	9.17	8.88	2.85	ppb
Molybdenum	96-1	7.73	7.84	7.79	7.79	0.67	ppb
Molybdenum	97-1	9.20	9.05	9.14	9.13	0.84	ppb
Molybdenum	98-1	9.19	8.85	8.92	8.99	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.77	1.80	1.82	1.80	1.46	ppb
Phosphorus	31-2	-15.75	-2.06	14.53	-1.09		ppb
Potassium	39-2	953.10	940.03	1083.18	992.10	7.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	-2.19	11.31	23.21	10.78	117.92	ppb
Selenium	78-2	14.56	9.25	13.09	12.30	22.26	ppb
Selenium	82-1	9.80	9.88	9.90	9.86	0.57	ppb
Silicon	28-1	14.67	11.65	14.69	13.67	12.77	ppb
Silver	109-1	1.96	1.99	2.01	1.99	1.31	ppb
Silver	107-1	1.97	2.01	2.02	2.00	1.40	ppb
Sodium	23-2	942.56	921.70	1025.79	963.35	5.72	ppb
Strontium	86-1	1.82	1.81	1.90	1.84	2.73	ppb
Strontium	88-1	1.86	1.86	1.89	1.87	0.82	ppb
Sulfur	34-1	103.28	-492.29	-95.83	-161.61		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	1.85	1.77	1.82	1.82	2.21	ppb
Thallium	205-1	1.84	1.83	1.90	1.86	1.89	ppb
Tin	118-1	9.67	9.42	9.72	9.61	1.68	ppb
Titanium	47-1	9.05	8.89	9.14	9.03	1.40	ppb
Uranium	238-1	1.75	1.70	1.72	1.72	1.58	ppb
Vanadium	51-2	9.34	9.32	10.84	9.83	8.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	3.77	4.01	4.07	3.95	3.99	ppb
Zirconium	90-1	1.79	1.80	1.76	1.78	1.08	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:32:06	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.85	1.76	1.69	1.77	4.72	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P8
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:40:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51165.58	50916.22	50005.18	50695.66	1.20	ppb
Antimony	121-1	518.73	517.18	525.40	520.44	0.84	ppb
Arsenic	75-2	492.23	499.29	497.38	496.30	0.74	ppb
Barium	135-1	2569.68	2572.39	2632.62	2591.56	1.37	ppb
Barium	137-1	2551.20	2579.66	2634.79	2588.55	1.64	ppb
Beryllium	9-1	501.15	506.93	504.53	504.20	0.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	508.73	516.37	532.94	519.35	2.38	ppb
Boron	11-1	513.26	521.87	530.17	521.76	1.62	ppb
Cadmium	111-1	491.71	497.91	504.12	497.91	1.25	ppb
Cadmium	106-1	498.93	509.88	513.74	507.52	1.51	ppb
Cadmium	108-1	501.59	501.43	515.22	506.08	1.56	ppb
Calcium	43-1	244444.76	244964.80	245561.20	244990.25	0.23	ppb
Calcium	44-1	247083.77	246811.50	244698.98	246198.08	0.53	ppb
Chromium	52-2	502.48	497.26	503.28	501.01	0.65	ppb
Cobalt	59-2	484.21	481.96	481.69	482.62	0.29	ppb
Copper	63-2	995.38	973.59	973.56	980.84	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	122950.00	122866.65	122697.84	122838.16	0.10	ppb
Iron	57-2	126711.68	126863.79	126964.17	126846.55	0.10	ppb
Lead	206-1	532.13	527.27	514.05	524.48	1.78	ppb
Lead	207-1	522.20	522.29	518.00	520.83	0.47	ppb
Lead	208-1	523.52	520.12	516.93	520.19	0.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	252639.05	250191.61	249326.11	250718.92	0.69	ppb
Manganese	55-2	1012.17	1011.74	1006.56	1010.16	0.31	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P8
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:40:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.84	517.19	511.65	514.56	0.54	ppb
Molybdenum	95-1	512.52	513.61	508.44	511.53	0.53	ppb
Molybdenum	96-1	512.61	526.48	511.16	516.75	1.64	ppb
Molybdenum	97-1	497.64	499.07	499.29	498.67	0.18	ppb
Molybdenum	98-1	509.67	517.82	518.02	515.17	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.28	486.70	488.02	488.67	0.48	ppb
Phosphorus	31-2	10393.92	10127.15	10003.75	10174.94	1.96	ppb
Potassium	39-2	128183.08	126795.36	127069.52	127349.32	0.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	521.43	448.75	436.73	468.97	9.77	ppb
Selenium	78-2	538.36	535.32	514.07	529.25	2.50	ppb
Selenium	82-1	499.34	507.07	502.19	502.87	0.78	ppb
Silicon	28-1	508.39	499.15	507.33	504.96	1.00	ppb
Silver	109-1	508.74	509.40	517.33	511.82	0.93	ppb
Silver	107-1	509.49	511.39	513.77	511.55	0.42	ppb
Sodium	23-2	250677.65	248173.41	246492.83	248447.96	0.85	ppb
Strontium	86-1	513.66	513.86	516.19	514.57	0.27	ppb
Strontium	88-1	519.14	524.43	519.96	521.18	0.55	ppb
Sulfur	34-1	11139.76	11152.89	11258.23	11183.63	0.58	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	529.45	517.53	523.15	523.38	1.14	ppb
Thallium	205-1	526.25	508.30	515.71	516.76	1.75	ppb
Tin	118-1	515.95	520.58	536.95	524.49	2.10	ppb
Titanium	47-1	505.35	503.65	500.48	503.16	0.49	ppb
Uranium	238-1	521.32	523.60	515.68	520.20	0.78	ppb
Vanadium	51-2	509.76	505.42	503.75	506.31	0.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1005.62	999.24	1002.35	1002.40	0.32	ppb
Zirconium	90-1	503.74	510.95	510.65	508.44	0.80	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P8
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:40:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.24	510.80	515.86	512.97	0.51	ppb

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : CCB097 Instrumnet Name : P8
 Client Sample ID : CCB097 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 14:43:49 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.17	-0.26	-0.22	-1.22		ppb
Antimony	121-1	0.39	0.35	0.31	0.35	10.94	ppb
Arsenic	75-2	0.04	0.12	0.07	0.08	54.43	ppb
Barium	135-1	-0.01	-0.02	0.02	0.00		ppb
Barium	137-1	0.00	0.02	0.02	0.01	120.82	ppb
Beryllium	9-1	0.18	0.16	0.18	0.17	7.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	19.84	18.81	17.27	18.64	6.93	ppb
Boron	11-1	20.54	17.53	16.60	18.23	11.31	ppb
Cadmium	111-1	-0.03	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-1.29	-1.02	-1.21	-1.17		ppb
Cadmium	108-1	-0.05	-0.09	-0.05	-0.06		ppb
Calcium	43-1	-18.26	-17.66	-4.91	-13.61		ppb
Calcium	44-1	22.80	14.89	11.02	16.24	36.97	ppb
Chromium	52-2	0.04	0.07	-0.06	0.02	412.43	ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.06	0.07	0.04	0.06	28.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1.43	1.20	1.09	1.24	14.11	ppb
Iron	57-2	2.00	1.48	1.52	1.66	17.46	ppb
Lead	206-1	0.14	0.13	0.12	0.13	7.94	ppb
Lead	207-1	0.14	0.12	0.11	0.12	13.34	ppb
Lead	208-1	0.15	0.12	0.12	0.13	12.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	-1.98	-1.57	-2.14	-1.90		ppb
Manganese	55-2	0.06	0.04	0.05	0.05	14.10	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P8
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:43:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.07	0.06	26.85	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.06	21.89	ppb
Molybdenum	96-1	0.07	0.03	0.05	0.05	37.75	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.07	8.60	ppb
Molybdenum	98-1	0.07	0.06	0.04	0.06	22.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.34	-0.41	-0.35	-0.37		ppb
Phosphorus	31-2	-15.75	11.33	11.58	2.39	657.44	ppb
Potassium	39-2	51.00	42.59	13.88	35.82	54.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	-2.19	-2.19	-2.19	-2.19		ppb
Selenium	78-2	-0.35	-0.90	0.73	-0.17		ppb
Selenium	82-1	0.71	0.25	0.31	0.42	59.27	ppb
Silicon	28-1	2.44	-2.93	-5.81	-2.10		ppb
Silver	109-1	0.05	0.03	0.05	0.04	16.99	ppb
Silver	107-1	0.04	0.05	0.04	0.04	14.63	ppb
Sodium	23-2	121.02	99.11	102.91	107.68	10.87	ppb
Strontium	86-1	0.06	-0.05	-0.06	-0.02		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	183.53	-339.72	-413.14	-189.78		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.15	0.11	0.13	17.12	ppb
Thallium	205-1	0.14	0.14	0.10	0.13	18.04	ppb
Tin	118-1	0.16	0.13	0.14	0.14	12.27	ppb
Titanium	47-1	0.01	-0.02	0.03	0.01	276.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.39	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	-0.02	0.17	0.07	0.08	129.08	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	11.92	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P8
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:43:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.05	0.05	22.09	ppb

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:09:02	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	75	44	60.28	cps
Antimony	121-1	25	33	58	39	44.62	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	67	33	83	61	41.67	cps
Barium	137-1	75	100	75	83	17.33	cps
Beryllium	9-1	117	78	100	98	19.88	cps
Bismuth	209-1	3862122	3866652	3925018	3884598	0.90	cps
Bismuth	209-2	1506300	1507646	1505207	1506385	0.08	cps
Boron	10-1	350	308	267	308	13.51	cps
Boron	11-1	1400	1400	1300	1367	4.22	cps
Cadmium	111-1	1187	993	1092	1091	8.88	cps
Cadmium	106-1	1692	1425	1567	1561	8.55	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	2825	2200	2825	2617	13.79	cps
Calcium	44-1	45166	45667	44839	45224	0.92	cps
Chromium	52-2	927	943	877	916	3.79	cps
Cobalt	59-2	83	57	53	64	25.52	cps
Copper	63-2	283	293	307	294	3.98	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	100	75	92	89	14.33	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	6475782	6444256	6503748	6474595	0.46	cps
Holmium	165-2	1990768	2006435	1997845	1998349	0.39	cps
Indium	115-1	5992417	5930580	6055857	5992951	1.05	cps
Indium	115-2	362010	363143	359050	361401	0.58	cps
Iron	56-2	2756	3012	2684	2817	6.11	cps
Iron	57-2	78	72	50	67	22.05	cps
Lead	206-1	472	439	367	426	12.67	cps
Lead	207-1	461	411	361	411	12.16	cps
Lead	208-1	1961	1717	1706	1795	8.05	cps
Lithium	6-1	1097497	1105684	1110695	1104625	0.60	cps
Magnesium	24-2	275	267	283	275	3.03	cps
Manganese	55-2	90	70	80	80	12.50	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:09:02	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	142	100	136	24.74	cps
Molybdenum	95-1	8	17	42	22	78.07	cps
Molybdenum	96-1	67	117	108	97	27.55	cps
Molybdenum	97-1	42	33	50	42	20.00	cps
Molybdenum	98-1	25	58	33	39	44.62	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	493	473	503	7.16	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	3792	3801	3817	3803	0.33	cps
Rhodium	103-1	5852805	5848940	5823695	5841813	0.27	cps
Rhodium	103-2	1943060	1919603	1950275	1937646	0.83	cps
Scandium	45-1	3941519	3900657	3928794	3923657	0.53	cps
Scandium	45-2	40562	40401	41224	40729	1.07	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	34	-19	-110	-32	-229.63	cps
Silicon	28-1	398589	400237	399755	399527	0.21	cps
Silver	109-1	67	50	58	58	14.29	cps
Silver	107-1	58	50	75	61	20.83	cps
Sodium	23-2	5210	6043	5693	5649	7.41	cps
Strontium	86-1	900	992	992	961	5.51	cps
Strontium	88-1	1150	1133	1025	1103	6.16	cps
Sulfur	34-1	384452	380595	383086	382711	0.51	cps
Terbium	159-1	6824780	6833684	6792779	6817081	0.32	cps
Terbium	159-2	1960478	1943658	1934465	1946200	0.68	cps
Thallium	203-1	50	108	50	69	48.50	cps
Thallium	205-1	225	158	158	181	21.32	cps
Tin	118-1	750	942	917	870	11.98	cps
Titanium	47-1	100	158	150	136	23.18	cps
Uranium	238-1	17	50	58	42	52.91	cps
Vanadium	51-2	23	23	20	22	8.65	cps
Yttrium	89-1	6473644	6495469	6584044	6517719	0.90	cps
Yttrium	89-2	269087	268468	268982	268846	0.12	cps
Zinc	66-2	63	87	83	78	16.23	cps
Zirconium	90-1	325	350	458	378	18.76	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:09:02	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	100	75	92	15.75	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:15:58	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	225	133	156	39.49	cps
Antimony	121-1	15752	16002	15727	15827	0.96	cps
Arsenic	75-2	141	135	137	138	2.05	cps
Barium	135-1	15785	15493	14967	15415	2.69	cps
Barium	137-1	27864	27663	27187	27571	1.26	cps
Beryllium	9-1	1383	1489	1350	1408	5.15	cps
Bismuth	209-1	3833516	3786676	3733649	3784614	1.32	cps
Bismuth	209-2	1472312	1446900	1492910	1470707	1.57	cps
Boron	10-1	4309	3734	4276	4106	7.86	cps
Boron	11-1	18112	18471	18880	18488	2.08	cps
Cadmium	111-1	2917	3038	2769	2908	4.64	cps
Cadmium	106-1	1684	1792	1700	1725	3.38	cps
Cadmium	108-1	142	125	150	139	9.17	cps
Calcium	43-1	12248	12681	11814	12248	3.54	cps
Calcium	44-1	206674	211961	204232	207622	1.90	cps
Chromium	52-2	3240	2997	3270	3169	4.73	cps
Cobalt	59-2	2330	2237	2254	2274	2.19	cps
Copper	63-2	4584	4391	4571	4515	2.39	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	6439493	6498118	6219897	6385836	2.30	cps
Holmium	165-2	1942612	1905405	1957418	1935145	1.38	cps
Indium	115-1	5971502	5958108	5755189	5894933	2.06	cps
Indium	115-2	358752	353252	361770	357925	1.21	cps
Iron	56-2	37595	37512	38247	37785	1.07	cps
Iron	57-2	861	911	895	889	2.86	cps
Lead	206-1	5312	5323	4957	5198	4.01	cps
Lead	207-1	4784	4729	4657	4723	1.36	cps
Lead	208-1	22047	21252	20668	21323	3.25	cps
Lithium	6-1	1106304	1103459	1059976	1089913	2.38	cps
Magnesium	24-2	18596	18371	18897	18621	1.42	cps
Manganese	55-2	413	417	353	394	9.04	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:15:58	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14066	14567	14525	14386	1.93	cps
Molybdenum	95-1	17671	18004	17162	17612	2.41	cps
Molybdenum	96-1	19582	19698	18755	19345	2.66	cps
Molybdenum	97-1	11080	10755	11355	11063	2.72	cps
Molybdenum	98-1	28740	27262	27662	27888	2.74	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1157	1113	1030	1100	5.85	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	15184	14758	15351	15098	2.02	cps
Rhodium	103-1	5796887	5794012	5646682	5745860	1.50	cps
Rhodium	103-2	1891168	1859498	1886968	1879211	0.92	cps
Scandium	45-1	3965343	3910162	3858691	3911399	1.36	cps
Scandium	45-2	39686	39643	40050	39793	0.56	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	4	15	15	11	57.75	cps
Selenium	82-1	506	548	634	563	11.53	cps
Silicon	28-1	442051	437339	435841	438410	0.74	cps
Silver	109-1	11122	11547	11664	11444	2.49	cps
Silver	107-1	11647	12289	11130	11689	4.97	cps
Sodium	23-2	49930	50624	51311	50622	1.36	cps
Strontium	86-1	3284	3242	2842	3123	7.81	cps
Strontium	88-1	21284	21902	21284	21490	1.66	cps
Sulfur	34-1	385092	383659	384806	384519	0.20	cps
Terbium	159-1	6857544	6736097	6611333	6734991	1.83	cps
Terbium	159-2	1894053	1859499	1887114	1880222	0.97	cps
Thallium	203-1	5376	5201	5151	5243	2.25	cps
Thallium	205-1	12757	12916	12040	12571	3.71	cps
Tin	118-1	28657	28657	27178	28164	3.03	cps
Titanium	47-1	5351	5318	5051	5240	3.14	cps
Uranium	238-1	15252	15561	14985	15266	1.89	cps
Vanadium	51-2	3901	3771	3917	3863	2.08	cps
Yttrium	89-1	6547583	6495867	6390709	6478053	1.23	cps
Yttrium	89-2	266799	262347	268948	266031	1.27	cps
Zinc	66-2	413	423	497	444	10.24	cps
Zirconium	90-1	12123	12306	12523	12317	1.63	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:15:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2725	2984	2875	2862	4.53	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:19:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8470	7886	8003	8119	3.80	cps
Antimony	121-1	444164	440169	443083	442472	0.47	cps
Arsenic	75-2	7189	7415	6950	7185	3.24	cps
Barium	135-1	455492	453095	451501	453363	0.44	cps
Barium	137-1	788880	785057	775167	783035	0.90	cps
Beryllium	9-1	73822	74280	73588	73897	0.48	cps
Bismuth	209-1	3831485	3743956	3810472	3795304	1.20	cps
Bismuth	209-2	1513274	1514068	1524840	1517394	0.43	cps
Boron	10-1	8503	9062	8661	8742	3.29	cps
Boron	11-1	40157	40433	40408	40333	0.38	cps
Cadmium	111-1	100665	101983	99509	100719	1.23	cps
Cadmium	106-1	12022	11597	12198	11939	2.59	cps
Cadmium	108-1	7394	7406	7235	7345	1.30	cps
Calcium	43-1	112558	115581	113640	113926	1.34	cps
Calcium	44-1	1866072	1907528	1883458	1885686	1.10	cps
Chromium	52-2	59881	60028	60119	60009	0.20	cps
Cobalt	59-2	124742	123161	123929	123944	0.64	cps
Copper	63-2	211782	211673	213960	212472	0.61	cps
Dysprosium	156-1	25	0	50	25	100.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	50	31	68.64	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	67	83	108	86	24.35	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	6529998	6105001	6342227	6325742	3.37	cps
Holmium	165-2	1951789	1971329	1979281	1967466	0.72	cps
Indium	115-1	6006845	5639373	5844150	5830123	3.16	cps
Indium	115-2	362935	366210	364778	364641	0.45	cps
Iron	56-2	2049364	2056496	2035851	2047237	0.51	cps
Iron	57-2	51791	49957	50564	50771	1.84	cps
Lead	206-1	233879	234108	231430	233139	0.64	cps
Lead	207-1	207744	210146	207729	208540	0.67	cps
Lead	208-1	937046	952248	936240	941845	0.96	cps
Lithium	6-1	1109189	1038254	1070947	1072797	3.31	cps
Magnesium	24-2	206360	206621	204803	205928	0.48	cps
Manganese	55-2	33427	33778	33273	33493	0.77	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:19:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	372704	373490	367165	371119	0.93	cps
Molybdenum	95-1	198888	203488	197196	199857	1.63	cps
Molybdenum	96-1	254082	257410	255769	255753	0.65	cps
Molybdenum	97-1	125527	126250	123105	124961	1.32	cps
Molybdenum	98-1	319851	325449	319287	321529	1.06	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	36374	37083	36658	36705	0.97	cps
Phosphorus	31-2	675	692	750	706	5.58	cps
Potassium	39-2	69103	68115	70293	69170	1.58	cps
Rhodium	103-1	5887453	5466988	5722571	5692337	3.72	cps
Rhodium	103-2	1906646	1873996	1921546	1900729	1.28	cps
Scandium	45-1	3967351	3714139	3834497	3838663	3.30	cps
Scandium	45-2	40445	41374	40692	40837	1.18	cps
Selenium	77-2	60	43	57	53	16.54	cps
Selenium	78-2	206	172	167	181	11.59	cps
Selenium	82-1	6452	6335	6175	6320	2.20	cps
Silicon	28-1	1040130	678955	664785	794624	26.77	cps
Silver	109-1	477364	477949	470714	475342	0.85	cps
Silver	107-1	501386	501548	501521	501485	0.02	cps
Sodium	23-2	503446	509791	500774	504670	0.92	cps
Strontium	86-1	128795	130864	130132	129930	0.81	cps
Strontium	88-1	1117222	1123519	1112126	1117622	0.51	cps
Sulfur	34-1	420584	419811	422066	420820	0.27	cps
Terbium	159-1	6882261	6430325	6789831	6700805	3.56	cps
Terbium	159-2	1922175	1935525	1931021	1929574	0.35	cps
Thallium	203-1	286761	288916	285151	286943	0.66	cps
Thallium	205-1	685241	685359	676679	682426	0.73	cps
Tin	118-1	311785	313731	310677	312064	0.50	cps
Titanium	47-1	58171	58598	57863	58211	0.63	cps
Uranium	238-1	860660	865061	858098	861273	0.41	cps
Vanadium	51-2	42852	43514	44049	43472	1.38	cps
Yttrium	89-1	6573294	6178676	6472586	6408185	3.20	cps
Yttrium	89-2	270487	272763	271525	271592	0.42	cps
Zinc	66-2	19661	19935	19607	19734	0.89	cps
Zirconium	90-1	708513	713682	707763	709986	0.45	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:19:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	156407	157579	156363	156783	0.44	cps

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:22:56 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20774	20081	19773	20209	2.54	cps
Antimony	121-1	1123187	1123376	1129095	1125219	0.30	cps
Arsenic	75-2	17550	17808	17660	17672	0.73	cps
Barium	135-1	1140374	1132182	1150496	1141017	0.80	cps
Barium	137-1	1955173	1971599	1964545	1963772	0.42	cps
Beryllium	9-1	185220	184686	184602	184836	0.18	cps
Bismuth	209-1	3878114	3950545	3909000	3912553	0.93	cps
Bismuth	209-2	1520681	1506978	1517504	1515054	0.47	cps
Boron	10-1	21141	21851	22160	21717	2.40	cps
Boron	11-1	97673	98940	99166	98593	0.82	cps
Cadmium	111-1	251347	249488	252038	250958	0.53	cps
Cadmium	106-1	27471	27220	27671	27454	0.82	cps
Cadmium	108-1	17612	17829	17946	17795	0.95	cps
Calcium	43-1	275500	276287	279192	276993	0.70	cps
Calcium	44-1	4518326	4580818	4600108	4566417	0.94	cps
Chromium	52-2	148036	146036	148108	147393	0.80	cps
Cobalt	59-2	307045	304692	308044	306594	0.56	cps
Copper	63-2	523697	522399	528767	524955	0.64	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	6575058	6549021	6587883	6570654	0.30	cps
Holmium	165-2	1969523	1944549	1977296	1963789	0.87	cps
Indium	115-1	5976147	5963039	5953267	5964151	0.19	cps
Indium	115-2	360188	358636	361499	360108	0.40	cps
Iron	56-2	4948720	4926744	5003053	4959505	0.79	cps
Iron	57-2	125847	125095	124528	125157	0.53	cps
Lead	206-1	583545	585217	589761	586174	0.55	cps
Lead	207-1	531265	531486	534531	532427	0.34	cps
Lead	208-1	2388611	2396814	2398918	2394781	0.23	cps
Lithium	6-1	1105429	1111635	1111438	1109501	0.32	cps
Magnesium	24-2	515585	509539	510451	511858	0.64	cps
Manganese	55-2	83618	82770	84409	83599	0.98	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:22:56	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	926461	924454	936803	929239	0.71	cps
Molybdenum	95-1	496913	493480	510068	500154	1.75	cps
Molybdenum	96-1	636324	641067	650024	642472	1.08	cps
Molybdenum	97-1	306128	308581	313109	309273	1.15	cps
Molybdenum	98-1	801663	800197	802665	801508	0.15	cps
Neodymium	150-1	33	33	33	33	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	91847	89082	91632	90854	1.69	cps
Phosphorus	31-2	1709	1583	1342	1545	12.07	cps
Potassium	39-2	162290	161540	162038	161956	0.24	cps
Rhodium	103-1	5789409	5813674	5751356	5784813	0.54	cps
Rhodium	103-2	1862746	1888614	1908213	1886524	1.21	cps
Scandium	45-1	3985208	3919175	3911611	3938665	1.03	cps
Scandium	45-2	40920	40943	40703	40855	0.32	cps
Selenium	77-2	140	100	147	129	19.58	cps
Selenium	78-2	456	419	465	446	5.49	cps
Selenium	82-1	15964	16038	16276	16093	1.01	cps
Silicon	28-1	1009882	1032860	1032326	1025023	1.28	cps
Silver	109-1	1194398	1197112	1189358	1193623	0.33	cps
Silver	107-1	1249819	1261421	1259424	1256888	0.49	cps
Sodium	23-2	1274604	1258990	1268165	1267253	0.62	cps
Strontium	86-1	321704	322885	324790	323126	0.48	cps
Strontium	88-1	2824764	2844904	2857824	2842497	0.59	cps
Sulfur	34-1	477156	474997	470903	474352	0.67	cps
Terbium	159-1	6855175	6884596	6981991	6907254	0.96	cps
Terbium	159-2	1929199	1927384	1923144	1926576	0.16	cps
Thallium	203-1	726160	734852	734112	731708	0.66	cps
Thallium	205-1	1706854	1766312	1750477	1741214	1.77	cps
Tin	118-1	788687	789178	787622	788496	0.10	cps
Titanium	47-1	145179	145549	146915	145881	0.63	cps
Uranium	238-1	2231331	2233195	2241233	2235253	0.24	cps
Vanadium	51-2	109490	109332	109238	109354	0.12	cps
Yttrium	89-1	6521237	6583091	6528516	6544281	0.52	cps
Yttrium	89-2	268359	268186	267976	268174	0.07	cps
Zinc	66-2	48571	48050	47883	48168	0.75	cps
Zirconium	90-1	1792880	1810655	1800525	1801353	0.49	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:22:56	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	394748	393805	395311	394621	0.19	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:26:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39005	39865	40450	39773	1.83	cps
Antimony	121-1	2348546	2323669	2293877	2322031	1.18	cps
Arsenic	75-2	34653	34081	34066	34266	0.98	cps
Barium	135-1	2343891	2363034	2328137	2345021	0.75	cps
Barium	137-1	4030666	4059261	3991693	4027207	0.84	cps
Beryllium	9-1	368089	366426	365384	366633	0.37	cps
Bismuth	209-1	4008244	4071813	4050928	4043662	0.80	cps
Bismuth	209-2	1505336	1484924	1498949	1496403	0.70	cps
Boron	10-1	42664	44027	42673	43121	1.82	cps
Boron	11-1	196932	198809	199975	198572	0.77	cps
Cadmium	111-1	504064	503952	503610	503875	0.05	cps
Cadmium	106-1	52653	53323	52604	52860	0.76	cps
Cadmium	108-1	35668	35351	35058	35359	0.86	cps
Calcium	43-1	548900	543789	545424	546038	0.48	cps
Calcium	44-1	9040736	8924916	8905251	8956968	0.82	cps
Chromium	52-2	288397	284626	285653	286225	0.68	cps
Cobalt	59-2	595969	598690	598014	597558	0.24	cps
Copper	63-2	1025070	1012325	1020679	1019358	0.64	cps
Dysprosium	156-1	50	25	58	44	39.04	cps
Dysprosium	156-2	3	20	3	9	108.30	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	108	100	42	83	43.59	cps
Gadolinium	160-2	0	10	33	14	118.42	cps
Holmium	165-1	6676687	6753097	6728894	6719559	0.58	cps
Holmium	165-2	1951661	1937898	1960851	1950136	0.59	cps
Indium	115-1	6014210	5993904	6000955	6003023	0.17	cps
Indium	115-2	350092	345614	344357	346688	0.87	cps
Iron	56-2	9599617	9518549	9602050	9573405	0.50	cps
Iron	57-2	243107	240303	242966	242125	0.65	cps
Lead	206-1	1203949	1204416	1215381	1207915	0.54	cps
Lead	207-1	1085386	1093304	1098810	1092500	0.62	cps
Lead	208-1	4949912	4951810	4996678	4966133	0.53	cps
Lithium	6-1	1095334	1104261	1118112	1105902	1.04	cps
Magnesium	24-2	996523	1002763	1001915	1000400	0.34	cps
Manganese	55-2	161509	159528	160251	160429	0.62	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:26:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1918144	1900013	1917883	1912013	0.54	cps
Molybdenum	95-1	1017251	1013324	1016904	1015826	0.21	cps
Molybdenum	96-1	1298496	1293925	1298707	1297043	0.21	cps
Molybdenum	97-1	624680	627493	628292	626822	0.30	cps
Molybdenum	98-1	1638305	1672397	1640997	1650566	1.15	cps
Neodymium	150-1	80	80	120	93	24.75	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	175794	172797	173696	174096	0.88	cps
Phosphorus	31-2	3292	3000	2950	3081	5.99	cps
Potassium	39-2	313878	310734	312582	312398	0.51	cps
Rhodium	103-1	5828910	5773211	5815764	5805962	0.50	cps
Rhodium	103-2	1833963	1807115	1812006	1817695	0.79	cps
Scandium	45-1	3907375	3938193	3848721	3898096	1.17	cps
Scandium	45-2	39850	38821	39051	39240	1.38	cps
Selenium	77-2	230	193	220	214	8.84	cps
Selenium	78-2	817	778	822	806	3.01	cps
Selenium	82-1	32273	32160	31670	32035	1.00	cps
Silicon	28-1	1627185	1608437	1653557	1629726	1.39	cps
Silver	109-1	2446561	2467768	2464732	2459687	0.47	cps
Silver	107-1	2550258	2592923	2555601	2566261	0.91	cps
Sodium	23-2	2487850	2429450	2469077	2462126	1.21	cps
Strontium	86-1	646478	643043	646354	645292	0.30	cps
Strontium	88-1	5573005	5560530	5537219	5556918	0.33	cps
Sulfur	34-1	544338	537875	536549	539588	0.77	cps
Terbium	159-1	7184759	7171282	7117046	7157696	0.50	cps
Terbium	159-2	1885505	1866152	1889687	1880448	0.67	cps
Thallium	203-1	1496068	1489685	1513730	1499827	0.83	cps
Thallium	205-1	3619664	3582788	3610262	3604238	0.53	cps
Tin	118-1	1611001	1623343	1583756	1606033	1.26	cps
Titanium	47-1	292445	291534	286150	290043	1.17	cps
Uranium	238-1	4572539	4569246	4563701	4568495	0.10	cps
Vanadium	51-2	213681	211150	212360	212397	0.60	cps
Yttrium	89-1	6584437	6543231	6543953	6557207	0.36	cps
Yttrium	89-2	263334	259606	259810	260917	0.80	cps
Zinc	66-2	93626	93640	94173	93813	0.33	cps
Zirconium	90-1	3587315	3589811	3621722	3599616	0.53	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:26:19	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792732	794283	790406	792474	0.25	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:29:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75853	77353	78274	77160	1.58	cps
Antimony	121-1	4649868	4619537	4569503	4612969	0.88	cps
Arsenic	75-2	66654	67115	66695	66822	0.38	cps
Barium	135-1	4693296	4643835	4678785	4671972	0.54	cps
Barium	137-1	8064351	8011790	8193535	8089892	1.16	cps
Beryllium	9-1	725129	724698	724011	724612	0.08	cps
Bismuth	209-1	4210278	4189042	4244580	4214633	0.66	cps
Bismuth	209-2	1489962	1480451	1489039	1486484	0.35	cps
Boron	10-1	85428	85831	86544	85935	0.66	cps
Boron	11-1	395784	394089	398722	396198	0.59	cps
Cadmium	111-1	1009948	1001317	1013325	1008197	0.61	cps
Cadmium	106-1	106325	103092	104092	104503	1.58	cps
Cadmium	108-1	71576	70349	70973	70966	0.86	cps
Calcium	43-1	1077313	1079570	1076237	1077707	0.16	cps
Calcium	44-1	17724757	17723171	17771947	17739958	0.16	cps
Chromium	52-2	561393	558640	558910	559648	0.27	cps
Cobalt	59-2	1165274	1166770	1172195	1168080	0.31	cps
Copper	63-2	2009526	2026607	2031764	2022632	0.58	cps
Dysprosium	156-1	75	108	108	97	19.80	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	167	117	50	111	52.68	cps
Gadolinium	160-2	13	23	17	18	28.64	cps
Holmium	165-1	7056648	6949915	6995008	7000524	0.77	cps
Holmium	165-2	1940231	1948405	1967415	1952017	0.71	cps
Indium	115-1	6024196	5973640	6010313	6002716	0.44	cps
Indium	115-2	333855	336375	336696	335642	0.46	cps
Iron	56-2	18892141	18699680	18882834	18824885	0.58	cps
Iron	57-2	472142	471602	476424	473389	0.56	cps
Lead	206-1	2602943	2571745	2572474	2582387	0.69	cps
Lead	207-1	2379978	2353607	2364176	2365920	0.56	cps
Lead	208-1	10587783	10474453	10545117	10535784	0.54	cps
Lithium	6-1	1098718	1103413	1112657	1104930	0.64	cps
Magnesium	24-2	1987902	1977708	2006908	1990839	0.74	cps
Manganese	55-2	312291	311780	314545	312872	0.47	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:29:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3803778	3733948	3774313	3770680	0.93	cps
Molybdenum	95-1	2089838	2071234	2061678	2074250	0.69	cps
Molybdenum	96-1	2646335	2592758	2620324	2619806	1.02	cps
Molybdenum	97-1	1266507	1243112	1247670	1252430	0.99	cps
Molybdenum	98-1	3328172	3275859	3274978	3293003	0.93	cps
Neodymium	150-1	87	140	140	122	25.20	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	338308	341864	338823	339665	0.57	cps
Phosphorus	31-2	6027	5868	5960	5951	1.34	cps
Potassium	39-2	600015	596232	598075	598107	0.32	cps
Rhodium	103-1	5855389	5704584	5706373	5755448	1.50	cps
Rhodium	103-2	1784586	1799366	1799683	1794545	0.48	cps
Scandium	45-1	3832126	3832846	3878844	3847939	0.70	cps
Scandium	45-2	39669	38643	38703	39005	1.48	cps
Selenium	77-2	513	487	537	512	4.89	cps
Selenium	78-2	1589	1619	1461	1556	5.38	cps
Selenium	82-1	63722	63026	63639	63462	0.60	cps
Silicon	28-1	2780911	2759801	2819605	2786772	1.09	cps
Silver	109-1	4899796	4835186	4881416	4872133	0.68	cps
Silver	107-1	5126232	5102163	5136386	5121594	0.34	cps
Sodium	23-2	4774261	4791646	4827892	4797933	0.57	cps
Strontium	86-1	1293118	1282985	1291069	1289057	0.42	cps
Strontium	88-1	11276919	11086873	11104505	11156099	0.94	cps
Sulfur	34-1	690079	693671	687976	690575	0.42	cps
Terbium	159-1	7390451	7350773	7347259	7362828	0.33	cps
Terbium	159-2	1881226	1902630	1905254	1896370	0.70	cps
Thallium	203-1	3183876	3122906	3190471	3165751	1.18	cps
Thallium	205-1	7416648	7380063	7398961	7398557	0.25	cps
Tin	118-1	3249868	3223552	3209698	3227706	0.63	cps
Titanium	47-1	573244	568906	575578	572576	0.59	cps
Uranium	238-1	9611545	9592851	9680158	9628185	0.48	cps
Vanadium	51-2	415395	415860	417092	416116	0.21	cps
Yttrium	89-1	6602157	6573450	6580729	6585445	0.23	cps
Yttrium	89-2	253587	255040	256198	254942	0.51	cps
Zinc	66-2	181243	180899	181526	181223	0.17	cps
Zirconium	90-1	7189367	7164971	7154388	7169576	0.25	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:29:36	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1620159	1618124	1611762	1616681	0.27	cps

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:32:49 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154331	155637	155391	155120	0.45	cps
Antimony	121-1	9359261	9265905	9383440	9336202	0.66	cps
Arsenic	75-2	132106	132737	132605	132483	0.25	cps
Barium	135-1	9593260	9651845	9617841	9620982	0.31	cps
Barium	137-1	16529153	16361175	16562556	16484295	0.65	cps
Beryllium	9-1	1467310	1475606	1487867	1476928	0.70	cps
Bismuth	209-1	4371025	4330653	4326826	4342835	0.56	cps
Bismuth	209-2	1487021	1485442	1493475	1488646	0.29	cps
Boron	10-1	174152	176858	177528	176179	1.01	cps
Boron	11-1	793287	800882	806702	800291	0.84	cps
Cadmium	111-1	2062677	2088649	2023267	2058198	1.60	cps
Cadmium	106-1	212060	208386	210790	210412	0.89	cps
Cadmium	108-1	142611	142177	141929	142239	0.24	cps
Calcium	43-1	2183890	2183578	2193049	2186839	0.25	cps
Calcium	44-1	35373817	35249406	35197833	35273686	0.26	cps
Chromium	52-2	1101666	1112325	1104503	1106164	0.50	cps
Cobalt	59-2	2362925	2379122	2353138	2365062	0.55	cps
Copper	63-2	3924269	3929423	3993168	3948953	0.97	cps
Dysprosium	156-1	192	217	217	208	6.93	cps
Dysprosium	156-2	33	43	50	42	19.87	cps
Erbium	164-1	108	100	75	94	18.37	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	125	133	250	169	41.24	cps
Gadolinium	160-2	40	50	70	53	28.64	cps
Holmium	165-1	7429793	7307804	7340293	7359297	0.86	cps
Holmium	165-2	1942319	1962748	1955999	1953689	0.53	cps
Indium	115-1	6154971	6100098	6023705	6092924	1.08	cps
Indium	115-2	323560	324923	323046	323843	0.30	cps
Iron	56-2	37303718	37118715	37011841	37144758	0.40	cps
Iron	57-2	936340	938022	930700	935021	0.41	cps
Lead	206-1	5338290	5302826	5279223	5306780	0.56	cps
Lead	207-1	4860500	4777740	4848245	4828829	0.92	cps
Lead	208-1	21569815	21327020	21622694	21506510	0.73	cps
Lithium	6-1	1109866	1128667	1100346	1112960	1.29	cps
Magnesium	24-2	3991883	3979988	3966867	3979579	0.31	cps
Manganese	55-2	620001	620353	618240	619532	0.18	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:32:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7592997	7558255	7670145	7607132	0.75	cps
Molybdenum	95-1	4162208	4166461	4149925	4159531	0.21	cps
Molybdenum	96-1	5311223	5294372	5272144	5292580	0.37	cps
Molybdenum	97-1	2605444	2559165	2579224	2581278	0.90	cps
Molybdenum	98-1	6553215	6579725	6583053	6571998	0.25	cps
Neodymium	150-1	420	460	380	420	9.52	cps
Neodymium	150-2	27	27	33	29	13.31	cps
Nickel	60-2	663419	667615	663682	664905	0.35	cps
Phosphorus	31-2	11480	12231	11639	11783	3.36	cps
Potassium	39-2	1171720	1177936	1167350	1172335	0.45	cps
Rhodium	103-1	5847083	5789533	5770884	5802500	0.68	cps
Rhodium	103-2	1780156	1774251	1751947	1768785	0.84	cps
Scandium	45-1	3893745	3891958	3863155	3882953	0.44	cps
Scandium	45-2	38509	38449	38984	38648	0.76	cps
Selenium	77-2	1003	867	1000	957	8.15	cps
Selenium	78-2	3224	3228	3223	3225	0.09	cps
Selenium	82-1	126193	125921	127293	126469	0.57	cps
Silicon	28-1	4607643	4579331	4579493	4588822	0.36	cps
Silver	109-1	9682177	9626379	9563413	9623990	0.62	cps
Silver	107-1	10113415	10117945	10000559	10077307	0.66	cps
Sodium	23-2	9577397	9639691	9614190	9610426	0.33	cps
Strontium	86-1	2645371	2630163	2633498	2636344	0.30	cps
Strontium	88-1	22481721	22536996	22665484	22561401	0.42	cps
Sulfur	34-1	895263	899471	1017765	937500	7.42	cps
Terbium	159-1	7622803	7694150	7663005	7659986	0.47	cps
Terbium	159-2	1917417	1907133	1893882	1906144	0.62	cps
Thallium	203-1	6555323	6457932	6449892	6487716	0.90	cps
Thallium	205-1	15522509	15169374	15414759	15368881	1.18	cps
Tin	118-1	6499533	6542446	6446913	6496297	0.74	cps
Titanium	47-1	1140589	1144190	1137791	1140857	0.28	cps
Uranium	238-1	20120408	20060301	19980335	20053682	0.35	cps
Vanadium	51-2	826573	832360	830016	829650	0.35	cps
Yttrium	89-1	6698933	6665747	6668431	6677704	0.28	cps
Yttrium	89-2	254297	253314	253267	253626	0.23	cps
Zinc	66-2	364080	361789	362486	362785	0.32	cps
Zirconium	90-1	14471114	14511095	14607686	14529965	0.48	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:32:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3252405	3243679	3245684	3247256	0.14	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:35:57	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	805784	811268	808392	808481	0.34	cps
Antimony	121-1	19523	18856	19131	19170	1.75	cps
Arsenic	75-2	35	57	57	50	25.66	cps
Barium	135-1	3000	3075	3309	3128	5.14	cps
Barium	137-1	5251	5551	5201	5335	3.55	cps
Beryllium	9-1	389	378	344	370	6.25	cps
Bismuth	209-1	4096383	4088447	4078445	4087759	0.22	cps
Bismuth	209-2	1434754	1429856	1434529	1433046	0.19	cps
Boron	10-1	6485	5893	5343	5907	9.67	cps
Boron	11-1	28746	26559	24614	26640	7.76	cps
Cadmium	111-1	1482	1276	1440	1399	7.80	cps
Cadmium	106-1	1775	1458	1609	1614	9.82	cps
Cadmium	108-1	33	29	33	32	7.52	cps
Calcium	43-1	11068280	10905187	10913619	10962362	0.84	cps
Calcium	44-1	181167687	179258750	180332558	180252998	0.53	cps
Chromium	52-2	4824	4711	4858	4798	1.60	cps
Cobalt	59-2	2780	2927	2770	2826	3.10	cps
Copper	63-2	5668	5878	5611	5719	2.46	cps
Dysprosium	156-1	125	83	83	97	24.74	cps
Dysprosium	156-2	17	27	20	21	24.12	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	133	108	100	114	15.23	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Holmium	165-1	7213301	7229296	7216007	7219534	0.12	cps
Holmium	165-2	1985853	2013006	2015352	2004737	0.82	cps
Indium	115-1	6015358	5925440	5963287	5968028	0.76	cps
Indium	115-2	339960	341896	346120	342659	0.92	cps
Iron	56-2	184332404	185901599	186777593	185670532	0.67	cps
Iron	57-2	4666695	4622087	4642574	4643785	0.48	cps
Lead	206-1	10054	9871	10071	9999	1.11	cps
Lead	207-1	8303	7936	8114	8118	2.26	cps
Lead	208-1	38541	37356	38524	38140	1.78	cps
Lithium	6-1	1115504	1105847	1112566	1111306	0.45	cps
Magnesium	24-2	19746994	19767046	19772157	19762066	0.07	cps
Manganese	55-2	1707	1713	1703	1708	0.30	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:35:57	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3467	3201	3442	3370	4.37	cps
Molybdenum	95-1	4001	3942	4017	3987	0.99	cps
Molybdenum	96-1	6910	6402	7036	6783	4.95	cps
Molybdenum	97-1	2575	2509	2467	2517	2.17	cps
Molybdenum	98-1	6418	6360	6485	6421	0.98	cps
Neodymium	150-1	80	40	60	60	33.33	cps
Neodymium	150-2	20	13	3	12	68.66	cps
Nickel	60-2	2020	1970	2057	2016	2.16	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	6025961	6047398	6002018	6025126	0.38	cps
Rhodium	103-1	5571807	5528303	5578716	5559609	0.49	cps
Rhodium	103-2	1744198	1761782	1725824	1743935	1.03	cps
Scandium	45-1	3856379	3875862	3904859	3879033	0.63	cps
Scandium	45-2	38346	39115	39940	39134	2.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	35	-22	21	11	259.86	cps
Silicon	28-1	441632	433635	440080	438449	0.97	cps
Silver	109-1	1033	867	50197	17366	163.73	cps
Silver	107-1	842	950	867	886	6.40	cps
Sodium	23-2	48408814	47916832	48330208	48218618	0.55	cps
Strontium	86-1	87840	91832	89779	89817	2.22	cps
Strontium	88-1	769675	771162	775902	772247	0.42	cps
Sulfur	34-1	374496	377652	378939	377029	0.61	cps
Terbium	159-1	7626906	7580396	7505459	7570920	0.81	cps
Terbium	159-2	1929680	1935460	1948930	1938023	0.51	cps
Thallium	203-1	2034	1959	2067	2020	2.75	cps
Thallium	205-1	4893	4243	4142	4426	9.21	cps
Tin	118-1	3992	3684	3517	3731	6.46	cps
Titanium	47-1	908	825	833	856	5.37	cps
Uranium	238-1	1258	1017	1133	1136	10.64	cps
Vanadium	51-2	240	237	243	240	1.39	cps
Yttrium	89-1	6582896	6547504	6703627	6611342	1.24	cps
Yttrium	89-2	261705	262261	261905	261957	0.11	cps
Zinc	66-2	1160	1120	1160	1147	2.01	cps
Zirconium	90-1	2550	2492	2442	2495	2.17	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:35:57	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	617	533	583	7.56	cps

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:39:16 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4468	4276	4184	4309	3.36	cps
Antimony	121-1	1831714	1847740	1820620	1833358	0.74	cps
Arsenic	75-2	28004	28166	28580	28250	1.05	cps
Barium	135-1	185333	186040	187156	186177	0.49	cps
Barium	137-1	319618	321585	323204	321469	0.56	cps
Beryllium	9-1	145854	148946	147750	147517	1.06	cps
Bismuth	209-1	4018234	4156125	4166009	4113456	2.01	cps
Bismuth	209-2	1540659	1548670	1561654	1550328	0.68	cps
Boron	10-1	101667	102791	102365	102274	0.56	cps
Boron	11-1	470053	476399	475289	473914	0.72	cps
Cadmium	111-1	207797	208597	210191	208862	0.58	cps
Cadmium	106-1	33383	33559	34219	33721	1.31	cps
Cadmium	108-1	18246	18680	18663	18530	1.33	cps
Calcium	43-1	51471	51873	51420	51588	0.48	cps
Calcium	44-1	829538	831671	830860	830690	0.13	cps
Chromium	52-2	115798	116523	116789	116370	0.44	cps
Cobalt	59-2	244317	244491	248976	245928	1.07	cps
Copper	63-2	208715	210248	210770	209911	0.51	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	42	75	56	31.22	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	75	108	83	89	19.52	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	6737488	6916863	6901917	6852090	1.45	cps
Holmium	165-2	2003307	2041289	2052359	2032318	1.27	cps
Indium	115-1	6045360	6202576	6164865	6137600	1.34	cps
Indium	115-2	361446	362597	365891	363311	0.63	cps
Iron	56-2	786593	789910	789320	788608	0.22	cps
Iron	57-2	19030	19559	19553	19381	1.57	cps
Lead	206-1	979794	995257	995955	990335	0.92	cps
Lead	207-1	853084	863383	860537	859001	0.62	cps
Lead	208-1	3987840	4033198	4011721	4010920	0.57	cps
Lithium	6-1	1142172	1168840	1178264	1163092	1.61	cps
Magnesium	24-2	50733	50239	50783	50585	0.59	cps
Manganese	55-2	33634	33377	33738	33583	0.55	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:39:16	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3747303	3837489	3796373	3793722	1.19	cps
Molybdenum	95-1	2080909	2065702	2094359	2080324	0.69	cps
Molybdenum	96-1	2669789	2634657	2671646	2658697	0.78	cps
Molybdenum	97-1	1266937	1265346	1271019	1267768	0.23	cps
Molybdenum	98-1	3361622	3348612	3318706	3342980	0.66	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70966	72692	73831	72496	1.99	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	54407	56925	54507	55279	2.58	cps
Rhodium	103-1	5923748	6104879	6120694	6049774	1.81	cps
Rhodium	103-2	1917707	1933947	1954604	1935419	0.96	cps
Scandium	45-1	4006572	4109056	4121382	4079004	1.55	cps
Scandium	45-2	42447	42581	42066	42365	0.63	cps
Selenium	77-2	240	167	223	210	18.31	cps
Selenium	78-2	715	733	694	714	2.72	cps
Selenium	82-1	25814	26021	26228	26021	0.80	cps
Silicon	28-1	2545300	2540416	2575608	2553775	0.75	cps
Silver	109-1	952460	959422	961386	957756	0.49	cps
Silver	107-1	1006244	1017221	1013901	1012455	0.56	cps
Sodium	23-2	215652	218577	217398	217209	0.68	cps
Strontium	86-1	1297099	1300271	1301608	1299659	0.18	cps
Strontium	88-1	11315876	11406681	11197533	11306697	0.93	cps
Sulfur	34-1	385893	383558	383897	384449	0.33	cps
Terbium	159-1	7066389	7273391	7268983	7202921	1.64	cps
Terbium	159-2	1967156	1938481	1969667	1958435	0.88	cps
Thallium	203-1	1234110	1240657	1251452	1242073	0.71	cps
Thallium	205-1	2985606	3001056	2978371	2988344	0.39	cps
Tin	118-1	3219884	3252430	3305061	3259125	1.32	cps
Titanium	47-1	584055	585451	591293	586933	0.65	cps
Uranium	238-1	9789348	9734936	9843303	9789196	0.55	cps
Vanadium	51-2	85663	86056	86961	86227	0.77	cps
Yttrium	89-1	6621028	6846791	6754532	6740784	1.68	cps
Yttrium	89-2	272778	275703	276496	274992	0.71	cps
Zinc	66-2	38417	39593	39145	39052	1.52	cps
Zirconium	90-1	7123687	7169515	7152674	7148625	0.32	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:39:16	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1626892	1598494	1622557	1615981	0.95	cps

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:42:21 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	17	28	69.27	cps
Antimony	121-1	1909	1625	1750	1761	8.06	cps
Arsenic	75-2	11	13	7	10	26.93	cps
Barium	135-1	50	75	67	64	19.92	cps
Barium	137-1	67	83	83	78	12.37	cps
Beryllium	9-1	244	194	178	206	16.88	cps
Bismuth	209-1	3999627	4063724	4057127	4040159	0.87	cps
Bismuth	209-2	1483413	1512112	1511823	1502449	1.10	cps
Boron	10-1	2717	2784	2642	2714	2.61	cps
Boron	11-1	11839	11730	11447	11672	1.73	cps
Cadmium	111-1	1076	1158	996	1077	7.49	cps
Cadmium	106-1	1500	1617	1392	1503	7.49	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	2709	2309	2309	2442	9.46	cps
Calcium	44-1	50551	50082	50065	50233	0.55	cps
Chromium	52-2	890	917	880	896	2.12	cps
Cobalt	59-2	30	57	40	42	31.91	cps
Copper	63-2	317	307	313	312	1.63	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	17	108	67	64	71.84	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6743331	6845944	6710545	6766607	1.04	cps
Holmium	165-2	1959673	1971443	1986554	1972557	0.68	cps
Indium	115-1	6189773	6206412	6227603	6207929	0.31	cps
Indium	115-2	350001	359403	359110	356172	1.50	cps
Iron	56-2	3306	3406	3428	3380	1.93	cps
Iron	57-2	128	44	83	85	48.94	cps
Lead	206-1	806	739	850	798	7.01	cps
Lead	207-1	795	717	639	717	10.85	cps
Lead	208-1	3367	3200	3117	3228	3.94	cps
Lithium	6-1	1139465	1156573	1155630	1150556	0.84	cps
Magnesium	24-2	342	267	275	294	13.96	cps
Manganese	55-2	110	93	63	89	26.61	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:42:21	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	333	508	419	20.87	cps
Molybdenum	95-1	283	250	200	244	17.16	cps
Molybdenum	96-1	392	350	392	378	6.37	cps
Molybdenum	97-1	225	125	167	172	29.17	cps
Molybdenum	98-1	342	425	308	358	16.77	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	407	373	427	402	6.70	cps
Phosphorus	31-2	0	33	0	11	173.21	cps
Potassium	39-2	4393	4151	4067	4204	4.02	cps
Rhodium	103-1	5971937	5947423	5941817	5953726	0.27	cps
Rhodium	103-2	1865892	1897112	1883038	1882014	0.83	cps
Scandium	45-1	3984530	4031918	3994272	4003574	0.63	cps
Scandium	45-2	38326	39967	39158	39150	2.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	23	-35	-69	-27	-171.96	cps
Silicon	28-1	401959	391999	390522	394827	1.58	cps
Silver	109-1	208	108	75	131	53.15	cps
Silver	107-1	183	167	175	175	4.76	cps
Sodium	23-2	11989	12039	11664	11897	1.71	cps
Strontium	86-1	942	908	1033	961	6.74	cps
Strontium	88-1	983	1000	1092	1025	5.69	cps
Sulfur	34-1	378983	375841	371385	375403	1.02	cps
Terbium	159-1	7149358	7124717	7129825	7134633	0.18	cps
Terbium	159-2	1905352	1926495	1941509	1924452	0.94	cps
Thallium	203-1	642	533	525	567	11.49	cps
Thallium	205-1	1333	1250	1383	1322	5.09	cps
Tin	118-1	2017	2067	2034	2039	1.25	cps
Titanium	47-1	167	142	200	169	17.27	cps
Uranium	238-1	192	208	133	178	22.15	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	6672880	6792382	6620462	6695242	1.32	cps
Yttrium	89-2	262474	265594	266915	264994	0.86	cps
Zinc	66-2	77	60	70	69	12.18	cps
Zirconium	90-1	800	792	750	781	3.43	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:42:21	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	200	192	181	14.84	cps

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:45:30 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	728652	737081	731125	732286	0.59	cps
Antimony	121-1	10997	10713	11305	11005	2.69	cps
Arsenic	75-2	43	26	78	49	54.28	cps
Barium	135-1	2825	2859	2975	2887	2.73	cps
Barium	137-1	5060	4976	4743	4926	3.33	cps
Beryllium	9-1	617	650	567	611	6.86	cps
Bismuth	209-1	4047547	4046139	4017166	4036951	0.42	cps
Bismuth	209-2	1466157	1265541	1453216	1394971	8.05	cps
Boron	10-1	2117	2284	2242	2214	3.92	cps
Boron	11-1	10846	10304	10012	10387	4.07	cps
Cadmium	111-1	1666	1788	1661	1705	4.24	cps
Cadmium	106-1	1534	1517	1425	1492	3.91	cps
Cadmium	108-1	1113	879	946	979	12.27	cps
Calcium	43-1	2171035	2165937	2191715	2176229	0.63	cps
Calcium	44-1	35406908	35276640	35531730	35405093	0.36	cps
Chromium	52-2	22872	23450	23360	23227	1.34	cps
Cobalt	59-2	2784	2797	2787	2789	0.25	cps
Copper	63-2	15692	16120	15729	15847	1.49	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	25	42	100	56	70.88	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	67	83	83	78	12.37	cps
Gadolinium	160-2	23	17	20	20	16.65	cps
Holmium	165-1	7081138	7065098	7019167	7055134	0.46	cps
Holmium	165-2	1994092	1717522	1985058	1898890	8.28	cps
Indium	115-1	6157069	6100759	6156368	6138065	0.53	cps
Indium	115-2	351204	299302	350282	333596	8.90	cps
Iron	56-2	74283707	74381027	74251488	74305407	0.09	cps
Iron	57-2	1905354	1899890	1924657	1909967	0.68	cps
Lead	206-1	22381	22788	22676	22615	0.93	cps
Lead	207-1	18492	17596	17674	17921	2.77	cps
Lead	208-1	85340	84472	84583	84798	0.56	cps
Lithium	6-1	1107446	1101578	1100076	1103033	0.35	cps
Magnesium	24-2	3932219	3919918	3879088	3910408	0.71	cps
Manganese	55-2	2524	2624	2554	2567	2.00	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:45:30	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4418075	4374995	4441397	4411489	0.76	cps
Molybdenum	95-1	7703678	7722064	7719174	7714972	0.13	cps
Molybdenum	96-1	8255434	8265575	8216218	8245742	0.32	cps
Molybdenum	97-1	4764830	4764869	4837649	4789116	0.88	cps
Molybdenum	98-1	12376969	12327005	12390419	12364797	0.27	cps
Neodymium	150-1	53	40	73	56	30.20	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	4011	3897	3811	3906	2.57	cps
Phosphorus	31-2	59995	58890	57425	58770	2.19	cps
Potassium	39-2	2438418	2444855	2447059	2443444	0.18	cps
Rhodium	103-1	5778600	5734827	5769819	5761082	0.40	cps
Rhodium	103-2	1832385	1565717	1843148	1747083	9.00	cps
Scandium	45-1	3982404	3970036	3976991	3976477	0.16	cps
Scandium	45-2	39920	34734	39342	37999	7.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	-55	35	-105	-42	-169.00	cps
Silicon	28-1	509924	511979	506662	509522	0.53	cps
Silver	109-1	1609	1750	1892	1750	8.10	cps
Silver	107-1	1925	1975	2067	1989	3.61	cps
Sodium	23-2	9518157	9670969	9636309	9608478	0.83	cps
Strontium	86-1	85006	85467	85534	85336	0.34	cps
Strontium	88-1	738188	734601	741061	737950	0.44	cps
Sulfur	34-1	2850404	2866644	2842567	2853205	0.43	cps
Terbium	159-1	7399007	7421410	7325750	7382056	0.68	cps
Terbium	159-2	1949872	1656812	1914817	1840500	8.70	cps
Thallium	203-1	1050	1108	1075	1078	2.72	cps
Thallium	205-1	2509	2375	2459	2448	2.75	cps
Tin	118-1	2217	2050	2200	2156	4.26	cps
Titanium	47-1	2229864	2227104	2210355	2222441	0.48	cps
Uranium	238-1	375	350	292	339	12.62	cps
Vanadium	51-2	140	163	120	141	15.37	cps
Yttrium	89-1	6708720	6732226	6709247	6716731	0.20	cps
Yttrium	89-2	266182	226391	266454	253009	9.11	cps
Zinc	66-2	2227	2264	2364	2285	3.10	cps
Zirconium	90-1	2350	2217	2192	2253	3.78	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:45:30	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	483	450	494	10.30	cps

LB Number : LB89507 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-08-14 13:48:34 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733092	731341	721354	728596	0.87	cps
Antimony	121-1	186418	184239	185885	185514	0.61	cps
Arsenic	75-2	2760	2734	2611	2702	2.93	cps
Barium	135-1	39560	39610	38716	39295	1.28	cps
Barium	137-1	67632	69132	68377	68380	1.10	cps
Beryllium	9-1	28868	28880	28673	28807	0.40	cps
Bismuth	209-1	4075182	4027356	3989473	4030670	1.07	cps
Bismuth	209-2	1462969	1468349	1455745	1462354	0.43	cps
Boron	10-1	12030	11113	11772	11638	4.06	cps
Boron	11-1	50924	51953	53417	52098	2.40	cps
Cadmium	111-1	39772	39917	40453	40047	0.90	cps
Cadmium	106-1	5827	6619	6202	6216	6.37	cps
Cadmium	108-1	3922	3922	4172	4005	3.60	cps
Calcium	43-1	2176108	2174724	2210825	2187219	0.94	cps
Calcium	44-1	35450280	35245867	35493677	35396608	0.37	cps
Chromium	52-2	45387	45170	45838	45465	0.75	cps
Cobalt	59-2	49886	50217	49013	49705	1.25	cps
Copper	63-2	56260	55564	55326	55717	0.87	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	100	75	50	75	33.34	cps
Gadolinium	160-2	17	30	23	23	28.56	cps
Holmium	165-1	7011843	6875969	6947330	6945047	0.98	cps
Holmium	165-2	2005983	2004702	1989821	2000169	0.45	cps
Indium	115-1	6126204	6118605	6010879	6085229	1.06	cps
Indium	115-2	352599	349244	349483	350442	0.53	cps
Iron	56-2	74142371	74326291	73592066	74020242	0.52	cps
Iron	57-2	1924965	1899580	1879814	1901453	1.19	cps
Lead	206-1	119710	119776	120472	119986	0.35	cps
Lead	207-1	99576	98513	99862	99317	0.72	cps
Lead	208-1	462805	459603	461490	461299	0.35	cps
Lithium	6-1	1085900	1083789	1072587	1080759	0.66	cps
Magnesium	24-2	3920082	3926498	3894215	3913598	0.44	cps
Manganese	55-2	9190	9063	8800	9018	2.21	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:48:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4776364	4766793	4779609	4774255	0.14	cps
Molybdenum	95-1	7950942	7957336	7976229	7961502	0.17	cps
Molybdenum	96-1	8505439	8465990	8572474	8514634	0.63	cps
Molybdenum	97-1	4960253	4866458	4915065	4913925	0.95	cps
Molybdenum	98-1	12853732	12651507	12809544	12771594	0.83	cps
Neodymium	150-1	33	73	53	53	37.50	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	17238	17782	17084	17368	2.11	cps
Phosphorus	31-2	57752	59216	57618	58196	1.52	cps
Potassium	39-2	2460201	2456226	2409783	2442070	1.15	cps
Rhodium	103-1	5805906	5759951	5777659	5781172	0.40	cps
Rhodium	103-2	1862891	1852859	1826378	1847376	1.02	cps
Scandium	45-1	4027843	4027234	3909916	3988331	1.70	cps
Scandium	45-2	40094	40555	39328	39992	1.55	cps
Selenium	77-2	3	20	20	14	66.64	cps
Selenium	78-2	78	78	69	75	7.16	cps
Selenium	82-1	2435	2523	2386	2448	2.85	cps
Silicon	28-1	754150	753063	751670	752961	0.17	cps
Silver	109-1	177033	179235	176722	177664	0.77	cps
Silver	107-1	188222	185560	188120	187301	0.81	cps
Sodium	23-2	9623489	9530275	9403014	9518926	1.16	cps
Strontium	86-1	216466	214321	217024	215937	0.66	cps
Strontium	88-1	1914684	1918480	1914466	1915877	0.12	cps
Sulfur	34-1	2845904	2829294	2837721	2837640	0.29	cps
Terbium	159-1	7346855	7324222	7295871	7322316	0.35	cps
Terbium	159-2	1968068	1931754	1927798	1942540	1.14	cps
Thallium	203-1	121258	119752	122504	121172	1.14	cps
Thallium	205-1	286205	286766	286843	286605	0.12	cps
Tin	118-1	325426	323094	331131	326551	1.27	cps
Titanium	47-1	2270041	2283098	2308909	2287349	0.86	cps
Uranium	238-1	934414	936360	944925	938566	0.60	cps
Vanadium	51-2	16550	16790	16780	16707	0.81	cps
Yttrium	89-1	6736041	6671680	6669397	6692373	0.57	cps
Yttrium	89-2	269868	268464	265963	268098	0.74	cps
Zinc	66-2	5865	5635	6145	5881	4.34	cps
Zirconium	90-1	736135	740545	741118	739266	0.37	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:48:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	164854	164297	162493	163881	0.75	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P8
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:51:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415757	419499	414032	416429	0.67	cps
Antimony	121-1	4620799	4660875	4685309	4655661	0.70	cps
Arsenic	75-2	69228	69570	68973	69257	0.43	cps
Barium	135-1	4798632	4823309	4820229	4814057	0.28	cps
Barium	137-1	8151914	8241140	8205142	8199398	0.55	cps
Beryllium	9-1	731926	734098	739329	735118	0.52	cps
Bismuth	209-1	4018939	3983216	3994063	3998739	0.46	cps
Bismuth	209-2	1450134	1454391	1452272	1452266	0.15	cps
Boron	10-1	89084	90359	89905	89783	0.72	cps
Boron	11-1	398448	406359	412140	405649	1.69	cps
Cadmium	111-1	982176	989028	995787	988997	0.69	cps
Cadmium	106-1	103655	103059	104974	103896	0.94	cps
Cadmium	108-1	70660	69688	70592	70313	0.77	cps
Calcium	43-1	5522665	5511396	5530886	5521649	0.18	cps
Calcium	44-1	90940715	91403300	90671875	91005296	0.41	cps
Chromium	52-2	582401	586905	580993	583433	0.53	cps
Cobalt	59-2	1182631	1192977	1180042	1185217	0.58	cps
Copper	63-2	2008651	2015322	2019950	2014641	0.28	cps
Dysprosium	156-1	133	142	150	142	5.88	cps
Dysprosium	156-2	50	43	37	43	15.38	cps
Erbium	164-1	133	117	75	108	27.74	cps
Erbium	164-2	37	33	13	28	45.44	cps
Gadolinium	160-1	150	142	167	153	8.33	cps
Gadolinium	160-2	50	53	50	51	3.76	cps
Holmium	165-1	7027529	6986822	6948600	6987650	0.56	cps
Holmium	165-2	1990514	2015576	2017931	2008007	0.76	cps
Indium	115-1	5993851	5944436	6076309	6004865	1.11	cps
Indium	115-2	341124	342890	342644	342219	0.28	cps
Iron	56-2	93814608	93566874	93429835	93603772	0.21	cps
Iron	57-2	2435700	2459630	2408681	2434670	1.05	cps
Lead	206-1	2549447	2550963	2510209	2536873	0.91	cps
Lead	207-1	2286255	2318710	2281382	2295449	0.88	cps
Lead	208-1	10277942	10352201	10198267	10276137	0.75	cps
Lithium	6-1	1080875	1087404	1106031	1091437	1.20	cps
Magnesium	24-2	10165248	10164125	10064583	10131319	0.57	cps
Manganese	55-2	327051	328772	326737	327520	0.33	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P8
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:51:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3934329	3882862	3909062	3908751	0.66	cps
Molybdenum	95-1	2177716	2122840	2149619	2150058	1.28	cps
Molybdenum	96-1	2715033	2696052	2700914	2704000	0.36	cps
Molybdenum	97-1	1283762	1284445	1289568	1285925	0.25	cps
Molybdenum	98-1	3402825	3378430	3346351	3375869	0.84	cps
Neodymium	150-1	247	247	393	296	28.65	cps
Neodymium	150-2	37	57	33	42	29.89	cps
Nickel	60-2	340251	341702	340038	340664	0.27	cps
Phosphorus	31-2	6702	6527	6010	6413	5.61	cps
Potassium	39-2	3155028	3205731	3152427	3171062	0.95	cps
Rhodium	103-1	5666076	5534923	5656146	5619048	1.30	cps
Rhodium	103-2	1793928	1823734	1797804	1805156	0.90	cps
Scandium	45-1	4019626	3942632	3978042	3980100	0.97	cps
Scandium	45-2	40665	40806	40696	40722	0.18	cps
Selenium	77-2	477	483	487	482	1.06	cps
Selenium	78-2	1695	1715	1735	1715	1.19	cps
Selenium	82-1	63526	63778	63459	63588	0.26	cps
Silicon	28-1	2653125	2645997	2685307	2661476	0.79	cps
Silver	109-1	4703380	4781394	4797188	4760654	1.06	cps
Silver	107-1	4982751	4986652	4966257	4978553	0.22	cps
Sodium	23-2	24531956	24576625	24437501	24515360	0.29	cps
Strontium	86-1	1367154	1357396	1351537	1358695	0.58	cps
Strontium	88-1	11711238	11873991	11827300	11804176	0.71	cps
Sulfur	34-1	692217	689138	697032	692796	0.57	cps
Terbium	159-1	7415965	7397282	7292706	7368651	0.90	cps
Terbium	159-2	1942960	1947432	1953611	1948001	0.27	cps
Thallium	203-1	3122953	3122195	3138472	3127873	0.29	cps
Thallium	205-1	7378432	7390188	7220546	7329722	1.29	cps
Tin	118-1	3270750	3295555	3306847	3291051	0.56	cps
Titanium	47-1	589528	591854	587369	589584	0.38	cps
Uranium	238-1	9661521	9572774	9589981	9608092	0.49	cps
Vanadium	51-2	437747	439607	437465	438273	0.27	cps
Yttrium	89-1	6745341	6672236	6722810	6713462	0.56	cps
Yttrium	89-2	264404	265603	264659	264889	0.24	cps
Zinc	66-2	189582	188954	190012	189516	0.28	cps
Zirconium	90-1	7430674	7439476	7391332	7420494	0.35	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P8
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:51:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1683825	1692178	1684202	1686735	0.28	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P8
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:54:37	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	42	42	20.00	cps
Antimony	121-1	2234	2525	2267	2342	6.82	cps
Arsenic	75-2	13	11	7	10	26.93	cps
Barium	135-1	50	50	17	39	49.48	cps
Barium	137-1	100	92	108	100	8.33	cps
Beryllium	9-1	211	250	272	244	12.65	cps
Bismuth	209-1	4108792	4127621	4065826	4100746	0.77	cps
Bismuth	209-2	1328167	1446127	1510462	1428252	6.47	cps
Boron	10-1	3067	2909	2842	2939	3.93	cps
Boron	11-1	13674	12956	11914	12848	6.89	cps
Cadmium	111-1	1019	1065	1038	1041	2.23	cps
Cadmium	106-1	1417	1458	1450	1442	1.53	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	2367	2667	2292	2442	8.13	cps
Calcium	44-1	51294	51537	52123	51652	0.82	cps
Chromium	52-2	883	773	937	864	9.64	cps
Cobalt	59-2	47	43	60	50	17.64	cps
Copper	63-2	510	480	460	483	5.21	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	42	92	83	72	37.09	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	6761746	6845988	6784823	6797519	0.64	cps
Holmium	165-2	1708894	1876283	1988440	1857872	7.57	cps
Indium	115-1	6308698	6322329	6179129	6270052	1.26	cps
Indium	115-2	314036	344364	358393	338931	6.69	cps
Iron	56-2	3695	3878	3678	3751	2.96	cps
Iron	57-2	100	100	106	102	3.15	cps
Lead	206-1	839	694	689	741	11.48	cps
Lead	207-1	744	578	672	665	12.57	cps
Lead	208-1	3289	2695	2739	2908	11.39	cps
Lithium	6-1	1130589	1134081	1123128	1129266	0.50	cps
Magnesium	24-2	275	275	275	275	0.00	cps
Manganese	55-2	80	80	107	89	17.32	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P8
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:54:37	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	575	525	561	5.62	cps
Molybdenum	95-1	275	458	300	344	28.86	cps
Molybdenum	96-1	442	492	383	439	12.35	cps
Molybdenum	97-1	250	183	292	242	22.61	cps
Molybdenum	98-1	717	592	475	594	20.33	cps
Neodymium	150-1	40	7	7	18	108.23	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	273	307	300	293	6.01	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	4684	4418	4176	4426	5.75	cps
Rhodium	103-1	6014076	5957767	5947734	5973192	0.60	cps
Rhodium	103-2	1684363	1816248	1882909	1794506	5.63	cps
Scandium	45-1	4016526	3971781	3939066	3975791	0.98	cps
Scandium	45-2	35112	38272	40615	38000	7.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-57	-13	-84	-51	-68.96	cps
Silicon	28-1	393125	389630	387037	389930	0.78	cps
Silver	109-1	450	450	400	433	6.66	cps
Silver	107-1	442	475	433	450	4.90	cps
Sodium	23-2	15809	15017	14124	14983	5.63	cps
Strontium	86-1	942	825	900	889	6.65	cps
Strontium	88-1	958	1000	917	958	4.35	cps
Sulfur	34-1	365228	365792	364639	365220	0.16	cps
Terbium	159-1	7261846	7254687	7007516	7174683	2.02	cps
Terbium	159-2	1680995	1853867	1933646	1822836	7.09	cps
Thallium	203-1	817	692	667	725	11.08	cps
Thallium	205-1	1634	1542	1434	1536	6.52	cps
Tin	118-1	1467	1475	1383	1442	3.52	cps
Titanium	47-1	117	242	292	217	41.60	cps
Uranium	238-1	133	92	100	108	20.35	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	6736891	6659229	6607153	6667758	0.98	cps
Yttrium	89-2	235366	254369	265954	251897	6.13	cps
Zinc	66-2	123	73	110	102	25.33	cps
Zirconium	90-1	983	917	1042	981	6.38	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P8
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:54:37	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	200	167	194	13.09	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:57:45	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	92	200	142	38.57	cps
Antimony	121-1	17287	16720	16719	16909	1.94	cps
Arsenic	75-2	120	148	135	135	10.33	cps
Barium	135-1	16603	16302	15960	16288	1.97	cps
Barium	137-1	27989	28373	28423	28262	0.84	cps
Beryllium	9-1	1450	1456	1433	1446	0.80	cps
Bismuth	209-1	3989626	4000731	3895511	3961956	1.46	cps
Bismuth	209-2	1481428	1477727	1481562	1480239	0.15	cps
Boron	10-1	5235	5676	5176	5362	5.10	cps
Boron	11-1	24422	24572	25165	24719	1.59	cps
Cadmium	111-1	3034	3076	2827	2979	4.48	cps
Cadmium	106-1	1842	1859	1659	1786	6.21	cps
Cadmium	108-1	150	125	150	142	10.19	cps
Calcium	43-1	12222	11931	11964	12039	1.33	cps
Calcium	44-1	210464	210877	208357	209899	0.64	cps
Chromium	52-2	3297	3334	3077	3236	4.29	cps
Cobalt	59-2	2244	2247	2287	2259	1.07	cps
Copper	63-2	4327	4671	4814	4604	5.43	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	42	75	100	72	40.52	cps
Gadolinium	160-2	17	17	3	12	63.01	cps
Holmium	165-1	6737576	6662603	6588557	6662912	1.12	cps
Holmium	165-2	1981063	1942436	1954347	1959282	1.01	cps
Indium	115-1	6093319	6084093	6075143	6084185	0.15	cps
Indium	115-2	359372	353391	356250	356337	0.84	cps
Iron	56-2	38871	38353	38532	38586	0.68	cps
Iron	57-2	989	961	945	965	2.33	cps
Lead	206-1	5351	5451	5101	5301	3.40	cps
Lead	207-1	4773	5046	4590	4803	4.78	cps
Lead	208-1	21808	22364	20891	21688	3.43	cps
Lithium	6-1	1110353	1117855	1088499	1105569	1.38	cps
Magnesium	24-2	18529	18580	18746	18618	0.61	cps
Manganese	55-2	410	377	373	387	5.24	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:57:45	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15167	15126	14583	14959	2.18	cps
Molybdenum	95-1	17337	17120	18080	17512	2.87	cps
Molybdenum	96-1	20408	20082	19665	20052	1.86	cps
Molybdenum	97-1	10880	11155	10738	10924	1.94	cps
Molybdenum	98-1	28030	28606	28256	28297	1.03	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1060	947	1017	1008	5.67	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	15576	15601	15501	15559	0.33	cps
Rhodium	103-1	5948158	5826696	5926520	5900458	1.10	cps
Rhodium	103-2	1920883	1859480	1910095	1896819	1.73	cps
Scandium	45-1	3925927	3904647	3891847	3907474	0.44	cps
Scandium	45-2	39706	40034	40752	40164	1.33	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	20	24	24	23	9.35	cps
Selenium	82-1	576	549	569	565	2.53	cps
Silicon	28-1	429534	418269	425645	424483	1.35	cps
Silver	109-1	11923	12081	11814	11939	1.12	cps
Silver	107-1	12023	12465	12223	12237	1.81	cps
Sodium	23-2	57165	56170	55258	56198	1.70	cps
Strontium	86-1	3217	3442	2984	3214	7.13	cps
Strontium	88-1	21760	21359	21084	21401	1.59	cps
Sulfur	34-1	365881	363654	361143	363559	0.65	cps
Terbium	159-1	7065233	7016038	7019225	7033499	0.39	cps
Terbium	159-2	1921627	1922110	1890253	1911330	0.96	cps
Thallium	203-1	5793	5702	5468	5654	2.97	cps
Thallium	205-1	14058	13950	13716	13908	1.26	cps
Tin	118-1	29943	29150	29442	29511	1.36	cps
Titanium	47-1	5235	5560	5410	5401	3.01	cps
Uranium	238-1	15819	16320	15777	15972	1.89	cps
Vanadium	51-2	3901	3847	3981	3910	1.72	cps
Yttrium	89-1	6581978	6491164	6596068	6556404	0.87	cps
Yttrium	89-2	264034	265088	263935	264352	0.24	cps
Zinc	66-2	543	503	463	503	7.95	cps
Zirconium	90-1	13441	13641	13766	13616	1.20	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 13:57:45	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2900	3076	2617	2864	8.08	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:00:53	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	50	36	66.62	cps
Antimony	121-1	400	492	458	450	10.31	cps
Arsenic	75-2	6	11	9	9	32.69	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	83	50	67	67	25.00	cps
Beryllium	9-1	133	178	206	172	21.15	cps
Bismuth	209-1	3977041	4080993	3939686	3999240	1.83	cps
Bismuth	209-2	1490683	1466140	1509416	1488746	1.46	cps
Boron	10-1	1575	1559	1492	1542	2.86	cps
Boron	11-1	6844	6894	6568	6769	2.59	cps
Cadmium	111-1	910	1036	1049	998	7.66	cps
Cadmium	106-1	1283	1458	1467	1403	7.38	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	2400	2334	2467	2400	2.78	cps
Calcium	44-1	46996	47230	47866	47364	0.95	cps
Chromium	52-2	743	943	850	846	11.84	cps
Cobalt	59-2	47	47	43	46	4.23	cps
Copper	63-2	373	420	400	398	5.88	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	0	25	31	110.22	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	58	83	83	75	19.24	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6507154	6710148	6420659	6545987	2.27	cps
Holmium	165-2	1941976	1929566	1959213	1943585	0.77	cps
Indium	115-1	5973419	6122039	5955114	6016857	1.52	cps
Indium	115-2	353616	351475	360340	355144	1.30	cps
Iron	56-2	3256	3056	2950	3087	5.03	cps
Iron	57-2	67	100	78	81	20.83	cps
Lead	206-1	667	567	550	594	10.62	cps
Lead	207-1	556	672	506	578	14.80	cps
Lead	208-1	2528	2506	2450	2495	1.61	cps
Lithium	6-1	1106977	1102335	1066008	1091773	2.05	cps
Magnesium	24-2	250	333	300	294	14.25	cps
Manganese	55-2	103	87	117	102	14.70	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:00:53	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	375	342	314	25.09	cps
Molybdenum	95-1	108	133	117	119	10.66	cps
Molybdenum	96-1	167	225	167	186	18.10	cps
Molybdenum	97-1	58	67	75	67	12.49	cps
Molybdenum	98-1	225	200	158	194	17.32	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	293	240	267	10.00	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	3884	4426	4126	4145	6.55	cps
Rhodium	103-1	5824421	5939014	5776769	5846735	1.43	cps
Rhodium	103-2	1885578	1854678	1890091	1876782	1.03	cps
Scandium	45-1	3821799	3965216	3833388	3873468	2.06	cps
Scandium	45-2	39288	38132	40579	39333	3.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-118	-24	1	-47	-133.78	cps
Silicon	28-1	372446	378588	367158	372731	1.53	cps
Silver	109-1	250	225	233	236	5.39	cps
Silver	107-1	342	350	300	331	8.10	cps
Sodium	23-2	10129	10046	10279	10151	1.17	cps
Strontium	86-1	958	750	800	836	13.01	cps
Strontium	88-1	383	558	400	447	21.60	cps
Sulfur	34-1	369332	370272	368915	369506	0.19	cps
Terbium	159-1	6960122	7010899	6894330	6955117	0.84	cps
Terbium	159-2	1902518	1869748	1960860	1911042	2.41	cps
Thallium	203-1	308	233	275	272	13.80	cps
Thallium	205-1	450	658	525	544	19.38	cps
Tin	118-1	1117	1025	950	1031	8.10	cps
Titanium	47-1	200	225	142	189	22.64	cps
Uranium	238-1	50	58	92	67	33.07	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	6477962	6576690	6451880	6502177	1.01	cps
Yttrium	89-2	264116	260352	264175	262881	0.83	cps
Zinc	66-2	67	83	53	68	22.18	cps
Zirconium	90-1	617	708	592	639	9.62	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:00:53	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	158	142	142	11.76	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:07:11	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96780	96159	95530	96156	0.65	cps
Antimony	121-1	123246	126746	122246	124079	1.90	cps
Arsenic	75-2	11922	12146	11976	12015	0.97	cps
Barium	135-1	648126	640816	644058	644333	0.57	cps
Barium	137-1	1125936	1115144	1127442	1122841	0.60	cps
Beryllium	9-1	1550	1839	1511	1633	10.96	cps
Bismuth	209-1	3995601	4027743	4055002	4026115	0.74	cps
Bismuth	209-2	1504710	1499787	1494263	1499587	0.35	cps
Boron	10-1	5485	6193	5660	5779	6.39	cps
Boron	11-1	27394	27018	26425	26946	1.81	cps
Cadmium	111-1	132815	133481	134788	133694	0.75	cps
Cadmium	106-1	13332	13866	13574	13591	1.97	cps
Cadmium	108-1	9249	9074	8982	9102	1.49	cps
Calcium	43-1	3581398	3631663	3521823	3578295	1.54	cps
Calcium	44-1	58602545	58204862	58392924	58400110	0.34	cps
Chromium	52-2	69227	67586	67485	68099	1.44	cps
Cobalt	59-2	36578	35943	36445	36322	0.92	cps
Copper	63-2	304393	302751	304315	303820	0.30	cps
Dysprosium	156-1	21510	21685	22420	21872	2.21	cps
Dysprosium	156-2	6715	6879	6749	6781	1.27	cps
Erbium	164-1	21577	20759	20918	21085	2.06	cps
Erbium	164-2	5975	5778	5621	5791	3.06	cps
Gadolinium	160-1	22320	21978	22412	22237	1.03	cps
Gadolinium	160-2	8293	8209	8369	8291	0.97	cps
Holmium	165-1	6831683	6852218	6774284	6819395	0.59	cps
Holmium	165-2	2020514	1998525	1979421	1999487	1.03	cps
Indium	115-1	6112184	6095831	6070082	6092699	0.35	cps
Indium	115-2	359176	356491	358751	358139	0.40	cps
Iron	56-2	40865225	40723036	40312352	40633537	0.71	cps
Iron	57-2	1027227	1021354	1019748	1022776	0.38	cps
Lead	206-1	9323059	9424256	9377436	9374917	0.54	cps
Lead	207-1	7985576	8011674	7917370	7971540	0.61	cps
Lead	208-1	36871723	37065126	36731706	36889518	0.45	cps
Lithium	6-1	1123386	1123699	1124431	1123839	0.05	cps
Magnesium	24-2	531604	531626	529892	531041	0.19	cps
Manganese	55-2	275951	274803	271316	274023	0.88	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:07:11	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	71513	70868	70148	70843	0.96	cps
Molybdenum	95-1	35330	34570	34487	34796	1.34	cps
Molybdenum	96-1	47000	46907	45712	46539	1.54	cps
Molybdenum	97-1	21910	21894	21217	21674	1.82	cps
Molybdenum	98-1	56259	54611	55389	55420	1.49	cps
Neodymium	150-1	31719	31405	31485	31536	0.52	cps
Neodymium	150-2	5758	5778	5865	5800	0.98	cps
Nickel	60-2	47481	48685	47341	47835	1.54	cps
Phosphorus	31-2	667	633	767	689	10.07	cps
Potassium	39-2	35579	34318	34075	34658	2.33	cps
Rhodium	103-1	5889997	5858936	5812671	5853868	0.66	cps
Rhodium	103-2	1909466	1912267	1895322	1905685	0.48	cps
Scandium	45-1	4067336	4081771	4050326	4066478	0.39	cps
Scandium	45-2	41197	40863	40993	41018	0.41	cps
Selenium	77-2	50	33	63	49	30.75	cps
Selenium	78-2	46	33	44	41	16.96	cps
Selenium	82-1	446	344	444	411	14.19	cps
Silicon	28-1	16010731	15882730	15944123	15945861	0.40	cps
Silver	109-1	7478	7694	7261	7477	2.90	cps
Silver	107-1	7961	8028	8053	8014	0.59	cps
Sodium	23-2	151154	149847	149671	150224	0.54	cps
Strontium	86-1	865554	872660	864127	867447	0.53	cps
Strontium	88-1	7591350	7607727	7488444	7562507	0.86	cps
Sulfur	34-1	411604	409890	414484	411992	0.56	cps
Terbium	159-1	7241472	7173257	7079517	7164749	1.13	cps
Terbium	159-2	1958202	1945473	1936739	1946805	0.55	cps
Thallium	203-1	1900	1850	1617	1789	8.45	cps
Thallium	205-1	4084	4118	4034	4079	1.03	cps
Tin	118-1	124677	126401	126586	125888	0.84	cps
Titanium	47-1	228077	232609	228070	229585	1.14	cps
Uranium	238-1	52671	53508	52520	52900	1.01	cps
Vanadium	51-2	24535	24588	24335	24486	0.55	cps
Yttrium	89-1	7054491	7111944	7010338	7058925	0.72	cps
Yttrium	89-2	284244	283679	282909	283611	0.24	cps
Zinc	66-2	175268	174650	174911	174943	0.18	cps
Zirconium	90-1	145625	145537	144560	145241	0.41	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:07:11	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	31846	31780	31638	31755	0.34	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:10:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90613	90421	90950	90661	0.30	cps
Antimony	121-1	128851	128707	129835	129131	0.48	cps
Arsenic	75-2	12491	12591	12422	12501	0.68	cps
Barium	135-1	564019	561179	555070	560089	0.82	cps
Barium	137-1	971281	961817	964141	965746	0.51	cps
Beryllium	9-1	1339	1561	1428	1443	7.75	cps
Bismuth	209-1	4005027	4005708	3987853	3999530	0.25	cps
Bismuth	209-2	1496263	1476407	1490261	1487643	0.68	cps
Boron	10-1	4984	5034	5084	5034	0.99	cps
Boron	11-1	22485	22276	22502	22421	0.56	cps
Cadmium	111-1	129289	130017	130034	129780	0.33	cps
Cadmium	106-1	13124	13949	13474	13516	3.07	cps
Cadmium	108-1	8545	8540	8570	8551	0.18	cps
Calcium	43-1	3365093	3418287	3369483	3384288	0.87	cps
Calcium	44-1	55786780	55833435	55745847	55788687	0.08	cps
Chromium	52-2	63158	63369	62934	63154	0.34	cps
Cobalt	59-2	36668	36361	36074	36368	0.82	cps
Copper	63-2	329972	329861	328077	329303	0.32	cps
Dysprosium	156-1	22053	22504	23104	22554	2.34	cps
Dysprosium	156-2	6875	6869	7062	6935	1.58	cps
Erbium	164-1	21652	21084	20792	21176	2.06	cps
Erbium	164-2	5711	5465	5668	5615	2.35	cps
Gadolinium	160-1	23605	23029	21736	22790	4.20	cps
Gadolinium	160-2	8316	8596	8710	8541	2.37	cps
Holmium	165-1	6613069	6786292	6716510	6705291	1.30	cps
Holmium	165-2	1960623	1958238	1951584	1956815	0.24	cps
Indium	115-1	6033976	6078981	6081267	6064742	0.44	cps
Indium	115-2	352952	350688	351681	351774	0.32	cps
Iron	56-2	39681822	39312152	39513241	39502405	0.47	cps
Iron	57-2	989319	993019	987042	989793	0.30	cps
Lead	206-1	9045460	8962836	9077280	9028525	0.65	cps
Lead	207-1	7699679	7615770	7624006	7646485	0.60	cps
Lead	208-1	35653531	35386513	35482110	35507385	0.38	cps
Lithium	6-1	1101320	1118324	1123589	1114411	1.04	cps
Magnesium	24-2	494913	498832	492420	495388	0.65	cps
Manganese	55-2	270373	269312	269006	269564	0.27	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:10:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	59046	57724	57508	58093	1.43	cps
Molybdenum	95-1	34896	33968	35255	34706	1.91	cps
Molybdenum	96-1	44491	43705	44023	44073	0.90	cps
Molybdenum	97-1	21726	21927	21360	21671	1.33	cps
Molybdenum	98-1	54962	56368	55473	55601	1.28	cps
Neodymium	150-1	32207	31164	31371	31581	1.75	cps
Neodymium	150-2	6035	5781	6011	5943	2.36	cps
Nickel	60-2	48063	47932	46554	47516	1.76	cps
Phosphorus	31-2	767	742	850	786	7.22	cps
Potassium	39-2	32622	31662	32321	32202	1.53	cps
Rhodium	103-1	5756827	5857478	5809620	5807975	0.87	cps
Rhodium	103-2	1891071	1873228	1875042	1879780	0.52	cps
Scandium	45-1	3970646	4005920	4029131	4001899	0.74	cps
Scandium	45-2	40060	39877	40425	40121	0.70	cps
Selenium	77-2	43	33	17	31	43.29	cps
Selenium	78-2	37	20	31	30	28.65	cps
Selenium	82-1	480	429	469	459	5.82	cps
Silicon	28-1	9498560	9503850	9428084	9476831	0.45	cps
Silver	109-1	6527	6427	6444	6466	0.83	cps
Silver	107-1	7102	7052	7119	7091	0.49	cps
Sodium	23-2	135161	133975	131722	133619	1.31	cps
Strontium	86-1	815140	811100	816284	814175	0.33	cps
Strontium	88-1	7032632	7118765	7147667	7099688	0.84	cps
Sulfur	34-1	414621	413910	415372	414634	0.18	cps
Terbium	159-1	7029919	7067284	7096694	7064632	0.47	cps
Terbium	159-2	1931065	1902730	1896012	1909936	0.97	cps
Thallium	203-1	1333	1367	1442	1381	4.02	cps
Thallium	205-1	3651	3576	3276	3501	5.67	cps
Tin	118-1	125341	123364	122734	123813	1.10	cps
Titanium	47-1	228648	226859	230364	228623	0.77	cps
Uranium	238-1	50864	50353	50453	50557	0.54	cps
Vanadium	51-2	23463	23894	23850	23736	1.00	cps
Yttrium	89-1	6883948	6980499	7084496	6982981	1.44	cps
Yttrium	89-2	280412	276549	277218	278060	0.74	cps
Zinc	66-2	171101	170189	169613	170301	0.44	cps
Zirconium	90-1	108321	107717	105381	107140	1.45	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:10:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	24548	24949	24157	24551	1.61	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-14 14:13:22	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18771	19089	18479	18780	1.62	cps
Antimony	121-1	22670	23338	24357	23455	3.62	cps
Arsenic	75-2	2297	2430	2250	2326	4.01	cps
Barium	135-1	124910	125742	125634	125429	0.36	cps
Barium	137-1	215039	217454	216968	216487	0.59	cps
Beryllium	9-1	378	428	378	394	7.32	cps
Bismuth	209-1	4005004	4012059	3978591	3998551	0.44	cps
Bismuth	209-2	1535391	1530170	1497138	1520900	1.36	cps
Boron	10-1	1942	2084	1967	1997	3.79	cps
Boron	11-1	8811	9387	9220	9139	3.24	cps
Cadmium	111-1	26944	27090	27254	27096	0.57	cps
Cadmium	106-1	3976	3667	3917	3854	4.25	cps
Cadmium	108-1	1913	1633	1692	1746	8.44	cps
Calcium	43-1	675923	685874	679233	680344	0.74	cps
Calcium	44-1	11207453	11264259	11221058	11230924	0.26	cps
Chromium	52-2	14431	13877	13947	14085	2.14	cps
Cobalt	59-2	7182	7075	7075	7111	0.87	cps
Copper	63-2	60765	59986	60675	60475	0.71	cps
Dysprosium	156-1	4418	4251	4318	4329	1.94	cps
Dysprosium	156-2	1187	1290	1360	1279	6.82	cps
Erbium	164-1	3909	3909	4126	3981	3.14	cps
Erbium	164-2	1173	1073	1137	1128	4.49	cps
Gadolinium	160-1	4376	4409	4301	4362	1.27	cps
Gadolinium	160-2	1597	1513	1650	1587	4.34	cps
Holmium	165-1	6700835	6663376	6737013	6700408	0.55	cps
Holmium	165-2	2007113	2008823	1967698	1994544	1.17	cps
Indium	115-1	6086057	6141611	6088487	6105385	0.51	cps
Indium	115-2	363646	367153	351662	360820	2.25	cps
Iron	56-2	7986610	7990038	7931617	7969422	0.41	cps
Iron	57-2	200493	200155	200623	200424	0.12	cps
Lead	206-1	1880906	1857134	1882185	1873408	0.75	cps
Lead	207-1	1515070	1515706	1510781	1513852	0.18	cps
Lead	208-1	7239017	7231130	7229692	7233280	0.07	cps
Lithium	6-1	1101867	1121636	1101659	1108387	1.04	cps
Magnesium	24-2	103450	101839	101888	102392	0.89	cps
Manganese	55-2	54425	54001	53442	53956	0.91	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-14 14:13:22	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13190	13733	13274	13399	2.18	cps
Molybdenum	95-1	6460	6752	7277	6830	6.06	cps
Molybdenum	96-1	8820	9162	9153	9045	2.16	cps
Molybdenum	97-1	4301	4276	4676	4418	5.07	cps
Molybdenum	98-1	10655	10897	11030	10860	1.75	cps
Neodymium	150-1	6355	6068	6015	6146	2.98	cps
Neodymium	150-2	1190	1083	1230	1168	6.49	cps
Nickel	60-2	9303	9660	9333	9432	2.10	cps
Phosphorus	31-2	117	67	125	103	30.70	cps
Potassium	39-2	9679	9654	9237	9523	2.61	cps
Rhodium	103-1	5863126	5864284	5945324	5890911	0.80	cps
Rhodium	103-2	1958405	1932320	1885355	1925360	1.92	cps
Scandium	45-1	3972273	4015823	3997999	3995365	0.55	cps
Scandium	45-2	40308	40485	39766	40186	0.93	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	13	2	11	9	68.90	cps
Selenium	82-1	-19	95	21	32	180.20	cps
Silicon	28-1	3430462	3462460	3390644	3427856	1.05	cps
Silver	109-1	1617	1542	1659	1606	3.68	cps
Silver	107-1	1775	1817	1634	1742	5.52	cps
Sodium	23-2	35871	34927	34660	35153	1.81	cps
Strontium	86-1	166968	170991	169480	169147	1.20	cps
Strontium	88-1	1472267	1482609	1518071	1490983	1.61	cps
Sulfur	34-1	378150	382874	382059	381028	0.66	cps
Terbium	159-1	7039850	7093431	7034994	7056092	0.46	cps
Terbium	159-2	1965648	1956381	1892068	1938032	2.07	cps
Thallium	203-1	367	242	342	317	20.89	cps
Thallium	205-1	667	725	667	686	4.91	cps
Tin	118-1	25316	25809	24891	25339	1.81	cps
Titanium	47-1	44589	44221	45324	44711	1.26	cps
Uranium	238-1	9596	10705	10246	10182	5.47	cps
Vanadium	51-2	4831	4604	4824	4753	2.71	cps
Yttrium	89-1	6646701	6701353	6686795	6678283	0.42	cps
Yttrium	89-2	274545	274441	266352	271779	1.73	cps
Zinc	66-2	34630	34486	33845	34320	1.22	cps
Zirconium	90-1	27663	27596	27295	27518	0.71	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-14 14:13:22	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7682	5743	5968	6465	16.40	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:16:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94262	95806	95613	95227	0.88	cps
Antimony	121-1	286097	288770	284463	286443	0.76	cps
Arsenic	75-2	13014	13040	12865	12973	0.72	cps
Barium	135-1	1338497	1342120	1348552	1343056	0.38	cps
Barium	137-1	2356091	2366872	2370198	2364387	0.31	cps
Beryllium	9-1	14680	14574	15047	14767	1.68	cps
Bismuth	209-1	4008843	4031641	4107019	4049167	1.27	cps
Bismuth	209-2	1487376	1481939	1367265	1445527	4.69	cps
Boron	10-1	4618	4868	4709	4732	2.67	cps
Boron	11-1	21617	21634	21158	21470	1.26	cps
Cadmium	111-1	147180	146494	146227	146634	0.34	cps
Cadmium	106-1	15151	15026	14917	15031	0.78	cps
Cadmium	108-1	9650	9816	9916	9794	1.38	cps
Calcium	43-1	3340134	3366292	3348423	3351616	0.40	cps
Calcium	44-1	54709730	54895472	54454776	54686660	0.40	cps
Chromium	52-2	106941	106266	107495	106901	0.58	cps
Cobalt	59-2	268591	268917	269516	269008	0.17	cps
Copper	63-2	422682	420541	422375	421866	0.27	cps
Dysprosium	156-1	23297	23330	22979	23202	0.83	cps
Dysprosium	156-2	7282	7032	7095	7137	1.82	cps
Erbium	164-1	21928	21560	21702	21730	0.85	cps
Erbium	164-2	5938	5868	5948	5918	0.74	cps
Gadolinium	160-1	23823	23238	22963	23341	1.88	cps
Gadolinium	160-2	8823	8346	8746	8639	2.96	cps
Holmium	165-1	6799758	6859664	6842354	6833925	0.45	cps
Holmium	165-2	1974590	1961905	1798253	1911583	5.15	cps
Indium	115-1	6103235	6102002	6060318	6088518	0.40	cps
Indium	115-2	353722	349718	320888	341443	5.25	cps
Iron	56-2	39711019	39268248	39428612	39469293	0.57	cps
Iron	57-2	990208	989868	990428	990168	0.03	cps
Lead	206-1	9287301	9313503	9442617	9347807	0.89	cps
Lead	207-1	7960119	7997203	7968226	7975183	0.24	cps
Lead	208-1	36649337	36491195	36851761	36664098	0.49	cps
Lithium	6-1	1113023	1102811	1113999	1109944	0.56	cps
Magnesium	24-2	489389	491006	490271	490222	0.17	cps
Manganese	55-2	297937	295267	298157	297120	0.54	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:16:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	75149	73734	73592	74158	1.16	cps
Molybdenum	95-1	31346	31872	31721	31646	0.86	cps
Molybdenum	96-1	43337	44441	43981	43919	1.26	cps
Molybdenum	97-1	20491	20274	20191	20319	0.76	cps
Molybdenum	98-1	50211	51398	51498	51036	1.40	cps
Neodymium	150-1	32868	31779	31465	32038	2.30	cps
Neodymium	150-2	6021	5665	5858	5848	3.05	cps
Nickel	60-2	113260	113078	113716	113351	0.29	cps
Phosphorus	31-2	800	758	825	795	4.24	cps
Potassium	39-2	32814	31996	31879	32229	1.58	cps
Rhodium	103-1	5858626	5822601	5845873	5842366	0.31	cps
Rhodium	103-2	1878342	1878154	1684094	1813530	6.18	cps
Scandium	45-1	4049343	4000194	4007462	4019000	0.66	cps
Scandium	45-2	39749	39519	36411	38560	4.83	cps
Selenium	77-2	53	47	60	53	12.50	cps
Selenium	78-2	113	119	119	117	2.75	cps
Selenium	82-1	2851	2826	2921	2866	1.72	cps
Silicon	28-1	15207741	15318366	14986557	15170888	1.11	cps
Silver	109-1	87358	85789	86981	86709	0.94	cps
Silver	107-1	91997	91226	91157	91460	0.51	cps
Sodium	23-2	133910	135168	134111	134396	0.50	cps
Strontium	86-1	825874	830318	830188	828793	0.31	cps
Strontium	88-1	7257980	7249505	7185824	7231103	0.55	cps
Sulfur	34-1	410163	411016	410766	410648	0.11	cps
Terbium	159-1	7144066	7184388	7239300	7189251	0.66	cps
Terbium	159-2	1926490	1931036	1760902	1872809	5.18	cps
Thallium	203-1	58126	56861	58402	57796	1.42	cps
Thallium	205-1	135542	135339	138423	136435	1.26	cps
Tin	118-1	116690	118084	117537	117437	0.60	cps
Titanium	47-1	231366	232619	232924	232303	0.36	cps
Uranium	238-1	51106	51391	51474	51324	0.38	cps
Vanadium	51-2	105544	105376	106249	105723	0.44	cps
Yttrium	89-1	6996599	7019256	6998161	7004672	0.18	cps
Yttrium	89-2	279214	279997	255338	271516	5.16	cps
Zinc	66-2	183978	182266	182661	182969	0.49	cps
Zirconium	90-1	153517	153492	153853	153621	0.13	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:16:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	34344	33785	33576	33902	1.17	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:19:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4884	4801	4859	4848	0.88	cps
Antimony	121-1	6227	6193	6185	6202	0.36	cps
Arsenic	75-2	524	580	600	568	6.92	cps
Barium	135-1	31489	31338	31422	31416	0.24	cps
Barium	137-1	53668	54739	55853	54753	1.99	cps
Beryllium	9-1	178	156	172	169	6.86	cps
Bismuth	209-1	3932983	4015253	3979741	3975992	1.04	cps
Bismuth	209-2	1493230	1529330	1525406	1515989	1.31	cps
Boron	10-1	1175	1433	1192	1267	11.42	cps
Boron	11-1	5843	5451	5376	5557	4.51	cps
Cadmium	111-1	7427	8056	7513	7665	4.45	cps
Cadmium	106-1	1967	2225	1892	2028	8.62	cps
Cadmium	108-1	413	446	442	433	4.19	cps
Calcium	43-1	172439	173202	170286	171976	0.88	cps
Calcium	44-1	2855504	2907997	2875443	2879648	0.92	cps
Chromium	52-2	4134	4307	3981	4141	3.95	cps
Cobalt	59-2	1747	1737	1907	1797	5.31	cps
Copper	63-2	15469	15579	15999	15682	1.79	cps
Dysprosium	156-1	1075	1133	967	1058	7.99	cps
Dysprosium	156-2	290	333	320	314	7.06	cps
Erbium	164-1	1017	1050	1017	1028	1.87	cps
Erbium	164-2	273	323	267	288	10.76	cps
Gadolinium	160-1	1133	983	967	1028	8.93	cps
Gadolinium	160-2	493	457	343	431	18.14	cps
Holmium	165-1	6620073	6677383	6740846	6679434	0.90	cps
Holmium	165-2	1965357	2013102	2014913	1997790	1.41	cps
Indium	115-1	5956464	6112798	6095890	6055051	1.42	cps
Indium	115-2	355147	362302	364256	360568	1.33	cps
Iron	56-2	2007950	2046042	2069366	2041119	1.52	cps
Iron	57-2	49494	50514	50146	50051	1.03	cps
Lead	206-1	449729	454759	450534	451674	0.60	cps
Lead	207-1	377019	386349	380805	381391	1.23	cps
Lead	208-1	1756038	1779033	1763512	1766194	0.66	cps
Lithium	6-1	1083274	1120587	1119726	1107862	1.92	cps
Magnesium	24-2	25457	25674	26668	25933	2.49	cps
Manganese	55-2	13437	13477	13624	13512	0.73	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:19:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3259	3717	3467	3481	6.59	cps
Molybdenum	95-1	1617	1725	1692	1678	3.31	cps
Molybdenum	96-1	2309	2300	2317	2309	0.36	cps
Molybdenum	97-1	1175	1225	1325	1242	6.15	cps
Molybdenum	98-1	2709	2575	2834	2706	4.78	cps
Neodymium	150-1	1634	1587	1407	1542	7.76	cps
Neodymium	150-2	287	290	317	298	5.52	cps
Nickel	60-2	2644	2744	2660	2683	2.00	cps
Phosphorus	31-2	108	33	50	64	61.65	cps
Potassium	39-2	5043	4934	4951	4976	1.17	cps
Rhodium	103-1	5828351	5918628	5835261	5860747	0.86	cps
Rhodium	103-2	1870931	1953384	1945788	1923367	2.37	cps
Scandium	45-1	3947850	4007182	3923589	3959540	1.09	cps
Scandium	45-2	39018	40676	39943	39879	2.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-1	-51	-39	-30	-86.94	cps
Silicon	28-1	1193847	1193840	1195610	1194432	0.09	cps
Silver	109-1	917	700	650	756	18.76	cps
Silver	107-1	992	850	833	892	9.76	cps
Sodium	23-2	13390	13882	13907	13727	2.12	cps
Strontium	86-1	41514	43027	43680	42740	2.60	cps
Strontium	88-1	364426	367455	367906	366595	0.52	cps
Sulfur	34-1	377294	374781	376334	376137	0.34	cps
Terbium	159-1	6896698	6978281	6911059	6928679	0.63	cps
Terbium	159-2	1932728	1940036	1968776	1947180	0.98	cps
Thallium	203-1	108	167	125	133	22.53	cps
Thallium	205-1	342	400	350	364	8.67	cps
Tin	118-1	6919	6702	7294	6972	4.30	cps
Titanium	47-1	11272	11288	11038	11199	1.25	cps
Uranium	238-1	2784	2750	2992	2842	4.61	cps
Vanadium	51-2	1187	1217	1173	1192	1.86	cps
Yttrium	89-1	6550207	6705832	6636796	6630945	1.18	cps
Yttrium	89-2	264656	270816	271769	269080	1.43	cps
Zinc	66-2	8553	8800	8910	8754	2.09	cps
Zirconium	90-1	7077	7411	7094	7194	2.61	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:19:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1725	1700	1659	1695	1.99	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:22:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4801	4476	4276	4518	5.87	cps
Antimony	121-1	6435	6569	6727	6577	2.22	cps
Arsenic	75-2	557	596	696	617	11.62	cps
Barium	135-1	27028	28039	27229	27432	1.95	cps
Barium	137-1	47704	49711	48573	48663	2.07	cps
Beryllium	9-1	167	161	156	161	3.45	cps
Bismuth	209-1	3944265	3948268	3852346	3914959	1.39	cps
Bismuth	209-2	1513781	1533166	1522062	1523003	0.64	cps
Boron	10-1	1083	1117	1150	1117	2.98	cps
Boron	11-1	5243	4951	4834	5009	4.20	cps
Cadmium	111-1	7626	7710	7619	7652	0.66	cps
Cadmium	106-1	2159	2225	2109	2164	2.71	cps
Cadmium	108-1	421	433	400	418	4.03	cps
Calcium	43-1	171647	171038	168111	170265	1.11	cps
Calcium	44-1	2877795	2847125	2861062	2861994	0.54	cps
Chromium	52-2	4124	3991	4011	4042	1.78	cps
Cobalt	59-2	1994	1887	1857	1912	3.76	cps
Copper	63-2	17351	17411	17071	17278	1.05	cps
Dysprosium	156-1	1142	1100	1083	1108	2.71	cps
Dysprosium	156-2	370	387	370	376	2.56	cps
Erbium	164-1	1017	1167	1108	1097	6.89	cps
Erbium	164-2	267	353	260	293	17.75	cps
Gadolinium	160-1	1133	1200	1117	1150	3.84	cps
Gadolinium	160-2	397	430	480	436	9.63	cps
Holmium	165-1	6636919	6730429	6571611	6646320	1.20	cps
Holmium	165-2	1987576	2006675	1980894	1991715	0.67	cps
Indium	115-1	6088010	6112227	5955951	6052063	1.39	cps
Indium	115-2	360809	361496	358801	360368	0.39	cps
Iron	56-2	2087234	2068140	2056448	2070607	0.75	cps
Iron	57-2	50838	51373	50252	50821	1.10	cps
Lead	206-1	443242	448260	438790	443431	1.07	cps
Lead	207-1	376719	375241	372327	374762	0.60	cps
Lead	208-1	1742890	1746582	1721565	1737013	0.78	cps
Lithium	6-1	1110329	1092579	1070853	1091254	1.81	cps
Magnesium	24-2	26376	25173	25090	25546	2.82	cps
Manganese	55-2	14014	13894	13720	13876	1.06	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:22:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3017	3267	2892	3059	6.24	cps
Molybdenum	95-1	1700	1734	1492	1642	7.98	cps
Molybdenum	96-1	2267	2017	2017	2100	6.87	cps
Molybdenum	97-1	1258	1050	1275	1195	10.50	cps
Molybdenum	98-1	2609	2784	2850	2748	4.54	cps
Neodymium	150-1	1667	1714	1654	1678	1.88	cps
Neodymium	150-2	273	290	253	272	6.74	cps
Nickel	60-2	2744	2680	2697	2707	1.21	cps
Phosphorus	31-2	33	50	75	53	39.75	cps
Potassium	39-2	5168	4751	5001	4973	4.22	cps
Rhodium	103-1	5826955	5886150	5795480	5836195	0.79	cps
Rhodium	103-2	1890235	1929670	1916632	1912179	1.05	cps
Scandium	45-1	3963928	3942403	3865866	3924066	1.31	cps
Scandium	45-2	39973	39863	39880	39906	0.15	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	11	4	6	69.34	cps
Selenium	82-1	53	87	-88	17	545.21	cps
Silicon	28-1	917725	922101	902238	914021	1.14	cps
Silver	109-1	567	683	767	672	14.95	cps
Silver	107-1	800	775	817	797	2.63	cps
Sodium	23-2	12823	12589	12339	12584	1.92	cps
Strontium	86-1	41564	41898	41172	41545	0.88	cps
Strontium	88-1	355437	354419	352352	354069	0.44	cps
Sulfur	34-1	379036	380505	378415	379319	0.28	cps
Terbium	159-1	7082006	7034055	6859518	6991860	1.67	cps
Terbium	159-2	1957895	1945572	1942077	1948515	0.43	cps
Thallium	203-1	175	183	108	156	26.43	cps
Thallium	205-1	292	375	350	339	12.62	cps
Tin	118-1	7194	7336	7402	7311	1.46	cps
Titanium	47-1	11680	11580	11547	11603	0.60	cps
Uranium	238-1	2725	2584	2450	2587	5.32	cps
Vanadium	51-2	1100	1100	1303	1168	10.05	cps
Yttrium	89-1	6570796	6581422	6481777	6544665	0.84	cps
Yttrium	89-2	271283	271664	268822	270590	0.57	cps
Zinc	66-2	9046	8756	8996	8933	1.74	cps
Zirconium	90-1	5518	5410	5651	5526	2.19	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2D	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:22:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1225	1267	1400	1297	7.05	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-14 14:25:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	900	958	920	3.66	cps
Antimony	121-1	1342	1333	1158	1278	8.10	cps
Arsenic	75-2	113	130	130	124	7.76	cps
Barium	135-1	5977	5877	5860	5904	1.07	cps
Barium	137-1	10146	10371	10430	10316	1.45	cps
Beryllium	9-1	139	167	139	148	10.83	cps
Bismuth	209-1	3895547	3865200	3874557	3878434	0.40	cps
Bismuth	209-2	1507763	1503259	1493518	1501513	0.48	cps
Boron	10-1	775	775	792	781	1.23	cps
Boron	11-1	4001	3451	3617	3690	7.65	cps
Cadmium	111-1	2188	2300	2262	2250	2.54	cps
Cadmium	106-1	1425	1492	1559	1492	4.47	cps
Cadmium	108-1	133	88	71	97	33.29	cps
Calcium	43-1	36189	35362	35922	35824	1.18	cps
Calcium	44-1	594608	588710	590807	591375	0.51	cps
Chromium	52-2	1703	1543	1517	1588	6.36	cps
Cobalt	59-2	400	457	487	448	9.83	cps
Copper	63-2	3461	3350	3404	3405	1.62	cps
Dysprosium	156-1	200	200	225	208	6.93	cps
Dysprosium	156-2	90	37	133	87	55.87	cps
Erbium	164-1	225	250	183	219	15.35	cps
Erbium	164-2	57	43	57	52	14.75	cps
Gadolinium	160-1	258	242	267	256	4.98	cps
Gadolinium	160-2	70	83	87	80	11.03	cps
Holmium	165-1	6593760	6449822	6524564	6522715	1.10	cps
Holmium	165-2	2000319	1963945	1988244	1984169	0.93	cps
Indium	115-1	5918511	5950843	6003203	5957519	0.72	cps
Indium	115-2	359477	359422	357635	358845	0.29	cps
Iron	56-2	390396	388532	389329	389419	0.24	cps
Iron	57-2	10226	9781	9626	9878	3.15	cps
Lead	206-1	88362	87556	88249	88056	0.50	cps
Lead	207-1	74138	72607	73540	73428	1.05	cps
Lead	208-1	344865	341859	343619	343448	0.44	cps
Lithium	6-1	1106754	1089638	1107436	1101276	0.92	cps
Magnesium	24-2	4909	5410	5668	5329	7.24	cps
Manganese	55-2	2737	2670	2627	2678	2.07	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-14 14:25:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	883	933	1000	939	6.24	cps
Molybdenum	95-1	333	308	425	356	17.28	cps
Molybdenum	96-1	600	525	475	533	11.80	cps
Molybdenum	97-1	358	250	317	308	17.72	cps
Molybdenum	98-1	542	575	508	542	6.15	cps
Neodymium	150-1	300	320	313	311	3.27	cps
Neodymium	150-2	60	63	53	59	8.65	cps
Nickel	60-2	740	700	697	712	3.39	cps
Phosphorus	31-2	17	42	33	31	41.66	cps
Potassium	39-2	3601	4134	4009	3915	7.13	cps
Rhodium	103-1	5820439	5777917	5767678	5788678	0.48	cps
Rhodium	103-2	1933105	1903081	1878094	1904760	1.45	cps
Scandium	45-1	3906748	3942412	3876201	3908454	0.85	cps
Scandium	45-2	39098	40208	39716	39674	1.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	-50	27	-11	-11	-341.33	cps
Silicon	28-1	547687	541047	548494	545743	0.75	cps
Silver	109-1	342	300	383	342	12.19	cps
Silver	107-1	492	267	408	389	29.25	cps
Sodium	23-2	8278	7944	7661	7961	3.88	cps
Strontium	86-1	9062	9003	9262	9109	1.49	cps
Strontium	88-1	72619	71337	72619	72192	1.03	cps
Sulfur	34-1	380592	380541	376227	379120	0.66	cps
Terbium	159-1	6893162	6838381	6804770	6845438	0.65	cps
Terbium	159-2	1945565	1936465	1902367	1928132	1.18	cps
Thallium	203-1	117	133	142	131	9.75	cps
Thallium	205-1	242	317	250	269	15.26	cps
Tin	118-1	1950	2217	2134	2100	6.50	cps
Titanium	47-1	2200	2300	2209	2236	2.48	cps
Uranium	238-1	675	483	525	561	17.97	cps
Vanadium	51-2	247	207	297	250	18.04	cps
Yttrium	89-1	6594175	6557272	6502102	6551183	0.71	cps
Yttrium	89-2	267261	266673	264567	266167	0.53	cps
Zinc	66-2	1837	1827	1850	1838	0.64	cps
Zirconium	90-1	1684	1959	1759	1800	7.90	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	MC0AH2L	Dilution Factor :	100
Date & Time Acquired ::	2017-08-14 14:25:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	358	433	394	9.53	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:28:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4784	4826	5059	4890	3.03	cps
Antimony	121-1	14133	13332	13891	13786	2.98	cps
Arsenic	75-2	609	626	680	638	5.76	cps
Barium	135-1	63571	62473	65219	63754	2.17	cps
Barium	137-1	110258	108417	108753	109143	0.90	cps
Beryllium	9-1	817	711	928	819	13.24	cps
Bismuth	209-1	3872948	3871821	3879452	3874740	0.11	cps
Bismuth	209-2	1504461	1499448	1508217	1504042	0.29	cps
Boron	10-1	942	933	1000	958	3.79	cps
Boron	11-1	4109	4001	4142	4084	1.81	cps
Cadmium	111-1	7932	8385	7876	8064	3.46	cps
Cadmium	106-1	2059	2267	2059	2128	5.65	cps
Cadmium	108-1	504	458	429	464	8.15	cps
Calcium	43-1	161375	162888	161216	161826	0.57	cps
Calcium	44-1	2750093	2729302	2750562	2743319	0.44	cps
Chromium	52-2	6492	6295	6038	6275	3.62	cps
Cobalt	59-2	13323	13120	12910	13117	1.58	cps
Copper	63-2	21650	21327	21273	21417	0.95	cps
Dysprosium	156-1	1167	1175	1233	1192	3.05	cps
Dysprosium	156-2	400	397	353	383	6.79	cps
Erbium	164-1	1058	1192	1033	1095	7.78	cps
Erbium	164-2	233	330	317	293	17.86	cps
Gadolinium	160-1	1092	1275	1100	1156	8.96	cps
Gadolinium	160-2	450	430	370	417	9.99	cps
Holmium	165-1	6499322	6556566	6405216	6487034	1.18	cps
Holmium	165-2	1965168	1977837	1976750	1973252	0.36	cps
Indium	115-1	6009337	6004764	5907338	5973813	0.96	cps
Indium	115-2	359554	359448	358859	359287	0.10	cps
Iron	56-2	1998534	1986452	1984325	1989770	0.39	cps
Iron	57-2	48485	48306	48585	48458	0.29	cps
Lead	206-1	437332	433211	438247	436263	0.62	cps
Lead	207-1	368376	364583	368211	367057	0.58	cps
Lead	208-1	1711380	1695061	1720376	1708939	0.75	cps
Lithium	6-1	1077406	1092572	1098110	1089363	0.98	cps
Magnesium	24-2	24714	23929	24948	24530	2.18	cps
Manganese	55-2	14935	14765	15305	15002	1.84	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:28:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3476	3701	3426	3534	4.15	cps
Molybdenum	95-1	1358	1483	1467	1436	4.73	cps
Molybdenum	96-1	2042	1909	2459	2136	13.43	cps
Molybdenum	97-1	1042	1025	967	1011	3.90	cps
Molybdenum	98-1	2675	2409	2584	2556	5.30	cps
Neodymium	150-1	1400	1500	1613	1505	7.09	cps
Neodymium	150-2	323	260	297	293	10.84	cps
Nickel	60-2	5858	5741	5961	5854	1.88	cps
Phosphorus	31-2	42	42	67	50	28.87	cps
Potassium	39-2	4943	5410	5285	5212	4.64	cps
Rhodium	103-1	5800724	5811223	5809785	5807244	0.10	cps
Rhodium	103-2	1884444	1862948	1894847	1880746	0.86	cps
Scandium	45-1	3903351	3920853	3889001	3904402	0.41	cps
Scandium	45-2	40308	40461	39472	40080	1.33	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	4	19	7	10	78.08	cps
Selenium	82-1	25	184	139	116	70.68	cps
Silicon	28-1	1190238	1139961	1161163	1163787	2.17	cps
Silver	109-1	4176	4626	4593	4465	5.62	cps
Silver	107-1	4793	4284	4576	4551	5.61	cps
Sodium	23-2	12122	12740	12223	12361	2.68	cps
Strontium	86-1	39684	41113	39776	40191	1.99	cps
Strontium	88-1	342741	343430	346026	344066	0.50	cps
Sulfur	34-1	383388	381390	383041	382606	0.28	cps
Terbium	159-1	6880100	6848977	6818127	6849068	0.45	cps
Terbium	159-2	1930967	1925951	1929294	1928737	0.13	cps
Thallium	203-1	2959	3017	2692	2889	6.00	cps
Thallium	205-1	6677	6494	6769	6647	2.11	cps
Tin	118-1	6660	6352	6385	6466	2.62	cps
Titanium	47-1	11338	11772	11597	11569	1.89	cps
Uranium	238-1	2459	2325	2592	2459	5.42	cps
Vanadium	51-2	5101	5204	5071	5125	1.36	cps
Yttrium	89-1	6422783	6494452	6495594	6470943	0.64	cps
Yttrium	89-2	268448	267782	268051	268094	0.12	cps
Zinc	66-2	9243	9193	9387	9274	1.08	cps
Zirconium	90-1	7227	7678	7135	7347	3.95	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	I4690-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MC0AH2S	Dilution Factor :	20
Date & Time Acquired ::	2017-08-14 14:28:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1634	1675	1650	1653	1.27	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:32:06	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	358	250	319	18.87	cps
Antimony	121-1	32131	32140	33343	32538	2.14	cps
Arsenic	75-2	283	243	267	264	7.75	cps
Barium	135-1	32800	32324	33243	32789	1.40	cps
Barium	137-1	57008	57803	57090	57300	0.76	cps
Beryllium	9-1	2734	2773	2939	2815	3.88	cps
Bismuth	209-1	3845009	3963693	3873136	3893946	1.59	cps
Bismuth	209-2	1492205	1466492	1370823	1443173	4.43	cps
Boron	10-1	7844	8053	8011	7969	1.38	cps
Boron	11-1	36631	36890	36715	36745	0.36	cps
Cadmium	111-1	4616	4672	4840	4709	2.48	cps
Cadmium	106-1	1717	1817	1825	1786	3.38	cps
Cadmium	108-1	267	233	233	244	7.87	cps
Calcium	43-1	21651	22920	22561	22377	2.92	cps
Calcium	44-1	371766	372055	369017	370946	0.45	cps
Chromium	52-2	5685	5228	5578	5497	4.35	cps
Cobalt	59-2	4598	4838	4901	4779	3.35	cps
Copper	63-2	7936	8523	8476	8312	3.93	cps
Dysprosium	156-1	25	33	25	28	17.33	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6467938	6638035	6479769	6528581	1.45	cps
Holmium	165-2	1963010	1930247	1786134	1893130	4.97	cps
Indium	115-1	5928176	6012041	5909027	5949748	0.92	cps
Indium	115-2	359743	355621	325682	347015	5.36	cps
Iron	56-2	294063	292072	297166	294434	0.87	cps
Iron	57-2	7441	7224	7524	7397	2.09	cps
Lead	206-1	9426	10088	9737	9750	3.40	cps
Lead	207-1	8826	8970	8609	8801	2.07	cps
Lead	208-1	38897	40994	39125	39672	2.90	cps
Lithium	6-1	1087379	1091733	1096435	1091849	0.41	cps
Magnesium	24-2	37893	36957	36899	37250	1.50	cps
Manganese	55-2	710	660	700	690	3.83	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:32:06	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29124	30385	29525	29678	2.17	cps
Molybdenum	95-1	35380	35665	37035	36027	2.46	cps
Molybdenum	96-1	39659	40929	40035	40208	1.62	cps
Molybdenum	97-1	22903	22937	22820	22887	0.26	cps
Molybdenum	98-1	58611	57506	57079	57732	1.37	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1693	1730	1580	1668	4.69	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	26843	26793	27419	27018	1.29	cps
Rhodium	103-1	5783182	5961335	5790598	5845039	1.72	cps
Rhodium	103-2	1909520	1900724	1722989	1844411	5.71	cps
Scandium	45-1	3890712	4009817	3889306	3929945	1.76	cps
Scandium	45-2	39489	39887	36087	38488	5.43	cps
Selenium	77-2	0	13	23	12	95.78	cps
Selenium	78-2	54	35	44	44	20.82	cps
Selenium	82-1	1173	1206	1189	1189	1.35	cps
Silicon	28-1	460318	460824	460229	460457	0.07	cps
Silver	109-1	17295	17637	17437	17457	0.98	cps
Silver	107-1	18213	18706	18371	18430	1.36	cps
Sodium	23-2	97247	96175	96275	96565	0.61	cps
Strontium	86-1	5576	5643	5793	5671	1.96	cps
Strontium	88-1	41656	42484	42375	42172	1.07	cps
Sulfur	34-1	384002	378002	378106	380037	0.90	cps
Terbium	159-1	6895039	6933386	6772862	6867096	1.22	cps
Terbium	159-2	1914951	1890884	1745271	1850368	4.96	cps
Thallium	203-1	10730	10588	10613	10644	0.71	cps
Thallium	205-1	25234	25852	26161	25749	1.83	cps
Tin	118-1	58010	56838	57273	57374	1.03	cps
Titanium	47-1	10513	10646	10613	10591	0.66	cps
Uranium	238-1	31065	31057	30622	30915	0.82	cps
Vanadium	51-2	7929	7996	8413	8112	3.23	cps
Yttrium	89-1	6452124	6569762	6468604	6496830	0.98	cps
Yttrium	89-2	266426	261000	242711	256712	4.84	cps
Zinc	66-2	773	827	757	786	4.66	cps
Zirconium	90-1	25525	26126	25199	25617	1.83	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	PB101451BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:32:06	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5918	5718	5410	5682	4.51	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P8
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:40:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420059	424476	416397	420311	0.96	cps
Antimony	121-1	4697972	4672721	4673411	4681368	0.31	cps
Arsenic	75-2	68412	69356	68896	68888	0.68	cps
Barium	135-1	4774943	4768538	4804496	4782659	0.40	cps
Barium	137-1	8140370	8211497	8256898	8202922	0.72	cps
Beryllium	9-1	744614	754464	751816	750298	0.68	cps
Bismuth	209-1	3942574	4002128	4022343	3989015	1.04	cps
Bismuth	209-2	1450084	1465067	1459606	1458252	0.52	cps
Boron	10-1	90065	91567	94610	92081	2.52	cps
Boron	11-1	414155	421789	428999	421648	1.76	cps
Cadmium	111-1	979892	989865	986640	985466	0.52	cps
Cadmium	106-1	102605	104570	103714	103629	0.95	cps
Cadmium	108-1	69386	69198	69997	69527	0.60	cps
Calcium	43-1	5473472	5532178	5527569	5511073	0.59	cps
Calcium	44-1	90905015	91584083	90504704	90997934	0.60	cps
Chromium	52-2	573416	576236	582524	577392	0.81	cps
Cobalt	59-2	1173884	1186516	1184464	1181621	0.57	cps
Copper	63-2	2031095	2017361	2014954	2021137	0.43	cps
Dysprosium	156-1	117	192	225	178	31.21	cps
Dysprosium	156-2	30	37	27	31	16.37	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	23	40	13	26	52.73	cps
Gadolinium	160-1	183	125	150	153	19.15	cps
Gadolinium	160-2	50	63	50	54	14.14	cps
Holmium	165-1	7038631	6994002	7047645	7026759	0.41	cps
Holmium	165-2	2010146	2005625	2014258	2010010	0.21	cps
Indium	115-1	5973591	6030430	6000456	6001492	0.47	cps
Indium	115-2	340878	341420	341501	341266	0.10	cps
Iron	56-2	92929919	94302977	94063872	93765589	0.78	cps
Iron	57-2	2396448	2436427	2435518	2422798	0.94	cps
Lead	206-1	2561910	2576835	2524936	2554560	1.05	cps
Lead	207-1	2289872	2324889	2317416	2310726	0.80	cps
Lead	208-1	10235169	10322412	10310962	10289515	0.46	cps
Lithium	6-1	1121829	1123724	1125093	1123549	0.15	cps
Magnesium	24-2	10164195	10221385	10174178	10186586	0.30	cps
Manganese	55-2	323291	328149	326091	325844	0.75	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P8
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:40:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3928157	3935668	3887724	3917183	0.66	cps
Molybdenum	95-1	2137275	2136184	2111550	2128336	0.68	cps
Molybdenum	96-1	2716900	2783050	2698085	2732678	1.63	cps
Molybdenum	97-1	1280833	1281136	1279797	1280589	0.05	cps
Molybdenum	98-1	3366252	3411097	3407357	3394902	0.73	cps
Neodymium	150-1	293	280	293	289	2.67	cps
Neodymium	150-2	27	40	27	31	24.74	cps
Nickel	60-2	337915	339944	340466	339442	0.40	cps
Phosphorus	31-2	6318	6252	6168	6246	1.20	cps
Potassium	39-2	3141635	3155719	3158856	3152070	0.29	cps
Rhodium	103-1	5588387	5684962	5575965	5616438	1.06	cps
Rhodium	103-2	1781017	1818504	1800871	1800131	1.04	cps
Scandium	45-1	3961667	3995661	3982641	3979990	0.43	cps
Scandium	45-2	39790	40405	40358	40184	0.85	cps
Selenium	77-2	527	453	440	473	9.86	cps
Selenium	78-2	1806	1795	1719	1773	2.67	cps
Selenium	82-1	63535	64350	63635	63840	0.70	cps
Silicon	28-1	2666673	2648073	2676068	2663605	0.53	cps
Silver	109-1	4780540	4775311	4774358	4776736	0.07	cps
Silver	107-1	5016367	5023075	4968186	5002543	0.60	cps
Sodium	23-2	24597844	24728743	24532753	24619780	0.41	cps
Strontium	86-1	1353374	1350328	1354427	1352710	0.16	cps
Strontium	88-1	11735715	11823961	11705983	11755220	0.52	cps
Sulfur	34-1	716091	722626	723391	720703	0.56	cps
Terbium	159-1	7362165	7344563	7230647	7312458	0.98	cps
Terbium	159-2	1965881	1958012	1958022	1960638	0.23	cps
Thallium	203-1	3120727	3096528	3145999	3121085	0.79	cps
Thallium	205-1	7334949	7191791	7333388	7286710	1.13	cps
Tin	118-1	3254471	3275843	3326421	3285579	1.12	cps
Titanium	47-1	590143	593207	587548	590300	0.48	cps
Uranium	238-1	9461273	9646040	9548168	9551827	0.97	cps
Vanadium	51-2	435107	438077	436115	436433	0.35	cps
Yttrium	89-1	6683536	6665884	6656019	6668480	0.21	cps
Yttrium	89-2	265783	265641	264890	265438	0.18	cps
Zinc	66-2	187664	189357	189725	188915	0.58	cps
Zirconium	90-1	7331225	7416538	7401230	7382997	0.62	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P8
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:40:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1667302	1658208	1672169	1665893	0.43	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P8
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:43:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	3126	3059	2667	2950	8.39	cps
Arsenic	75-2	9	20	13	14	39.85	cps
Barium	135-1	50	33	92	58	51.51	cps
Barium	137-1	67	142	150	119	38.42	cps
Beryllium	9-1	344	333	356	344	3.23	cps
Bismuth	209-1	3699605	4019291	3956039	3891645	4.35	cps
Bismuth	209-2	1500039	1498577	1520798	1506471	0.83	cps
Boron	10-1	3551	3617	3317	3495	4.51	cps
Boron	11-1	16677	15426	14550	15551	6.88	cps
Cadmium	111-1	986	1092	1034	1037	5.09	cps
Cadmium	106-1	1258	1417	1350	1342	5.93	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	2084	2200	2492	2259	9.31	cps
Calcium	44-1	50441	50099	48944	49828	1.57	cps
Chromium	52-2	917	983	830	910	8.45	cps
Cobalt	59-2	40	53	57	50	17.64	cps
Copper	63-2	407	440	370	406	8.63	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	75	67	158	100	50.69	cps
Gadolinium	160-2	3	10	17	10	66.70	cps
Holmium	165-1	6249877	6681448	6469761	6467029	3.34	cps
Holmium	165-2	1986293	1976374	1994468	1985712	0.46	cps
Indium	115-1	5688481	6037221	5962140	5895947	3.11	cps
Indium	115-2	354861	356343	359945	357050	0.73	cps
Iron	56-2	3723	3712	3595	3677	1.93	cps
Iron	57-2	100	94	94	96	3.33	cps
Lead	206-1	1050	1056	1033	1046	1.11	cps
Lead	207-1	967	978	889	945	5.13	cps
Lead	208-1	4384	4184	4223	4263	2.49	cps
Lithium	6-1	1044604	1117232	1107529	1089788	3.62	cps
Magnesium	24-2	183	208	183	192	7.53	cps
Manganese	55-2	93	93	93	93	0.00	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P8
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:43:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	450	683	564	20.71	cps
Molybdenum	95-1	250	192	283	242	19.20	cps
Molybdenum	96-1	408	250	367	342	24.02	cps
Molybdenum	97-1	208	200	200	203	2.37	cps
Molybdenum	98-1	433	450	317	400	18.16	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	210	253	238	10.14	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	4818	4826	4076	4573	9.42	cps
Rhodium	103-1	5472470	5924658	5778062	5725063	4.03	cps
Rhodium	103-2	1901295	1873580	1905560	1893478	0.92	cps
Scandium	45-1	3697400	3881055	3900141	3826199	2.93	cps
Scandium	45-2	38613	40355	39987	39652	2.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	54	0	8	20	142.92	cps
Silicon	28-1	386644	382407	371675	380242	2.03	cps
Silver	109-1	433	367	475	425	12.86	cps
Silver	107-1	367	508	475	450	16.46	cps
Sodium	23-2	16877	15459	15693	16010	4.75	cps
Strontium	86-1	1033	850	825	903	12.60	cps
Strontium	88-1	933	1000	867	933	7.14	cps
Sulfur	34-1	367129	370266	369958	369118	0.47	cps
Terbium	159-1	6503308	7048984	6892999	6815097	4.12	cps
Terbium	159-2	1937970	1918005	1928734	1928236	0.52	cps
Thallium	203-1	883	958	708	850	15.09	cps
Thallium	205-1	2067	2150	1609	1942	15.02	cps
Tin	118-1	1734	1667	1717	1706	2.03	cps
Titanium	47-1	142	117	167	142	17.65	cps
Uranium	238-1	50	75	92	72	29.04	cps
Vanadium	51-2	20	13	23	19	26.96	cps
Yttrium	89-1	6091169	6571128	6572094	6411464	4.33	cps
Yttrium	89-2	263914	263313	269114	265447	1.20	cps
Zinc	66-2	70	110	90	90	22.22	cps
Zirconium	90-1	1150	1242	1075	1156	7.22	cps

LB Number :	LB89507	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P8
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-08-14 14:43:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	225	250	250	10.00	cps