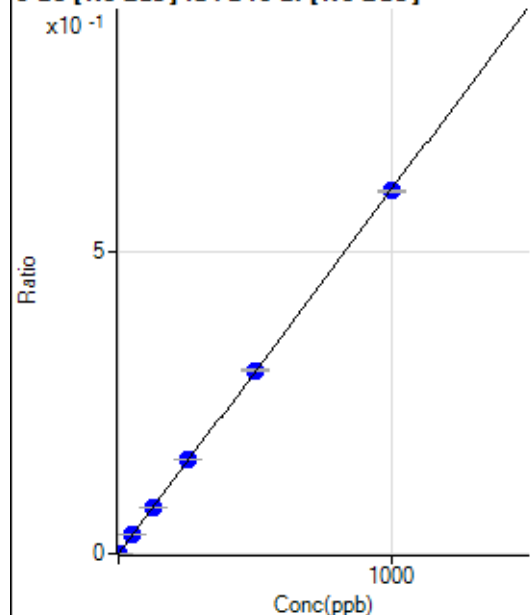


Calibration for 006CALS.d

Batch Folder: D:\ICP-MS Data\P7051018 -MS.b\
 Analysis File: P7051018 -MS.batch.bin
 DA Date-Time: 2018-05-10 17:35:22
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-10 12:50:53
2			
3	005CALS.d	S02	2018-05-10 12:59:09
4	006CALS.d	S03	2018-05-10 13:03:02
5	007CALS.d	S04	2018-05-10 13:07:14
6	008CALS.d	S05	2018-05-10 13:11:03
7	009CALS.d	S06	2018-05-10 13:14:50
8	010CALS.d	S07	2018-05-10 13:18:33
9	011CALS.d	S08	2018-05-10 13:22:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	0.999	1853.87	0.0006	P	2.7
4	☐	50.000	50.794	91567.40	0.0306	P	0.6
5	☐	125.000	127.804	222180.82	0.0769	P	0.9
6	☐	250.000	257.488	428474.70	0.1549	P	0.1
7	☐	500.000	503.362	787035.78	0.3028	P	0.4
8	☐	1000.000	996.057	1527036.76	0.5991	P	0.4
9	☐			574.10	0.0002	P	4.6

$$y = 6.0149\text{E-}004 * x + 1.5057\text{E-}005$$

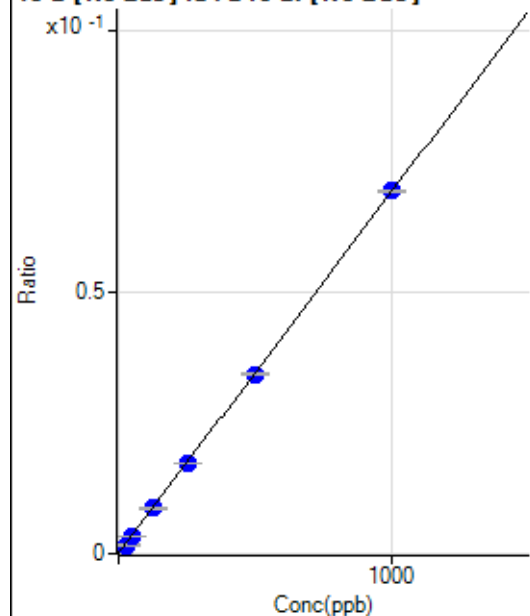
$$R = 1.0000$$

$$DL = 0.02541$$

$$BEC = 0.02503$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0001	P	20.8
2	☐	2.500					
3	☐	25.000	22.521	4878.79	0.0016	P	4.9
4	☐	50.000	48.595	10256.69	0.0034	P	1.4
5	☐	125.000	124.911	25143.92	0.0087	P	3.3
6	☐	250.000	248.405	47698.10	0.0172	P	1.5
7	☐	500.000	495.531	89248.71	0.0343	P	1.4
8	☐	1000.000	1002.777	176927.06	0.0694	P	0.9
9	☐			3984.01	0.0015	P	6.6

$$y = 6.9162\text{E-}005 * x + 6.2967\text{E-}005$$

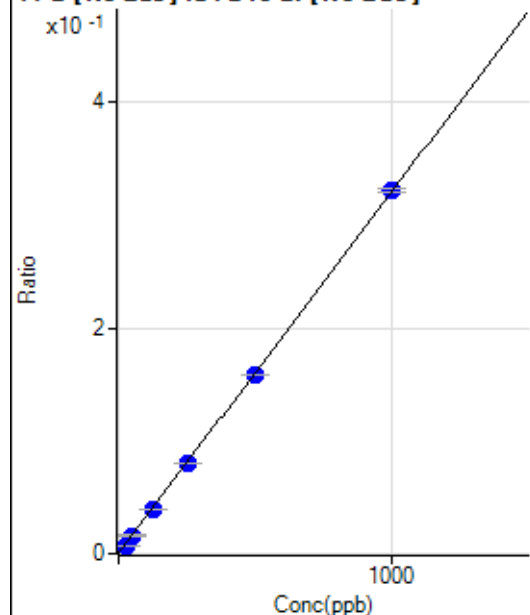
$$R = 1.0000$$

$$DL = 0.5688$$

$$BEC = 0.9104$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	888.96	0.0003	P	13.8
2	☐	2.500					
3	☐	25.000	22.210	22300.53	0.0074	P	0.3
4	☐	50.000	49.600	48445.44	0.0162	P	2.3
5	☐	125.000	122.281	113934.78	0.0394	P	1.6
6	☐	250.000	249.071	221298.18	0.0800	P	0.9
7	☐	500.000	494.588	412158.02	0.1586	P	0.5
8	☐	1000.000	1003.368	819084.43	0.3214	P	1.0
9	☐			19543.98	0.0074	P	8.8

$$y = 3.1999\text{E-}004 * x + 3.0075\text{E-}004$$

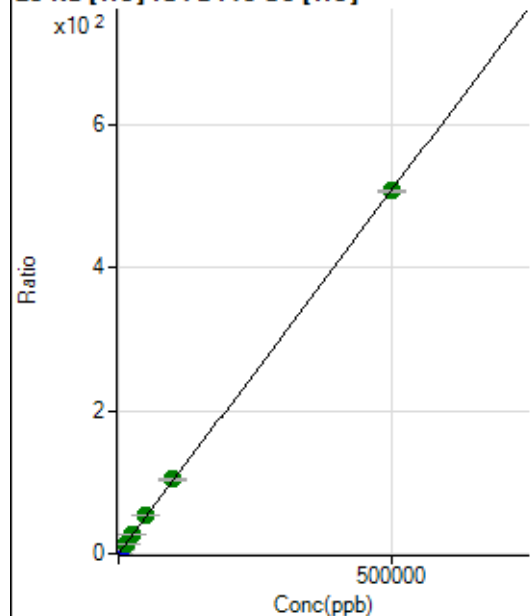
$$R = 1.0000$$

$$DL = 0.3884$$

$$BEC = 0.9399$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25906.44	0.0687	P	0.6
2	☐	50.000					
3	☐	500.000	457.740	207407.87	0.5338	P	1.2
4	☐	5000.000	5152.263	2002682.18	5.3035	P	0.5
5	☐	12500.000	13036.172	4710918.73	13.3137	A	0.4
6	☐	25000.000	26035.250	8562784.83	26.5210	A	0.1
7	☐	50000.000	51609.084	16082818.41	52.5045	A	0.1
8	☐	100000.00	102016.03	32139273.98	103.7190	A	0.6
9	☐	500000.00	499369.23	180159679.0	507.4378	A	0.4

$$y = 0.0010 * x + 0.0687$$

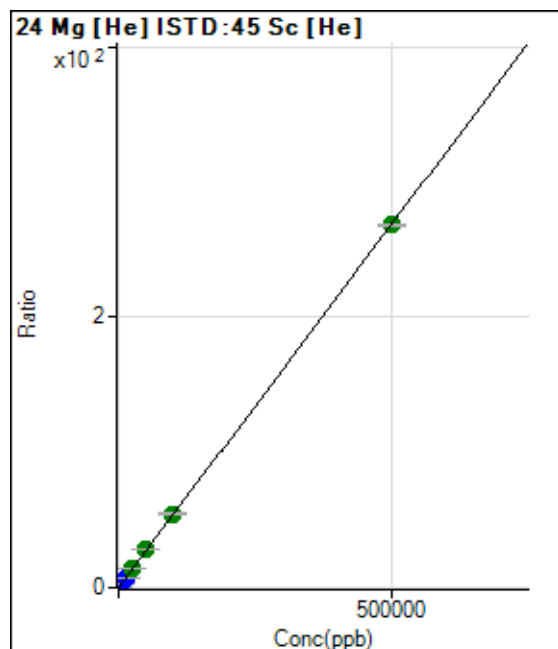
$$R = 1.0000$$

$$DL = 1.234$$

$$BEC = 67.6$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	688.93	0.0018	P	5.3
2	☐	50.000					
3	☐	500.000	462.054	97152.75	0.2500	P	0.6
4	☐	5000.000	5180.941	1051560.91	2.7848	P	0.9
5	☐	12500.000	13130.777	2496335.75	7.0550	P	0.5
6	☐	25000.000	26048.352	4518111.74	13.9937	A	0.3
7	☐	50000.000	51760.849	8517092.12	27.8052	A	0.1
8	☐	100000.00	101705.93	16929068.95	54.6332	A	0.7
9	☐	500000.00	499412.77	95242523.66	268.2615	A	0.4

$$y = 5.3715\text{E-}004 * x + 0.0018$$

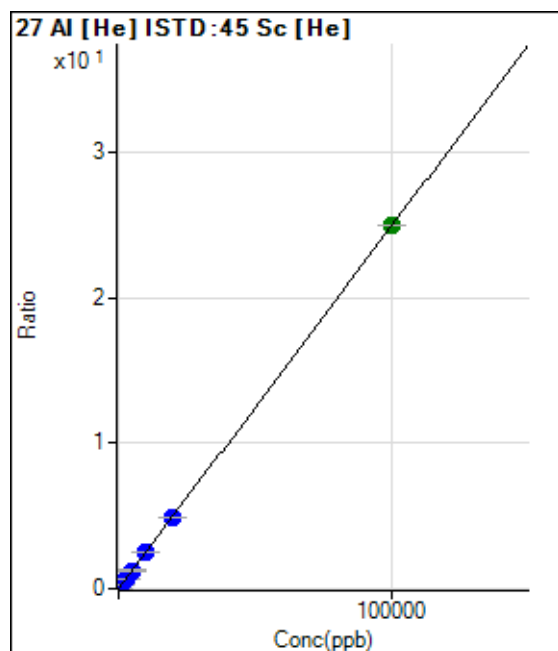
$$R = 1.0000$$

$$DL = 0.5435$$

$$BEC = 3.4$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0001	P	24.8
2	☐	2.000					
3	☐	20.000	20.035	1978.00	0.0051	P	8.3
4	☐	1000.000	1001.823	94212.48	0.2495	P	0.8
5	☐	2500.000	2531.340	222995.82	0.6302	P	0.3
6	☐	5000.000	5025.540	403933.20	1.2511	P	0.9
7	☐	10000.000	9989.902	761756.55	2.4868	P	0.4
8	☐	20000.000	19686.850	1518562.17	4.9006	P	0.3
9	☐	100000.00	100061.56	8843196.90	24.9079	A	0.1

$$y = 2.4892\text{E-}004 * x + 1.0311\text{E-}004$$

$$R = 1.0000$$

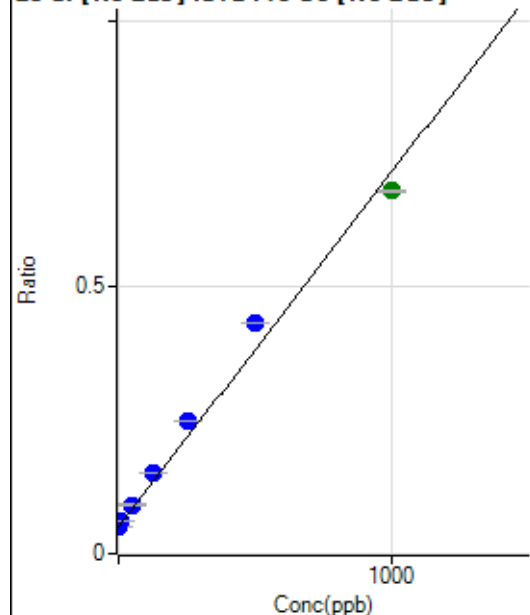
$$DL = 0.3087$$

$$BEC = 0.4142$$

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	357522.23	0.0504	P	0.4
2	☐	1.000					
3	☐	10.000	17.800	438563.49	0.0622	P	1.1
4	☐	50.000	62.283	641969.44	0.0918	P	0.4
5	☐	125.000	151.919	1030979.19	0.1514	P	0.4
6	☐	250.000	299.007	1633492.34	0.2492	P	0.4
7	☐	500.000	572.940	2656934.56	0.4313	P	0.2
8	☐	1000.000	947.221	4197126.27	0.6800	A	0.6
9	☐			1372823.29	0.2126	P	2.1

$$y = 6.6471\text{E-}004 * x + 0.0504$$

$$R = 0.9944$$

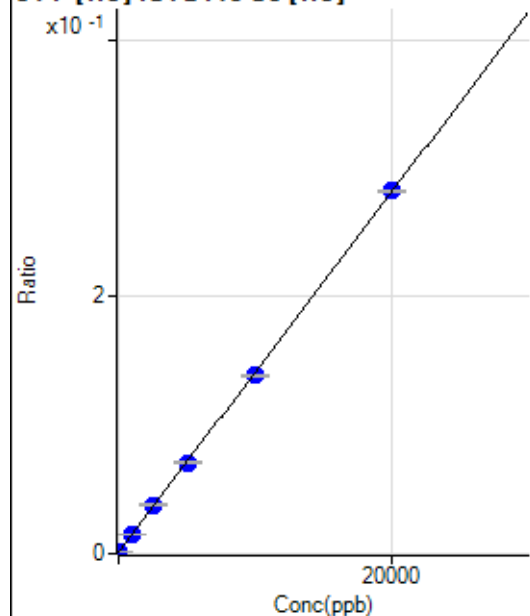
$$DL = 0.8359$$

$$BEC = 75.85$$

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	-4.186	330.57	0.0009	P	13.7
2	☐	0.000					
3	☐	0.000	4.186	386.13	0.0010	P	26.4
4	☐	1000.000	1001.132	5656.86	0.0150	P	4.2
5	☐	2500.000	2625.074	13362.08	0.0378	P	3.5
6	☐	5000.000	4993.360	22921.20	0.0710	P	1.7
7	☐	10000.000	9834.653	42553.28	0.1389	P	1.5
8	☐	20000.000	20068.643	87539.77	0.2825	P	0.3
9	☐			430.58	0.0012	P	8.5

$$y = 1.4030\text{E-}005 * x + 9.3504\text{E-}004$$

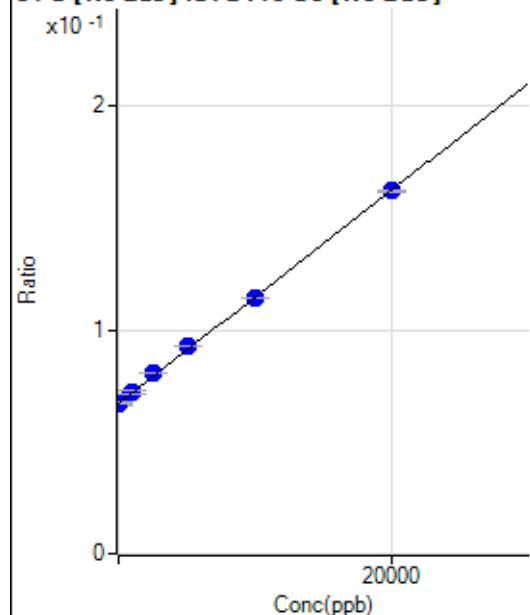
$$R = 0.9999$$

$$DL = 40.92$$

$$BEC = 66.65$$

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	-57.920	474202.16	0.0669	P	0.9
2	☐	0.000					
3	☐	0.000	57.920	475018.62	0.0674	P	0.6
4	☐	1000.000	1064.130	504908.69	0.0722	P	1.6
5	☐	2500.000	2874.531	550519.05	0.0808	P	0.4
6	☐	5000.000	5366.604	607845.82	0.0927	P	0.8
7	☐	10000.000	9881.627	703784.72	0.1142	P	0.5
8	☐	20000.000	19917.513	1000208.46	0.1621	P	0.4
9	☐			378488.59	0.0586	P	0.9

$$y = 4.7653\text{E-}006 * x + 0.0671$$

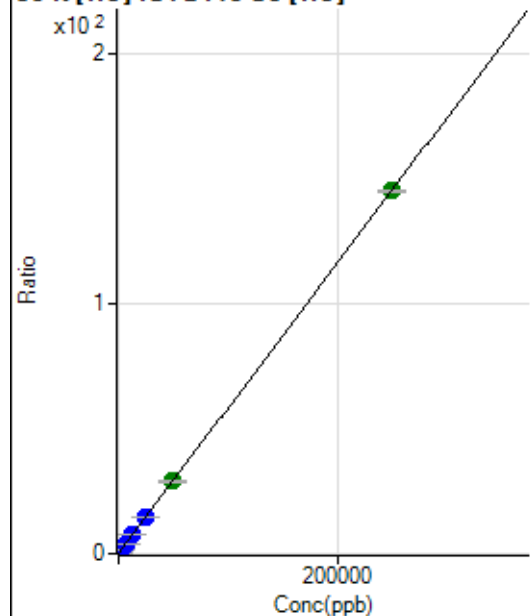
$$R = 0.9997$$

$$DL = 313.9$$

$$BEC = 1.409\text{E}+04$$

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	45986.24	0.1219	P	1.9
2	☐	50.000					
3	☐	500.000	461.356	151326.10	0.3894	P	0.7
4	☐	2500.000	2540.784	602359.89	1.5952	P	0.7
5	☐	6250.000	6506.575	1378098.55	3.8947	P	0.3
6	☐	12500.000	12828.821	2441035.84	7.5605	P	0.4
7	☐	25000.000	25371.471	4543603.88	14.8332	P	0.1
8	☐	50000.000	49574.975	8945058.71	28.8672	A	0.5
9	☐	250000.00	250024.67	51513521.64	145.0946	A	0.3

$$y = 5.7983\text{E-}004 * x + 0.1219$$

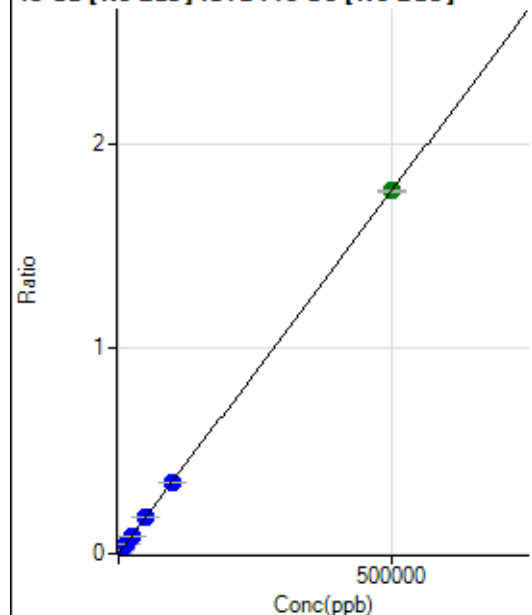
$$R = 1.0000$$

$$DL = 11.77$$

$$BEC = 210.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	18.7
2	☐	50.000					
3	☐	500.000	436.720	11043.41	0.0016	P	3.0
4	☐	5000.000	4883.284	120852.58	0.0173	P	0.4
5	☐	12500.000	12188.252	293525.40	0.0431	P	1.3
6	☐	25000.000	25032.705	580208.66	0.0885	P	0.0
7	☐	50000.000	49743.202	1083378.56	0.1758	P	0.3
8	☐	100000.00	99023.332	2160386.42	0.3500	P	0.3
9	☐	500000.00	500228.40	11418357.81	1.7681	A	0.5

$$y = 3.5346\text{E-}006 * x + 2.3897\text{E-}005$$

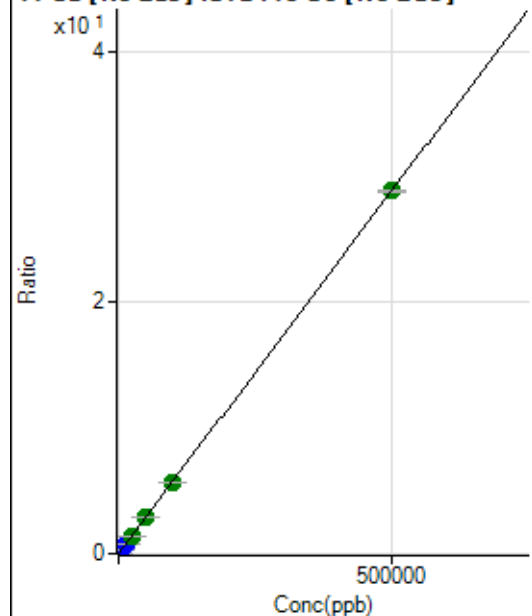
$$R = 1.0000$$

$$DL = 3.784$$

$$BEC = 6.761$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9158.83	0.0013	P	4.6
2	☐	50.000					
3	☐	500.000	429.796	183854.32	0.0261	P	0.9
4	☐	5000.000	4847.988	1965234.96	0.2811	P	0.5
5	☐	12500.000	12306.046	4844921.37	0.7115	P	1.2
6	☐	25000.000	25056.632	9488136.49	1.4473	A	0.4
7	☐	50000.000	49760.698	17700458.38	2.8730	A	0.2
8	☐	100000.00	98772.155	35189474.40	5.7015	A	0.3
9	☐	500000.00	500273.10	186454884.7	28.8724	A	0.4

$$y = 5.7711\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

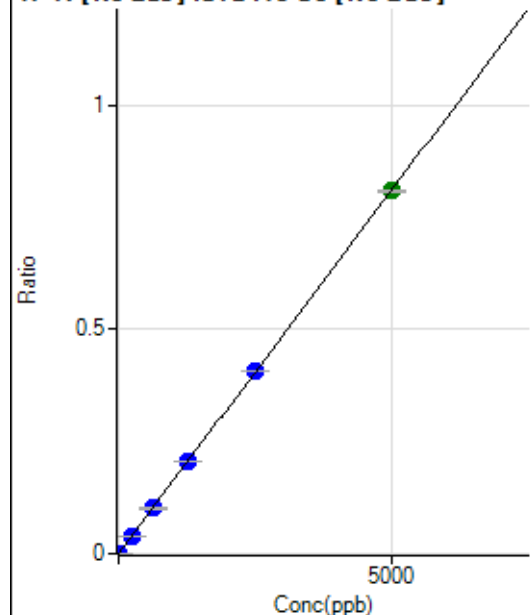
$$DL = 3.068$$

$$BEC = 22.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	8.8
2	☐	0.500					
3	☐	5.000	4.628	5392.89	0.0008	P	2.7
4	☐	250.000	247.001	279898.45	0.0400	P	0.6
5	☐	625.000	623.827	688307.32	0.1011	P	0.8
6	☐	1250.000	1268.325	1347083.98	0.2055	P	0.6
7	☐	2500.000	2505.981	2501274.12	0.4060	P	0.2
8	☐	5000.000	4992.725	4992198.33	0.8088	A	0.4
9	☐			1627.95	0.0003	P	12.0

$$y = 1.6200\text{E-}004 * x + 1.5670\text{E-}005$$

$$R = 1.0000$$

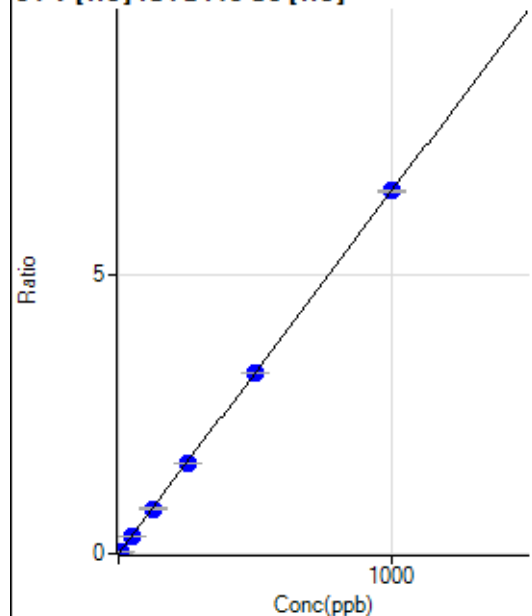
$$DL = 0.02546$$

$$BEC = 0.09673$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.45	0.0000	P	48.1
2	☐	0.500					
3	☐	5.000	4.370	11020.93	0.0284	P	0.6
4	☐	50.000	48.708	119236.99	0.3158	P	1.0
5	☐	125.000	124.539	285652.01	0.8073	P	0.3
6	☐	250.000	250.489	524231.32	1.6237	P	0.5
7	☐	500.000	498.351	989481.38	3.2303	P	0.3
8	☐	1000.000	1000.827	2010211.71	6.4873	P	0.5
9	☐			1262.30	0.0036	P	3.4

$$y = 0.0065 * x + 3.8319\text{E-}005$$

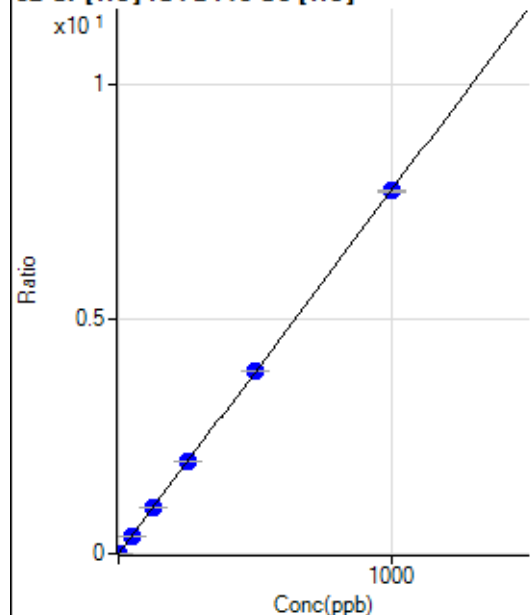
$$R = 1.0000$$

$$DL = 0.008531$$

$$BEC = 0.005912$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0009	P	9.1
2	☐	0.200					
3	☐	2.000	1.881	6006.88	0.0155	P	2.0
4	☐	50.000	49.390	144582.46	0.3829	P	0.2
5	☐	125.000	126.048	345249.55	0.9757	P	0.1
6	☐	250.000	253.200	632518.06	1.9591	P	0.3
7	☐	500.000	501.711	1188780.23	3.8810	P	0.4
8	☐	1000.000	998.245	2392475.80	7.7210	P	0.5
9	☐			105395.10	0.2969	P	0.5

$$y = 0.0077 * x + 9.1021E-004$$

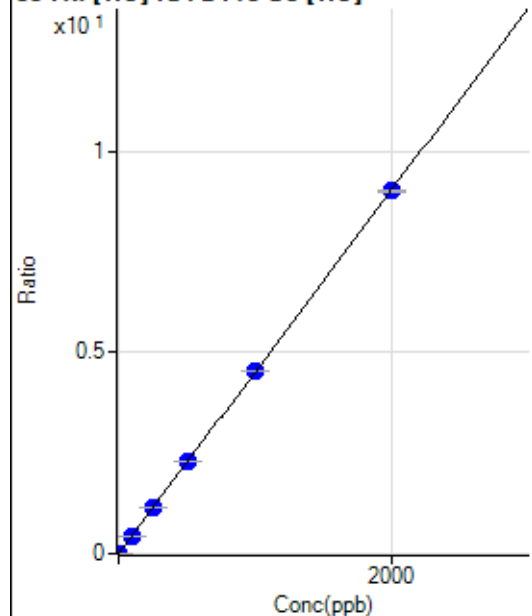
$$R = 1.0000$$

$$DL = 0.03216$$

$$BEC = 0.1177$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0002	P	13.2
2	☐	0.100					
3	☐	1.000	0.942	1723.46	0.0044	P	2.6
4	☐	100.000	98.148	167643.24	0.4439	P	0.7
5	☐	250.000	251.119	401806.77	1.1356	P	0.5
6	☐	500.000	505.963	738649.46	2.2878	P	0.4
7	☐	1000.000	1005.548	1392674.49	4.5466	P	0.2
8	☐	2000.000	1995.688	2796032.14	9.0233	P	0.4
9	☐			13408.47	0.0378	P	2.2

$$y = 0.0045 * x + 1.7674E-004$$

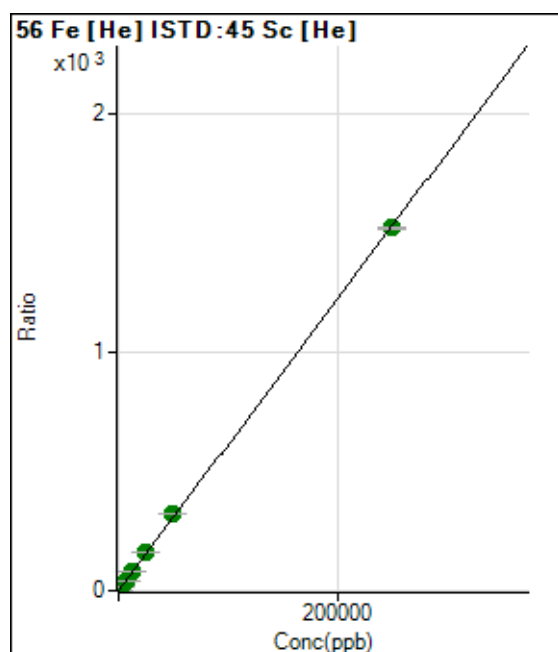
$$R = 1.0000$$

$$DL = 0.01547$$

$$BEC = 0.03909$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4310.03	0.0114	P	0.7
2	☐	5.000					
3	☐	50.000	47.150	116383.13	0.2995	P	0.2
4	☐	2500.000	2606.001	6016847.99	15.9336	A	0.2
5	☐	6250.000	6686.956	14460520.69	40.8674	A	0.3
6	☐	12500.000	13471.075	26577389.02	82.3170	A	0.6
7	☐	25000.000	26797.797	50155971.49	163.7406	A	0.3
8	☐	50000.000	52852.862	100067155.9	322.9318	A	0.2
9	☐	250000.00	249189.11	540537319.4	1,522.506	A	0.4

$$y = 0.0061 * x + 0.0114$$

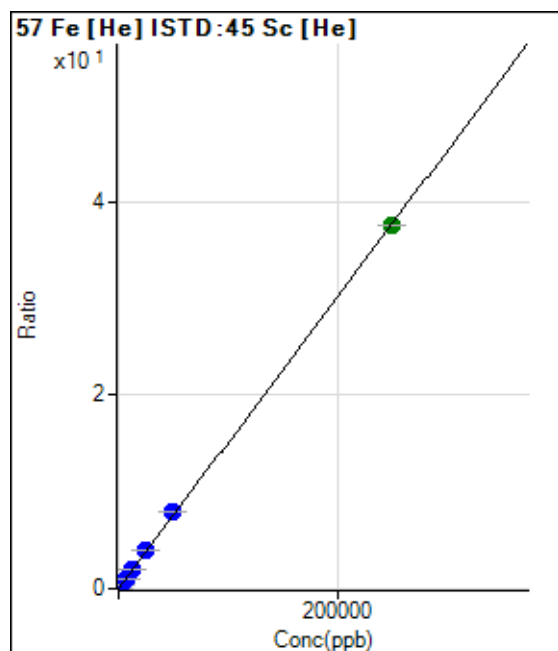
$$R = 0.9999$$

$$DL = 0.0387$$

$$BEC = 1.87$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	435.20	0.0012	P	9.4
2	☐	5.000					
3	☐	50.000	48.158	3263.41	0.0084	P	2.1
4	☐	2500.000	2583.000	147166.88	0.3897	P	0.5
5	☐	6250.000	6651.613	354470.48	1.0018	P	0.6
6	☐	12500.000	13395.194	650982.14	2.0163	P	0.5
7	☐	25000.000	26736.613	1232380.60	4.0233	P	0.2
8	☐	50000.000	53050.278	2473308.97	7.9818	P	0.3
9	☐	250000.00	249160.65	13307939.77	37.4836	A	0.2

$$y = 1.5043E-004 * x + 0.0012$$

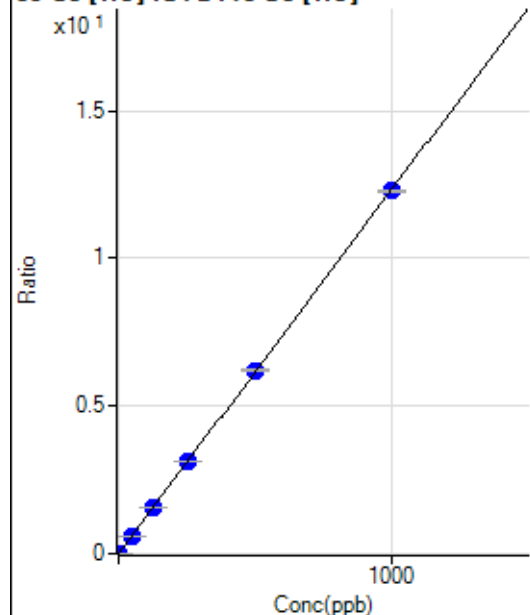
$$R = 0.9999$$

$$DL = 2.169$$

$$BEC = 7.669$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0002	P	6.7
2	☐	0.100					
3	☐	1.000	0.899	4386.28	0.0113	P	3.4
4	☐	50.000	49.105	228630.40	0.6055	P	0.5
5	☐	125.000	125.852	548950.07	1.5514	P	0.2
6	☐	250.000	253.767	1009938.50	3.1280	P	0.5
7	☐	500.000	503.895	1902510.89	6.2110	P	0.4
8	☐	1000.000	997.049	3808139.53	12.2895	P	0.4
9	☐			7112.95	0.0200	P	2.4

$$y = 0.0123 * x + 2.0622E-004$$

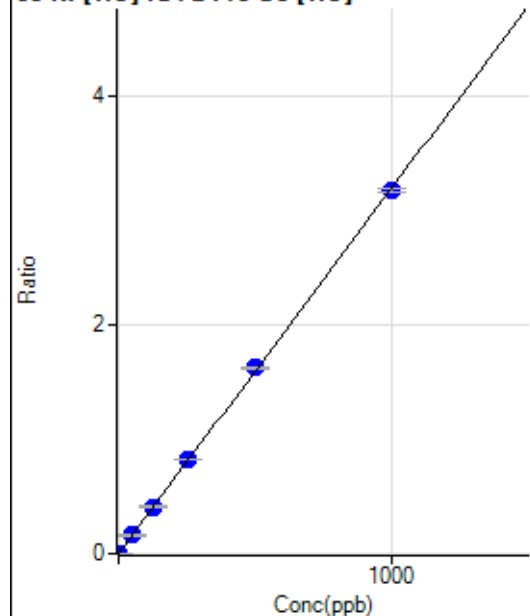
$$R = 1.0000$$

$$DL = 0.003341$$

$$BEC = 0.01673$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.34	0.0002	P	7.2
2	☐	0.100					
3	☐	1.000	0.982	1311.19	0.0034	P	7.0
4	☐	50.000	50.321	60615.90	0.1605	P	1.6
5	☐	125.000	128.933	145396.98	0.4109	P	0.6
6	☐	250.000	257.816	265210.50	0.8214	P	0.6
7	☐	500.000	508.162	495855.92	1.6188	P	0.7
8	☐	1000.000	993.457	980578.82	3.1645	P	0.9
9	☐			27256.60	0.0768	P	1.3

$$y = 0.0032 * x + 2.4746E-004$$

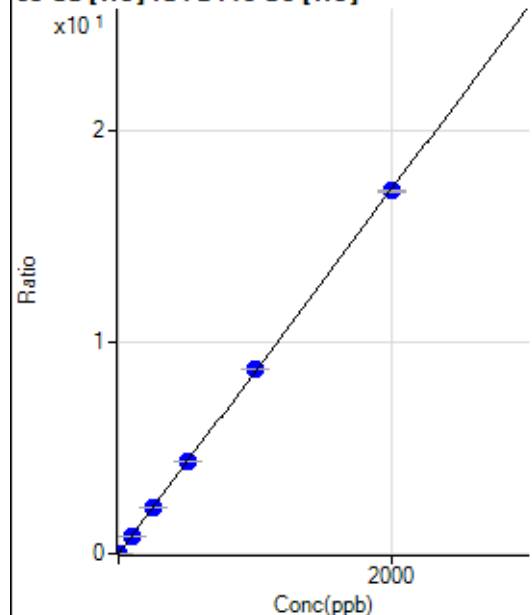
$$R = 0.9999$$

$$DL = 0.01668$$

$$BEC = 0.07769$$

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	792.26	0.0021	P	4.2
2	☐	0.200					
3	☐	2.000	1.886	7138.53	0.0184	P	0.6
4	☐	100.000	98.765	322579.24	0.8543	P	0.9
5	☐	250.000	252.430	771395.38	2.1801	P	0.4
6	☐	500.000	509.407	1419739.93	4.3973	P	0.4
7	☐	1000.000	1012.053	2675373.36	8.7342	P	0.3
8	☐	2000.000	1991.380	5324692.56	17.1838	P	0.8
9	☐			8613.78	0.0243	P	2.1

$$y = 0.0086 * x + 0.0021$$

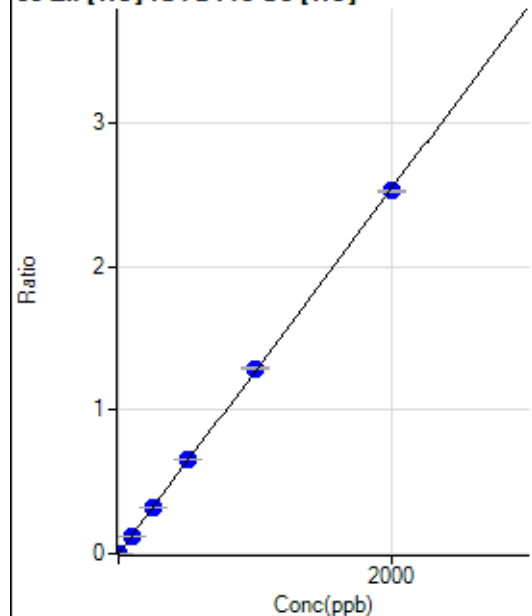
$$R = 1.0000$$

$$DL = 0.03059$$

$$BEC = 0.2434$$

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	283.34	0.0008	P	7.8
2	☐	0.200					
3	☐	2.000	1.990	1275.63	0.0033	P	1.6
4	☐	100.000	98.091	47404.61	0.1255	P	1.4
5	☐	250.000	251.697	113567.04	0.3210	P	1.0
6	☐	500.000	512.639	210808.02	0.6529	P	0.5
7	☐	1000.000	1015.303	395874.75	1.2924	P	0.6
8	☐	2000.000	1989.072	784345.90	2.5312	P	0.3
9	☐			3300.43	0.0093	P	2.6

$$y = 0.0013 * x + 7.5126E-004$$

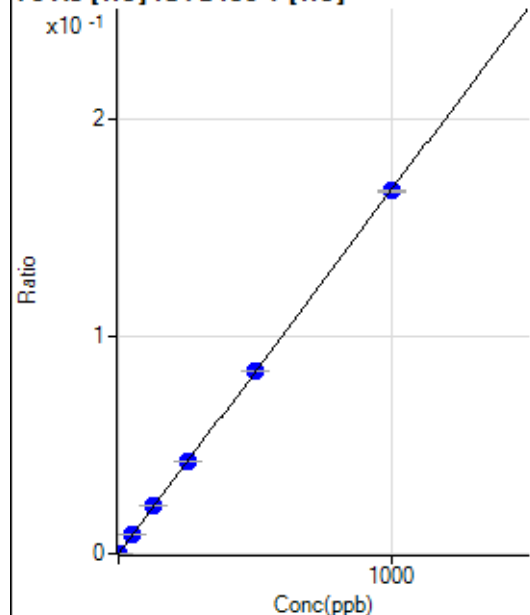
$$R = 0.9999$$

$$DL = 0.1388$$

$$BEC = 0.5905$$

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	4.32	0.0000	P	24.5
2	☐	0.100					
3	☐	1.000	1.010	353.71	0.0002	P	4.9
4	☐	50.000	51.558	17594.05	0.0086	P	2.2
5	☐	125.000	130.631	42083.47	0.0219	P	1.3
6	☐	250.000	254.418	77410.53	0.0426	P	0.5
7	☐	500.000	501.945	147379.06	0.0840	P	0.5
8	☐	1000.000	997.141	295534.63	0.1668	P	0.4
9	☐			145.07	0.0001	P	10.3

$$y = 1.6727\text{E-}004 * x + 2.1516\text{E-}006$$

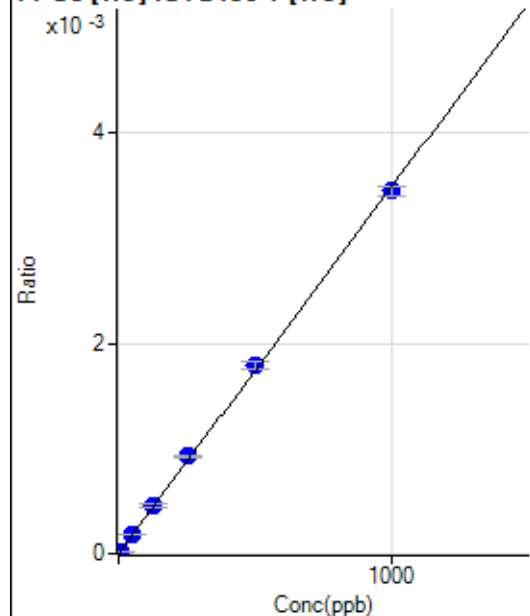
$$R = 1.0000$$

$$DL = 0.009445$$

$$BEC = 0.01286$$

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	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.171	31.11	0.0000	P	61.3
4	☐	50.000	53.937	384.46	0.0002	P	2.0
5	☐	125.000	131.227	882.26	0.0005	P	11.3
6	☐	250.000	264.908	1680.13	0.0009	P	0.5
7	☐	500.000	512.172	3133.72	0.0018	P	4.3
8	☐	1000.000	989.216	6109.16	0.0034	P	2.7
9	☐			7.78	0.0000	P	24.7

$$y = 3.4847\text{E-}006 * x + 5.5094\text{E-}007$$

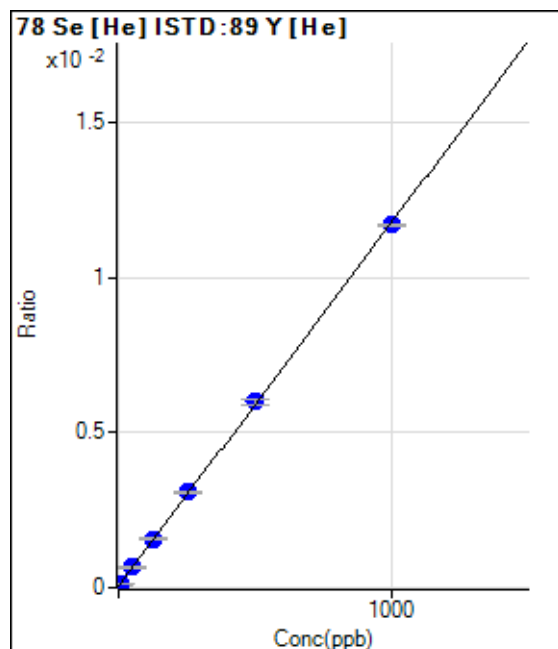
$$R = 0.9998$$

$$DL = 0.8215$$

$$BEC = 0.1581$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	8.8
2	☐	0.500					
3	☐	5.000	3.877	196.92	0.0001	P	0.7
4	☐	50.000	51.349	1328.47	0.0007	P	4.4
5	☐	125.000	130.085	3031.21	0.0016	P	2.7
6	☐	250.000	258.388	5596.80	0.0031	P	3.1
7	☐	500.000	506.706	10508.20	0.0060	P	3.4
8	☐	1000.000	993.852	20719.79	0.0117	P	0.5
9	☐			104.32	0.0001	P	9.5

$$y = 1.1716\text{E-}005 * x + 4.9842\text{E-}005$$

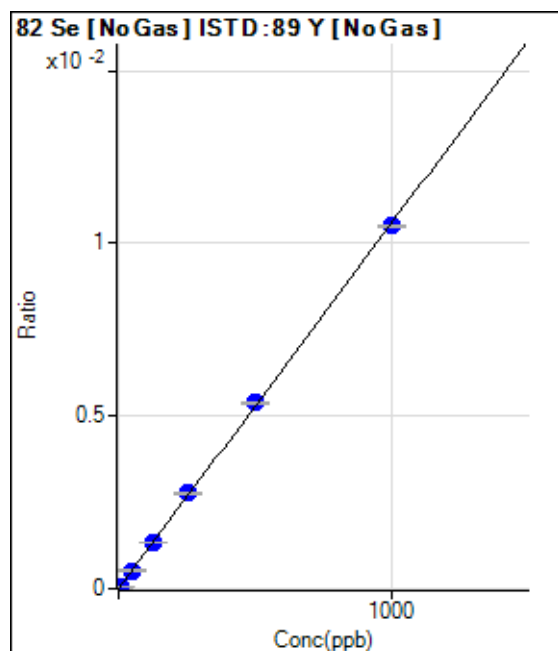
$$R = 0.9999$$

$$DL = 1.117$$

$$BEC = 4.254$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-13.54	0.0000	P	-598.
2	☐	0.500					
3	☐	5.000	4.558	550.97	0.0000	P	3.0
4	☐	50.000	49.980	6140.87	0.0005	P	2.5
5	☐	125.000	126.241	15308.71	0.0013	P	0.5
6	☐	250.000	261.465	30862.65	0.0028	P	0.9
7	☐	500.000	507.986	57988.48	0.0054	P	0.3
8	☐	1000.000	992.989	113931.09	0.0105	P	0.3
9	☐			109.91	0.0000	P	63.0

$$y = 1.0578\text{E-}005 * x - 1.1204\text{E-}006$$

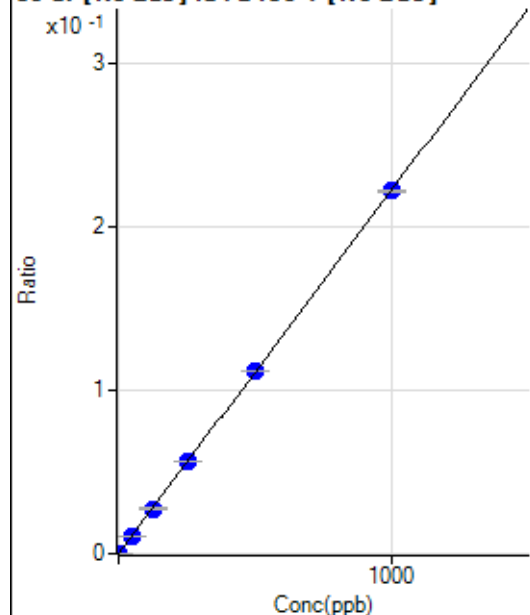
$$R = 0.9999$$

$$DL = 1.902$$

$$BEC = -0.1059$$

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	708.38	0.0001	P	12.1
2	☐	0.100					
3	☐	1.000	0.900	3039.36	0.0003	P	9.0
4	☐	50.000	49.735	129246.65	0.0111	P	0.3
5	☐	125.000	123.897	316326.59	0.0276	P	1.2
6	☐	250.000	252.930	627665.62	0.0562	P	0.5
7	☐	500.000	502.570	1205172.95	0.1117	P	0.5
8	☐	1000.000	998.134	2404866.76	0.2217	P	0.4
9	☐			82198.83	0.0075	P	1.3

$$y = 2.2205E-004 * x + 6.0021E-005$$

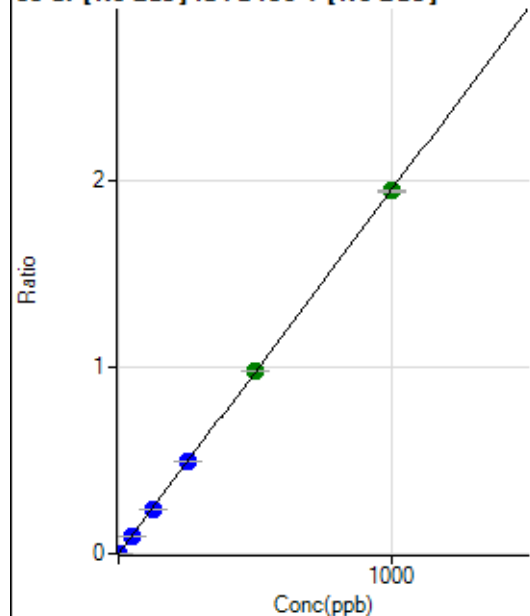
$$R = 1.0000$$

$$DL = 0.09812$$

$$BEC = 0.2703$$

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	155.56	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.910	20913.19	0.0018	P	2.1
4	☐	50.000	49.296	1119197.41	0.0962	P	0.4
5	☐	125.000	124.145	2778012.82	0.2421	P	0.2
6	☐	250.000	255.571	5564311.50	0.4984	P	0.3
7	☐	500.000	501.891	10565135.83	0.9788	A	0.3
8	☐	1000.000	997.804	21109273.91	1.9460	A	0.5
9	☐			709439.55	0.0649	P	0.7

$$y = 0.0020 * x + 1.3180E-005$$

$$R = 1.0000$$

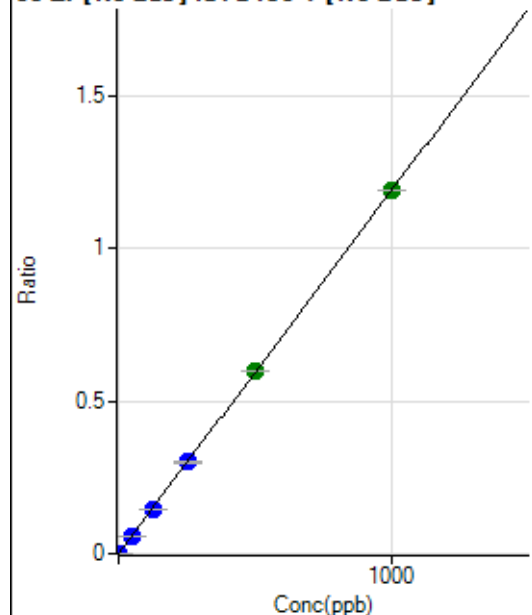
$$DL = 0.003015$$

$$BEC = 0.006758$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	900.07	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.919	13687.55	0.0012	P	1.9
4	☐	50.000	48.572	673939.96	0.0579	P	0.3
5	☐	125.000	123.028	1681201.32	0.1465	P	1.0
6	☐	250.000	251.590	3344326.51	0.2996	P	0.5
7	☐	500.000	501.399	6443505.83	0.5970	A	0.2
8	☐	1000.000	999.221	12904282.06	1.1896	A	0.2
9	☐			3956.26	0.0004	P	3.4

$$y = 0.0012 * x + 7.6312E-005$$

$$R = 1.0000$$

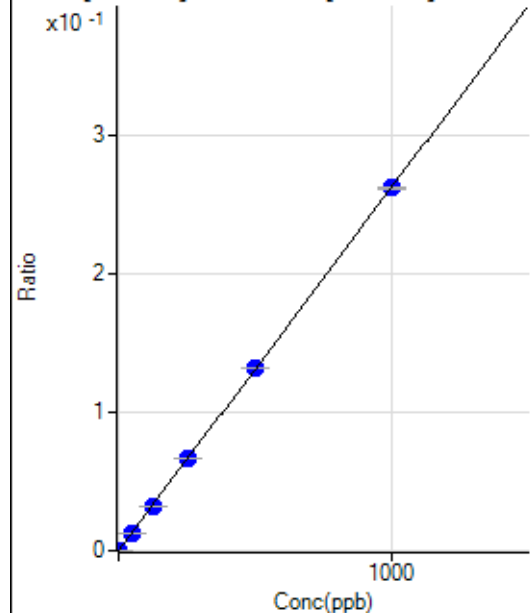
$$DL = 0.01398$$

$$BEC = 0.0641$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	23.6
2	☐	0.100					
3	☐	1.000	0.959	3122.70	0.0003	P	0.1
4	☐	50.000	49.350	150789.21	0.0130	P	0.5
5	☐	125.000	122.903	369877.97	0.0322	P	1.3
6	☐	250.000	252.632	739613.02	0.0663	P	0.2
7	☐	500.000	501.478	1419340.17	0.1315	P	0.2
8	☐	1000.000	998.898	2841144.42	0.2619	P	0.5
9	☐			875.07	0.0001	P	15.1

$$y = 2.6219E-004 * x + 1.5528E-005$$

$$R = 1.0000$$

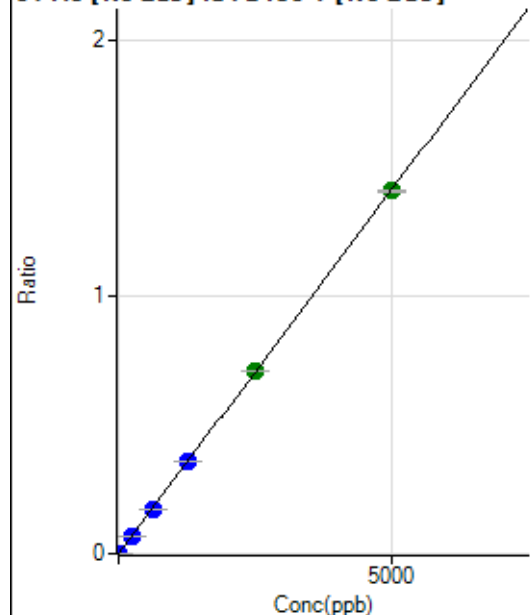
$$DL = 0.04185$$

$$BEC = 0.05923$$

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	327.80	0.0000	P	3.8
2	☐	0.500					
3	☐	5.000	4.562	15439.49	0.0013	P	1.7
4	☐	250.000	245.730	810374.95	0.0696	P	0.4
5	☐	625.000	618.064	2008570.21	0.1751	P	0.9
6	☐	1250.000	1273.938	4027954.56	0.3608	P	0.6
7	☐	2500.000	2514.433	7686593.66	0.7121	A	0.3
8	☐	5000.000	4987.880	15323510.06	1.4126	A	0.3
9	☐			16571.34	0.0015	P	3.1

$$y = 2.8321\text{E-}004 * x + 2.7787\text{E-}005$$

$$R = 1.0000$$

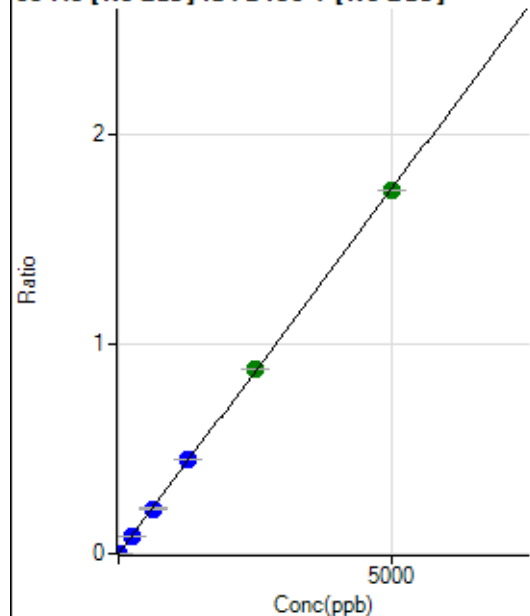
$$DL = 0.0111$$

$$BEC = 0.09812$$

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	19.44	0.0000	P	64.9
2	☐	0.500					
3	☐	5.000	4.449	18092.65	0.0015	P	0.2
4	☐	250.000	247.265	999354.05	0.0859	P	0.5
5	☐	625.000	619.240	2466863.94	0.2150	P	0.4
6	☐	1250.000	1284.432	4978510.44	0.4460	P	0.8
7	☐	2500.000	2534.439	9498478.43	0.8800	A	0.3
8	☐	5000.000	4975.030	18738118.82	1.7274	A	0.1
9	☐			25624.05	0.0023	P	2.3

$$y = 3.4721\text{E-}004 * x + 1.6452\text{E-}006$$

$$R = 0.9999$$

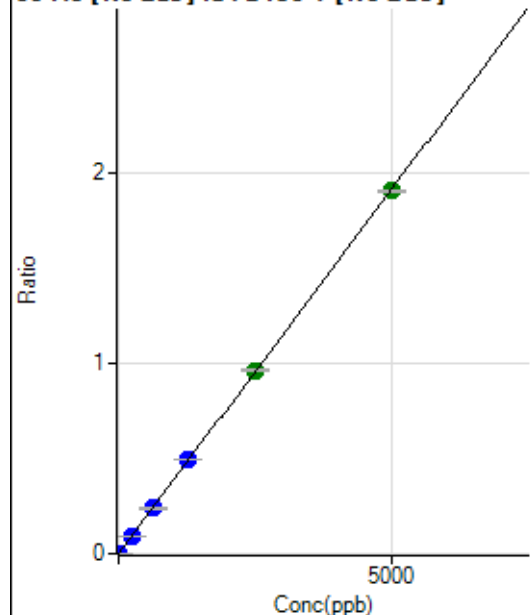
$$DL = 0.009229$$

$$BEC = 0.004738$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	11.7
2	☐	0.500					
3	☐	5.000	4.449	19975.79	0.0017	P	0.8
4	☐	250.000	247.160	1100112.97	0.0945	P	0.1
5	☐	625.000	621.799	2727872.24	0.2378	P	0.7
6	☐	1250.000	1287.769	5496780.25	0.4924	P	1.0
7	☐	2500.000	2520.375	10402090.08	0.9637	A	0.4
8	☐	5000.000	4980.913	20659615.57	1.9045	A	0.2
9	☐			32026.05	0.0029	P	4.3

$$y = 3.8237\text{E-}004 * x + 6.3612\text{E-}006$$

$$R = 1.0000$$

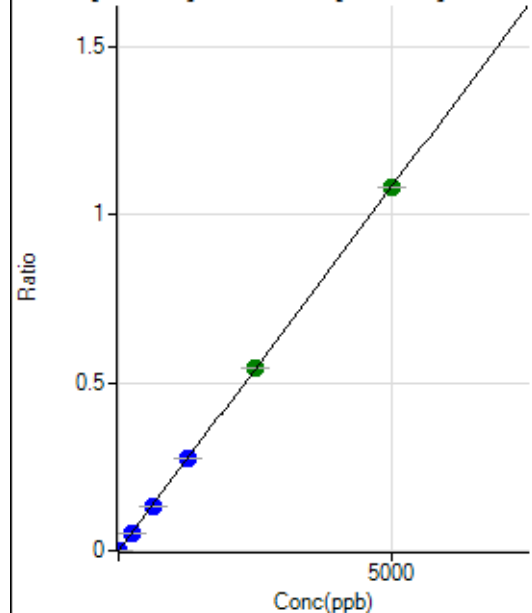
$$DL = 0.005851$$

$$BEC = 0.01664$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.6
2	☐	0.500					
3	☐	5.000	4.526	11499.51	0.0010	P	1.3
4	☐	250.000	244.565	616119.13	0.0529	P	0.4
5	☐	625.000	619.751	1538878.37	0.1341	P	0.3
6	☐	1250.000	1265.008	3056128.41	0.2738	P	1.0
7	☐	2500.000	2517.395	5880495.05	0.5448	A	0.4
8	☐	5000.000	4988.479	11710838.72	1.0796	A	0.1
9	☐			16229.28	0.0015	P	1.8

$$y = 2.1642\text{E-}004 * x + 3.5306\text{E-}006$$

$$R = 1.0000$$

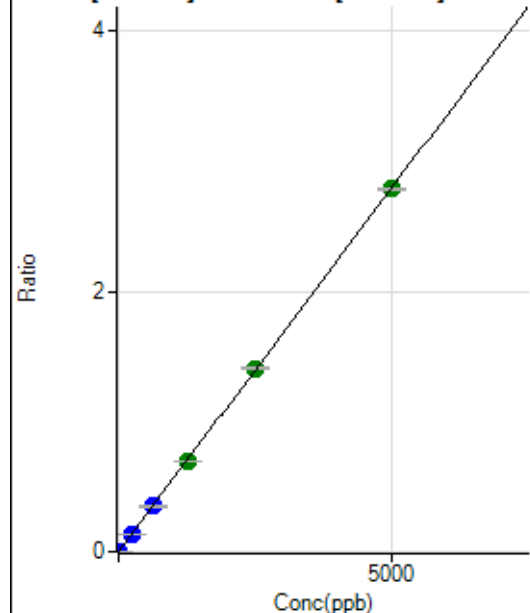
$$DL = 0.009603$$

$$BEC = 0.01631$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.7
2	☐	0.500					
3	☐	5.000	4.409	28832.83	0.0025	P	1.9
4	☐	250.000	245.295	1594181.94	0.1370	P	0.2
5	☐	625.000	622.543	3987936.68	0.3476	P	0.4
6	☐	1250.000	1253.129	7810681.86	0.6997	A	0.3
7	☐	2500.000	2517.611	15172262.14	1.4057	A	0.7
8	☐	5000.000	4990.955	30227662.13	2.7866	A	0.3
9	☐			40934.71	0.0037	P	1.2

$$y = 5.5833\text{E-}004 * x + 2.5900\text{E-}006$$

$$R = 1.0000$$

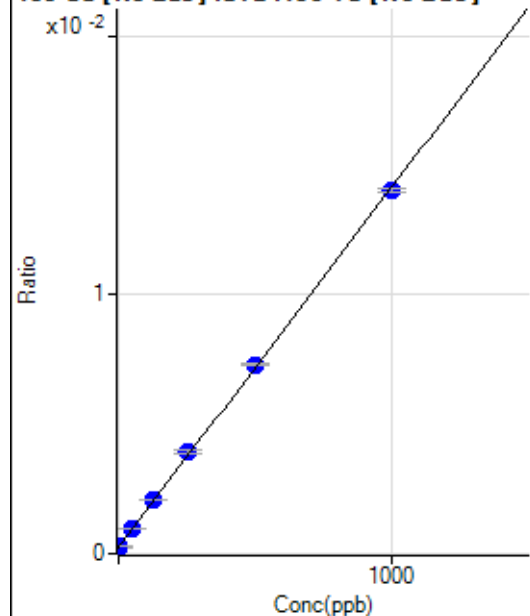
$$DL = 0.002188$$

$$BEC = 0.004639$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3656.20	0.0002	P	2.3
2	☐	0.100					
3	☐	1.000	2.860	4211.90	0.0003	P	2.5
4	☐	50.000	53.349	14660.93	0.0010	P	1.7
5	☐	125.000	132.417	30642.34	0.0021	P	1.5
6	☐	250.000	265.704	57629.17	0.0039	P	2.4
7	☐	500.000	508.346	107023.71	0.0073	P	1.1
8	☐	1000.000	990.804	204894.16	0.0140	P	1.2
9	☐			3495.05	0.0002	P	7.6

$$y = 1.3893\text{E-}005 * x + 2.4679\text{E-}004$$

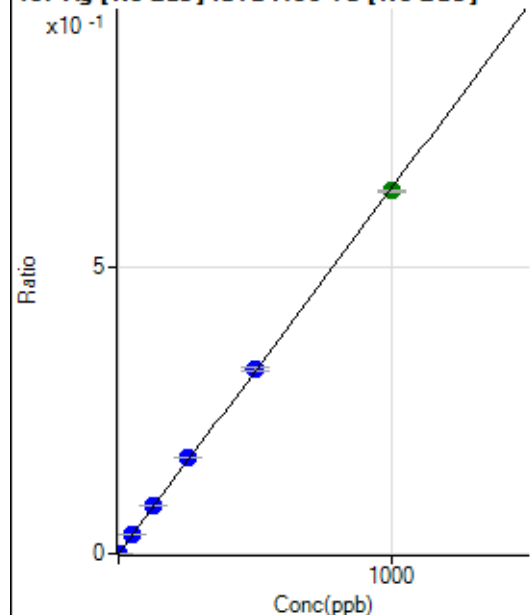
$$R = 0.9998$$

$$DL = 1.247$$

$$BEC = 17.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	40.2
2	☐	0.100					
3	☐	1.000	0.938	8914.29	0.0006	P	2.1
4	☐	50.000	53.029	501397.57	0.0338	P	0.8
5	☐	125.000	131.719	1232345.95	0.0839	P	1.0
6	☐	250.000	263.410	2455621.56	0.1678	P	0.9
7	☐	500.000	505.046	4710668.12	0.3217	P	1.3
8	☐	1000.000	993.133	9250853.07	0.6326	A	0.6
9	☐			913.96	0.0001	P	11.9

$$y = 6.3701\text{E-}004 * x + 8.8068\text{E-}006$$

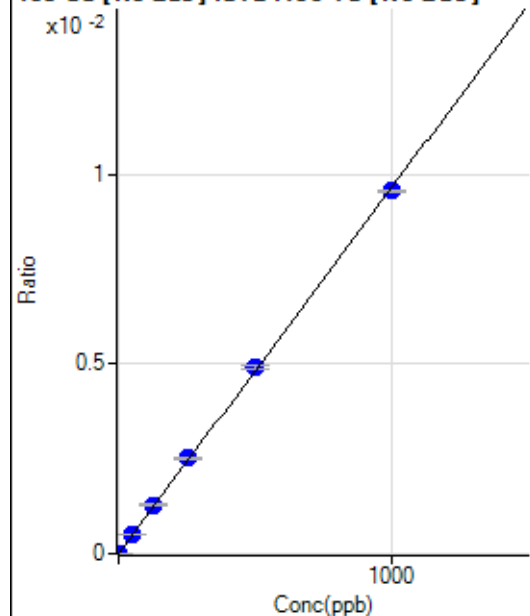
$$R = 0.9999$$

$$DL = 0.01669$$

$$BEC = 0.01383$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	114.8
2	☐	0.100					
3	☐	1.000	0.891	131.95	0.0000	P	7.0
4	☐	50.000	53.522	7670.28	0.0005	P	2.5
5	☐	125.000	133.752	18962.95	0.0013	P	1.7
6	☐	250.000	261.335	36913.66	0.0025	P	2.0
7	☐	500.000	507.974	71786.37	0.0049	P	2.1
8	☐	1000.000	991.910	139989.86	0.0096	P	0.5
9	☐			55.56	0.0000	P	24.4

$$y = 9.6512\text{E-}006 * x + 3.7563\text{E-}007$$

$$R = 0.9999$$

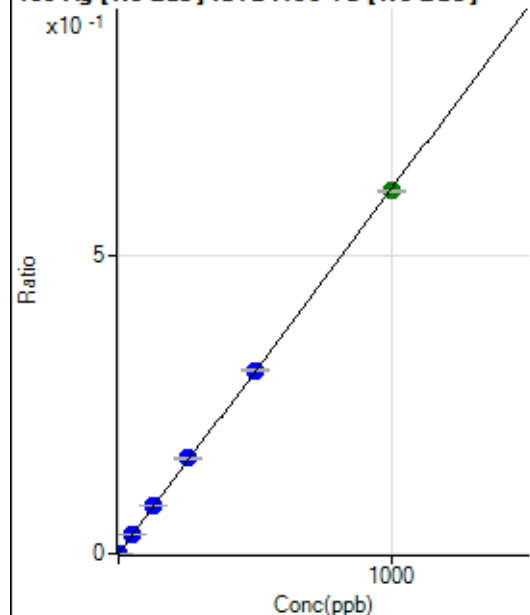
$$DL = 0.134$$

$$BEC = 0.03892$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.955	8666.89	0.0006	P	7.9
4	☐	50.000	52.455	474847.74	0.0320	P	0.8
5	☐	125.000	131.711	1179869.08	0.0803	P	0.7
6	☐	250.000	261.527	2334334.17	0.1595	P	0.9
7	☐	500.000	502.865	4491000.88	0.3067	P	0.6
8	☐	1000.000	994.724	8871687.26	0.6067	A	0.6
9	☐			855.63	0.0001	P	17.6

$$y = 6.0992\text{E-}004 * x + 7.4973\text{E-}006$$

$$R = 0.9999$$

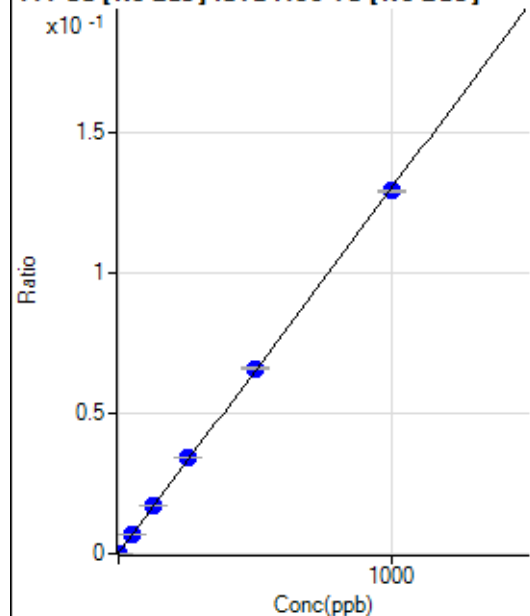
$$DL = 0.008349$$

$$BEC = 0.01229$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2567.95	0.0002	P	2.4
2	☐	0.100					
3	☐	1.000	1.076	4600.55	0.0003	P	1.2
4	☐	50.000	52.392	103469.81	0.0070	P	0.1
5	☐	125.000	130.872	251972.97	0.0172	P	1.1
6	☐	250.000	262.010	500144.33	0.0342	P	0.1
7	☐	500.000	506.685	965358.59	0.0659	P	0.4
8	☐	1000.000	992.801	1886564.35	0.1290	P	0.5
9	☐			2685.44	0.0002	P	7.4

$$y = 1.2978\text{E-}004 * x + 1.7333\text{E-}004$$

$$R = 0.9999$$

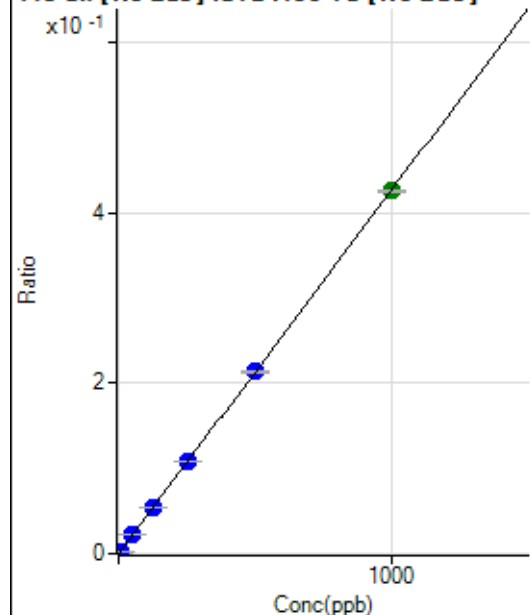
$$DL = 0.0974$$

$$BEC = 1.336$$

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	588.93	0.0000	P	20.2
2	☐	0.500					
3	☐	5.000	4.693	30052.49	0.0020	P	0.4
4	☐	50.000	50.491	320591.83	0.0216	P	0.5
5	☐	125.000	127.334	799276.66	0.0544	P	0.3
6	☐	250.000	255.462	1597276.54	0.1091	P	0.2
7	☐	500.000	500.704	3131837.85	0.2139	P	0.8
8	☐	1000.000	997.968	6233218.63	0.4263	A	0.2
9	☐			9901.09	0.0007	P	2.1

$$y = 4.2710\text{E-}004 * x + 3.9756\text{E-}005$$

$$R = 1.0000$$

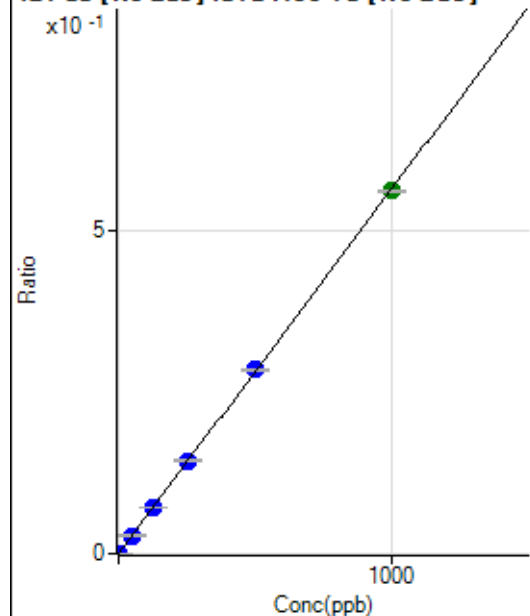
$$DL = 0.05632$$

$$BEC = 0.09308$$

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	33.33	0.0000	P	25.3
2	☐	0.200					
3	☐	2.000	1.820	15119.83	0.0010	P	0.4
4	☐	50.000	49.954	417971.43	0.0282	P	1.3
5	☐	125.000	126.221	1045185.30	0.0712	P	0.9
6	☐	250.000	255.633	2109268.28	0.1441	P	0.7
7	☐	500.000	505.871	4176362.29	0.2852	P	0.9
8	☐	1000.000	995.506	8207652.27	0.5613	A	0.6
9	☐			13265.06	0.0009	P	2.8

$$y = 5.6384\text{E-}004 * x + 2.2512\text{E-}006$$

$$R = 1.0000$$

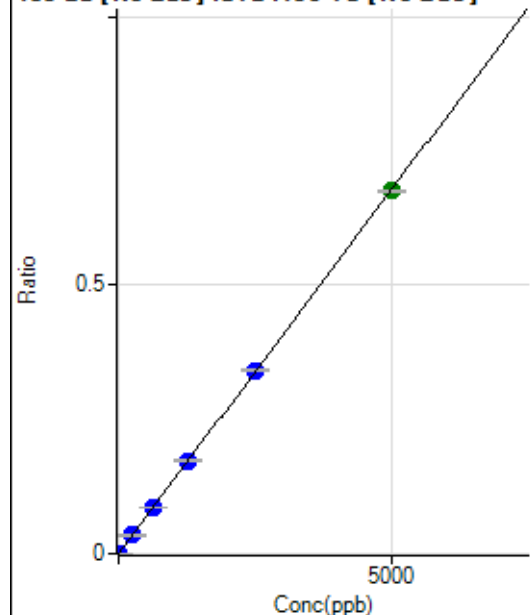
$$DL = 0.00303$$

$$BEC = 0.003993$$

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	44.44	0.0000	P	21.6
2	☐	1.000					
3	☐	10.000	9.232	18449.00	0.0013	P	2.2
4	☐	250.000	251.326	505786.93	0.0341	P	1.0
5	☐	625.000	627.034	1248848.43	0.0850	P	0.7
6	☐	1250.000	1277.605	2535480.27	0.1733	P	0.6
7	☐	2500.000	2519.594	5002962.83	0.3417	P	1.1
8	☐	5000.000	4982.983	9881286.59	0.6758	A	0.3
9	☐			3292.22	0.0002	P	8.4

$$y = 1.3561\text{E-}004 * x + 3.0000\text{E-}006$$

$$R = 1.0000$$

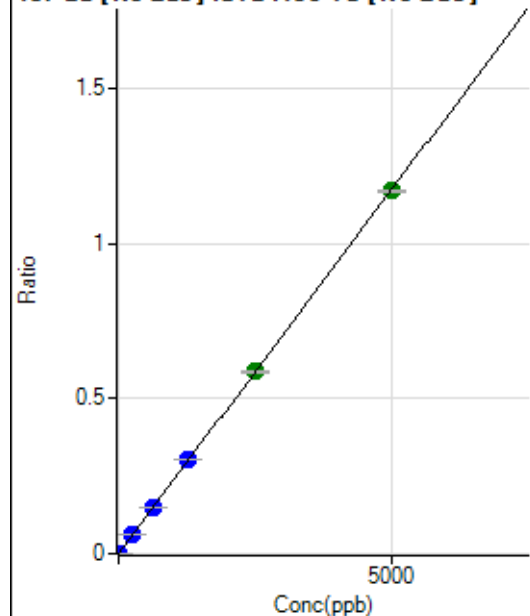
$$DL = 0.01437$$

$$BEC = 0.02212$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	16.6
2	☐	1.000					
3	☐	10.000	9.172	31762.26	0.0022	P	1.4
4	☐	250.000	252.598	880915.68	0.0594	P	1.1
5	☐	625.000	636.248	2195913.09	0.1495	P	0.9
6	☐	1250.000	1298.488	4465636.38	0.3052	P	0.7
7	☐	2500.000	2503.874	8615719.11	0.5884	A	1.0
8	☐	5000.000	4984.407	17128414.27	1.1714	A	0.2
9	☐			5759.76	0.0004	P	8.0

$$y = 2.3501\text{E-}004 * x + 5.2514\text{E-}006$$

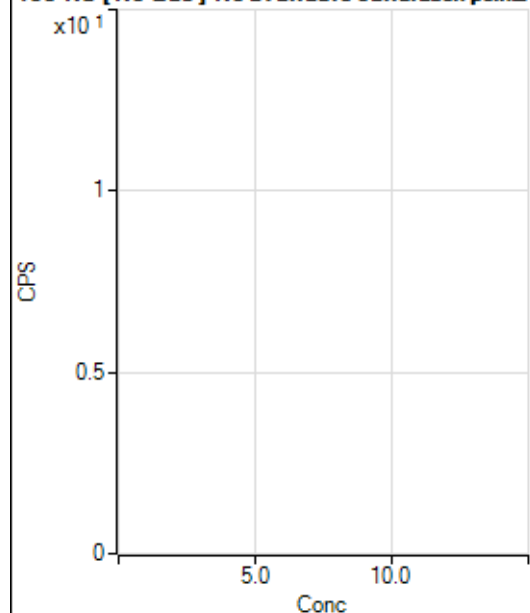
$$R = 0.9999$$

$$DL = 0.01112$$

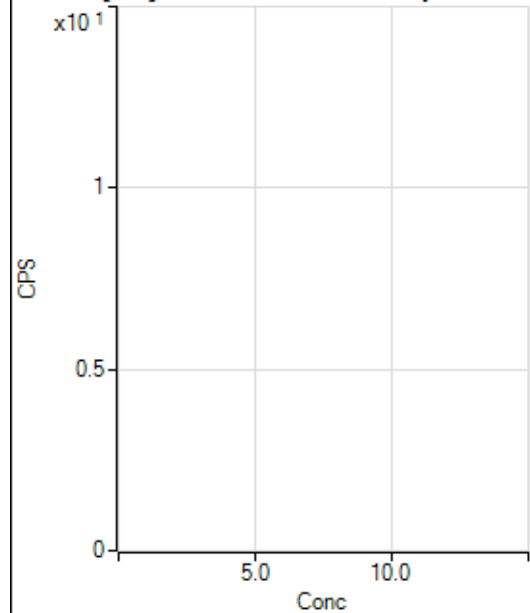
$$BEC = 0.02235$$

Weight: <None>

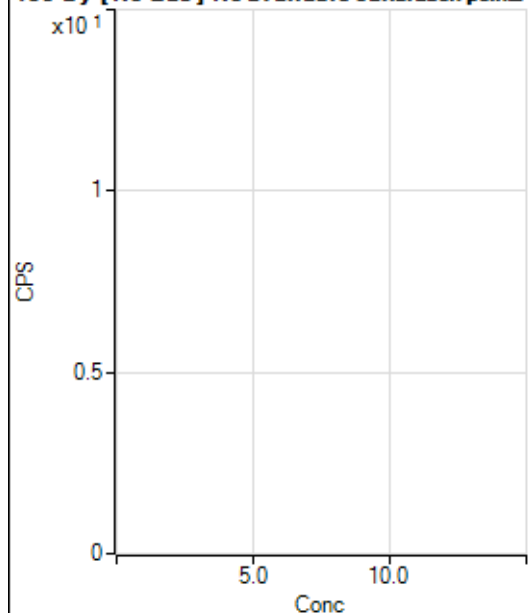
Min Conc: 0

150 Nd [No Gas] No available calibration points

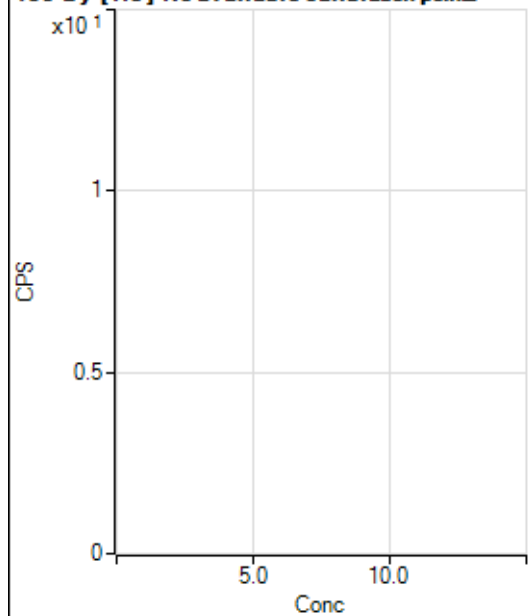
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			4.45		P	86.6
4	☐			22.22		P	34.7
5	☐			93.34		P	18.9
6	☐			180.01		P	9.8
7	☐			322.24		P	12.1
8	☐			662.26		P	12.6
9	☐			100.00		P	20.0

150 Nd [He] No available calibration points

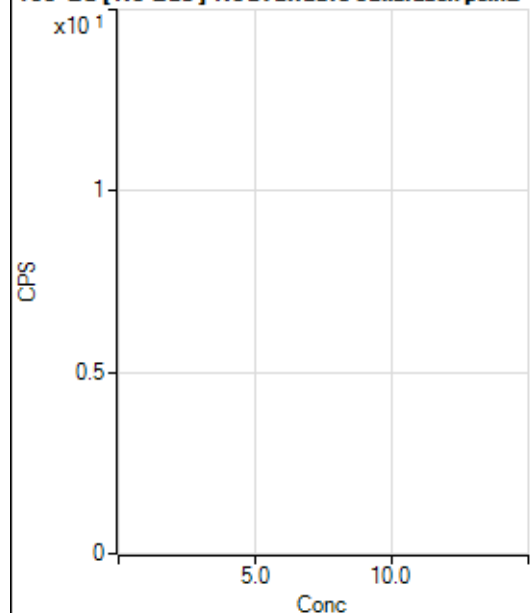
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			4.44		P	43.4
5	☐			15.56		P	75.3
6	☐			24.45		P	28.4
7	☐			44.44		P	17.3
8	☐			73.33		P	22.7
9	☐			41.11		P	16.9

156 Dy [No Gas] No available calibration points

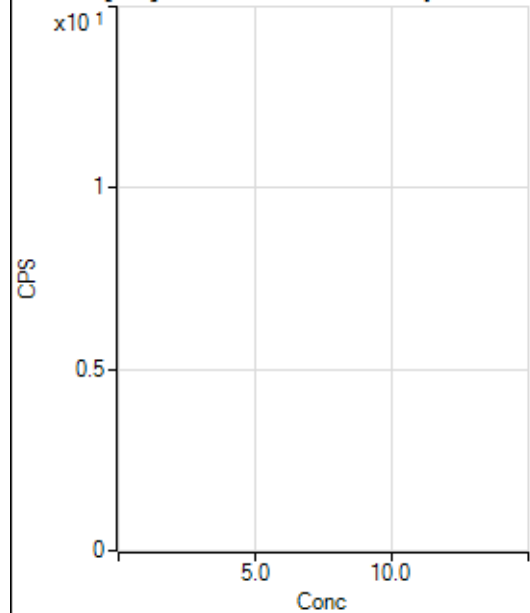
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.33		P	0.0
4	☐			16.66		P	86.6
5	☐			19.44		P	65.5
6	☐			47.22		P	81.5
7	☐			86.12		P	29.6
8	☐			152.79		P	42.4
9	☐			72.23		P	17.6

156 Dy [He] No available calibration points

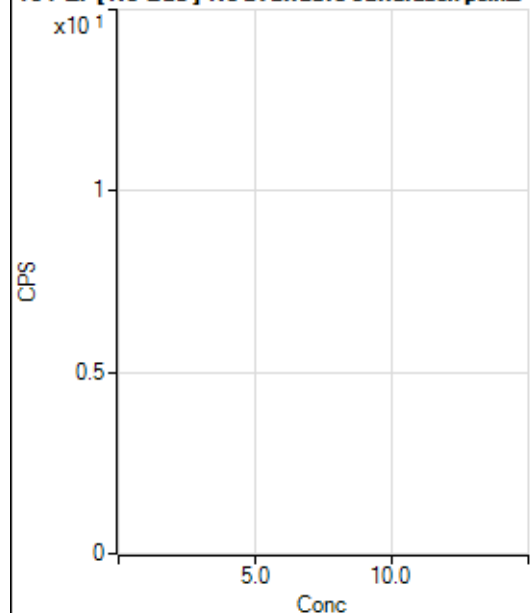
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			4.44		P	114.6
4	☐			12.22		P	68.7
5	☐			18.89		P	62.0
6	☐			35.56		P	5.4
7	☐			54.44		P	15.4
8	☐			122.23		P	22.0
9	☐			40.00		P	8.3

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

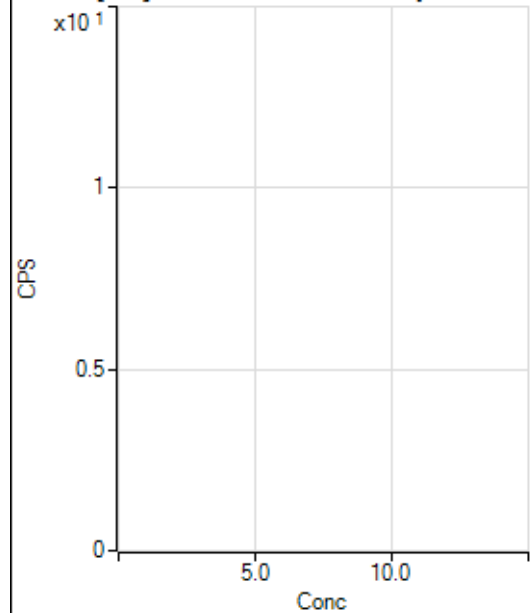
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.89		P	30.5
2	☐						
3	☐			88.89		P	44.3
4	☐			83.34		P	60.0
5	☐			88.89		P	32.9
6	☐			80.56		P	23.9
7	☐			102.78		P	16.9
8	☐			105.56		P	32.9
9	☐			152.79		P	35.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			197.78		P	9.7
2	☐						
3	☐			168.90		P	28.8
4	☐			197.78		P	8.6
5	☐			180.00		P	16.1
6	☐			157.78		P	10.0
7	☐			153.34		P	26.4
8	☐			186.67		P	14.2
9	☐			187.78		P	3.7

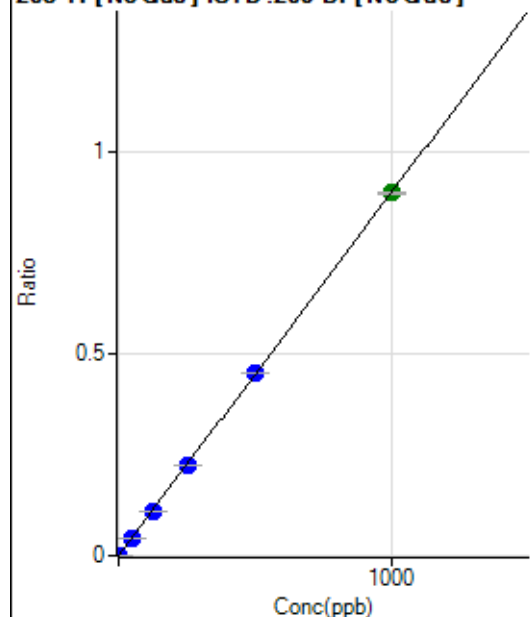
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	17.6
2	☐						
3	☐			44.44		P	43.3
4	☐			38.89		P	32.7
5	☐			50.00		P	33.3
6	☐			52.78		P	63.8
7	☐			66.67		P	12.5
8	☐			58.34		P	24.7
9	☐			83.34		P	26.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	57.3
2	☐						
3	☐			32.22		P	23.9
4	☐			17.78		P	43.3
5	☐			26.67		P	25.0
6	☐			32.22		P	15.8
7	☐			26.67		P	54.5
8	☐			32.22		P	36.3
9	☐			30.00		P	33.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.889	7819.30	0.0008	P	3.4
4	☐	50.000	48.257	413232.62	0.0435	P	0.9
5	☐	125.000	122.224	1032801.77	0.1102	P	0.7
6	☐	250.000	250.308	2118656.91	0.2256	P	0.4
7	☐	500.000	502.611	4243180.61	0.4530	P	0.5
8	☐	1000.000	999.052	8377322.06	0.9005	A	0.4
9	☐			3164.41	0.0004	P	5.1

$$y = 9.0129\text{E-}004 * x + 2.3117\text{E-}005$$

$$R = 1.0000$$

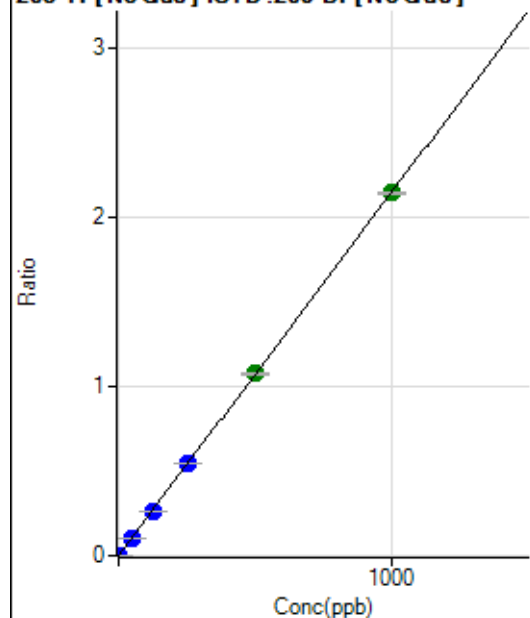
$$DL = 0.01387$$

$$BEC = 0.02565$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.59	0.0001	P	23.6
2	☐	0.100					
3	☐	1.000	0.886	18583.14	0.0020	P	2.1
4	☐	50.000	48.216	983055.60	0.1035	P	0.7
5	☐	125.000	122.911	2472843.50	0.2638	P	1.0
6	☐	250.000	253.510	5108853.85	0.5441	P	0.5
7	☐	500.000	500.858	10067331.65	1.0748	A	0.5
8	☐	1000.000	999.044	19945819.20	2.1439	A	0.5
9	☐			7146.70	0.0008	P	4.3

$$y = 0.0021 * x + 5.7801\text{E-}005$$

$$R = 1.0000$$

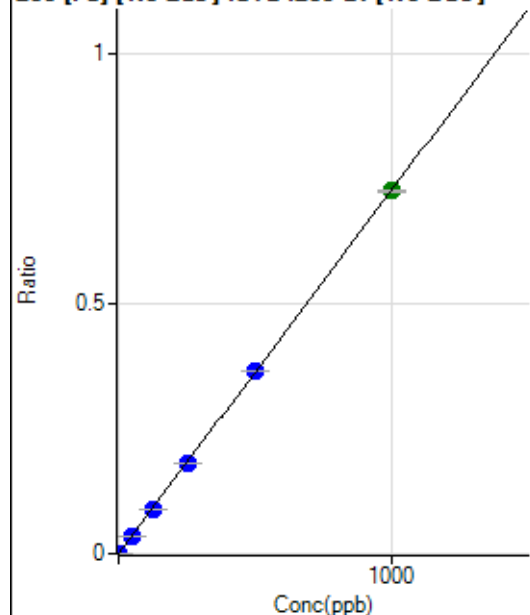
$$DL = 0.01908$$

$$BEC = 0.02694$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.72	0.0000	P	19.5
2	☐	0.100					
3	☐	1.000	0.883	6485.11	0.0007	P	1.5
4	☐	50.000	48.889	337787.88	0.0356	P	0.4
5	☐	125.000	123.287	840241.48	0.0896	P	1.4
6	☐	250.000	250.952	1712982.07	0.1824	P	0.2
7	☐	500.000	503.057	3424663.64	0.3656	P	0.2
8	☐	1000.000	998.503	6751656.28	0.7257	A	0.7
9	☐			14120.81	0.0016	P	1.4

$$y = 7.2675\text{E-}004 * x + 4.1960\text{E-}005$$

$$R = 1.0000$$

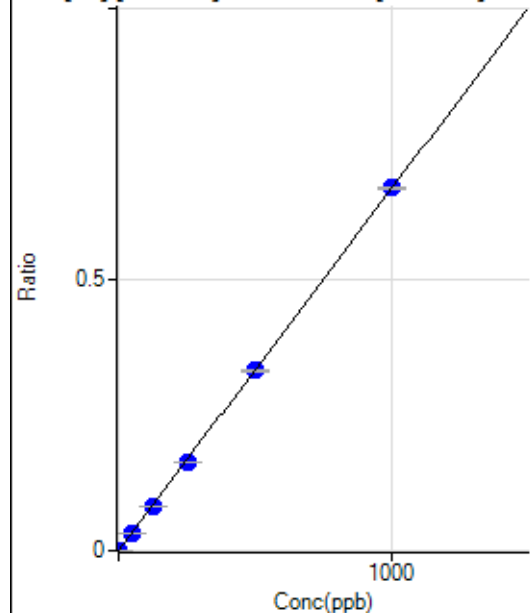
$$DL = 0.0338$$

$$BEC = 0.05774$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	348.16	0.0000	P	23.3
2	☐	0.100					
3	☐	1.000	0.880	5918.14	0.0006	P	3.9
4	☐	50.000	47.926	304067.32	0.0320	P	0.8
5	☐	125.000	121.531	760580.71	0.0811	P	0.9
6	☐	250.000	246.785	1546884.52	0.1647	P	0.1
7	☐	500.000	497.047	3107243.85	0.3317	P	0.2
8	☐	1000.000	1002.818	6226672.71	0.6693	P	0.5
9	☐			12083.57	0.0014	P	1.7

$$y = 6.6736\text{E-}004 * x + 3.6225\text{E-}005$$

$$R = 1.0000$$

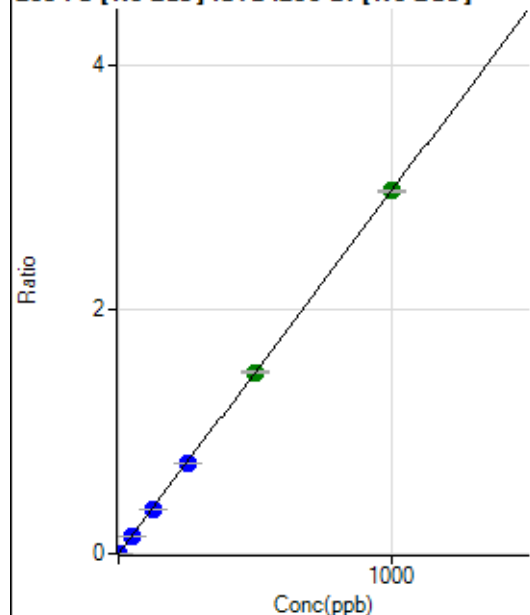
$$DL = 0.03793$$

$$BEC = 0.05428$$

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	1642.69	0.0002	P	4.5
2	☐	0.100					
3	☐	1.000	0.885	26540.77	0.0028	P	1.1
4	☐	50.000	48.367	1365190.60	0.1438	P	0.4
5	☐	125.000	122.543	3411812.54	0.3640	P	1.0
6	☐	250.000	250.382	6981903.89	0.7435	P	0.4
7	☐	500.000	500.788	13927123.34	1.4869	A	0.3
8	☐	1000.000	999.900	27619656.17	2.9687	A	0.3
9	☐			55507.73	0.0065	P	1.0

$$y = 0.0030 * x + 1.7078E-004$$

$$R = 1.0000$$

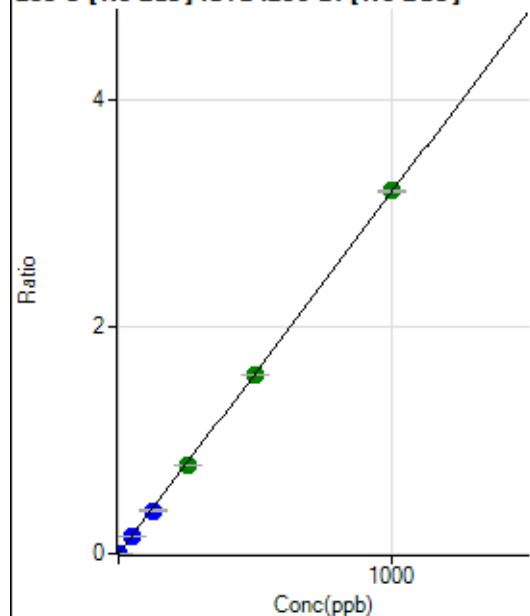
$$DL = 0.007721$$

$$BEC = 0.05752$$

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	11.11	0.0000	P	42.6
2	☐	0.100					
3	☐	1.000	0.862	26012.95	0.0027	P	3.1
4	☐	50.000	46.666	1408251.83	0.1483	P	0.2
5	☐	125.000	119.714	3566079.66	0.3804	P	0.4
6	☐	250.000	244.384	7292796.17	0.7766	A	0.3
7	☐	500.000	495.977	14762885.75	1.5762	A	0.5
8	☐	1000.000	1004.243	29690440.24	3.1914	A	0.5
9	☐			2933.80	0.0003	P	5.9

$$y = 0.0032 * x + 1.1527E-006$$

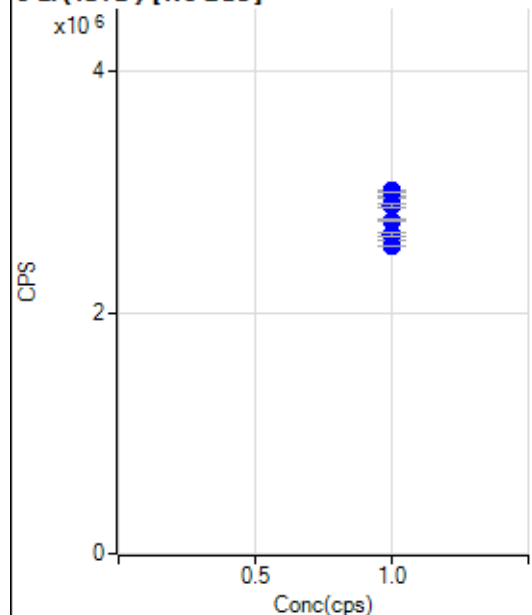
$$R = 1.0000$$

$$DL = 0.0004637$$

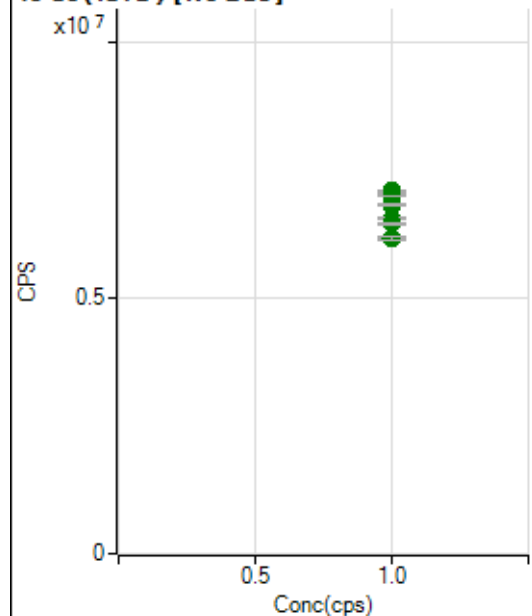
$$BEC = 0.0003627$$

Weight: <None>

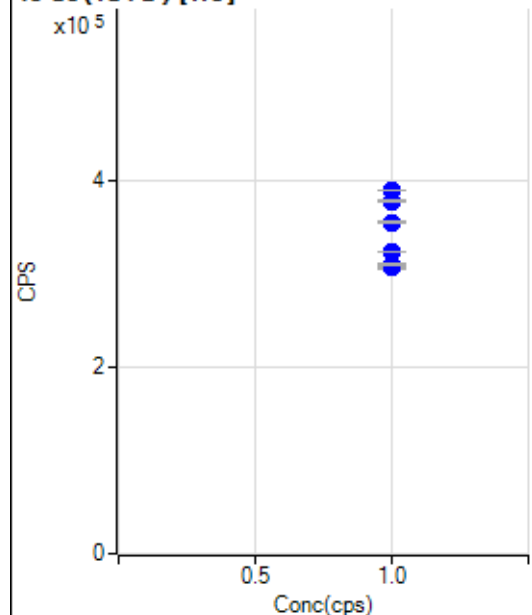
Min Conc: 0

6 Li (ISTD) [No Gas]

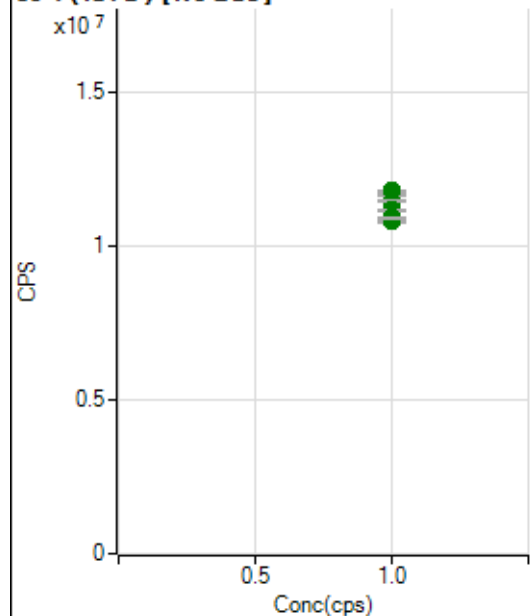
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2956478.39		P	0.7
2	☐	1.000					
3	☐	1.000		3010380.06		P	0.3
4	☐	1.000		2995611.93		P	0.0
5	☐	1.000		2889796.21		P	0.7
6	☐	1.000		2766289.51		P	0.5
7	☐	1.000		2599339.82		P	0.1
8	☐	1.000		2548729.70		P	0.2
9	☐	1.000		2653871.35		P	1.2

45 Sc (ISTD) [No Gas]

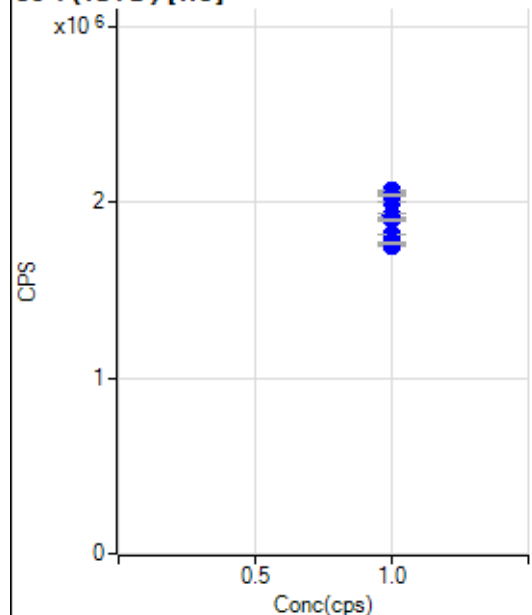
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7091469.08		A	0.4
2	☐	1.000					
3	☐	1.000		7045708.23		A	0.5
4	☐	1.000		6992029.24		A	0.5
5	☐	1.000		6809807.10		A	0.4
6	☐	1.000		6555676.19		A	0.5
7	☐	1.000		6160937.85		A	0.2
8	☐	1.000		6172058.86		A	1.0
9	☐	1.000		6457918.03		A	0.4

45 Sc (ISTD) [He]

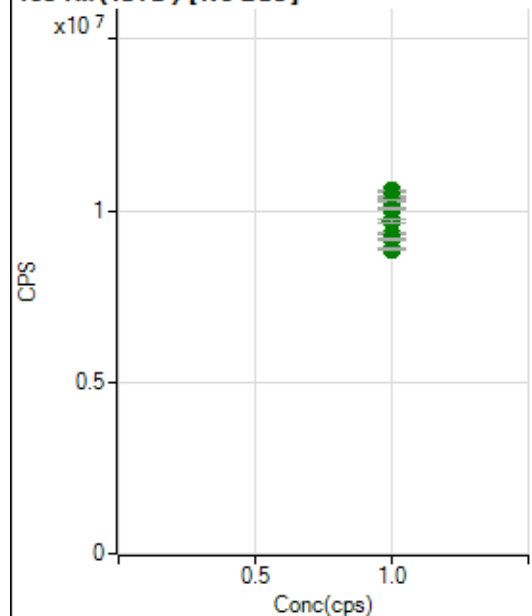
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		377179.46		P	0.1
2	☐	1.000					
3	☐	1.000		388582.32		P	0.1
4	☐	1.000		377622.31		P	0.5
5	☐	1.000		353841.63		P	0.3
6	☐	1.000		322867.80		P	0.2
7	☐	1.000		306313.59		P	0.3
8	☐	1.000		309872.23		P	0.4
9	☐	1.000		355035.12		P	0.5

89 Y (ISTD) [No Gas]

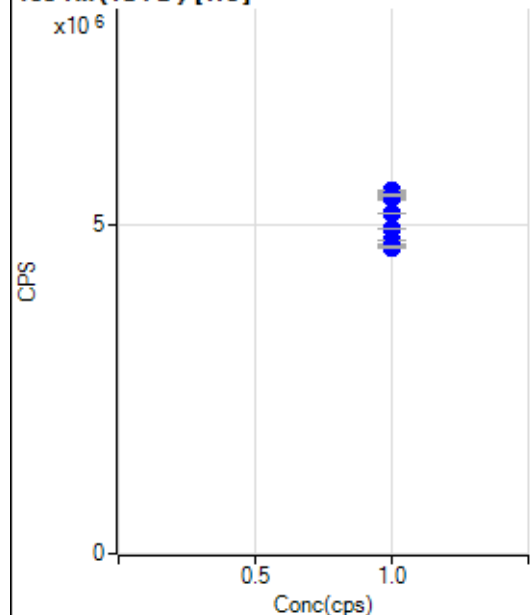
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11796488.30		A	0.6
2	☐	1.000					
3	☐	1.000		11699517.05		A	0.4
4	☐	1.000		11639944.69		A	0.1
5	☐	1.000		11473327.89		A	0.4
6	☐	1.000		11163587.19		A	0.7
7	☐	1.000		10793694.70		A	0.3
8	☐	1.000		10847529.00		A	0.4
9	☐	1.000		10927297.06		A	0.5

89 Y(ISTD) [He]

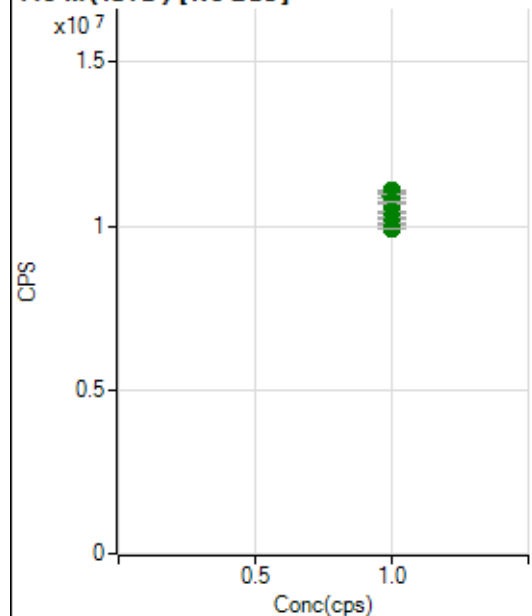
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2006680.23		P	0.4
2	☐	1.000					
3	☐	1.000		2067208.46		P	0.6
4	☐	1.000		2039548.47		P	0.4
5	☐	1.000		1925758.29		P	1.0
6	☐	1.000		1818933.79		P	0.2
7	☐	1.000		1755303.27		P	0.1
8	☐	1.000		1771877.33		P	0.3
9	☐	1.000		1905204.14		P	0.4

103 Rh(ISTD) [No Gas]

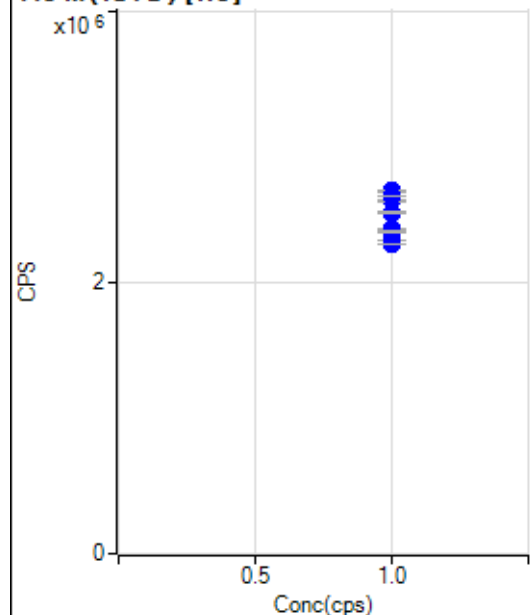
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10574442.42		A	0.2
2	☐	1.000					
3	☐	1.000		10400275.67		A	0.5
4	☐	1.000		10270033.74		A	0.4
5	☐	1.000		10041831.13		A	0.7
6	☐	1.000		9690580.51		A	0.7
7	☐	1.000		9323915.66		A	1.0
8	☐	1.000		9170992.22		A	0.4
9	☐	1.000		8875518.78		A	0.3

103 Rh (ISTD) [He]

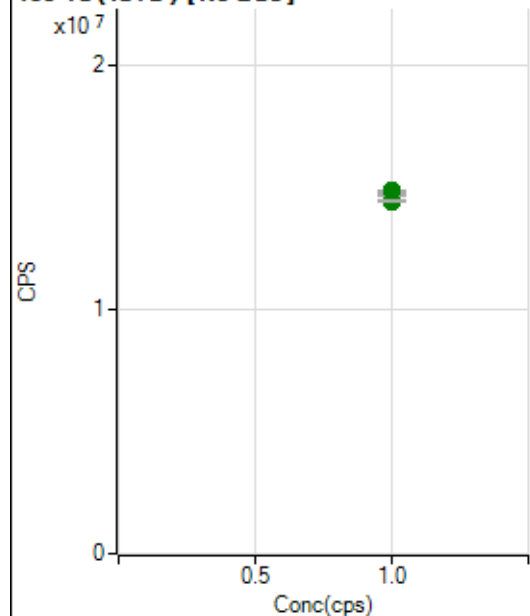
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5399947.42		P	0.2
2	☐	1.000					
3	☐	1.000		5521578.81		P	0.8
4	☐	1.000		5451347.77		P	0.4
5	☐	1.000		5177501.62		P	0.2
6	☐	1.000		4936185.62		P	0.1
7	☐	1.000		4772284.10		P	0.3
8	☐	1.000		4690732.99		P	0.6
9	☐	1.000		4655552.22		P	0.6

115 In (ISTD) [No Gas]

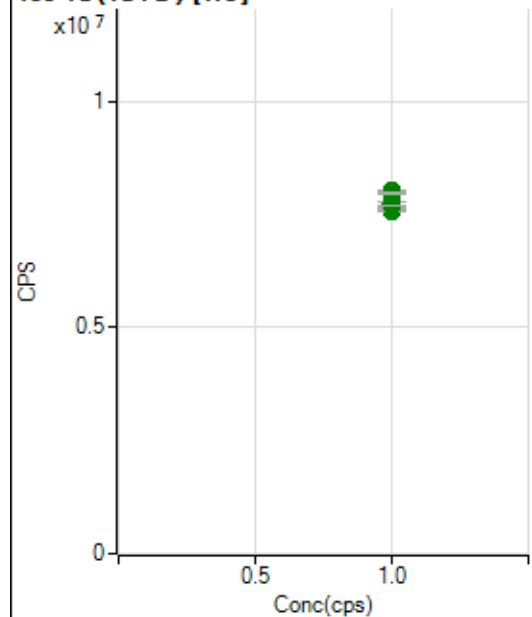
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11068912.04		A	0.6
2	☐	1.000					
3	☐	1.000		10959653.60		A	0.2
4	☐	1.000		10913019.85		A	0.6
5	☐	1.000		10719334.85		A	0.6
6	☐	1.000		10435666.12		A	0.6
7	☐	1.000		10244428.05		A	0.3
8	☐	1.000		10067050.34		A	0.7
9	☐	1.000		9902769.32		A	0.0

115 In (ISTD) [He]

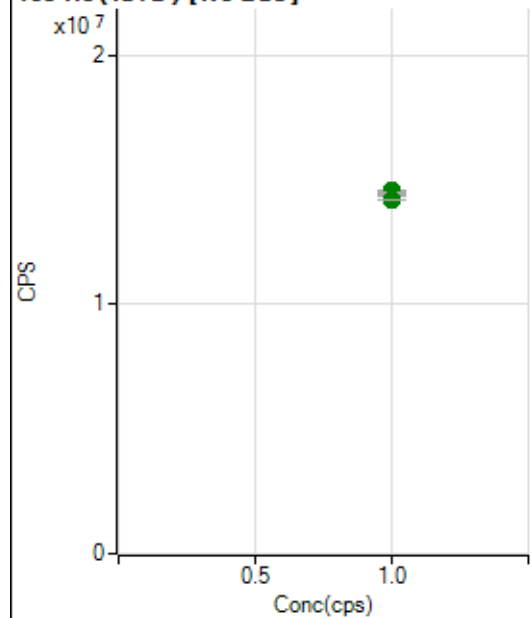
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2605436.82		P	0.2
2	☐	1.000					
3	☐	1.000		2676885.48		P	0.6
4	☐	1.000		2641461.18		P	0.2
5	☐	1.000		2516593.64		P	0.5
6	☐	1.000		2396967.61		P	0.4
7	☐	1.000		2310551.28		P	0.2
8	☐	1.000		2287214.47		P	0.2
9	☐	1.000		2374585.96		P	0.5

159 Tb (ISTD) [No Gas]

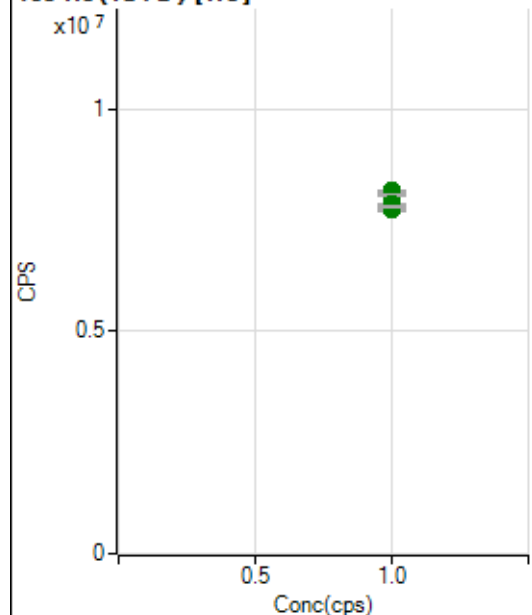
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14814330.33		A	0.3
2	☐	1.000					
3	☐	1.000		14700209.23		A	0.6
4	☐	1.000		14839148.67		A	0.6
5	☐	1.000		14686152.97		A	0.5
6	☐	1.000		14634051.31		A	0.5
7	☐	1.000		14642279.92		A	0.5
8	☐	1.000		14622532.56		A	0.2
9	☐	1.000		14413920.20		A	0.4

159 Tb (ISTD) [He]

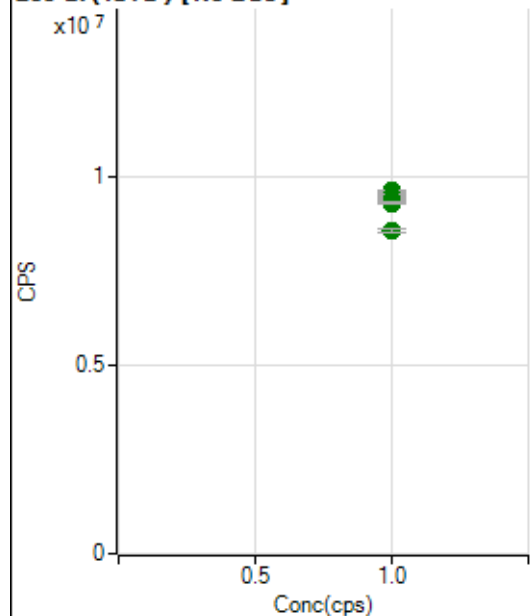
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8013307.80		A	0.5
2	☐	1.000					
3	☐	1.000		7974275.51		A	0.4
4	☐	1.000		7949282.17		A	0.4
5	☐	1.000		7729445.16		A	0.6
6	☐	1.000		7617184.95		A	0.2
7	☐	1.000		7580072.73		A	0.4
8	☐	1.000		7579471.07		A	0.2
9	☐	1.000		7687554.40		A	0.4

165 Ho (ISTD) [No Gas]

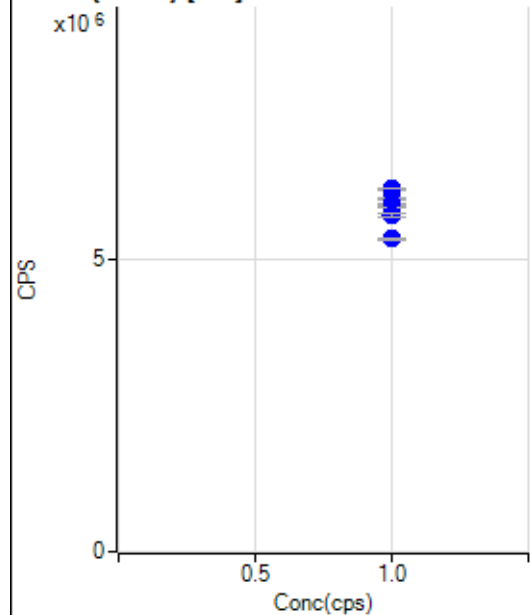
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14560436.96		A	0.5
2	☐	1.000					
3	☐	1.000		14383043.20		A	0.4
4	☐	1.000		14477176.19		A	0.4
5	☐	1.000		14441556.75		A	0.3
6	☐	1.000		14409134.52		A	0.1
7	☐	1.000		14392269.77		A	0.9
8	☐	1.000		14454322.54		A	0.6
9	☐	1.000		14203363.16		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8160031.61		A	0.4
2	☐	1.000					
3	☐	1.000		8074776.13		A	0.4
4	☐	1.000		8074020.50		A	0.3
5	☐	1.000		7854603.70		A	0.3
6	☐	1.000		7789398.29		A	0.2
7	☐	1.000		7728164.61		A	0.4
8	☐	1.000		7750432.94		A	0.2
9	☐	1.000		7802079.26		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9620865.34		A	0.7
2	☐	1.000					
3	☐	1.000		9488816.25		A	0.5
4	☐	1.000		9496085.34		A	0.4
5	☐	1.000		9373651.67		A	0.3
6	☐	1.000		9390281.74		A	0.4
7	☐	1.000		9366204.10		A	0.6
8	☐	1.000		9303480.28		A	0.5
9	☐	1.000		8565349.45		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6020240.95		P	0.2
2	☐	1.000					
3	☐	1.000		6178660.53		P	0.6
4	☐	1.000		6193466.16		P	0.1
5	☐	1.000		5940204.56		P	0.5
6	☐	1.000		5903337.69		P	0.6
7	☐	1.000		5864274.57		P	0.1
8	☐	1.000		5743229.36		P	0.9
9	☐	1.000		5344827.56		P	0.5

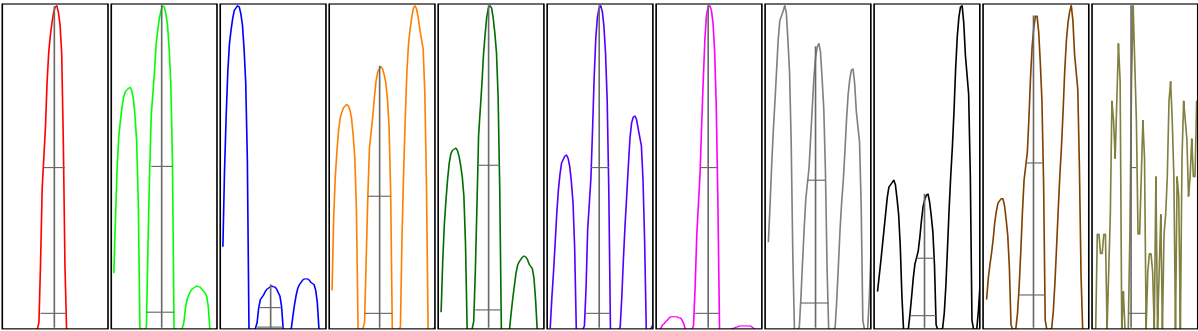
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7051018 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7425	0.32	5.00	
24	97809	0.26	5.00	
25	13062	0.32	5.00	
26	15400	0.31	5.00	
59	65748	0.35	5.00	
113	9684	0.68	5.00	
115	161930	0.79	5.00	
206	24980	0.47	5.00	
207	23016	0.82	5.00	
208	53866	0.87	5.00	
220	0	36.42		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7440	7412	7458	7416	7398
24	97671	97586	98014	97625	98150
25	13071	13038	13132	13029	13041
26	15339	15426	15459	15407	15368
59	65659	66082	65856	65660	65483
113	9756	9700	9733	9612	9617
115	162353	163413	162714	160593	160577
206	24906	25058	25133	24966	24840
207	23300	23071	23019	22849	22840
208	54540	53958	53878	53721	53231
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13085	9.00	8.9 - 9.1		0.779	0.900	
24	159566	23.95	23.9 - 24.1		0.786	0.900	
25	21255	24.95	24.9 - 25.1		0.782	0.900	
26	24862	25.95	25.9 - 26.1		0.787	0.900	
59	112769	58.95	58.9 - 59.1		0.781	0.900	
113	18969	113.00	112.9 - 113.1		0.727	0.900	
115	318021	115.00	114.9 - 115.1		0.727	0.900	
206	47047	205.95	205.9 - 206.1		0.788	0.900	
207	43205	206.95	206.9 - 207.1		0.747	0.900	
208	103523	207.95	207.9 - 208.1		0.756	0.900	
220	1	219.65	-		0.487		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	15.4	V
Extract 2	-175.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	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	19024	0.72	
89	52146	1.06	
205	17438	0.64	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	19248	18956	18891	18980	19046
89	53072	51874	51893	51678	52214
205	17626	17442	17345	17399	17377

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	2.8	V
Extract 2	-205.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:50:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.06	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.10	0.12	-0.22	0.00	N/A	ppb
Boron	11-1	0.06	0.09	-0.15	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.03	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.06	-0.38	0.44	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.05	-0.01	0.00	N/A	ppb
Calcium	43-1	0.86	0.59	-1.45	0.00	N/A	ppb
Calcium	44-1	-0.55	-0.63	1.18	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.01	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	0.01	-0.01	0.00	0.00	N/A	ppb
Iron	57-2	-0.42	-0.42	0.83	0.00	N/A	ppb
Lead	206-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.19	0.02	0.17	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:50:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-8.32	-9.91	5.67	-4.19		ppb
Potassium	39-2	-1.74	4.49	-2.75	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.16	-0.16	0.32	0.00	N/A	ppb
Selenium	78-2	0.32	0.09	-0.41	0.00	N/A	ppb
Selenium	82-1	-0.64	0.63	0.00	0.00	N/A	ppb
Silicon	28-1	0.02	-0.29	0.27	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	0.01	0.00	N/A	ppb
Sodium	23-2	0.28	-0.47	0.19	0.00	N/A	ppb
Strontium	86-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	76.66	-71.52	-178.90	-57.92		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	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-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	0.05	-0.01	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:50:53	DataFile Name :	003CALB.d

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:59:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.73	18.36	20.01	20.04	8.42	ppb
Antimony	121-1	1.82	1.81	1.82	1.82	0.43	ppb
Arsenic	75-2	1.02	1.06	0.96	1.01	4.93	ppb
Barium	135-1	9.19	9.45	9.05	9.23	2.17	ppb
Barium	137-1	9.28	9.03	9.21	9.17	1.41	ppb
Beryllium	9-1	1.03	0.98	0.99	1.00	2.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	23.77	22.28	21.51	22.52	5.12	ppb
Boron	11-1	22.20	22.29	22.14	22.21	0.35	ppb
Cadmium	111-1	1.07	1.10	1.05	1.08	2.64	ppb
Cadmium	106-1	3.14	3.17	2.27	2.86	17.86	ppb
Cadmium	108-1	0.97	0.87	0.84	0.89	7.36	ppb
Calcium	43-1	449.04	438.43	422.68	436.72	3.04	ppb
Calcium	44-1	434.34	426.82	428.22	429.80	0.93	ppb
Chromium	52-2	1.93	1.85	1.86	1.88	2.09	ppb
Cobalt	59-2	0.93	0.88	0.89	0.90	3.51	ppb
Copper	63-2	1.87	1.89	1.90	1.89	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	47.06	47.23	47.16	47.15	0.18	ppb
Iron	57-2	48.42	46.86	49.19	48.16	2.47	ppb
Lead	206-1	0.87	0.89	0.89	0.88	1.59	ppb
Lead	207-1	0.90	0.91	0.84	0.88	4.16	ppb
Lead	208-1	0.89	0.89	0.87	0.88	1.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	461.02	459.76	465.38	462.05	0.64	ppb
Manganese	55-2	0.97	0.92	0.93	0.94	2.69	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:59:09	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.60	4.47	4.61	4.56	1.70	ppb
Molybdenum	95-1	4.46	4.44	4.45	4.45	0.17	ppb
Molybdenum	96-1	4.46	4.48	4.41	4.45	0.79	ppb
Molybdenum	97-1	4.58	4.53	4.46	4.53	1.26	ppb
Molybdenum	98-1	4.38	4.50	4.34	4.41	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.97	1.06	0.98	7.58	ppb
Phosphorus	31-2	20.50	-16.23	8.29	4.19	446.87	ppb
Potassium	39-2	465.34	455.92	462.80	461.36	1.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	4.92	6.37	1.22	4.17	63.62	ppb
Selenium	78-2	3.91	3.91	3.81	3.88	1.51	ppb
Selenium	82-1	4.60	4.41	4.66	4.56	2.89	ppb
Silicon	28-1	18.60	18.10	16.69	17.80	5.57	ppb
Silver	109-1	1.04	0.90	0.92	0.95	7.96	ppb
Silver	107-1	0.96	0.94	0.92	0.94	2.10	ppb
Sodium	23-2	457.97	451.45	463.80	457.74	1.35	ppb
Strontium	86-1	0.90	0.80	1.01	0.90	11.65	ppb
Strontium	88-1	0.90	0.90	0.93	0.91	2.15	ppb
Sulfur	34-1	141.36	52.65	-20.25	57.92	139.74	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.86	0.92	0.89	3.46	ppb
Thallium	205-1	0.86	0.90	0.89	0.89	2.19	ppb
Tin	118-1	4.70	4.71	4.67	4.69	0.40	ppb
Titanium	47-1	4.48	4.68	4.72	4.63	2.77	ppb
Uranium	238-1	0.89	0.85	0.85	0.86	3.05	ppb
Vanadium	51-2	4.35	4.35	4.40	4.37	0.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	2.03	1.94	2.00	1.99	2.13	ppb
Zirconium	90-1	0.94	0.91	0.91	0.92	2.08	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:59:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.96	0.96	0.96	0.07	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:03:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.82	1010.27	993.38	1001.82	0.84	ppb
Antimony	121-1	50.38	49.19	50.29	49.95	1.32	ppb
Arsenic	75-2	52.89	50.74	51.05	51.56	2.25	ppb
Barium	135-1	252.91	248.56	252.51	251.33	0.96	ppb
Barium	137-1	255.56	249.99	252.25	252.60	1.11	ppb
Beryllium	9-1	50.45	50.93	51.00	50.79	0.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	47.99	48.43	49.36	48.59	1.45	ppb
Boron	11-1	48.32	50.56	49.93	49.60	2.33	ppb
Cadmium	111-1	52.35	52.38	52.44	52.39	0.09	ppb
Cadmium	106-1	52.63	52.65	54.76	53.35	2.30	ppb
Cadmium	108-1	53.81	52.08	54.68	53.52	2.48	ppb
Calcium	43-1	4866.36	4875.59	4907.90	4883.28	0.45	ppb
Calcium	44-1	4858.30	4817.82	4867.84	4847.99	0.55	ppb
Chromium	52-2	49.28	49.43	49.46	49.39	0.19	ppb
Cobalt	59-2	49.23	48.83	49.25	49.11	0.48	ppb
Copper	63-2	99.75	98.15	98.39	98.77	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2610.44	2602.35	2605.22	2606.00	0.16	ppb
Iron	57-2	2588.20	2567.55	2593.25	2583.00	0.53	ppb
Lead	206-1	49.00	48.68	48.99	48.89	0.38	ppb
Lead	207-1	47.72	47.70	48.37	47.93	0.80	ppb
Lead	208-1	48.30	48.19	48.61	48.37	0.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	5217.88	5130.45	5194.49	5180.94	0.87	ppb
Manganese	55-2	97.84	98.96	97.65	98.15	0.72	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:03:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	245.54	246.86	244.80	245.73	0.42	ppb
Molybdenum	95-1	247.39	248.52	245.88	247.26	0.54	ppb
Molybdenum	96-1	247.24	247.26	246.98	247.16	0.06	ppb
Molybdenum	97-1	245.57	244.15	243.97	244.57	0.36	ppb
Molybdenum	98-1	245.21	244.88	245.80	245.29	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.24	49.70	50.02	50.32	1.62	ppb
Phosphorus	31-2	1053.14	976.30	973.96	1001.13	4.50	ppb
Potassium	39-2	2562.44	2529.62	2530.30	2540.78	0.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	54.58	52.70	54.53	53.94	1.99	ppb
Selenium	78-2	49.86	50.01	54.17	51.35	4.77	ppb
Selenium	82-1	48.59	50.35	51.00	49.98	2.50	ppb
Silicon	28-1	62.33	61.71	62.81	62.28	0.89	ppb
Silver	109-1	52.87	52.08	52.42	52.45	0.76	ppb
Silver	107-1	53.18	53.38	52.53	53.03	0.84	ppb
Sodium	23-2	5168.90	5124.18	5163.71	5152.26	0.47	ppb
Strontium	86-1	49.68	49.90	49.63	49.74	0.29	ppb
Strontium	88-1	49.11	49.31	49.47	49.30	0.37	ppb
Sulfur	34-1	1205.42	781.54	1205.43	1064.13	23.00	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	48.50	47.74	48.53	48.26	0.92	ppb
Thallium	205-1	48.24	47.85	48.57	48.22	0.75	ppb
Tin	118-1	50.56	50.23	50.68	50.49	0.46	ppb
Titanium	47-1	247.03	248.38	245.59	247.00	0.57	ppb
Uranium	238-1	46.73	46.55	46.72	46.67	0.21	ppb
Vanadium	51-2	48.20	48.78	49.14	48.71	0.97	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	99.02	96.47	98.78	98.09	1.44	ppb
Zirconium	90-1	48.66	48.64	48.42	48.57	0.27	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:03:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.09	49.62	49.34	49.35	0.53	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:07:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2525.59	2526.90	2541.52	2531.34	0.35	ppb
Antimony	121-1	125.70	125.45	127.51	126.22	0.89	ppb
Arsenic	75-2	132.26	128.87	130.76	130.63	1.30	ppb
Barium	135-1	622.21	627.63	631.26	627.03	0.73	ppb
Barium	137-1	634.38	631.87	642.49	636.25	0.87	ppb
Beryllium	9-1	126.56	128.10	128.76	127.80	0.88	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	122.78	122.22	129.73	124.91	3.35	ppb
Boron	11-1	121.12	121.21	124.52	122.28	1.58	ppb
Cadmium	111-1	130.45	129.61	132.56	130.87	1.16	ppb
Cadmium	106-1	129.97	132.80	134.49	132.42	1.72	ppb
Cadmium	108-1	131.56	133.62	136.08	133.75	1.69	ppb
Calcium	43-1	12008.95	12235.56	12320.25	12188.25	1.32	ppb
Calcium	44-1	12179.54	12273.22	12465.38	12306.05	1.18	ppb
Chromium	52-2	126.16	125.96	126.03	126.05	0.08	ppb
Cobalt	59-2	125.53	125.94	126.08	125.85	0.23	ppb
Copper	63-2	251.18	253.22	252.89	252.43	0.43	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				96		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	6671.28	6707.41	6682.18	6686.96	0.28	ppb
Iron	57-2	6609.49	6655.10	6690.24	6651.61	0.61	ppb
Lead	206-1	121.91	122.74	125.22	123.29	1.40	ppb
Lead	207-1	120.33	121.75	122.51	121.53	0.91	ppb
Lead	208-1	121.37	122.52	123.74	122.54	0.97	ppb
Lithium	6-1				98		%
Magnesium	24-2	13053.50	13180.76	13158.07	13130.78	0.52	ppb
Manganese	55-2	250.56	252.67	250.13	251.12	0.54	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:07:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	618.73	612.38	623.08	618.06	0.87	ppb
Molybdenum	95-1	618.59	617.38	621.75	619.24	0.36	ppb
Molybdenum	96-1	616.97	622.67	625.76	621.80	0.72	ppb
Molybdenum	97-1	617.37	620.78	621.10	619.75	0.33	ppb
Molybdenum	98-1	620.05	622.52	625.06	622.54	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.16	128.93	129.71	128.93	0.60	ppb
Phosphorus	31-2	2535.47	2722.93	2616.83	2625.07	3.58	ppb
Potassium	39-2	6528.06	6484.08	6507.58	6506.58	0.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	133.40	144.82	115.46	131.23	11.28	ppb
Selenium	78-2	128.42	134.26	127.58	130.09	2.80	ppb
Selenium	82-1	125.78	126.89	126.05	126.24	0.46	ppb
Silicon	28-1	151.07	151.82	152.87	151.92	0.60	ppb
Silver	109-1	131.43	130.92	132.78	131.71	0.73	ppb
Silver	107-1	131.03	130.83	133.30	131.72	1.04	ppb
Sodium	23-2	13003.13	13096.43	13008.96	13036.17	0.40	ppb
Strontium	86-1	123.91	122.46	125.32	123.90	1.15	ppb
Strontium	88-1	124.18	124.34	123.92	124.15	0.17	ppb
Sulfur	34-1	2817.32	2853.95	2952.32	2874.53	2.43	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	121.79	121.69	123.18	122.22	0.68	ppb
Thallium	205-1	122.46	121.95	124.33	122.91	1.02	ppb
Tin	118-1	127.36	126.93	127.71	127.33	0.31	ppb
Titanium	47-1	623.96	618.76	628.76	623.83	0.80	ppb
Uranium	238-1	119.18	119.78	120.18	119.71	0.42	ppb
Vanadium	51-2	124.40	124.97	124.25	124.54	0.30	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	251.37	254.39	249.33	251.70	1.01	ppb
Zirconium	90-1	122.00	122.71	124.38	123.03	0.99	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:07:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.84	122.08	124.79	122.90	1.33	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:11:03	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5070.40	5024.20	4982.02	5025.54	0.88	ppb
Antimony	121-1	255.01	257.78	254.11	255.63	0.75	ppb
Arsenic	75-2	255.54	254.46	253.25	254.42	0.45	ppb
Barium	135-1	1275.56	1285.85	1271.40	1277.60	0.58	ppb
Barium	137-1	1301.22	1306.10	1288.15	1298.49	0.71	ppb
Beryllium	9-1	257.18	257.60	257.68	257.49	0.11	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	244.61	248.49	252.11	248.40	1.51	ppb
Boron	11-1	246.54	250.70	249.98	249.07	0.89	ppb
Cadmium	111-1	261.83	261.93	262.26	262.01	0.09	ppb
Cadmium	106-1	262.91	273.50	260.71	265.70	2.57	ppb
Cadmium	108-1	260.42	266.95	256.63	261.33	2.00	ppb
Calcium	43-1	25027.34	25040.76	25030.02	25032.71	0.03	ppb
Calcium	44-1	25023.58	24976.73	25169.59	25056.63	0.40	ppb
Chromium	52-2	253.94	253.24	252.42	253.20	0.30	ppb
Cobalt	59-2	254.27	254.84	252.19	253.77	0.55	ppb
Copper	63-2	511.39	509.67	507.15	509.41	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13548.47	13488.60	13376.16	13471.08	0.65	ppb
Iron	57-2	13436.50	13427.38	13321.70	13395.19	0.48	ppb
Lead	206-1	251.43	250.26	251.17	250.95	0.25	ppb
Lead	207-1	246.53	246.70	247.12	246.79	0.12	ppb
Lead	208-1	250.84	249.15	251.16	250.38	0.43	ppb
Lithium	6-1				94		%
Magnesium	24-2	26122.06	26041.51	25981.49	26048.35	0.27	ppb
Manganese	55-2	506.82	507.25	503.82	505.96	0.37	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:11:03	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1269.13	1270.26	1282.43	1273.94	0.58	ppb
Molybdenum	95-1	1273.43	1288.24	1291.63	1284.43	0.75	ppb
Molybdenum	96-1	1274.21	1290.79	1298.30	1287.77	0.96	ppb
Molybdenum	97-1	1251.08	1270.13	1273.81	1265.01	0.96	ppb
Molybdenum	98-1	1252.16	1257.49	1249.73	1253.13	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.14	258.17	256.14	257.82	0.59	ppb
Phosphorus	31-2	5089.68	4950.21	4940.19	4993.36	1.67	ppb
Potassium	39-2	12871.17	12845.36	12769.93	12828.82	0.41	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	263.80	264.43	266.49	264.91	0.53	ppb
Selenium	78-2	254.35	267.86	252.95	258.39	3.19	ppb
Selenium	82-1	258.67	263.08	262.64	261.46	0.93	ppb
Silicon	28-1	300.59	298.72	297.71	299.01	0.49	ppb
Silver	109-1	260.22	264.23	260.13	261.53	0.90	ppb
Silver	107-1	264.93	264.59	260.71	263.41	0.89	ppb
Sodium	23-2	26018.89	26039.14	26047.72	26035.25	0.06	ppb
Strontium	86-1	254.26	251.94	252.58	252.93	0.47	ppb
Strontium	88-1	255.04	256.49	255.18	255.57	0.31	ppb
Sulfur	34-1	5463.98	5450.40	5185.43	5366.60	2.93	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	251.46	249.56	249.90	250.31	0.41	ppb
Thallium	205-1	254.85	252.15	253.53	253.51	0.53	ppb
Tin	118-1	255.15	255.94	255.29	255.46	0.17	ppb
Titanium	47-1	1260.73	1269.65	1274.59	1268.32	0.55	ppb
Uranium	238-1	243.62	244.42	245.11	244.38	0.30	ppb
Vanadium	51-2	250.87	251.58	249.01	250.49	0.53	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	515.03	510.02	512.87	512.64	0.49	ppb
Zirconium	90-1	250.23	252.33	252.21	251.59	0.47	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:11:03	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.24	253.07	252.59	252.63	0.17	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:14:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10001.13	10018.20	9950.37	9989.90	0.35	ppb
Antimony	121-1	500.88	508.78	507.95	505.87	0.86	ppb
Arsenic	75-2	503.78	502.88	499.16	501.94	0.49	ppb
Barium	135-1	2490.06	2547.73	2520.98	2519.59	1.15	ppb
Barium	137-1	2477.51	2526.63	2507.48	2503.87	0.99	ppb
Beryllium	9-1	504.83	504.01	501.24	503.36	0.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	503.06	489.47	494.06	495.53	1.40	ppb
Boron	11-1	492.66	493.72	497.39	494.59	0.50	ppb
Cadmium	111-1	505.03	509.07	505.96	506.69	0.42	ppb
Cadmium	106-1	501.87	513.19	509.97	508.35	1.15	ppb
Cadmium	108-1	496.96	517.75	509.20	507.97	2.06	ppb
Calcium	43-1	49824.95	49807.64	49597.01	49743.20	0.26	ppb
Calcium	44-1	49870.05	49724.45	49687.60	49760.70	0.19	ppb
Chromium	52-2	500.83	500.31	503.99	501.71	0.40	ppb
Cobalt	59-2	502.22	503.69	505.78	503.90	0.35	ppb
Copper	63-2	1009.53	1010.86	1015.77	1012.05	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	26866.75	26693.82	26832.82	26797.80	0.34	ppb
Iron	57-2	26738.13	26687.43	26784.27	26736.61	0.18	ppb
Lead	206-1	501.91	502.90	504.36	503.06	0.24	ppb
Lead	207-1	495.80	497.25	498.09	497.05	0.23	ppb
Lead	208-1	499.27	501.09	502.00	500.79	0.28	ppb
Lithium	6-1				88		%
Magnesium	24-2	51735.09	51743.55	51803.90	51760.85	0.07	ppb
Manganese	55-2	1007.88	1003.03	1005.73	1005.55	0.24	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:14:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2512.70	2506.77	2523.83	2514.43	0.34	ppb
Molybdenum	95-1	2527.09	2532.38	2543.85	2534.44	0.34	ppb
Molybdenum	96-1	2510.24	2522.93	2527.96	2520.37	0.36	ppb
Molybdenum	97-1	2506.76	2529.00	2516.43	2517.40	0.44	ppb
Molybdenum	98-1	2501.58	2537.99	2513.26	2517.61	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.19	509.27	511.02	508.16	0.70	ppb
Phosphorus	31-2	9965.34	9861.83	9676.79	9834.65	1.49	ppb
Potassium	39-2	25400.99	25356.89	25356.54	25371.47	0.10	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	494.87	504.84	536.80	512.17	4.28	ppb
Selenium	78-2	507.12	524.08	488.91	506.71	3.47	ppb
Selenium	82-1	507.79	509.43	506.73	507.99	0.27	ppb
Silicon	28-1	573.99	573.11	571.72	572.94	0.20	ppb
Silver	109-1	499.70	503.72	505.17	502.86	0.56	ppb
Silver	107-1	497.66	510.37	507.11	505.05	1.31	ppb
Sodium	23-2	51532.68	51632.18	51662.39	51609.08	0.13	ppb
Strontium	86-1	501.31	505.57	500.83	502.57	0.52	ppb
Strontium	88-1	500.47	503.46	501.74	501.89	0.30	ppb
Sulfur	34-1	9993.28	9875.00	9776.60	9881.63	1.10	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	499.74	503.15	504.94	502.61	0.53	ppb
Thallium	205-1	498.27	501.74	502.56	500.86	0.45	ppb
Tin	118-1	496.26	502.56	503.29	500.70	0.77	ppb
Titanium	47-1	2512.72	2501.55	2503.67	2505.98	0.24	ppb
Uranium	238-1	494.22	494.85	498.86	495.98	0.51	ppb
Vanadium	51-2	498.25	497.09	499.72	498.35	0.26	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	1010.10	1013.17	1022.64	1015.30	0.64	ppb
Zirconium	90-1	500.01	501.97	502.22	501.40	0.24	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:14:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.76	500.49	501.18	501.48	0.23	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:18:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19677.57	19757.33	19625.64	19686.85	0.34	ppb
Antimony	121-1	997.33	988.69	1000.50	995.51	0.61	ppb
Arsenic	75-2	1000.70	997.37	993.36	997.14	0.37	ppb
Barium	135-1	4969.96	4978.55	5000.44	4982.98	0.32	ppb
Barium	137-1	4972.59	4985.74	4994.89	4984.41	0.22	ppb
Beryllium	9-1	993.48	994.62	1000.07	996.06	0.35	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	1000.38	995.58	1012.37	1002.78	0.86	ppb
Boron	11-1	993.81	1002.94	1013.35	1003.37	0.97	ppb
Cadmium	111-1	994.23	987.59	996.58	992.80	0.47	ppb
Cadmium	106-1	995.91	976.90	999.61	990.80	1.23	ppb
Cadmium	108-1	988.01	990.60	997.12	991.91	0.47	ppb
Calcium	43-1	99405.90	98903.24	98760.85	99023.33	0.34	ppb
Calcium	44-1	99049.77	98763.82	98502.88	98772.15	0.28	ppb
Chromium	52-2	992.87	1003.65	998.22	998.24	0.54	ppb
Cobalt	59-2	992.53	998.78	999.84	997.05	0.40	ppb
Copper	63-2	1973.53	2004.04	1996.57	1991.38	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	52765.18	52935.26	52858.15	52852.86	0.16	ppb
Iron	57-2	52894.85	53194.18	53061.81	53050.28	0.28	ppb
Lead	206-1	998.01	991.92	1005.58	998.50	0.69	ppb
Lead	207-1	1005.59	997.09	1005.77	1002.82	0.49	ppb
Lead	208-1	1001.01	996.69	1002.00	999.90	0.28	ppb
Lithium	6-1				86		%
Magnesium	24-2	101738.79	102376.33	101002.68	101705.93	0.68	ppb
Manganese	55-2	1990.40	2004.01	1992.66	1995.69	0.37	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:18:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4988.74	5000.74	4974.16	4987.88	0.27	ppb
Molybdenum	95-1	4971.43	4974.31	4979.35	4975.03	0.08	ppb
Molybdenum	96-1	4970.80	4992.18	4979.76	4980.91	0.22	ppb
Molybdenum	97-1	4993.66	4985.36	4986.42	4988.48	0.09	ppb
Molybdenum	98-1	4998.41	4976.16	4998.30	4990.96	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.71	1001.00	995.66	993.46	0.89	ppb
Phosphorus	31-2	20076.85	19999.31	20129.78	20068.64	0.33	ppb
Potassium	39-2	49634.85	49776.09	49313.99	49574.98	0.48	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	77-2	961.56	1014.02	992.06	989.22	2.66	ppb
Selenium	78-2	996.03	987.83	997.69	993.85	0.53	ppb
Selenium	82-1	992.64	990.36	995.97	992.99	0.28	ppb
Silicon	28-1	950.84	950.14	940.69	947.22	0.60	ppb
Silver	109-1	990.04	992.50	1001.63	994.72	0.61	ppb
Silver	107-1	987.86	991.55	999.99	993.13	0.63	ppb
Sodium	23-2	102097.39	102576.85	101373.87	102016.04	0.59	ppb
Strontium	86-1	996.27	995.24	1002.89	998.13	0.42	ppb
Strontium	88-1	993.96	996.20	1003.25	997.80	0.49	ppb
Sulfur	34-1	20055.40	19919.76	19777.38	19917.51	0.70	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	1002.86	999.16	995.14	999.05	0.39	ppb
Thallium	205-1	999.47	993.55	1004.12	999.04	0.53	ppb
Tin	118-1	998.38	995.30	1000.22	997.97	0.25	ppb
Titanium	47-1	4985.18	5014.51	4978.49	4992.73	0.38	ppb
Uranium	238-1	1009.79	1003.10	999.84	1004.24	0.51	ppb
Vanadium	51-2	995.75	1004.36	1002.37	1000.83	0.45	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	1981.73	1993.77	1991.72	1989.07	0.32	ppb
Zirconium	90-1	997.20	1000.49	999.97	999.22	0.18	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:18:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	995.69	1004.98	996.02	998.90	0.53	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:22:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99944.69	100121.84	100118.15	100061.56	0.10	ppb
Antimony	121-1	1.61	1.59	1.68	1.63	2.84	ppb
Arsenic	75-2	0.42	0.41	0.50	0.44	10.65	ppb
Barium	135-1	1.60	1.82	1.56	1.66	8.55	ppb
Barium	137-1	1.81	1.54	1.68	1.68	8.08	ppb
Beryllium	9-1	0.34	0.35	0.32	0.33	4.93	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	22.46	19.84	20.12	20.81	6.92	ppb
Boron	11-1	24.21	21.90	20.16	22.09	9.19	ppb
Cadmium	111-1	0.13	-0.02	0.19	0.10	106.39	ppb
Cadmium	106-1	0.06	-1.78	0.78	-0.31		ppb
Cadmium	108-1	0.29	0.47	0.32	0.36	27.04	ppb
Calcium	43-1	501477.88	497501.89	501705.44	500228.40	0.47	ppb
Calcium	44-1	500187.56	498151.86	502479.90	500273.11	0.43	ppb
Chromium	52-2	38.47	38.12	38.22	38.27	0.47	ppb
Cobalt	59-2	1.59	1.65	1.58	1.61	2.47	ppb
Copper	63-2	2.63	2.57	2.51	2.57	2.34	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				98		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	56-2	249452.57	250043.80	248070.96	249189.11	0.41	ppb
Iron	57-2	249286.14	249477.72	248718.10	249160.65	0.16	ppb
Lead	206-1	2.21	2.18	2.24	2.21	1.46	ppb
Lead	207-1	2.02	2.09	2.06	2.06	1.73	ppb
Lead	208-1	2.11	2.12	2.15	2.13	0.99	ppb
Lithium	6-1				90		%
Magnesium	24-2	497267.72	501391.95	499578.64	499412.77	0.41	ppb
Manganese	55-2	8.43	8.40	8.11	8.31	2.16	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:22:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.45	5.16	5.16	5.26	3.17	ppb
Molybdenum	95-1	6.59	6.90	6.75	6.75	2.31	ppb
Molybdenum	96-1	7.76	7.90	7.28	7.65	4.26	ppb
Molybdenum	97-1	6.80	6.99	6.76	6.85	1.78	ppb
Molybdenum	98-1	6.77	6.73	6.61	6.71	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.32	23.71	24.05	24.03	1.27	ppb
Phosphorus	31-2	22.32	25.55	11.58	19.82	36.92	ppb
Potassium	39-2	249591.41	250879.40	249603.21	250024.67	0.30	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	77-2	0.85	1.35	0.84	1.01	28.52	ppb
Selenium	78-2	0.91	0.06	0.29	0.42	105.25	ppb
Selenium	82-1	0.44	1.63	1.10	1.06	56.65	ppb
Silicon	28-1	237.56	243.27	251.03	243.95	2.77	ppb
Silver	109-1	0.10	0.07	0.08	0.08	20.18	ppb
Silver	107-1	0.10	0.08	0.08	0.09	13.79	ppb
Sodium	23-2	497324.56	500157.28	500625.87	499369.24	0.36	ppb
Strontium	86-1	33.54	34.07	33.21	33.61	1.30	ppb
Strontium	88-1	33.31	33.49	33.05	33.28	0.66	ppb
Sulfur	34-1	-1906.57	-1785.16	-1682.87	-1791.53		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.39	0.36	0.40	0.38	5.42	ppb
Thallium	205-1	0.38	0.35	0.35	0.36	4.61	ppb
Tin	118-1	1.55	1.52	1.48	1.52	2.20	ppb
Titanium	47-1	1.57	1.24	1.57	1.46	12.81	ppb
Uranium	238-1	0.11	0.10	0.11	0.11	5.96	ppb
Vanadium	51-2	0.54	0.53	0.56	0.54	3.39	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	6.81	6.84	6.50	6.72	2.78	ppb
Zirconium	90-1	0.25	0.23	0.24	0.24	4.26	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:22:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.24	0.20	0.25	18.78	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:29:02	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.92	526.07	508.96	517.98	1.66	ppb
Antimony	121-1	190.74	190.83	195.58	192.38	1.44	ppb
Arsenic	75-2	201.71	201.68	200.98	201.46	0.20	ppb
Barium	135-1	96.43	96.94	99.38	97.58	1.62	ppb
Barium	137-1	97.55	97.68	98.36	97.86	0.45	ppb
Beryllium	9-1	95.85	97.10	96.85	96.60	0.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	453.92	464.73	474.09	464.25	2.17	ppb
Boron	11-1	465.67	474.03	478.60	472.77	1.39	ppb
Cadmium	111-1	105.78	104.69	106.28	105.58	0.77	ppb
Cadmium	106-1	179.70	179.58	186.46	181.92	2.16	ppb
Cadmium	108-1	144.25	144.73	145.24	144.74	0.34	ppb
Calcium	43-1	2078.14	2086.08	2091.44	2085.22	0.32	ppb
Calcium	44-1	1978.48	1984.59	1994.62	1985.90	0.41	ppb
Chromium	52-2	94.39	94.60	93.82	94.27	0.43	ppb
Cobalt	59-2	98.15	97.50	97.48	97.71	0.39	ppb
Copper	63-2	98.53	98.08	98.64	98.42	0.30	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				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1029.46	1024.82	1025.11	1026.46	0.25	ppb
Iron	57-2	1048.20	1035.09	1020.84	1034.71	1.32	ppb
Lead	206-1	192.37	192.01	194.56	192.98	0.72	ppb
Lead	207-1	183.18	183.59	185.07	183.95	0.54	ppb
Lead	208-1	188.65	188.24	189.82	188.91	0.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	1223.77	1225.08	1227.36	1225.40	0.15	ppb
Manganese	55-2	96.38	95.64	95.93	95.98	0.39	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:29:02	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1057.05	1051.53	1063.22	1057.27	0.55	ppb
Molybdenum	95-1	474.47	472.24	479.26	475.32	0.75	ppb
Molybdenum	96-1	545.81	543.58	549.68	546.36	0.56	ppb
Molybdenum	97-1	472.49	470.81	474.07	472.46	0.34	ppb
Molybdenum	98-1	474.55	473.66	478.85	475.69	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.31	99.28	99.36	99.32	0.04	ppb
Phosphorus	31-2	4.97	-13.46	-3.56	-4.02		ppb
Potassium	39-2	1996.73	2001.80	2000.09	1999.54	0.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	200.58	210.28	194.04	201.63	4.05	ppb
Selenium	78-2	209.65	201.77	206.55	205.99	1.93	ppb
Selenium	82-1	200.63	197.50	201.44	199.86	1.04	ppb
Silicon	28-1	559.58	563.70	560.52	561.26	0.38	ppb
Silver	109-1	101.96	100.95	101.96	101.62	0.57	ppb
Silver	107-1	101.86	102.16	102.65	102.22	0.39	ppb
Sodium	23-2	2085.81	2051.78	2068.49	2068.69	0.82	ppb
Strontium	86-1	477.82	474.62	482.11	478.18	0.79	ppb
Strontium	88-1	478.03	476.76	480.90	478.56	0.44	ppb
Sulfur	34-1	-1198.31	-1214.63	-1420.51	-1277.82		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	193.83	194.85	192.77	193.82	0.54	ppb
Thallium	205-1	196.90	196.53	196.75	196.73	0.09	ppb
Tin	118-1	486.97	483.00	495.68	488.55	1.33	ppb
Titanium	47-1	474.60	476.99	477.15	476.25	0.30	ppb
Uranium	238-1	516.33	516.28	517.19	516.60	0.10	ppb
Vanadium	51-2	94.89	94.58	95.51	94.99	0.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	198.06	194.73	194.12	195.64	1.08	ppb
Zirconium	90-1	475.07	477.73	483.33	478.71	0.88	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:29:02	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	473.61	471.47	478.32	474.47	0.74	ppb

LB Number : LB95280 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-10 13:42:01 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.33	-0.24	-0.15		ppb
Antimony	121-1	0.06	0.07	0.07	0.07	11.10	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	189.57	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	241.31	ppb
Beryllium	9-1	0.05	0.09	0.08	0.07	24.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	3.68	4.20	4.06	3.98	6.70	ppb
Boron	11-1	4.01	3.90	3.91	3.94	1.47	ppb
Cadmium	111-1	-0.09	0.11	0.00	0.01	1225.92	ppb
Cadmium	106-1	-1.13	1.49	0.04	0.13	1005.14	ppb
Cadmium	108-1	0.02	0.08	-0.04	0.02	299.03	ppb
Calcium	43-1	-2.37	-1.01	-1.32	-1.56		ppb
Calcium	44-1	-0.98	-3.09	-0.65	-1.58		ppb
Chromium	52-2	0.01	0.01	0.01	0.01	13.10	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.03	0.05	0.03	65.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	0.32	0.31	0.23	0.29	16.44	ppb
Iron	57-2	0.83	0.93	-1.03	0.24	449.48	ppb
Lead	206-1	0.03	0.03	0.04	0.04	11.59	ppb
Lead	207-1	0.03	0.05	0.05	0.04	22.37	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.16	-0.20	0.05	-0.10		ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:42:01	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	27.28	ppb
Molybdenum	96-1	0.03	0.03	0.01	0.02	38.02	ppb
Molybdenum	97-1	0.03	0.03	0.01	0.03	51.76	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	23.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-11.62	-13.23	-19.50	-14.79		ppb
Potassium	39-2	-7.84	-9.69	-7.34	-8.29		ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-0.51	-0.89	-0.61	-0.67		ppb
Selenium	82-1	-0.01	-0.32	0.11	-0.07		ppb
Silicon	28-1	-3.81	-4.51	-3.96	-4.09		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.01	0.00	99.83	ppb
Sodium	23-2	22.79	22.37	22.86	22.67	1.15	ppb
Strontium	86-1	0.05	-0.03	-0.01	0.00	2096.32	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1114.71	-1138.20	-987.48	-1080.13		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	440.05	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	77.24	ppb
Tin	118-1	0.02	0.04	0.03	0.03	43.62	ppb
Titanium	47-1	-0.03	-0.06	-0.02	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.00	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	-0.04	-0.02	0.28	0.07	240.98	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:42:01	DataFile Name :	013CCBE.d

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:45:35	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89339.98	88598.08	88959.62	88965.89	0.42	ppb
Antimony	121-1	1.14	1.13	1.13	1.13	0.66	ppb
Arsenic	75-2	0.34	0.31	0.29	0.31	8.82	ppb
Barium	135-1	1.51	1.48	1.69	1.56	7.27	ppb
Barium	137-1	1.48	1.43	1.39	1.43	3.28	ppb
Beryllium	9-1	0.31	0.29	0.27	0.29	7.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	5.42	4.91	3.74	4.69	18.33	ppb
Boron	11-1	5.54	5.16	4.83	5.17	6.93	ppb
Cadmium	111-1	0.33	0.34	0.39	0.35	9.23	ppb
Cadmium	106-1	-0.19	-0.17	-0.71	-0.36		ppb
Cadmium	108-1	12.04	10.69	10.23	10.99	8.57	ppb
Calcium	43-1	94143.62	93469.14	93932.02	93848.26	0.37	ppb
Calcium	44-1	93841.30	93220.92	94458.81	93840.34	0.66	ppb
Chromium	52-2	19.36	19.51	19.45	19.44	0.38	ppb
Cobalt	59-2	1.16	1.11	1.10	1.12	2.93	ppb
Copper	63-2	7.37	7.39	7.37	7.38	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	100524.94	99837.96	100171.75	100178.22	0.34	ppb
Iron	57-2	101563.21	101021.06	101248.49	101277.59	0.27	ppb
Lead	206-1	4.53	4.38	4.67	4.52	3.22	ppb
Lead	207-1	3.83	3.97	3.89	3.90	1.79	ppb
Lead	208-1	4.19	4.11	4.14	4.14	0.95	ppb
Lithium	6-1				93		%
Magnesium	24-2	97049.73	96764.47	96315.35	96709.85	0.38	ppb
Manganese	55-2	7.73	7.51	7.39	7.54	2.31	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:45:35	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1316.91	1314.55	1317.69	1316.38	0.12	ppb
Molybdenum	95-1	1892.90	1892.03	1895.07	1893.33	0.08	ppb
Molybdenum	96-1	1814.70	1830.72	1819.55	1821.66	0.45	ppb
Molybdenum	97-1	1893.20	1896.88	1889.70	1893.26	0.19	ppb
Molybdenum	98-1	1878.82	1883.88	1880.57	1881.09	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.45	5.54	5.83	5.61	3.57	ppb
Phosphorus	31-2	95962.08	95125.91	94488.13	95192.04	0.78	ppb
Potassium	39-2	97289.66	96754.05	96872.92	96972.21	0.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	0.84	-0.16	-0.16	0.18	328.59	ppb
Selenium	78-2	-0.61	-1.48	-0.72	-0.94		ppb
Selenium	82-1	-0.17	0.36	1.23	0.48	148.89	ppb
Silicon	28-1	18.41	18.44	21.02	19.29	7.75	ppb
Silver	109-1	0.09	0.12	0.12	0.11	12.74	ppb
Silver	107-1	0.10	0.11	0.12	0.11	10.45	ppb
Sodium	23-2	97474.02	97178.72	96940.73	97197.82	0.27	ppb
Strontium	86-1	32.72	32.57	32.36	32.55	0.55	ppb
Strontium	88-1	32.39	32.43	32.59	32.47	0.33	ppb
Sulfur	34-1	107347.47	105727.12	106972.49	106682.36	0.80	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.08	0.09	0.08	3.59	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	9.64	ppb
Tin	118-1	0.15	0.16	0.17	0.16	4.64	ppb
Titanium	47-1	1949.13	1930.81	1951.13	1943.69	0.58	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	9.18	ppb
Vanadium	51-2	0.14	0.15	0.13	0.14	4.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	11.22	11.07	10.49	10.93	3.50	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	10.93	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:45:35	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.03	0.02	62.77	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:49:10	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92223.70	92232.29	91587.81	92014.60	0.40	ppb
Antimony	121-1	20.26	20.40	19.73	20.13	1.76	ppb
Arsenic	75-2	19.23	19.79	19.08	19.37	1.92	ppb
Barium	135-1	21.11	20.76	20.73	20.87	1.01	ppb
Barium	137-1	21.14	20.89	21.05	21.03	0.61	ppb
Beryllium	9-1	19.48	19.91	19.70	19.70	1.09	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	54.89	58.56	54.11	55.85	4.25	ppb
Boron	11-1	55.69	56.91	56.39	56.33	1.09	ppb
Cadmium	111-1	19.78	19.75	19.88	19.80	0.33	ppb
Cadmium	106-1	23.11	24.50	24.69	24.10	3.58	ppb
Cadmium	108-1	32.21	29.86	32.96	31.68	5.11	ppb
Calcium	43-1	96963.45	96534.82	96382.10	96626.79	0.31	ppb
Calcium	44-1	97081.22	97441.07	97279.21	97267.17	0.19	ppb
Chromium	52-2	40.68	39.91	40.28	40.29	0.95	ppb
Cobalt	59-2	20.51	20.29	20.52	20.44	0.64	ppb
Copper	63-2	27.04	26.68	26.70	26.81	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	104130.71	104367.73	104207.82	104235.42	0.12	ppb
Iron	57-2	105493.84	105019.00	104857.66	105123.50	0.31	ppb
Lead	206-1	24.75	24.72	24.78	24.75	0.12	ppb
Lead	207-1	22.49	22.32	22.63	22.48	0.69	ppb
Lead	208-1	23.37	23.21	23.41	23.33	0.47	ppb
Lithium	6-1				91		%
Magnesium	24-2	100558.99	100105.98	99717.34	100127.43	0.42	ppb
Manganese	55-2	27.24	26.96	27.28	27.16	0.64	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:49:10	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1463.82	1478.63	1474.09	1472.18	0.52	ppb
Molybdenum	95-1	1980.58	1984.64	2010.06	1991.76	0.80	ppb
Molybdenum	96-1	1921.88	1928.95	1939.65	1930.16	0.46	ppb
Molybdenum	97-1	1988.59	1995.90	1998.26	1994.25	0.25	ppb
Molybdenum	98-1	1975.46	1977.34	1983.45	1978.75	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.87	25.77	25.87	25.83	0.22	ppb
Phosphorus	31-2	98335.05	99351.69	97150.77	98279.17	1.12	ppb
Potassium	39-2	100294.03	100468.23	99119.29	99960.52	0.73	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	15.01	21.54	15.48	17.35	20.98	ppb
Selenium	78-2	17.64	20.67	18.76	19.02	8.06	ppb
Selenium	82-1	19.42	19.97	20.39	19.93	2.43	ppb
Silicon	28-1	80.82	80.88	81.49	81.06	0.46	ppb
Silver	109-1	18.58	18.01	18.32	18.31	1.56	ppb
Silver	107-1	18.72	18.65	18.57	18.65	0.39	ppb
Sodium	23-2	101026.41	100484.95	100466.78	100659.38	0.32	ppb
Strontium	86-1	84.06	85.89	85.55	85.17	1.14	ppb
Strontium	88-1	84.21	85.49	84.13	84.61	0.90	ppb
Sulfur	34-1	108799.22	108774.54	107473.87	108349.21	0.70	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	19.84	19.80	19.89	19.84	0.22	ppb
Thallium	205-1	19.69	19.90	19.82	19.80	0.56	ppb
Tin	118-1	51.91	51.25	52.22	51.80	0.95	ppb
Titanium	47-1	2051.95	2036.93	2032.39	2040.43	0.50	ppb
Uranium	238-1	53.08	53.35	52.77	53.07	0.55	ppb
Vanadium	51-2	19.16	18.97	19.49	19.21	1.35	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	30.56	30.55	31.06	30.72	0.96	ppb
Zirconium	90-1	51.61	51.66	52.05	51.77	0.46	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:49:10	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	52.20	51.90	52.10	52.07	0.29	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:52:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52350.68	52723.16	52987.89	52687.24	0.61	ppb
Antimony	121-1	508.82	509.94	505.77	508.18	0.42	ppb
Arsenic	75-2	515.27	513.10	516.04	514.80	0.30	ppb
Barium	135-1	2560.80	2583.06	2556.96	2566.94	0.55	ppb
Barium	137-1	2551.85	2572.44	2556.47	2560.25	0.42	ppb
Beryllium	9-1	521.14	524.92	521.80	522.62	0.39	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	503.36	515.41	525.67	514.82	2.17	ppb
Boron	11-1	512.48	517.99	527.26	519.25	1.44	ppb
Cadmium	111-1	496.09	498.09	498.05	497.41	0.23	ppb
Cadmium	106-1	506.82	509.99	506.11	507.64	0.41	ppb
Cadmium	108-1	507.53	500.12	502.16	503.27	0.76	ppb
Calcium	43-1	247109.00	247799.47	248474.42	247794.30	0.28	ppb
Calcium	44-1	246397.92	249474.02	246543.05	247471.66	0.70	ppb
Chromium	52-2	517.97	520.58	523.76	520.77	0.56	ppb
Cobalt	59-2	489.94	486.80	491.35	489.36	0.48	ppb
Copper	63-2	957.52	954.18	961.67	957.79	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	130517.56	131063.60	131453.14	131011.43	0.36	ppb
Iron	57-2	131287.35	130410.42	131905.28	131201.01	0.57	ppb
Lead	206-1	521.75	517.60	516.45	518.60	0.54	ppb
Lead	207-1	517.47	511.65	514.36	514.50	0.57	ppb
Lead	208-1	519.92	517.69	518.73	518.78	0.22	ppb
Lithium	6-1				91		%
Magnesium	24-2	255538.64	256094.00	256568.72	256067.12	0.20	ppb
Manganese	55-2	990.68	998.93	1004.15	997.92	0.68	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:52:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2569.12	2568.60	2562.30	2566.67	0.15	ppb
Molybdenum	95-1	2570.82	2563.10	2568.22	2567.38	0.15	ppb
Molybdenum	96-1	2560.47	2559.32	2567.50	2562.43	0.17	ppb
Molybdenum	97-1	2561.02	2543.38	2564.77	2556.39	0.45	ppb
Molybdenum	98-1	2559.00	2537.31	2557.53	2551.28	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.23	495.82	504.08	499.04	0.88	ppb
Phosphorus	31-2	10046.98	10069.15	10153.12	10089.75	0.55	ppb
Potassium	39-2	127810.63	129089.22	129075.97	128658.61	0.57	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	496.67	512.49	509.90	506.35	1.68	ppb
Selenium	78-2	510.81	505.39	513.35	509.85	0.80	ppb
Selenium	82-1	506.40	501.74	501.01	503.05	0.58	ppb
Silicon	28-1	595.54	600.81	603.11	599.82	0.65	ppb
Silver	109-1	494.93	496.62	497.98	496.51	0.31	ppb
Silver	107-1	502.44	501.92	501.18	501.85	0.13	ppb
Sodium	23-2	256182.87	255851.11	256887.32	256307.10	0.21	ppb
Strontium	86-1	521.83	520.13	524.61	522.19	0.43	ppb
Strontium	88-1	522.63	521.79	528.74	524.39	0.72	ppb
Sulfur	34-1	8530.22	8756.19	9003.23	8763.22	2.70	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	518.61	521.37	517.66	519.21	0.37	ppb
Thallium	205-1	518.73	520.95	519.22	519.64	0.22	ppb
Tin	118-1	507.98	508.10	509.78	508.62	0.20	ppb
Titanium	47-1	2544.01	2569.00	2558.98	2557.33	0.49	ppb
Uranium	238-1	536.75	533.55	530.97	533.76	0.54	ppb
Vanadium	51-2	508.95	508.14	510.57	509.22	0.24	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	945.71	953.50	957.04	952.08	0.61	ppb
Zirconium	90-1	517.16	516.00	513.80	515.65	0.33	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:52:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.97	510.32	509.49	510.59	0.25	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:03:15	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	2.65	2.45	2.30	19.51	ppb
Antimony	121-1	0.09	0.11	0.13	0.11	16.95	ppb
Arsenic	75-2	0.02	0.02	-0.01	0.01	140.65	ppb
Barium	135-1	0.01	0.02	0.04	0.02	54.65	ppb
Barium	137-1	0.02	0.00	0.04	0.02	91.70	ppb
Beryllium	9-1	0.10	0.07	0.08	0.08	15.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	3.77	3.38	2.65	3.27	17.30	ppb
Boron	11-1	3.20	3.19	2.90	3.10	5.43	ppb
Cadmium	111-1	-0.05	-0.01	-0.06	-0.04		ppb
Cadmium	106-1	-0.68	-0.16	-0.76	-0.53		ppb
Cadmium	108-1	0.02	0.05	0.10	0.06	78.19	ppb
Calcium	43-1	4.18	3.87	5.86	4.64	23.10	ppb
Calcium	44-1	0.50	1.27	0.11	0.63	93.96	ppb
Chromium	52-2	0.03	0.06	0.03	0.04	38.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.09	0.04	0.05	56.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	1.63	1.71	1.36	1.57	11.62	ppb
Iron	57-2	1.00	1.81	-0.12	0.90	107.56	ppb
Lead	206-1	0.07	0.07	0.08	0.07	10.22	ppb
Lead	207-1	0.08	0.06	0.07	0.07	10.10	ppb
Lead	208-1	0.07	0.07	0.07	0.07	3.31	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.64	1.51	0.98	1.38	25.45	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:03:15	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.02	0.04	43.56	ppb
Molybdenum	95-1	0.09	0.05	0.07	0.07	30.07	ppb
Molybdenum	96-1	0.08	0.08	0.06	0.07	15.42	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.07	8.63	ppb
Molybdenum	98-1	0.09	0.06	0.08	0.08	23.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-10.22	1.78	7.16	-0.43		ppb
Potassium	39-2	1.06	-0.82	0.31	0.18	515.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.16	-0.16	0.77	0.15	353.77	ppb
Selenium	78-2	-1.38	-0.65	-0.95	-1.00		ppb
Selenium	82-1	-0.15	0.12	0.68	0.21	197.79	ppb
Silicon	28-1	-5.77	-5.27	-4.80	-5.28		ppb
Silver	109-1	0.02	0.02	0.01	0.01	27.53	ppb
Silver	107-1	0.02	0.01	0.01	0.01	21.32	ppb
Sodium	23-2	41.74	40.43	43.46	41.87	3.63	ppb
Strontium	86-1	0.00	0.04	-0.02	0.01	453.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	84.61	ppb
Sulfur	34-1	-1872.48	-1922.08	-1819.76	-1871.44		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.03	0.04	14.44	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	27.74	ppb
Tin	118-1	0.04	0.05	0.04	0.04	15.82	ppb
Titanium	47-1	0.05	-0.01	0.09	0.04	117.46	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	33.46	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	17.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.01	0.12	0.11	0.08	75.29	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:03:15	DataFile Name :	017CCBE.d

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:06:48	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.69	19.81	19.59	19.70	0.56	ppb
Antimony	121-1	1.89	1.92	1.92	1.91	1.03	ppb
Arsenic	75-2	1.09	1.03	0.90	1.01	9.55	ppb
Barium	135-1	9.68	9.55	9.68	9.64	0.77	ppb
Barium	137-1	9.59	9.74	9.50	9.61	1.25	ppb
Beryllium	9-1	1.05	1.18	1.10	1.11	5.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.92	26.36	24.85	25.38	3.37	ppb
Boron	11-1	25.11	25.29	26.31	25.57	2.52	ppb
Cadmium	111-1	0.98	0.90	1.15	1.01	12.98	ppb
Cadmium	106-1	1.28	0.15	2.64	1.36	91.92	ppb
Cadmium	108-1	1.14	0.97	1.24	1.12	12.46	ppb
Calcium	43-1	446.55	485.65	486.34	472.84	4.82	ppb
Calcium	44-1	444.92	455.26	457.11	452.43	1.45	ppb
Chromium	52-2	1.97	2.06	2.11	2.05	3.49	ppb
Cobalt	59-2	0.94	0.95	0.93	0.94	0.90	ppb
Copper	63-2	1.90	2.06	2.11	2.02	5.37	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				100		%
Indium	115-2				101		%
Iron	56-2	51.93	53.02	52.22	52.39	1.08	ppb
Iron	57-2	54.71	52.67	51.09	52.82	3.44	ppb
Lead	206-1	1.02	1.02	0.97	1.00	2.94	ppb
Lead	207-1	1.04	1.00	1.00	1.01	2.18	ppb
Lead	208-1	1.02	1.00	0.97	1.00	2.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	488.97	502.31	500.63	497.30	1.46	ppb
Manganese	55-2	1.05	1.04	1.10	1.06	3.10	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:06:48	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.70	4.70	4.78	4.73	0.97	ppb
Molybdenum	95-1	4.91	4.92	4.78	4.87	1.61	ppb
Molybdenum	96-1	4.85	4.67	4.86	4.79	2.24	ppb
Molybdenum	97-1	4.77	4.65	4.83	4.75	1.98	ppb
Molybdenum	98-1	4.53	4.58	4.83	4.65	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.05	1.16	1.07	8.09	ppb
Phosphorus	31-2	3.46	9.80	-21.50	-2.75		ppb
Potassium	39-2	497.74	502.92	497.94	499.53	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	8.31	3.11	5.94	5.79	45.07	ppb
Selenium	78-2	4.69	4.61	4.81	4.70	2.20	ppb
Selenium	82-1	4.73	5.04	4.47	4.75	6.06	ppb
Silicon	28-1	12.47	12.65	13.21	12.78	3.00	ppb
Silver	109-1	1.10	1.04	1.01	1.05	4.68	ppb
Silver	107-1	1.03	1.07	1.07	1.06	2.23	ppb
Sodium	23-2	527.60	524.70	524.58	525.63	0.32	ppb
Strontium	86-1	1.03	0.94	0.98	0.98	4.68	ppb
Strontium	88-1	0.95	0.95	0.98	0.96	2.02	ppb
Sulfur	34-1	-1656.52	-1565.56	-1521.90	-1581.33		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.95	0.89	0.89	0.91	3.86	ppb
Thallium	205-1	0.93	0.93	0.95	0.94	1.29	ppb
Tin	118-1	4.97	4.71	4.78	4.82	2.86	ppb
Titanium	47-1	4.60	5.03	5.20	4.94	6.26	ppb
Uranium	238-1	0.88	0.86	0.91	0.88	2.74	ppb
Vanadium	51-2	4.63	4.73	4.68	4.68	1.03	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.62	2.64	2.54	2.60	2.07	ppb
Zirconium	90-1	0.97	0.98	0.97	0.97	0.80	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:06:48	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.94	1.01	0.97	3.53	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:10:21	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.29	18.48	18.42	18.40	0.54	ppb
Antimony	121-1	1.99	1.98	1.92	1.96	1.80	ppb
Arsenic	75-2	0.99	1.11	0.89	1.00	10.79	ppb
Barium	135-1	9.26	9.19	9.50	9.32	1.77	ppb
Barium	137-1	9.28	9.32	9.24	9.28	0.44	ppb
Beryllium	9-1	1.05	1.16	0.92	1.04	11.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.87	24.95	25.83	25.22	2.10	ppb
Boron	11-1	25.48	25.51	25.72	25.57	0.52	ppb
Cadmium	111-1	1.24	1.04	0.93	1.07	14.68	ppb
Cadmium	106-1	3.82	1.30	0.80	1.97	81.92	ppb
Cadmium	108-1	1.09	1.53	0.95	1.19	25.52	ppb
Calcium	43-1	440.04	440.14	455.22	445.14	1.96	ppb
Calcium	44-1	440.99	438.13	437.11	438.74	0.46	ppb
Chromium	52-2	1.99	2.04	2.04	2.02	1.45	ppb
Cobalt	59-2	0.96	0.89	0.90	0.92	3.92	ppb
Copper	63-2	1.94	1.94	1.92	1.93	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	49.78	49.99	49.41	49.73	0.59	ppb
Iron	57-2	46.90	54.10	55.99	52.33	9.17	ppb
Lead	206-1	0.97	0.94	0.91	0.94	3.11	ppb
Lead	207-1	0.89	0.92	0.98	0.93	4.68	ppb
Lead	208-1	0.93	0.94	0.95	0.94	0.90	ppb
Lithium	6-1				96		%
Magnesium	24-2	475.57	474.87	473.27	474.57	0.25	ppb
Manganese	55-2	0.99	0.99	1.02	1.00	1.73	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:10:21	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.77	4.66	4.56	4.66	2.30	ppb
Molybdenum	95-1	4.65	4.60	4.54	4.60	1.20	ppb
Molybdenum	96-1	4.70	4.50	4.63	4.61	2.21	ppb
Molybdenum	97-1	4.44	4.36	4.84	4.55	5.65	ppb
Molybdenum	98-1	4.61	4.50	4.46	4.53	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.10	1.24	1.11	10.59	ppb
Phosphorus	31-2	7.78	-2.71	6.04	3.70	151.83	ppb
Potassium	39-2	483.12	486.65	472.47	480.75	1.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	5.01	8.74	4.51	6.08	37.97	ppb
Selenium	78-2	6.00	3.02	3.91	4.31	35.46	ppb
Selenium	82-1	4.96	4.90	4.85	4.90	1.12	ppb
Silicon	28-1	11.98	12.83	12.56	12.46	3.46	ppb
Silver	109-1	0.98	1.02	0.98	0.99	2.24	ppb
Silver	107-1	1.01	1.03	0.96	1.00	3.38	ppb
Sodium	23-2	498.69	500.24	495.78	498.23	0.45	ppb
Strontium	86-1	0.96	0.95	0.87	0.93	5.84	ppb
Strontium	88-1	0.92	0.94	0.94	0.94	1.15	ppb
Sulfur	34-1	-944.36	-961.27	-781.92	-895.85		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.90	0.96	0.90	0.92	3.67	ppb
Thallium	205-1	0.89	0.93	0.89	0.90	2.35	ppb
Tin	118-1	4.80	4.80	4.77	4.79	0.37	ppb
Titanium	47-1	4.84	4.77	4.84	4.82	0.83	ppb
Uranium	238-1	0.85	0.86	0.88	0.86	1.61	ppb
Vanadium	51-2	4.37	4.64	4.45	4.49	3.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	3.16	3.18	2.99	3.11	3.36	ppb
Zirconium	90-1	0.90	0.93	0.92	0.92	1.68	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:10:21	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	1.02	0.98	1.00	1.83	ppb

LB Number : LB95280 Operator : Jaswal
 Lab Sample ID : PB109133BL Instrumnet Name : P7
 Client Sample ID : PBW008 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-10 14:13:55 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.07	0.10	0.02	424.22	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	16.36	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	51.09	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	218.62	ppb
Barium	137-1	0.00	0.00	0.00	0.00	157.11	ppb
Beryllium	9-1	0.05	0.06	0.06	0.06	6.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	2.50	2.92	1.83	2.42	22.95	ppb
Boron	11-1	2.64	2.43	2.25	2.44	8.02	ppb
Cadmium	111-1	0.07	0.11	0.06	0.08	35.28	ppb
Cadmium	106-1	1.01	1.46	0.83	1.10	29.56	ppb
Cadmium	108-1	-0.04	-0.04	0.02	-0.02		ppb
Calcium	43-1	-0.10	0.53	0.87	0.43	113.43	ppb
Calcium	44-1	-1.60	-0.48	-2.53	-1.54		ppb
Chromium	52-2	0.02	0.01	0.01	0.01	71.31	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.01	0.03	0.00	0.01	88.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.39	0.42	0.27	0.36	22.02	ppb
Iron	57-2	1.76	0.30	-1.09	0.32	440.37	ppb
Lead	206-1	0.03	0.04	0.05	0.04	18.95	ppb
Lead	207-1	0.05	0.05	0.04	0.05	9.92	ppb
Lead	208-1	0.05	0.04	0.04	0.05	7.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.12	0.43	0.56	0.29	125.84	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BL	Instrumnet Name :	P7
Client Sample ID :	PBW008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:13:55	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.02	0.00	0.00		ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	67.08	ppb
Molybdenum	96-1	0.03	0.01	0.01	0.01	67.02	ppb
Molybdenum	97-1	0.03	0.05	0.01	0.03	57.32	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	19.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-12.46	2.86	0.81	-2.93		ppb
Potassium	39-2	2.69	10.05	2.35	5.03	86.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	-0.16	0.31	0.31	0.15	176.72	ppb
Selenium	78-2	-0.16	-0.73	-0.32	-0.40		ppb
Selenium	82-1	0.54	0.11	-0.24	0.13	289.74	ppb
Silicon	28-1	-5.33	-4.82	-4.60	-4.92		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	471.68	ppb
Sodium	23-2	22.46	24.01	23.42	23.30	3.36	ppb
Strontium	86-1	0.03	-0.01	-0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-959.72	-736.23	-738.01	-811.32		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	30.58	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	41.77	ppb
Tin	118-1	0.00	-0.01	0.02	0.00	2812.55	ppb
Titanium	47-1	-0.04	-0.05	0.00	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	157.69	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.09	0.06	0.07	0.07	17.05	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.01		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BL	Instrumnet Name :	P7
Client Sample ID :	PBW008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:13:55	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.04	-0.01	0.00	-0.02		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:17:28	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.11	33.68	34.94	35.58	6.41	ppb
Antimony	121-1	3.79	3.77	3.78	3.78	0.35	ppb
Arsenic	75-2	1.95	2.17	2.01	2.04	5.56	ppb
Barium	135-1	18.06	18.69	17.97	18.24	2.14	ppb
Barium	137-1	18.66	18.76	19.07	18.83	1.12	ppb
Beryllium	9-1	1.95	1.97	2.19	2.04	6.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	45.43	50.00	46.15	47.19	5.21	ppb
Boron	11-1	46.66	46.58	48.20	47.15	1.93	ppb
Cadmium	111-1	1.91	2.12	1.88	1.97	6.81	ppb
Cadmium	106-1	2.24	3.75	1.77	2.59	39.86	ppb
Cadmium	108-1	2.13	1.90	2.14	2.06	6.43	ppb
Calcium	43-1	935.92	872.55	884.51	897.66	3.75	ppb
Calcium	44-1	868.96	864.17	859.21	864.11	0.56	ppb
Chromium	52-2	3.84	3.97	4.01	3.94	2.22	ppb
Cobalt	59-2	1.90	1.86	1.83	1.86	1.97	ppb
Copper	63-2	3.67	3.70	3.70	3.69	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	347.42	346.44	347.62	347.16	0.18	ppb
Iron	57-2	346.16	356.90	340.51	347.86	2.39	ppb
Lead	206-1	1.86	1.85	1.92	1.88	2.05	ppb
Lead	207-1	1.87	1.77	1.85	1.83	3.01	ppb
Lead	208-1	1.85	1.84	1.87	1.85	0.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	945.92	954.23	948.18	949.45	0.45	ppb
Manganese	55-2	1.90	1.86	1.92	1.90	1.55	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:17:28	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.18	9.06	9.00	9.08	1.01	ppb
Molybdenum	95-1	8.81	9.12	8.92	8.95	1.78	ppb
Molybdenum	96-1	9.09	8.96	9.19	9.08	1.27	ppb
Molybdenum	97-1	9.10	8.63	9.28	9.00	3.70	ppb
Molybdenum	98-1	9.05	8.91	8.97	8.98	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.97	2.08	2.02	2.73	ppb
Phosphorus	31-2	-2.57	-4.95	1.53	-2.00		ppb
Potassium	39-2	948.79	942.61	961.43	950.94	1.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	8.14	9.43	10.39	9.32	12.14	ppb
Selenium	78-2	8.76	10.98	11.96	10.57	15.50	ppb
Selenium	82-1	9.95	9.88	10.01	9.95	0.65	ppb
Silicon	28-1	27.31	27.01	27.18	27.17	0.56	ppb
Silver	109-1	1.93	1.96	1.98	1.96	1.25	ppb
Silver	107-1	1.98	2.06	1.91	1.98	3.66	ppb
Sodium	23-2	964.51	957.04	958.68	960.07	0.41	ppb
Strontium	86-1	1.95	1.84	1.75	1.85	5.26	ppb
Strontium	88-1	1.83	1.82	1.84	1.83	0.66	ppb
Sulfur	34-1	-1000.42	-793.45	-1127.40	-973.76		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.77	1.81	1.87	1.82	2.97	ppb
Thallium	205-1	1.81	1.75	1.85	1.80	2.71	ppb
Tin	118-1	9.46	9.39	9.24	9.36	1.22	ppb
Titanium	47-1	8.76	9.18	9.15	9.03	2.59	ppb
Uranium	238-1	1.77	1.70	1.75	1.74	1.83	ppb
Vanadium	51-2	8.92	8.89	8.91	8.91	0.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	4.22	3.90	4.03	4.05	4.03	ppb
Zirconium	90-1	1.88	1.85	1.89	1.87	1.00	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:17:28	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.84	1.98	1.92	1.92	3.65	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:21:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.12	18.19	15.08	16.13	11.05	ppb
Antimony	121-1	0.28	0.26	0.26	0.27	5.80	ppb
Arsenic	75-2	0.24	0.36	0.28	0.30	20.68	ppb
Barium	135-1	75.27	75.65	74.63	75.18	0.69	ppb
Barium	137-1	75.80	75.35	75.86	75.67	0.37	ppb
Beryllium	9-1	0.13	0.15	0.17	0.15	11.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	51.05	53.32	54.61	53.00	3.40	ppb
Boron	11-1	54.99	56.70	57.55	56.41	2.31	ppb
Cadmium	111-1	0.08	0.04	0.08	0.07	38.10	ppb
Cadmium	106-1	0.38	-0.41	0.35	0.11	416.73	ppb
Cadmium	108-1	0.20	0.12	0.07	0.13	50.52	ppb
Calcium	43-1	26429.94	26407.14	26789.74	26542.28	0.81	ppb
Calcium	44-1	26654.17	26822.29	27017.26	26831.24	0.68	ppb
Chromium	52-2	1.30	1.24	1.27	1.27	2.01	ppb
Cobalt	59-2	0.49	0.48	0.50	0.49	1.81	ppb
Copper	63-2	153.62	151.67	153.47	152.92	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	825.95	821.97	827.33	825.08	0.34	ppb
Iron	57-2	876.85	868.33	874.11	873.10	0.50	ppb
Lead	206-1	29.14	28.76	28.88	28.93	0.67	ppb
Lead	207-1	26.21	26.04	25.79	26.01	0.81	ppb
Lead	208-1	27.31	27.24	27.20	27.25	0.21	ppb
Lithium	6-1				105		%
Magnesium	24-2	8469.99	8437.02	8488.78	8465.27	0.31	ppb
Manganese	55-2	348.00	348.64	349.32	348.65	0.19	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:21:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.02	0.02	41.09	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	29.75	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	8.42	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	7.82	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	36.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.86	17.93	17.74	17.84	0.56	ppb
Phosphorus	31-2	-3.05	10.19	24.47	10.54	130.59	ppb
Potassium	39-2	1823.62	1821.07	1837.00	1827.23	0.47	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	2.53	1.19	2.10	1.94	35.22	ppb
Selenium	78-2	1.60	0.58	0.81	1.00	53.45	ppb
Selenium	82-1	1.75	2.29	1.40	1.81	24.63	ppb
Silicon	28-1	5826.47	5908.29	5953.72	5896.16	1.09	ppb
Silver	109-1	0.30	0.32	0.33	0.32	4.32	ppb
Silver	107-1	0.31	0.32	0.35	0.33	6.74	ppb
Sodium	23-2	41597.60	41261.01	41442.61	41433.74	0.41	ppb
Strontium	86-1	67.56	69.12	68.17	68.29	1.15	ppb
Strontium	88-1	67.96	67.81	67.73	67.83	0.17	ppb
Sulfur	34-1	16349.03	16781.89	16810.28	16647.06	1.55	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.23	0.23	0.23	0.46	ppb
Thallium	205-1	0.22	0.23	0.21	0.22	3.15	ppb
Tin	118-1	3.41	3.48	3.54	3.48	1.88	ppb
Titanium	47-1	0.45	0.61	0.36	0.48	26.50	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	1.47	ppb
Vanadium	51-2	0.44	0.44	0.44	0.44	0.90	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	15.63	16.10	16.42	16.05	2.46	ppb
Zirconium	90-1	0.02	-0.01	0.01	0.01	216.52	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:21:02	DataFile Name :	022SMPL.d

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:24:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.05	4.38	3.20	3.87	15.75	ppb
Antimony	121-1	0.09	0.11	0.10	0.10	10.03	ppb
Arsenic	75-2	0.11	0.10	0.06	0.09	25.89	ppb
Barium	135-1	6.63	6.74	6.37	6.58	2.85	ppb
Barium	137-1	6.68	6.71	6.59	6.66	0.94	ppb
Beryllium	9-1	0.04	0.02	0.06	0.04	40.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	46.45	46.46	48.97	47.29	3.07	ppb
Boron	11-1	49.65	48.63	48.33	48.87	1.41	ppb
Cadmium	111-1	0.00	-0.14	-0.13	-0.09		ppb
Cadmium	106-1	-0.09	-1.92	-1.72	-1.24		ppb
Cadmium	108-1	0.02	0.07	0.02	0.03	92.01	ppb
Calcium	43-1	1200.94	1162.40	1175.26	1179.54	1.66	ppb
Calcium	44-1	1204.74	1201.54	1206.75	1204.34	0.22	ppb
Chromium	52-2	0.14	0.13	0.15	0.14	6.97	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	15.03	ppb
Copper	63-2	0.40	0.33	0.37	0.37	9.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	5.80	5.94	5.85	5.86	1.28	ppb
Iron	57-2	6.49	8.10	8.27	7.62	12.91	ppb
Lead	206-1	0.18	0.20	0.17	0.19	9.78	ppb
Lead	207-1	0.17	0.15	0.18	0.17	8.64	ppb
Lead	208-1	0.17	0.17	0.18	0.17	2.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	319.69	320.38	320.79	320.29	0.17	ppb
Manganese	55-2	7.64	7.76	7.78	7.72	0.98	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:24:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.01	0.00	0.01	140.50	ppb
Molybdenum	95-1	0.03	0.03	0.06	0.04	45.36	ppb
Molybdenum	96-1	0.03	0.02	0.05	0.03	37.18	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	21.18	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	10.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.09	0.06	46.04	ppb
Phosphorus	31-2	190.09	191.91	183.09	188.36	2.47	ppb
Potassium	39-2	2309.80	2347.78	2306.24	2321.27	0.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	1.74	2.71	0.80	1.75	54.49	ppb
Selenium	78-2	-0.56	-0.23	2.31	0.51	309.41	ppb
Selenium	82-1	2.13	1.29	1.61	1.68	25.36	ppb
Silicon	28-1	5802.21	5809.63	5828.59	5813.48	0.23	ppb
Silver	109-1	0.24	0.25	3.03	1.17	137.00	ppb
Silver	107-1	0.22	0.25	0.23	0.23	6.97	ppb
Sodium	23-2	163483.89	165343.36	163711.19	164179.48	0.62	ppb
Strontium	86-1	8.70	8.64	8.66	8.67	0.38	ppb
Strontium	88-1	8.66	8.57	8.57	8.60	0.58	ppb
Sulfur	34-1	18596.17	18337.02	18304.82	18412.67	0.87	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.11	0.13	0.13	10.65	ppb
Thallium	205-1	0.16	0.14	0.13	0.14	7.94	ppb
Tin	118-1	0.12	0.19	0.13	0.15	23.92	ppb
Titanium	47-1	0.41	0.37	0.33	0.37	11.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.15	ppb
Vanadium	51-2	0.20	0.21	0.20	0.20	4.93	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2.62	2.67	2.74	2.68	2.30	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:24:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.01	187.64	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:28:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.60	9.43	8.34	8.79	6.53	ppb
Antimony	121-1	0.12	0.12	0.15	0.13	9.90	ppb
Arsenic	75-2	0.15	0.12	0.14	0.14	10.18	ppb
Barium	135-1	13.50	13.54	13.48	13.51	0.24	ppb
Barium	137-1	13.51	13.44	13.60	13.52	0.62	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	29.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	110.85	115.90	112.11	112.95	2.33	ppb
Boron	11-1	115.01	117.21	118.17	116.79	1.39	ppb
Cadmium	111-1	0.00	0.01	-0.14	-0.04		ppb
Cadmium	106-1	0.13	0.06	-1.81	-0.54		ppb
Cadmium	108-1	0.10	-0.04	0.07	0.04	166.53	ppb
Calcium	43-1	3115.97	3108.57	3067.30	3097.28	0.85	ppb
Calcium	44-1	3099.02	3076.80	3088.13	3087.98	0.36	ppb
Chromium	52-2	0.20	0.16	0.17	0.18	12.40	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	34.72	ppb
Copper	63-2	0.54	0.53	0.46	0.51	8.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	5.86	7.98	10.71	8.18	29.70	ppb
Iron	57-2	9.98	9.99	12.54	10.84	13.62	ppb
Lead	206-1	0.17	0.15	0.16	0.16	6.92	ppb
Lead	207-1	0.15	0.12	0.13	0.13	10.52	ppb
Lead	208-1	0.14	0.16	0.14	0.15	9.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	704.19	693.35	686.25	694.60	1.30	ppb
Manganese	55-2	16.89	16.92	16.59	16.80	1.08	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:28:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	24.15	ppb
Molybdenum	96-1	0.01	0.03	0.03	0.02	42.99	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	16.46	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	26.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.09	0.07	0.08	15.47	ppb
Phosphorus	31-2	714.96	663.19	650.57	676.24	5.05	ppb
Potassium	39-2	1953.78	1929.69	1927.22	1936.90	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	1.76	1.29	2.25	1.76	27.23	ppb
Selenium	78-2	1.69	0.84	0.75	1.09	47.57	ppb
Selenium	82-1	1.50	1.30	1.80	1.53	16.45	ppb
Silicon	28-1	5909.67	5976.33	5907.19	5931.06	0.66	ppb
Silver	109-1	0.18	0.21	0.20	0.20	9.36	ppb
Silver	107-1	0.19	0.21	0.18	0.20	8.57	ppb
Sodium	23-2	151155.01	150220.37	150362.76	150579.38	0.33	ppb
Strontium	86-1	17.10	16.67	16.24	16.67	2.57	ppb
Strontium	88-1	16.71	16.49	16.35	16.52	1.09	ppb
Sulfur	34-1	17877.74	17749.56	17588.59	17738.63	0.82	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.08	0.07	6.24	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	5.47	ppb
Tin	118-1	0.13	0.11	0.14	0.13	11.46	ppb
Titanium	47-1	0.75	0.83	1.26	0.94	28.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	159.62	ppb
Vanadium	51-2	0.22	0.23	0.24	0.23	4.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	6.59	6.41	6.34	6.45	2.01	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:28:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.65	0.01	-0.01	0.22	173.85	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA2D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:31:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.73	19.28	7.31	12.77	47.41	ppb
Antimony	121-1	0.14	0.13	0.13	0.13	4.68	ppb
Arsenic	75-2	0.13	0.15	0.13	0.14	8.44	ppb
Barium	135-1	13.45	13.75	13.23	13.48	1.97	ppb
Barium	137-1	13.21	13.53	13.11	13.28	1.66	ppb
Beryllium	9-1	0.02	0.02	0.04	0.02	50.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	108.57	109.71	113.11	110.46	2.14	ppb
Boron	11-1	115.94	117.45	119.52	117.64	1.53	ppb
Cadmium	111-1	-0.04	-0.13	0.02	-0.05		ppb
Cadmium	106-1	-0.50	-1.69	0.21	-0.66		ppb
Cadmium	108-1	0.02	0.07	-0.01	0.03	165.99	ppb
Calcium	43-1	3039.01	3064.34	3155.16	3086.17	1.98	ppb
Calcium	44-1	3049.00	3048.45	3057.84	3051.76	0.17	ppb
Chromium	52-2	0.18	0.17	0.17	0.17	2.95	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	30.41	ppb
Copper	63-2	0.54	0.55	0.56	0.55	1.58	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				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	6.45	5.09	5.56	5.70	12.16	ppb
Iron	57-2	9.83	10.44	9.17	9.81	6.48	ppb
Lead	206-1	0.08	0.06	0.08	0.07	12.48	ppb
Lead	207-1	0.05	0.06	0.07	0.06	9.88	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	700.16	702.42	675.75	692.78	2.13	ppb
Manganese	55-2	16.72	16.51	16.48	16.57	0.81	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA2D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:31:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.04	0.02	71.34	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.00	ppb
Molybdenum	96-1	0.02	0.06	0.04	0.04	53.72	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	34.21	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	37.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.10	0.07	0.09	13.38	ppb
Phosphorus	31-2	699.93	704.50	662.58	689.00	3.34	ppb
Potassium	39-2	1955.68	1955.70	1937.88	1949.76	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	0.81	1.78	3.21	1.93	62.36	ppb
Selenium	78-2	1.61	0.54	0.76	0.97	58.18	ppb
Selenium	82-1	1.40	1.90	1.52	1.61	16.10	ppb
Silicon	28-1	5862.92	5892.77	5907.32	5887.67	0.38	ppb
Silver	109-1	0.19	0.19	0.20	0.19	3.30	ppb
Silver	107-1	0.19	0.19	0.20	0.19	3.72	ppb
Sodium	23-2	151075.07	151106.48	149136.66	150439.41	0.75	ppb
Strontium	86-1	16.78	16.42	16.54	16.58	1.10	ppb
Strontium	88-1	16.54	16.43	16.36	16.44	0.56	ppb
Sulfur	34-1	17210.68	17401.39	17228.29	17280.12	0.61	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.06	0.04	0.05	17.08	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.79	ppb
Tin	118-1	0.15	0.13	0.15	0.14	8.28	ppb
Titanium	47-1	0.75	0.68	0.73	0.72	4.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	196.63	ppb
Vanadium	51-2	0.33	0.31	0.32	0.32	3.18	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	5.21	5.43	5.67	5.44	4.25	ppb
Zirconium	90-1	0.00	0.05	0.02	0.02	112.93	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA2D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:31:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	1255.31	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA2L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-10 14:35:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.47	1.01	1.76	1.41	26.84	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.56	ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	12.92	ppb
Barium	135-1	2.64	2.66	2.70	2.67	1.13	ppb
Barium	137-1	2.58	2.47	2.53	2.52	2.12	ppb
Beryllium	9-1	0.04	0.01	0.04	0.03	62.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	26.68	26.90	27.81	27.13	2.21	ppb
Boron	11-1	26.39	26.72	26.78	26.63	0.77	ppb
Cadmium	111-1	-0.03	-0.08	0.08	-0.01		ppb
Cadmium	106-1	-0.35	-1.10	1.06	-0.13		ppb
Cadmium	108-1	0.05	-0.04	0.02	0.01	493.36	ppb
Calcium	43-1	598.67	582.34	593.52	591.51	1.41	ppb
Calcium	44-1	584.72	579.75	586.14	583.54	0.58	ppb
Chromium	52-2	0.05	0.05	0.06	0.05	11.52	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.24	0.24	0.20	0.23	10.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	1.46	3.05	1.32	1.94	49.31	ppb
Iron	57-2	2.10	-0.04	0.04	0.70	173.02	ppb
Lead	206-1	0.00	0.02	-0.01	0.00	642.71	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				92		%
Magnesium	24-2	131.98	132.09	134.25	132.77	0.96	ppb
Manganese	55-2	3.06	3.21	3.21	3.16	2.78	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA2L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-10 14:35:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	25.53	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	135.82	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	33.32	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	63.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00		ppb
Phosphorus	31-2	100.47	125.02	131.11	118.87	13.64	ppb
Potassium	39-2	371.93	372.07	361.38	368.46	1.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-0.62	-1.12	-0.79	-0.84		ppb
Selenium	82-1	0.08	0.93	0.62	0.54	78.96	ppb
Silicon	28-1	1135.36	1138.72	1130.56	1134.88	0.36	ppb
Silver	109-1	0.07	0.06	0.07	0.06	7.94	ppb
Silver	107-1	0.07	0.08	0.06	0.07	9.25	ppb
Sodium	23-2	28910.85	28831.36	28870.78	28870.99	0.14	ppb
Strontium	86-1	3.78	3.17	2.95	3.30	13.11	ppb
Strontium	88-1	3.19	3.15	3.16	3.16	0.66	ppb
Sulfur	34-1	801.00	629.10	554.04	661.38	19.14	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.02	0.03	0.02	23.68	ppb
Titanium	47-1	0.14	0.05	0.23	0.14	61.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	159.16	ppb
Vanadium	51-2	0.09	0.08	0.07	0.08	8.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.40	0.31	0.36	0.36	11.65	ppb
Zirconium	90-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA2L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-10 14:35:18	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.02	1.90	0.62	178.03	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-05	Instrumnet Name :	P7
Client Sample ID :	MC0AA2S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:38:51	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1781.89	1772.26	1780.23	1778.13	0.29	ppb
Antimony	121-1	93.65	93.64	93.61	93.63	0.02	ppb
Arsenic	75-2	39.19	39.97	40.39	39.85	1.53	ppb
Barium	135-1	1889.22	1873.71	1876.89	1879.94	0.44	ppb
Barium	137-1	1907.51	1905.07	1912.68	1908.42	0.20	ppb
Beryllium	9-1	47.33	46.64	46.74	46.90	0.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	106.18	107.89	109.06	107.71	1.34	ppb
Boron	11-1	112.04	111.07	115.12	112.75	1.88	ppb
Cadmium	111-1	47.76	47.89	48.57	48.07	0.91	ppb
Cadmium	106-1	40.32	38.87	40.90	40.03	2.61	ppb
Cadmium	108-1	41.48	41.09	42.77	41.78	2.10	ppb
Calcium	43-1	2989.96	2955.73	2952.59	2966.10	0.70	ppb
Calcium	44-1	2947.03	2958.63	2935.47	2947.05	0.39	ppb
Chromium	52-2	183.65	183.64	184.81	184.04	0.36	ppb
Cobalt	59-2	474.21	471.39	476.88	474.16	0.58	ppb
Copper	63-2	241.08	240.40	242.52	241.33	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	979.37	971.18	983.58	978.04	0.64	ppb
Iron	57-2	988.88	985.36	989.50	987.91	0.23	ppb
Lead	206-1	19.06	18.89	18.96	18.97	0.44	ppb
Lead	207-1	17.72	17.27	17.34	17.44	1.39	ppb
Lead	208-1	18.30	18.01	18.09	18.13	0.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	680.27	670.16	676.60	675.67	0.76	ppb
Manganese	55-2	477.31	475.11	478.65	477.02	0.37	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-05	Instrumnet Name :	P7
Client Sample ID :	MC0AA2S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:38:51	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.17	0.06	0.09	69.28	ppb
Molybdenum	95-1	0.08	0.10	0.08	0.09	12.09	ppb
Molybdenum	96-1	0.09	0.08	0.11	0.09	15.94	ppb
Molybdenum	97-1	0.10	0.08	0.09	0.09	15.64	ppb
Molybdenum	98-1	0.07	0.09	0.08	0.08	14.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.35	473.62	478.59	476.52	0.54	ppb
Phosphorus	31-2	699.87	694.93	734.60	709.80	3.05	ppb
Potassium	39-2	1902.84	1876.81	1884.85	1888.17	0.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	107.21	104.60	98.38	103.40	4.39	ppb
Selenium	78-2	99.09	100.85	100.03	99.99	0.88	ppb
Selenium	82-1	99.19	99.32	102.93	100.48	2.11	ppb
Silicon	28-1	5876.36	5853.81	5854.35	5861.51	0.22	ppb
Silver	109-1	46.45	46.09	46.25	46.26	0.39	ppb
Silver	107-1	46.29	45.83	46.41	46.18	0.67	ppb
Sodium	23-2	146659.33	145436.26	145890.86	145995.48	0.42	ppb
Strontium	86-1	16.09	16.24	16.06	16.13	0.58	ppb
Strontium	88-1	15.84	15.98	15.90	15.91	0.43	ppb
Sulfur	34-1	16582.87	16467.04	16461.85	16503.92	0.41	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	44.71	45.32	45.30	45.11	0.77	ppb
Thallium	205-1	45.10	44.46	44.84	44.80	0.71	ppb
Tin	118-1	0.18	0.19	0.21	0.19	6.88	ppb
Titanium	47-1	0.64	0.98	0.88	0.83	20.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.33	ppb
Vanadium	51-2	467.28	464.05	466.12	465.82	0.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	483.08	478.32	481.69	481.03	0.51	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-05	Instrumnet Name :	P7
Client Sample ID :	MC0AA2S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:38:51	DataFile Name :	027SMPL.d

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-06	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:42:24	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.22	16.05	20.10	18.12	11.17	ppb
Antimony	121-1	0.28	0.29	0.31	0.30	4.61	ppb
Arsenic	75-2	0.25	0.30	0.32	0.29	13.13	ppb
Barium	135-1	78.54	77.90	81.52	79.32	2.43	ppb
Barium	137-1	79.48	78.39	81.84	79.90	2.21	ppb
Beryllium	9-1	0.17	0.15	0.15	0.16	6.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	59.64	53.05	58.37	57.02	6.13	ppb
Boron	11-1	56.71	57.16	61.12	58.33	4.16	ppb
Cadmium	111-1	-0.01	0.02	0.05	0.02	152.97	ppb
Cadmium	106-1	-0.83	-0.41	0.02	-0.41		ppb
Cadmium	108-1	0.02	0.02	0.16	0.06	130.57	ppb
Calcium	43-1	27668.03	27496.52	28673.68	27946.08	2.28	ppb
Calcium	44-1	28022.42	27866.65	29296.57	28395.21	2.76	ppb
Chromium	52-2	1.43	1.50	1.49	1.47	2.28	ppb
Cobalt	59-2	0.58	0.53	0.59	0.57	5.00	ppb
Copper	63-2	136.56	135.08	134.83	135.49	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	1028.43	1034.09	1015.59	1026.04	0.92	ppb
Iron	57-2	1067.10	1074.11	1047.99	1063.07	1.27	ppb
Lead	206-1	32.91	32.54	33.93	33.13	2.18	ppb
Lead	207-1	29.31	29.61	30.48	29.80	2.03	ppb
Lead	208-1	30.95	30.89	31.88	31.24	1.78	ppb
Lithium	6-1				97		%
Magnesium	24-2	8716.57	8736.78	8661.95	8705.10	0.44	ppb
Manganese	55-2	358.18	360.67	358.17	359.01	0.40	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-06	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:42:24	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.03	0.03	15.83	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	14.33	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	23.81	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.06	12.36	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	20.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.19	18.87	18.14	18.40	2.20	ppb
Phosphorus	31-2	-3.74	15.21	0.67	4.05	245.10	ppb
Potassium	39-2	1841.15	1833.30	1824.98	1833.15	0.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	2.20	0.77	0.78	1.25	65.64	ppb
Selenium	78-2	0.90	1.14	0.56	0.87	33.27	ppb
Selenium	82-1	2.24	1.97	2.51	2.24	11.99	ppb
Silicon	28-1	5968.43	5903.35	6186.26	6019.34	2.46	ppb
Silver	109-1	0.25	0.24	0.24	0.24	1.31	ppb
Silver	107-1	0.24	0.24	0.27	0.25	8.05	ppb
Sodium	23-2	41660.33	41401.45	41047.61	41369.79	0.74	ppb
Strontium	86-1	70.44	71.54	72.38	71.45	1.36	ppb
Strontium	88-1	70.43	70.62	72.90	71.32	1.93	ppb
Sulfur	34-1	15225.88	15233.75	16794.32	15751.32	5.73	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.05	0.07	0.06	16.72	ppb
Thallium	205-1	0.07	0.05	0.07	0.06	11.93	ppb
Tin	118-1	2.60	3.77	2.86	3.08	19.97	ppb
Titanium	47-1	0.57	0.58	0.55	0.57	2.85	ppb
Uranium	238-1	0.09	0.08	0.08	0.09	8.24	ppb
Vanadium	51-2	0.55	0.50	0.62	0.56	10.92	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	20.70	20.31	20.82	20.61	1.29	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-06	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:42:24	DataFile Name :	028SMPL.d

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

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:49:51	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51733.92	51853.89	51724.33	51770.72	0.14	ppb
Antimony	121-1	497.65	497.79	498.41	497.95	0.08	ppb
Arsenic	75-2	512.68	508.40	510.63	510.57	0.42	ppb
Barium	135-1	2523.85	2519.54	2532.43	2525.27	0.26	ppb
Barium	137-1	2544.85	2517.43	2544.50	2535.59	0.62	ppb
Beryllium	9-1	523.41	517.49	517.36	519.42	0.66	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	499.20	517.08	532.04	516.11	3.19	ppb
Boron	11-1	507.19	523.73	523.09	518.00	1.81	ppb
Cadmium	111-1	488.95	486.24	491.91	489.03	0.58	ppb
Cadmium	106-1	502.87	492.50	508.21	501.19	1.59	ppb
Cadmium	108-1	496.44	495.33	500.04	497.27	0.50	ppb
Calcium	43-1	246553.89	245830.46	245628.68	246004.34	0.20	ppb
Calcium	44-1	245647.79	245367.08	245636.30	245550.39	0.06	ppb
Chromium	52-2	514.59	515.09	511.71	513.79	0.35	ppb
Cobalt	59-2	482.17	484.68	483.14	483.33	0.26	ppb
Copper	63-2	942.86	944.06	941.50	942.81	0.14	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				93		%
Indium	115-2				92		%
Iron	56-2	130645.80	129652.49	130283.30	130193.86	0.39	ppb
Iron	57-2	130497.33	129827.95	129893.10	130072.79	0.28	ppb
Lead	206-1	505.72	510.86	500.97	505.85	0.98	ppb
Lead	207-1	496.56	503.79	494.99	498.45	0.94	ppb
Lead	208-1	506.39	510.33	505.06	507.26	0.54	ppb
Lithium	6-1				90		%
Magnesium	24-2	252245.86	251772.26	251718.38	251912.17	0.12	ppb
Manganese	55-2	982.81	983.91	985.56	984.09	0.14	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:49:51	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2560.23	2524.81	2553.28	2546.11	0.74	ppb
Molybdenum	95-1	2570.83	2533.25	2559.22	2554.43	0.75	ppb
Molybdenum	96-1	2558.71	2534.69	2555.03	2549.48	0.51	ppb
Molybdenum	97-1	2557.41	2527.51	2551.07	2545.33	0.62	ppb
Molybdenum	98-1	2559.29	2527.39	2545.73	2544.14	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.87	493.34	492.00	492.40	0.17	ppb
Phosphorus	31-2	10085.51	10094.47	10300.80	10160.26	1.20	ppb
Potassium	39-2	127024.55	126228.57	126808.27	126687.13	0.32	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	517.37	498.13	493.33	502.95	2.53	ppb
Selenium	78-2	499.95	508.56	498.04	502.18	1.12	ppb
Selenium	82-1	497.18	487.98	491.99	492.38	0.94	ppb
Silicon	28-1	592.93	594.77	596.46	594.72	0.30	ppb
Silver	109-1	490.40	484.38	494.74	489.84	1.06	ppb
Silver	107-1	493.26	489.78	494.35	492.46	0.48	ppb
Sodium	23-2	252460.43	252159.63	252101.74	252240.60	0.08	ppb
Strontium	86-1	513.89	510.90	510.96	511.92	0.33	ppb
Strontium	88-1	521.49	518.90	517.19	519.19	0.42	ppb
Sulfur	34-1	9475.66	9632.36	9656.70	9588.24	1.02	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	504.18	510.72	510.22	508.37	0.72	ppb
Thallium	205-1	511.33	520.66	511.99	514.66	1.01	ppb
Tin	118-1	498.18	496.13	497.96	497.42	0.23	ppb
Titanium	47-1	2528.37	2510.80	2534.02	2524.40	0.48	ppb
Uranium	238-1	520.57	520.84	520.12	520.51	0.07	ppb
Vanadium	51-2	500.98	500.59	498.70	500.09	0.24	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	939.82	944.38	943.29	942.50	0.25	ppb
Zirconium	90-1	512.05	509.49	510.73	510.75	0.25	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:49:51	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.50	499.42	504.48	503.47	0.72	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:58:07	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.95	2.27	2.69	2.30	16.26	ppb
Antimony	121-1	0.12	0.12	0.14	0.13	11.31	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.03	0.03	0.03	0.03	7.27	ppb
Barium	137-1	0.02	0.04	0.03	0.03	35.91	ppb
Beryllium	9-1	0.04	0.07	0.06	0.06	25.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	2.96	4.05	3.12	3.38	17.44	ppb
Boron	11-1	3.73	4.12	3.84	3.90	5.22	ppb
Cadmium	111-1	-0.07	-0.14	-0.06	-0.09		ppb
Cadmium	106-1	-0.96	-1.79	-0.67	-1.14		ppb
Cadmium	108-1	0.10	0.05	0.10	0.08	38.46	ppb
Calcium	43-1	2.66	3.06	2.21	2.64	16.12	ppb
Calcium	44-1	1.84	-0.30	0.50	0.68	158.24	ppb
Chromium	52-2	0.04	0.03	0.04	0.04	19.32	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	2685.28	ppb
Copper	63-2	0.09	0.09	0.09	0.09	3.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	1.28	1.32	1.32	1.31	1.80	ppb
Iron	57-2	0.24	1.72	1.54	1.17	69.01	ppb
Lead	206-1	0.06	0.04	0.04	0.05	15.35	ppb
Lead	207-1	0.04	0.04	0.05	0.04	10.21	ppb
Lead	208-1	0.05	0.05	0.04	0.05	7.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.99	0.38	1.13	1.16	69.10	ppb
Manganese	55-2	0.01	0.00	0.02	0.01	88.22	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:58:07	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.02	0.05	50.08	ppb
Molybdenum	95-1	0.10	0.09	0.09	0.09	4.61	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	2.78	ppb
Molybdenum	97-1	0.10	0.09	0.10	0.10	4.54	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.03	0.00		ppb
Phosphorus	31-2	-2.21	-18.95	-13.07	-11.41		ppb
Potassium	39-2	-2.80	-1.65	-6.37	-3.61		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-0.08	0.02	-0.61	-0.22		ppb
Selenium	82-1	0.13	-0.63	-0.13	-0.21		ppb
Silicon	28-1	-6.56	-5.19	-6.51	-6.09		ppb
Silver	109-1	0.02	0.01	0.01	0.01	31.38	ppb
Silver	107-1	0.02	0.04	0.03	0.03	28.04	ppb
Sodium	23-2	35.59	32.68	29.41	32.56	9.50	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	1450.19	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	8.70	ppb
Sulfur	34-1	-2050.42	-1740.26	-1972.48	-1921.05		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.02	0.02	30.04	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	11.61	ppb
Tin	118-1	0.03	0.02	0.04	0.03	34.90	ppb
Titanium	47-1	-0.02	0.03	0.02	0.01	220.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	15.53	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	78.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.12	0.08	-0.06	0.04	213.66	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:58:07	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.01	0.00	6865.23	ppb

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:50:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	33	39	24.75	cps
Antimony	121-1	33	42	25	33	25.01	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	67	92	75	78	16.37	cps
Beryllium	9-1	33	61	39	44	33.07	cps
Bismuth	209-1	9692377	9548539	9621680	9620865	0.75	cps
Bismuth	209-2	6013927	6013494	6033303	6020241	0.19	cps
Boron	10-1	208	208	142	186	20.68	cps
Boron	11-1	950	967	750	889	13.57	cps
Cadmium	111-1	2562	2501	2641	2568	2.73	cps
Cadmium	106-1	3642	3567	3759	3656	2.64	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Calcium	43-1	192	183	133	169	18.62	cps
Calcium	44-1	8961	8861	9654	9159	4.71	cps
Chromium	52-2	323	327	380	343	9.26	cps
Cobalt	59-2	77	83	73	78	6.55	cps
Copper	63-2	810	753	813	792	4.26	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	7	27	20	18	57.27	cps
Gadolinium	160-1	75	125	142	114	30.46	cps
Gadolinium	160-2	187	187	220	198	9.73	cps
Holmium	165-1	14626216	14472024	14583071	14560437	0.55	cps
Holmium	165-2	8172194	8122851	8185050	8160032	0.40	cps
Indium	115-1	11134360	11013654	11058722	11068912	0.55	cps
Indium	115-2	2607988	2600506	2607816	2605437	0.16	cps
Iron	56-2	4340	4284	4306	4310	0.65	cps
Iron	57-2	411	411	483	435	9.58	cps
Lead	206-1	367	350	494	404	19.58	cps
Lead	207-1	306	439	300	348	22.59	cps
Lead	208-1	1583	1706	1639	1643	3.73	cps
Lithium	6-1	2974725	2933226	2961485	2956478	0.72	cps
Magnesium	24-2	650	692	725	689	5.46	cps
Manganese	55-2	73	57	70	67	13.22	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:50:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	317	342	328	3.88	cps
Molybdenum	95-1	33	17	8	19	65.47	cps
Molybdenum	96-1	67	83	75	75	11.11	cps
Molybdenum	97-1	50	42	33	42	20.00	cps
Molybdenum	98-1	33	33	25	31	15.74	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	100	87	93	93	7.14	cps
Phosphorus	31-2	308	300	383	331	13.88	cps
Potassium	39-2	45563	46934	45462	45986	1.79	cps
Rhodium	103-1	10578520	10551643	10593165	10574442	0.20	cps
Rhodium	103-2	5387756	5403284	5408802	5399947	0.20	cps
Scandium	45-1	7114967	7059026	7100414	7091469	0.41	cps
Scandium	45-2	376828	376895	377815	377179	0.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	107	102	91	100	8.49	cps
Selenium	82-1	-93	65	-13	-14	-584.84	cps
Silicon	28-1	358780	354541	359246	357522	0.73	cps
Silver	109-1	117	83	133	111	22.91	cps
Silver	107-1	100	100	192	131	40.54	cps
Sodium	23-2	25990	25706	26023	25906	0.67	cps
Strontium	86-1	808	633	683	708	12.73	cps
Strontium	88-1	183	142	142	156	15.47	cps
Sulfur	34-1	480332	471571	470703	474202	1.12	cps
Terbium	159-1	14812033	14770724	14860234	14814330	0.30	cps
Terbium	159-2	8024595	7972689	8042640	8013308	0.45	cps
Thallium	203-1	200	267	200	222	17.32	cps
Thallium	205-1	508	700	458	556	22.96	cps
Tin	118-1	725	533	508	589	20.13	cps
Titanium	47-1	117	117	100	111	8.66	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	17	20	7	14	48.02	cps
Yttrium	89-1	11872023	11725990	11791452	11796488	0.62	cps
Yttrium	89-2	2005350	1999965	2014726	2006680	0.37	cps
Zinc	66-2	307	280	263	283	7.72	cps
Zirconium	90-1	842	892	967	900	6.99	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:50:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	133	200	183	24.05	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:59:09	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2142	1817	1975	1978	8.22	cps
Antimony	121-1	15067	15134	15159	15120	0.31	cps
Arsenic	75-2	357	367	337	354	4.29	cps
Barium	135-1	18263	18989	18096	18449	2.57	cps
Barium	137-1	31946	31453	31888	31762	0.85	cps
Beryllium	9-1	1911	1822	1828	1854	2.69	cps
Bismuth	209-1	9431948	9503119	9531382	9488816	0.54	cps
Bismuth	209-2	6146262	6174038	6215682	6178661	0.57	cps
Boron	10-1	5143	4843	4651	4879	5.08	cps
Boron	11-1	22309	22442	22150	22301	0.66	cps
Cadmium	111-1	4571	4683	4548	4601	1.57	cps
Cadmium	106-1	4242	4301	4092	4212	2.55	cps
Cadmium	108-1	142	129	125	132	6.57	cps
Calcium	43-1	11280	11121	10729	11043	2.56	cps
Calcium	44-1	184537	183214	183812	183854	0.36	cps
Chromium	52-2	6141	5928	5951	6007	1.95	cps
Cobalt	59-2	4557	4277	4324	4386	3.42	cps
Copper	63-2	7089	7159	7169	7139	0.61	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	23	37	37	32	23.90	cps
Gadolinium	160-1	58	75	133	89	44.30	cps
Gadolinium	160-2	163	123	220	169	28.76	cps
Holmium	165-1	14316221	14426415	14406493	14383043	0.41	cps
Holmium	165-2	8086820	8039193	8098315	8074776	0.39	cps
Indium	115-1	10940063	10964745	10974153	10959654	0.16	cps
Indium	115-2	2670885	2663790	2695982	2676885	0.63	cps
Iron	56-2	116150	116637	116363	116383	0.21	cps
Iron	57-2	3278	3189	3323	3263	2.08	cps
Lead	206-1	6335	6546	6574	6485	2.02	cps
Lead	207-1	5979	6096	5679	5918	3.63	cps
Lead	208-1	26444	26839	26339	26541	0.99	cps
Lithium	6-1	3012431	3018864	2999845	3010380	0.32	cps
Magnesium	24-2	96921	96728	97809	97153	0.59	cps
Manganese	55-2	1773	1690	1707	1723	2.56	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:59:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15501	15167	15651	15439	1.60	cps
Molybdenum	95-1	18037	18087	18154	18093	0.32	cps
Molybdenum	96-1	19915	20148	19865	19976	0.76	cps
Molybdenum	97-1	11580	11538	11380	11500	0.92	cps
Molybdenum	98-1	28521	29490	28488	28833	1.97	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1223	1303	1407	1311	7.01	cps
Phosphorus	31-2	475	275	408	386	26.38	cps
Potassium	39-2	152199	150187	151592	151326	0.68	cps
Rhodium	103-1	10340524	10429546	10430757	10400276	0.50	cps
Rhodium	103-2	5525233	5475412	5564091	5521579	0.81	cps
Scandium	45-1	7001227	7067425	7068473	7045708	0.55	cps
Scandium	45-2	388516	388801	388430	388582	0.05	cps
Selenium	77-2	37	47	10	31	60.93	cps
Selenium	78-2	198	196	196	197	0.54	cps
Selenium	82-1	554	533	566	551	2.95	cps
Silicon	28-1	439547	441361	434783	438563	0.77	cps
Silver	109-1	9387	8211	8403	8667	7.28	cps
Silver	107-1	9028	8995	8720	8914	1.90	cps
Sodium	23-2	207464	205040	209720	207408	1.13	cps
Strontium	86-1	3017	2775	3326	3039	9.07	cps
Strontium	88-1	20557	20691	21492	20913	2.42	cps
Sulfur	34-1	474812	476314	473929	475019	0.25	cps
Terbium	159-1	14611273	14785978	14703377	14700209	0.59	cps
Terbium	159-2	7984936	7936913	8000977	7974276	0.42	cps
Thallium	203-1	7786	7561	8111	7819	3.54	cps
Thallium	205-1	18021	18889	18839	18583	2.62	cps
Tin	118-1	29924	30309	29924	30052	0.74	cps
Titanium	47-1	5193	5468	5518	5393	3.25	cps
Uranium	238-1	26770	25626	25643	26013	2.52	cps
Vanadium	51-2	10981	10984	11098	11021	0.60	cps
Yttrium	89-1	11646905	11717355	11734291	11699517	0.40	cps
Yttrium	89-2	2071400	2052278	2077946	2067208	0.65	cps
Zinc	66-2	1293	1253	1280	1276	1.60	cps
Zirconium	90-1	13932	13574	13557	13688	1.55	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 12:59:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3109	3125	3134	3123	0.41	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:03:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93978	95588	93072	94212	1.35	cps
Antimony	121-1	418763	414203	420949	417971	0.82	cps
Arsenic	75-2	18091	17362	17329	17594	2.45	cps
Barium	135-1	505608	503372	508381	505787	0.50	cps
Barium	137-1	885364	877311	880072	880916	0.46	cps
Beryllium	9-1	90927	91793	91983	91567	0.61	cps
Bismuth	209-1	9474142	9535387	9478728	9496085	0.36	cps
Bismuth	209-2	6196768	6188149	6195481	6193466	0.08	cps
Boron	10-1	10129	10221	10421	10257	1.46	cps
Boron	11-1	47208	49348	48780	48445	2.29	cps
Cadmium	111-1	102707	104096	103607	103470	0.68	cps
Cadmium	106-1	14416	14608	14958	14661	1.88	cps
Cadmium	108-1	7661	7510	7840	7670	2.15	cps
Calcium	43-1	120104	121328	121126	120853	0.54	cps
Calcium	44-1	1964013	1963864	1967829	1965235	0.11	cps
Chromium	52-2	143907	145594	144247	144582	0.62	cps
Cobalt	59-2	228660	228761	228470	228630	0.06	cps
Copper	63-2	324988	322563	320187	322579	0.74	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	13	3	20	12	68.66	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	27	13	13	18	43.33	cps
Gadolinium	160-1	83	33	133	83	60.00	cps
Gadolinium	160-2	183	217	193	198	8.65	cps
Holmium	165-1	14417268	14487196	14527065	14477176	0.38	cps
Holmium	165-2	8062458	8055538	8104065	8074021	0.33	cps
Indium	115-1	10899674	10980739	10858647	10913020	0.57	cps
Indium	115-2	2640416	2637648	2646320	2641461	0.17	cps
Iron	56-2	6012246	6045405	5992894	6016848	0.44	cps
Iron	57-2	147101	147192	147208	147167	0.04	cps
Lead	206-1	337785	337720	337858	337788	0.02	cps
Lead	207-1	302039	303863	306300	304067	0.70	cps
Lead	208-1	1360221	1365913	1369438	1365191	0.34	cps
Lithium	6-1	2995112	2994745	2996979	2995612	0.04	cps
Magnesium	24-2	1056471	1047756	1050455	1051561	0.42	cps
Manganese	55-2	166695	170066	166169	167643	1.26	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:03:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	810852	813164	807109	810375	0.38	cps
Molybdenum	95-1	1001234	1003303	993525	999354	0.52	cps
Molybdenum	96-1	1101986	1099316	1099036	1100113	0.15	cps
Molybdenum	97-1	619503	614382	614473	616119	0.48	cps
Molybdenum	98-1	1595815	1589675	1597056	1594182	0.25	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	61575	60240	60032	60616	1.38	cps
Phosphorus	31-2	5918	5560	5493	5657	4.04	cps
Potassium	39-2	605610	603612	597858	602360	0.67	cps
Rhodium	103-1	10317124	10243676	10249301	10270034	0.40	cps
Rhodium	103-2	5474426	5440671	5438946	5451348	0.37	cps
Scandium	45-1	6972795	7030577	6972715	6992029	0.48	cps
Scandium	45-2	376691	379945	376231	377622	0.54	cps
Selenium	77-2	390	377	387	384	1.80	cps
Selenium	78-2	1296	1300	1389	1328	3.95	cps
Selenium	82-1	5978	6179	6265	6141	2.40	cps
Silicon	28-1	640420	642823	642666	641969	0.21	cps
Silver	109-1	475446	474392	474705	474848	0.11	cps
Silver	107-1	499460	507878	496855	501398	1.15	cps
Sodium	23-2	2004142	2004193	1999711	2002682	0.13	cps
Strontium	86-1	129278	129521	128940	129247	0.23	cps
Strontium	88-1	1116481	1118164	1122947	1119197	0.30	cps
Sulfur	34-1	508241	498251	508235	504909	1.14	cps
Terbium	159-1	14740748	14931902	14844796	14839149	0.64	cps
Terbium	159-2	7975425	7915198	7957223	7949282	0.39	cps
Thallium	203-1	414362	410546	414790	413233	0.57	cps
Thallium	205-1	981192	979584	988391	983056	0.48	cps
Tin	118-1	318908	320946	321921	320592	0.48	cps
Titanium	47-1	279162	283010	277523	279898	1.01	cps
Uranium	238-1	1406879	1410685	1407191	1408252	0.15	cps
Vanadium	51-2	117705	120151	119855	119237	1.12	cps
Yttrium	89-1	11655976	11626682	11637176	11639945	0.13	cps
Yttrium	89-2	2044596	2045004	2029045	2039548	0.45	cps
Zinc	66-2	47734	46915	47564	47405	0.91	cps
Zirconium	90-1	676081	674070	671669	673940	0.33	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:03:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150215	151442	150710	150789	0.41	cps

LB Number : LB95280 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-10 13:07:14 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223291	222202	223495	222996	0.31	cps
Antimony	121-1	1040261	1044707	1050588	1045185	0.50	cps
Arsenic	75-2	42945	41678	41628	42083	1.77	cps
Barium	135-1	1238480	1257069	1250996	1248848	0.76	cps
Barium	137-1	2188181	2193122	2206437	2195913	0.43	cps
Beryllium	9-1	221587	222715	222240	222181	0.25	cps
Bismuth	209-1	9401604	9368073	9351278	9373652	0.27	cps
Bismuth	209-2	5907539	5950706	5962368	5940205	0.49	cps
Boron	10-1	24896	24612	25923	25144	2.74	cps
Boron	11-1	113666	112961	115177	113935	0.99	cps
Cadmium	111-1	251021	250977	253921	251973	0.67	cps
Cadmium	106-1	30124	30893	30910	30642	1.46	cps
Cadmium	108-1	18642	19051	19197	18963	1.52	cps
Calcium	43-1	290199	294840	295537	293525	0.99	cps
Calcium	44-1	4811609	4834910	4888245	4844921	0.81	cps
Chromium	52-2	346790	344378	344581	345250	0.39	cps
Cobalt	59-2	549536	548354	548960	548950	0.11	cps
Copper	63-2	770337	772411	771438	771395	0.13	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	20	7	30	19	61.96	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	92	58	117	89	32.92	cps
Gadolinium	160-2	160	167	213	180	16.15	cps
Holmium	165-1	14469429	14460433	14394809	14441557	0.28	cps
Holmium	165-2	7872330	7829881	7861601	7854604	0.28	cps
Indium	115-1	10720606	10780480	10656919	10719335	0.58	cps
Indium	115-2	2506209	2532053	2511519	2516594	0.54	cps
Iron	56-2	14478616	14478465	14424481	14460521	0.22	cps
Iron	57-2	353500	354017	355895	354470	0.36	cps
Lead	206-1	833347	836012	851365	840241	1.16	cps
Lead	207-1	755316	761537	764889	760581	0.64	cps
Lead	208-1	3389234	3409229	3436974	3411813	0.70	cps
Lithium	6-1	2910281	2890039	2869069	2889796	0.71	cps
Magnesium	24-2	2490604	2501314	2497089	2496336	0.22	cps
Manganese	55-2	402356	403555	399510	401807	0.52	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:07:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2015116	1995641	2014954	2008570	0.56	cps
Molybdenum	95-1	2469613	2466270	2464708	2466864	0.10	cps
Molybdenum	96-1	2712558	2739270	2731789	2727872	0.51	cps
Molybdenum	97-1	1536269	1545701	1534665	1538878	0.39	cps
Molybdenum	98-1	3980553	3998849	3984408	3987937	0.24	cps
Neodymium	150-1	113	87	80	93	18.90	cps
Neodymium	150-2	3	27	17	16	75.27	cps
Nickel	60-2	145052	145130	146009	145397	0.37	cps
Phosphorus	31-2	12965	13824	13298	13362	3.24	cps
Potassium	39-2	1387474	1370982	1375840	1378099	0.61	cps
Rhodium	103-1	10023143	10123328	9979022	10041831	0.74	cps
Rhodium	103-2	5167619	5188204	5176682	5177502	0.20	cps
Scandium	45-1	6832901	6813679	6782841	6809807	0.37	cps
Scandium	45-2	355115	353199	353211	353842	0.31	cps
Selenium	77-2	903	977	767	882	12.08	cps
Selenium	78-2	3017	3137	2939	3031	3.29	cps
Selenium	82-1	15285	15430	15211	15309	0.73	cps
Silicon	28-1	1030621	1031117	1031199	1030979	0.03	cps
Silver	109-1	1176685	1179421	1183502	1179869	0.29	cps
Silver	107-1	1225207	1230909	1240922	1232346	0.65	cps
Sodium	23-2	4715969	4724012	4692775	4710919	0.34	cps
Strontium	86-1	317054	313543	318383	316327	0.79	cps
Strontium	88-1	2784836	2789970	2759232	2778013	0.59	cps
Sulfur	34-1	550529	550169	550859	550519	0.06	cps
Terbium	159-1	14677009	14768648	14612801	14686153	0.53	cps
Terbium	159-2	7753972	7677302	7757062	7729445	0.58	cps
Thallium	203-1	1032250	1027712	1038443	1032802	0.52	cps
Thallium	205-1	2471085	2452054	2495391	2472844	0.88	cps
Tin	118-1	798970	801214	797646	799277	0.23	cps
Titanium	47-1	690801	683113	691007	688307	0.65	cps
Uranium	238-1	3560722	3565952	3571565	3566080	0.15	cps
Vanadium	51-2	286355	286119	284482	285652	0.36	cps
Yttrium	89-1	11498015	11505050	11416919	11473328	0.43	cps
Yttrium	89-2	1940945	1933310	1903020	1925758	1.04	cps
Zinc	66-2	113829	114572	112300	113567	1.02	cps
Zirconium	90-1	1670799	1681510	1691295	1681201	0.61	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:07:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367470	368435	373728	369878	0.91	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:11:03	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	407596	403097	401106	403933	0.82	cps
Antimony	121-1	2113194	2115230	2099380	2109268	0.41	cps
Arsenic	75-2	77769	77257	77205	77411	0.40	cps
Barium	135-1	2542286	2537734	2526421	2535480	0.32	cps
Barium	137-1	4494208	4466950	4435751	4465636	0.66	cps
Beryllium	9-1	430242	426874	428308	428475	0.39	cps
Bismuth	209-1	9361162	9377530	9432153	9390282	0.40	cps
Bismuth	209-2	5860893	5926134	5922987	5903338	0.62	cps
Boron	10-1	47224	47517	48353	47698	1.23	cps
Boron	11-1	220230	221811	221854	221298	0.42	cps
Cadmium	111-1	501942	497228	501263	500144	0.51	cps
Cadmium	106-1	57309	58890	56689	57629	1.97	cps
Cadmium	108-1	36944	37500	36297	36914	1.63	cps
Calcium	43-1	582827	580386	577414	580209	0.47	cps
Calcium	44-1	9520512	9457833	9486064	9488136	0.33	cps
Chromium	52-2	634456	631483	631615	632518	0.27	cps
Cobalt	59-2	1012086	1012364	1005366	1009939	0.39	cps
Copper	63-2	1425474	1417915	1415831	1419740	0.36	cps
Dysprosium	156-1	92	25	25	47	81.51	cps
Dysprosium	156-2	33	37	37	36	5.42	cps
Erbium	164-1	58	17	83	53	63.81	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	92	92	58	81	23.89	cps
Gadolinium	160-2	170	163	140	158	9.98	cps
Holmium	165-1	14418253	14406888	14402262	14409135	0.06	cps
Holmium	165-2	7784345	7803775	7780075	7789398	0.16	cps
Indium	115-1	10494370	10371223	10441406	10435666	0.59	cps
Indium	115-2	2394501	2388596	2407806	2396968	0.41	cps
Iron	56-2	26733849	26563970	26434348	26577389	0.57	cps
Iron	57-2	653081	651369	648497	650982	0.36	cps
Lead	206-1	1710947	1705913	1722086	1712982	0.48	cps
Lead	207-1	1540512	1544231	1555910	1546885	0.52	cps
Lead	208-1	6972878	6938132	7034701	6981904	0.70	cps
Lithium	6-1	2781068	2754701	2763100	2766290	0.49	cps
Magnesium	24-2	4531522	4508766	4514048	4518112	0.26	cps
Manganese	55-2	740002	739188	736758	738649	0.23	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:11:03	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4046677	3994891	4042295	4027955	0.71	cps
Molybdenum	95-1	4977702	4966735	4991094	4978510	0.25	cps
Molybdenum	96-1	5485047	5480453	5524841	5496780	0.44	cps
Molybdenum	97-1	3048140	3052228	3068017	3056128	0.34	cps
Molybdenum	98-1	7870567	7796006	7765473	7810682	0.69	cps
Neodymium	150-1	200	167	173	180	9.80	cps
Neodymium	150-2	27	30	17	24	28.38	cps
Nickel	60-2	266610	265097	263925	265211	0.51	cps
Phosphorus	31-2	23361	22685	22718	22921	1.66	cps
Potassium	39-2	2449308	2439722	2434078	2441036	0.32	cps
Rhodium	103-1	9766029	9673504	9632209	9690581	0.71	cps
Rhodium	103-2	4939702	4937685	4931170	4936186	0.09	cps
Scandium	45-1	6586667	6555566	6524796	6555676	0.47	cps
Scandium	45-2	322912	322284	323407	322868	0.17	cps
Selenium	77-2	1673	1673	1693	1680	0.69	cps
Selenium	78-2	5512	5786	5492	5597	2.94	cps
Selenium	82-1	30792	30889	30907	30863	0.20	cps
Silicon	28-1	1648107	1632197	1620173	1633492	0.86	cps
Silver	109-1	2332632	2345445	2324925	2334334	0.44	cps
Silver	107-1	2480384	2452969	2433512	2455622	0.96	cps
Sodium	23-2	8558591	8548581	8581182	8562785	0.20	cps
Strontium	86-1	636284	621865	624847	627666	1.21	cps
Strontium	88-1	5599781	5554476	5538677	5564311	0.57	cps
Sulfur	34-1	613762	610440	599336	607846	1.24	cps
Terbium	159-1	14696599	14552904	14652651	14634051	0.50	cps
Terbium	159-2	7599395	7622903	7629257	7617185	0.21	cps
Thallium	203-1	2121841	2109497	2124633	2118657	0.38	cps
Thallium	205-1	5119916	5074629	5132016	5108854	0.59	cps
Tin	118-1	1602159	1591419	1598252	1597277	0.34	cps
Titanium	47-1	1345371	1348494	1347387	1347084	0.12	cps
Uranium	238-1	7247479	7283914	7346995	7292796	0.69	cps
Vanadium	51-2	525101	525573	522020	524231	0.37	cps
Yttrium	89-1	11257810	11103894	11129058	11163587	0.74	cps
Yttrium	89-2	1819317	1815002	1822482	1818934	0.21	cps
Zinc	66-2	211819	209351	211254	210808	0.61	cps
Zirconium	90-1	3354461	3336262	3342257	3344327	0.28	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:11:03	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	744701	736938	737199	739613	0.60	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:14:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	764667	764387	756216	761757	0.63	cps
Antimony	121-1	4146389	4174128	4208570	4176362	0.75	cps
Arsenic	75-2	147873	147881	146383	147379	0.59	cps
Barium	135-1	4957807	5027353	5023728	5002963	0.78	cps
Barium	137-1	8548190	8639856	8659111	8615719	0.69	cps
Beryllium	9-1	789849	788178	783080	787036	0.45	cps
Bismuth	209-1	9313836	9362582	9422194	9366204	0.58	cps
Bismuth	209-2	5859243	5864270	5869311	5864275	0.09	cps
Boron	10-1	90662	88173	88911	89249	1.43	cps
Boron	11-1	410822	411501	414151	412158	0.43	cps
Cadmium	111-1	964823	963828	967424	965359	0.19	cps
Cadmium	106-1	105994	107337	107740	107024	0.85	cps
Cadmium	108-1	70424	72715	72221	71786	1.68	cps
Calcium	43-1	1082904	1085323	1081908	1083379	0.16	cps
Calcium	44-1	17702475	17696399	17702501	17700458	0.02	cps
Chromium	52-2	1189908	1186217	1190216	1188780	0.19	cps
Cobalt	59-2	1901313	1902936	1903285	1902511	0.06	cps
Copper	63-2	2675924	2673903	2676293	2675373	0.05	cps
Dysprosium	156-1	108	58	92	86	29.56	cps
Dysprosium	156-2	47	63	53	54	15.40	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	17	43	20	27	54.47	cps
Gadolinium	160-1	117	108	83	103	16.88	cps
Gadolinium	160-2	107	177	177	153	26.36	cps
Holmium	165-1	14291165	14338266	14547377	14392270	0.95	cps
Holmium	165-2	7746131	7689580	7748784	7728165	0.43	cps
Indium	115-1	10219759	10232532	10280993	10244428	0.32	cps
Indium	115-2	2312958	2304995	2313700	2310551	0.21	cps
Iron	56-2	50420754	49992596	50054565	50155971	0.46	cps
Iron	57-2	1235780	1230886	1230476	1232381	0.24	cps
Lead	206-1	3397733	3422262	3453996	3424664	0.82	cps
Lead	207-1	3082102	3107310	3132320	3107244	0.81	cps
Lead	208-1	13807192	13930025	14044153	13927123	0.85	cps
Lithium	6-1	2601035	2599755	2597229	2599340	0.07	cps
Magnesium	24-2	8535845	8519580	8495851	8517092	0.24	cps
Manganese	55-2	1399666	1390057	1388301	1392674	0.44	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:14:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7660470	7657040	7742270	7686594	0.63	cps
Molybdenum	95-1	9445229	9483190	9567017	9498478	0.66	cps
Molybdenum	96-1	10332148	10404296	10469826	10402090	0.66	cps
Molybdenum	97-1	5839802	5902905	5898777	5880495	0.60	cps
Molybdenum	98-1	15034847	15282932	15199008	15172262	0.83	cps
Neodymium	150-1	307	367	293	322	12.12	cps
Neodymium	150-2	53	40	40	44	17.32	cps
Nickel	60-2	493319	497254	496995	495856	0.44	cps
Phosphorus	31-2	43230	42695	41734	42553	1.78	cps
Potassium	39-2	4561119	4543844	4525849	4543604	0.39	cps
Rhodium	103-1	9214240	9373229	9384278	9323916	1.02	cps
Rhodium	103-2	4761225	4765993	4789634	4772284	0.32	cps
Scandium	45-1	6148121	6163998	6170695	6160938	0.19	cps
Scandium	45-2	307140	306505	305295	306314	0.31	cps
Selenium	77-2	3027	3094	3280	3134	4.19	cps
Selenium	78-2	10513	10882	10130	10508	3.58	cps
Selenium	82-1	57810	58108	58048	57988	0.27	cps
Silicon	28-1	2655718	2658959	2656127	2656935	0.07	cps
Silver	109-1	4474777	4470503	4527722	4491001	0.71	cps
Silver	107-1	4654441	4730676	4746887	4710668	1.05	cps
Sodium	23-2	16102428	16100100	16045927	16082818	0.20	cps
Strontium	86-1	1198911	1211406	1205202	1205173	0.52	cps
Strontium	88-1	10506713	10589852	10598843	10565136	0.48	cps
Sulfur	34-1	705596	703943	701815	703785	0.27	cps
Terbium	159-1	14681716	14550669	14694455	14642280	0.54	cps
Terbium	159-2	7614396	7568744	7557078	7580073	0.40	cps
Thallium	203-1	4195256	4246020	4288266	4243181	1.10	cps
Thallium	205-1	9959196	10081027	10161772	10067332	1.01	cps
Tin	118-1	3112464	3123815	3159235	3131838	0.78	cps
Titanium	47-1	2502792	2498103	2502927	2501274	0.11	cps
Uranium	238-1	14628056	14723333	14937268	14762886	1.07	cps
Vanadium	51-2	991945	987604	988895	989481	0.23	cps
Yttrium	89-1	10764492	10785144	10831448	10793695	0.32	cps
Yttrium	89-2	1754757	1757997	1753156	1755303	0.14	cps
Zinc	66-2	394914	395297	397414	395875	0.34	cps
Zirconium	90-1	6408210	6445745	6476562	6443506	0.53	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:14:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1419121	1415432	1423467	1419340	0.28	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:18:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1523063	1516399	1516225	1518562	0.26	cps
Antimony	121-1	8203154	8166853	8252950	8207652	0.53	cps
Arsenic	75-2	295582	295889	295133	295535	0.13	cps
Barium	135-1	9832017	9891025	9920818	9881287	0.46	cps
Barium	137-1	17047151	17165154	17172938	17128414	0.41	cps
Beryllium	9-1	1520512	1524757	1535841	1527037	0.52	cps
Bismuth	209-1	9268970	9290499	9350972	9303480	0.46	cps
Bismuth	209-2	5688607	5794862	5746220	5743229	0.93	cps
Boron	10-1	176206	175649	178927	176927	0.99	cps
Boron	11-1	809912	818688	828654	819084	1.14	cps
Cadmium	111-1	1884797	1880203	1894693	1886564	0.39	cps
Cadmium	106-1	205444	202451	206788	204894	1.08	cps
Cadmium	108-1	139108	140067	140795	139990	0.60	cps
Calcium	43-1	2153321	2149396	2178443	2160386	0.73	cps
Calcium	44-1	35037559	35049976	35480888	35189474	0.72	cps
Chromium	52-2	2387782	2393447	2396198	2392476	0.18	cps
Cobalt	59-2	3803902	3795725	3824792	3808140	0.39	cps
Copper	63-2	5295161	5331870	5347047	5324693	0.50	cps
Dysprosium	156-1	225	100	133	153	42.37	cps
Dysprosium	156-2	147	127	93	122	22.04	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	20	43	33	32	36.33	cps
Gadolinium	160-1	67	133	117	106	32.87	cps
Gadolinium	160-2	157	207	197	187	14.17	cps
Holmium	165-1	14363484	14468784	14530700	14454323	0.58	cps
Holmium	165-2	7736186	7767985	7747128	7750433	0.21	cps
Indium	115-1	10065427	10000687	10135037	10067050	0.67	cps
Indium	115-2	2282827	2286409	2292407	2287214	0.21	cps
Iron	56-2	100244077	99722961	100234430	100067156	0.30	cps
Iron	57-2	2474537	2467648	2477742	2473309	0.21	cps
Lead	206-1	6723180	6697678	6834111	6751656	1.07	cps
Lead	207-1	6220729	6182438	6276852	6226673	0.76	cps
Lead	208-1	27547611	27492601	27818756	27619656	0.63	cps
Lithium	6-1	2544442	2548601	2553146	2548730	0.17	cps
Magnesium	24-2	16992835	16955774	16838598	16929069	0.48	cps
Manganese	55-2	2798214	2793695	2796188	2796032	0.08	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:18:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15255458	15375265	15339807	15323510	0.40	cps
Molybdenum	95-1	18638104	18750232	18826020	18738119	0.50	cps
Molybdenum	96-1	20522438	20722719	20733690	20659616	0.58	cps
Molybdenum	97-1	11668933	11712830	11750753	11710839	0.35	cps
Molybdenum	98-1	30133144	30162003	30387839	30227662	0.46	cps
Neodymium	150-1	700	567	720	662	12.59	cps
Neodymium	150-2	90	73	57	73	22.73	cps
Nickel	60-2	974310	983108	984319	980579	0.56	cps
Phosphorus	31-2	87875	86802	87942	87540	0.73	cps
Potassium	39-2	8986591	8936403	8912182	8945059	0.42	cps
Rhodium	103-1	9169325	9134142	9209510	9170992	0.41	cps
Rhodium	103-2	4659542	4717661	4694996	4690733	0.62	cps
Scandium	45-1	6128092	6148008	6240076	6172059	0.97	cps
Scandium	45-2	310935	308324	310358	309872	0.44	cps
Selenium	77-2	5918	6268	6141	6109	2.90	cps
Selenium	78-2	20694	20615	20850	20720	0.58	cps
Selenium	82-1	113365	113719	114709	113931	0.61	cps
Silicon	28-1	4182098	4192849	4216432	4197126	0.42	cps
Silver	109-1	8808871	8868457	8937734	8871687	0.73	cps
Silver	107-1	9179815	9253464	9319280	9250853	0.75	cps
Sodium	23-2	32275528	32154784	31987510	32139274	0.45	cps
Strontium	86-1	2389273	2399786	2425541	2404867	0.78	cps
Strontium	88-1	20930728	21091804	21305291	21109274	0.89	cps
Sulfur	34-1	997135	996402	1007089	1000208	0.60	cps
Terbium	159-1	14587766	14650014	14629818	14622533	0.22	cps
Terbium	159-2	7572852	7597298	7568263	7579471	0.21	cps
Thallium	203-1	8378137	8366610	8387219	8377322	0.12	cps
Thallium	205-1	19880046	19808167	20149245	19945819	0.90	cps
Tin	118-1	6220959	6228263	6250435	6233219	0.25	cps
Titanium	47-1	4949205	4994503	5032886	4992198	0.84	cps
Uranium	238-1	29744063	29615788	29711469	29690440	0.22	cps
Vanadium	51-2	2006897	2007256	2016482	2010212	0.27	cps
Yttrium	89-1	10797464	10856145	10888978	10847529	0.43	cps
Yttrium	89-2	1765850	1773587	1776194	1771877	0.30	cps
Zinc	66-2	784137	782275	786626	784346	0.28	cps
Zirconium	90-1	12818748	12930858	12963240	12904282	0.59	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:18:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2818944	2860714	2843775	2841144	0.74	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:22:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8803531	8831258	8894802	8843197	0.53	cps
Antimony	121-1	13207	12923	13665	13265	2.82	cps
Arsenic	75-2	137	135	163	145	10.71	cps
Barium	135-1	3184	3601	3092	3292	8.23	cps
Barium	137-1	6243	5285	5751	5760	8.32	cps
Beryllium	9-1	578	594	550	574	3.91	cps
Bismuth	209-1	8626428	8554710	8514911	8565349	0.66	cps
Bismuth	209-2	5311284	5360908	5362290	5344828	0.54	cps
Boron	10-1	4234	3817	3901	3984	5.54	cps
Boron	11-1	21082	19438	18111	19544	7.61	cps
Cadmium	111-1	2760	2456	2840	2685	7.56	cps
Cadmium	106-1	3584	3192	3709	3495	7.71	cps
Cadmium	108-1	46	71	50	56	24.12	cps
Calcium	43-1	11396907	11403898	11454268	11418358	0.27	cps
Calcium	44-1	185608121	186444358	187312175	186454885	0.46	cps
Chromium	52-2	105587	104778	105819	105395	0.52	cps
Cobalt	59-2	7008	7299	7032	7113	2.27	cps
Copper	63-2	8759	8616	8466	8614	1.70	cps
Dysprosium	156-1	58	83	75	72	17.62	cps
Dysprosium	156-2	37	40	43	40	8.32	cps
Erbium	164-1	100	92	58	83	26.46	cps
Erbium	164-2	30	20	40	30	33.33	cps
Gadolinium	160-1	192	175	92	153	35.07	cps
Gadolinium	160-2	180	193	190	188	3.70	cps
Holmium	165-1	14185977	14271251	14152861	14203363	0.43	cps
Holmium	165-2	7810861	7787420	7807957	7802079	0.16	cps
Indium	115-1	9906201	9900639	9901468	9902769	0.03	cps
Indium	115-2	2362122	2382069	2379567	2374586	0.46	cps
Iron	56-2	539318723	541340023	540953212	540537319	0.20	cps
Iron	57-2	13270505	13298958	13354357	13307940	0.32	cps
Lead	206-1	14247	13891	14225	14121	1.41	cps
Lead	207-1	11956	12262	12033	12084	1.32	cps
Lead	208-1	55486	55252	55786	55508	0.48	cps
Lithium	6-1	2619599	2659722	2682293	2653871	1.20	cps
Magnesium	24-2	94518394	95433298	95775879	95242524	0.68	cps
Manganese	55-2	13556	13523	13146	13408	1.70	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:22:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17161	16193	16360	16571	3.12	cps
Molybdenum	95-1	25015	26092	25766	25624	2.16	cps
Molybdenum	96-1	32488	32947	30643	32026	3.81	cps
Molybdenum	97-1	16101	16485	16101	16229	1.37	cps
Molybdenum	98-1	41328	40910	40567	40935	0.93	cps
Neodymium	150-1	120	100	80	100	20.00	cps
Neodymium	150-2	43	47	33	41	16.89	cps
Nickel	60-2	27499	26848	27422	27257	1.31	cps
Phosphorus	31-2	442	458	392	431	8.06	cps
Potassium	39-2	51253798	51588878	51697889	51513522	0.45	cps
Rhodium	103-1	8858014	8862355	8906187	8875519	0.30	cps
Rhodium	103-2	4623085	4675006	4668566	4655552	0.61	cps
Scandium	45-1	6429655	6485015	6459085	6457918	0.43	cps
Scandium	45-2	353857	354343	356906	355035	0.46	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	115	96	102	104	9.11	cps
Selenium	82-1	38	176	116	110	62.68	cps
Silicon	28-1	1339443	1375618	1403408	1372823	2.34	cps
Silver	109-1	1033	758	775	856	18.02	cps
Silver	107-1	1042	867	833	914	12.25	cps
Sodium	23-2	178825121	180090750	181563167	180159679	0.76	cps
Strontium	86-1	82017	82956	81623	82199	0.83	cps
Strontium	88-1	709789	710644	707885	709440	0.20	cps
Sulfur	34-1	373302	380268	381896	378489	1.21	cps
Terbium	159-1	14474521	14374340	14392899	14413920	0.37	cps
Terbium	159-2	7669054	7670354	7723255	7687554	0.40	cps
Thallium	203-1	3267	2975	3251	3164	5.18	cps
Thallium	205-1	7553	6952	6935	7147	4.92	cps
Tin	118-1	10146	9879	9679	9901	2.37	cps
Titanium	47-1	1734	1408	1742	1628	11.68	cps
Uranium	238-1	3092	2734	2975	2934	6.23	cps
Vanadium	51-2	1243	1227	1317	1262	3.79	cps
Yttrium	89-1	10923044	10878627	10980221	10927297	0.47	cps
Yttrium	89-2	1896363	1906112	1913137	1905204	0.44	cps
Zinc	66-2	3330	3350	3220	3300	2.12	cps
Zirconium	90-1	4067	3792	4009	3956	3.66	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:22:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	850	758	875	14.97	cps

LB Number : LB95280 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-05-10 13:29:02 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47175	48296	46565	47345	1.85	cps
Antimony	121-1	1621127	1610017	1635184	1622109	0.78	cps
Arsenic	75-2	66410	66713	66741	66621	0.28	cps
Barium	135-1	197154	196757	199884	197931	0.86	cps
Barium	137-1	345614	343555	342817	343995	0.42	cps
Beryllium	9-1	170682	171080	171501	171088	0.24	cps
Bismuth	209-1	9685515	9612538	9659517	9652523	0.38	cps
Bismuth	209-2	6125273	6098796	6176233	6133434	0.64	cps
Boron	10-1	93103	94309	96691	94701	1.93	cps
Boron	11-1	441904	445078	451631	446204	1.11	cps
Cadmium	111-1	209540	205894	207083	207506	0.90	cps
Cadmium	106-1	41353	41027	42072	41484	1.29	cps
Cadmium	108-1	20991	20907	20791	20896	0.48	cps
Calcium	43-1	51600	50947	51139	51229	0.66	cps
Calcium	44-1	808531	797695	802649	802958	0.68	cps
Chromium	52-2	266709	269943	266795	267816	0.69	cps
Cobalt	59-2	441543	442943	441311	441933	0.20	cps
Copper	63-2	310996	312631	313335	312321	0.38	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	142	117	100	119	17.56	cps
Erbium	164-2	50	40	13	34	55.04	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	177	160	187	174	7.72	cps
Holmium	165-1	14720776	14593039	14541358	14618391	0.63	cps
Holmium	165-2	8080376	8062835	8064787	8069332	0.12	cps
Indium	115-1	11021622	10800475	10806506	10876201	1.16	cps
Indium	115-2	2558630	2576631	2567076	2567445	0.35	cps
Iron	56-2	2299469	2311656	2304305	2305144	0.27	cps
Iron	57-2	57965	57808	56821	57531	1.08	cps
Lead	206-1	1354498	1341766	1366240	1354168	0.90	cps
Lead	207-1	1184376	1178084	1193393	1185284	0.65	cps
Lead	208-1	5426356	5373673	5445381	5415137	0.69	cps
Lithium	6-1	2959671	2928439	2943246	2943785	0.53	cps
Magnesium	24-2	240549	243177	242785	242170	0.59	cps
Manganese	55-2	159089	159415	159352	159286	0.11	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:29:02	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3523434	3479722	3486901	3496686	0.67	cps
Molybdenum	95-1	1938823	1915744	1926838	1927135	0.60	cps
Molybdenum	96-1	2456188	2428476	2433735	2439466	0.60	cps
Molybdenum	97-1	1203435	1190491	1188000	1193975	0.69	cps
Molybdenum	98-1	3118195	3089883	3095760	3101279	0.48	cps
Neodymium	150-1	20	0	33	18	94.37	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	115520	116622	116313	116152	0.49	cps
Phosphorus	31-2	367	275	325	322	14.25	cps
Potassium	39-2	466992	472673	470672	470112	0.61	cps
Rhodium	103-1	10361196	10284923	10309846	10318655	0.38	cps
Rhodium	103-2	5329682	5387036	5363874	5360197	0.54	cps
Scandium	45-1	7002010	6887138	6895471	6928206	0.92	cps
Scandium	45-2	364925	368517	367242	366895	0.50	cps
Selenium	77-2	1377	1450	1343	1390	3.93	cps
Selenium	78-2	4932	4773	4903	4869	1.74	cps
Selenium	82-1	24964	24397	24661	24674	1.15	cps
Silicon	28-1	2957479	2927796	2916763	2934013	0.72	cps
Silver	109-1	937497	921427	922204	927043	0.98	cps
Silver	107-1	978205	973886	969694	973928	0.44	cps
Sodium	23-2	798424	793539	797030	796331	0.32	cps
Strontium	86-1	1249352	1232030	1240266	1240549	0.70	cps
Strontium	88-1	10971609	10863576	10859845	10898343	0.58	cps
Sulfur	34-1	430165	422572	416318	423018	1.64	cps
Terbium	159-1	15073177	14963462	14827742	14954794	0.82	cps
Terbium	159-2	7911624	7937813	7914183	7921207	0.18	cps
Thallium	203-1	1692256	1688320	1678472	1686349	0.42	cps
Thallium	205-1	4092820	4054533	4078920	4075425	0.48	cps
Tin	118-1	3135617	3087456	3139705	3120926	0.93	cps
Titanium	47-1	538463	532303	533125	534630	0.63	cps
Uranium	238-1	15892393	15771072	15876221	15846562	0.42	cps
Vanadium	51-2	224458	225942	227364	225921	0.64	cps
Yttrium	89-1	11768589	11683601	11579022	11677071	0.81	cps
Yttrium	89-2	1968164	1977435	1985121	1976907	0.43	cps
Zinc	66-2	92222	91571	90967	91587	0.69	cps
Zirconium	90-1	6656608	6645573	6663219	6655133	0.13	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:29:02	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1461556	1444438	1452301	1452765	0.59	cps

LB Number : LB95280 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-05-10 13:42:01 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	17	25	88.19	cps
Antimony	121-1	517	575	633	575	10.15	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	25	50	42	39	32.73	cps
Barium	137-1	92	92	67	83	17.32	cps
Beryllium	9-1	139	200	183	174	18.15	cps
Bismuth	209-1	9682945	9622515	9619097	9641519	0.37	cps
Bismuth	209-2	6117172	6155521	6164085	6145593	0.41	cps
Boron	10-1	933	1033	1008	992	5.25	cps
Boron	11-1	4651	4534	4551	4579	1.38	cps
Cadmium	111-1	2395	2765	2552	2570	7.23	cps
Cadmium	106-1	3417	3942	3634	3665	7.20	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	108	142	133	128	13.57	cps
Calcium	44-1	8611	7752	8686	8350	6.21	cps
Chromium	52-2	377	383	387	382	1.33	cps
Cobalt	59-2	70	83	80	78	8.92	cps
Copper	63-2	827	880	943	883	6.61	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	33	27	23	28	18.33	cps
Gadolinium	160-1	67	92	42	67	37.50	cps
Gadolinium	160-2	157	167	170	164	4.22	cps
Holmium	165-1	14560297	14404796	14457928	14474340	0.55	cps
Holmium	165-2	8087787	8082621	8125683	8098697	0.29	cps
Indium	115-1	10927530	10920676	10906958	10918388	0.10	cps
Indium	115-2	2627935	2615138	2645536	2629536	0.58	cps
Iron	56-2	5062	5040	4862	4988	2.20	cps
Iron	57-2	483	489	378	450	13.91	cps
Lead	206-1	650	633	689	657	4.34	cps
Lead	207-1	561	667	667	632	9.65	cps
Lead	208-1	2684	2722	2811	2739	2.39	cps
Lithium	6-1	2938239	2924817	2933447	2932168	0.23	cps
Magnesium	24-2	658	650	700	669	4.00	cps
Manganese	55-2	53	63	53	57	10.19	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:42:01	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	325	267	319	15.73	cps
Molybdenum	95-1	133	117	83	111	22.91	cps
Molybdenum	96-1	208	200	133	181	22.77	cps
Molybdenum	97-1	125	125	67	106	31.91	cps
Molybdenum	98-1	158	158	217	178	18.95	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	67	70	80	72	9.61	cps
Phosphorus	31-2	292	283	250	275	8.02	cps
Potassium	39-2	44350	43975	44476	44267	0.59	cps
Rhodium	103-1	10359881	10315732	10356173	10343929	0.24	cps
Rhodium	103-2	5455486	5427874	5467054	5450138	0.37	cps
Scandium	45-1	6974528	6965613	6928438	6956193	0.35	cps
Scandium	45-2	377849	378107	377991	377982	0.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	80	87	85	5.75	cps
Selenium	82-1	-14	-52	1	-22	-125.66	cps
Silicon	28-1	333939	330307	331068	331771	0.58	cps
Silver	109-1	83	92	117	97	17.84	cps
Silver	107-1	158	133	200	164	20.55	cps
Sodium	23-2	34700	34566	34741	34669	0.26	cps
Strontium	86-1	817	617	675	703	14.63	cps
Strontium	88-1	83	125	58	89	37.89	cps
Sulfur	34-1	431255	429924	432606	431262	0.31	cps
Terbium	159-1	14788425	14740572	14695333	14741443	0.32	cps
Terbium	159-2	7959915	8058276	8034814	8017668	0.64	cps
Thallium	203-1	225	267	200	231	14.61	cps
Thallium	205-1	575	742	700	672	12.90	cps
Tin	118-1	683	833	767	761	9.87	cps
Titanium	47-1	75	42	83	67	33.07	cps
Uranium	238-1	42	83	75	67	33.07	cps
Vanadium	51-2	17	7	17	13	43.29	cps
Yttrium	89-1	11657391	11650160	11574985	11627512	0.39	cps
Yttrium	89-2	2025494	2022538	2040145	2029392	0.46	cps
Zinc	66-2	263	277	420	320	27.14	cps
Zirconium	90-1	817	708	683	736	9.63	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:42:01	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	158	150	158	5.26	cps

LB Number : LB95280 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-05-10 13:45:35 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7627024	7677551	7701973	7668849	0.50	cps
Antimony	121-1	9729	9720	9587	9679	0.82	cps
Arsenic	75-2	113	104	96	104	8.00	cps
Barium	135-1	3142	3100	3501	3248	6.77	cps
Barium	137-1	5335	5185	4993	5171	3.31	cps
Beryllium	9-1	556	522	478	519	7.53	cps
Bismuth	209-1	9265270	9400179	9239409	9301619	0.93	cps
Bismuth	209-2	5722321	5826580	5784070	5777657	0.91	cps
Boron	10-1	1208	1108	875	1064	16.08	cps
Boron	11-1	5726	5376	5018	5373	6.59	cps
Cadmium	111-1	3256	3316	3374	3316	1.77	cps
Cadmium	106-1	3684	3717	3567	3656	2.15	cps
Cadmium	108-1	1758	1575	1492	1608	8.48	cps
Calcium	43-1	2236380	2236717	2202491	2225196	0.88	cps
Calcium	44-1	36402935	36428757	36168438	36333377	0.39	cps
Chromium	52-2	51667	52838	52620	52375	1.19	cps
Cobalt	59-2	4971	4834	4774	4860	2.07	cps
Copper	63-2	22541	22935	22855	22777	0.91	cps
Dysprosium	156-1	50	75	42	56	31.22	cps
Dysprosium	156-2	20	3	3	9	108.30	cps
Erbium	164-1	117	117	75	103	23.41	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	133	125	108	122	10.41	cps
Gadolinium	160-2	153	167	167	162	4.74	cps
Holmium	165-1	14766965	14901863	14701999	14790276	0.69	cps
Holmium	165-2	7987281	8065965	8025977	8026407	0.49	cps
Indium	115-1	10685632	10676302	10617496	10659810	0.35	cps
Indium	115-2	2454380	2480685	2475410	2470158	0.56	cps
Iron	56-2	210643477	212353316	212872349	211956381	0.55	cps
Iron	57-2	5240310	5290806	5297964	5276360	0.60	cps
Lead	206-1	30870	30302	31738	30970	2.34	cps
Lead	207-1	24039	25258	24317	24538	2.60	cps
Lead	208-1	116742	116270	115075	116029	0.74	cps
Lithium	6-1	2760922	2755716	2720012	2745550	0.81	cps
Magnesium	24-2	17879052	18094860	17994739	17989551	0.60	cps
Manganese	55-2	12048	11878	11678	11868	1.56	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:45:35	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4319288	4304816	4270156	4298087	0.59	cps
Molybdenum	95-1	7611081	7595720	7528704	7578502	0.58	cps
Molybdenum	96-1	8035405	8093717	7960525	8029883	0.83	cps
Molybdenum	97-1	4744692	4746503	4679304	4723500	0.81	cps
Molybdenum	98-1	12147703	12161510	12013650	12107621	0.67	cps
Neodymium	150-1	47	20	27	31	44.61	cps
Neodymium	150-2	10	7	23	13	66.12	cps
Nickel	60-2	6038	6231	6548	6273	4.11	cps
Phosphorus	31-2	462064	464936	461407	462802	0.41	cps
Potassium	39-2	19388618	19572378	19578813	19513270	0.55	cps
Rhodium	103-1	9765996	9757296	9682616	9735303	0.47	cps
Rhodium	103-2	4952723	5027978	5016176	4998959	0.81	cps
Scandium	45-1	6720195	6769705	6633266	6707722	1.03	cps
Scandium	45-2	342957	348119	347807	346294	0.84	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	81	63	80	75	13.66	cps
Selenium	82-1	-34	32	136	45	192.00	cps
Silicon	28-1	421045	424292	427093	424143	0.71	cps
Silver	109-1	975	1192	1208	1125	11.57	cps
Silver	107-1	1092	1183	1308	1195	9.11	cps
Sodium	23-2	33988453	34395663	34280746	34221621	0.61	cps
Strontium	86-1	84842	84323	82914	84026	1.19	cps
Strontium	88-1	731625	731509	727440	730191	0.33	cps
Sulfur	34-1	3888914	3865293	3826756	3860321	0.81	cps
Terbium	159-1	15086154	15207479	15057789	15117140	0.53	cps
Terbium	159-2	7864277	7922532	7921639	7902816	0.42	cps
Thallium	203-1	933	900	925	920	1.89	cps
Thallium	205-1	2267	2392	2609	2423	7.14	cps
Tin	118-1	1575	1634	1667	1625	2.86	cps
Titanium	47-1	2122095	2117637	2096797	2112176	0.64	cps
Uranium	238-1	500	442	517	486	8.10	cps
Vanadium	51-2	317	343	313	324	5.07	cps
Yttrium	89-1	11580271	11562246	11441826	11528114	0.65	cps
Yttrium	89-2	1908324	1934957	1923203	1922161	0.69	cps
Zinc	66-2	5151	5164	4904	5073	2.89	cps
Zirconium	90-1	1308	1225	1275	1270	3.30	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:45:35	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	200	258	247	17.30	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:49:10	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7741160	7729078	7674861	7715033	0.46	cps
Antimony	121-1	168584	171831	166871	169095	1.49	cps
Arsenic	75-2	6088	6279	6055	6141	1.97	cps
Barium	135-1	42282	42081	42215	42193	0.24	cps
Barium	137-1	73369	73377	74283	73676	0.71	cps
Beryllium	9-1	31355	32062	31895	31771	1.16	cps
Bismuth	209-1	9125718	9089957	9161335	9125670	0.39	cps
Bismuth	209-2	5676213	5730076	5665983	5690757	0.61	cps
Boron	10-1	10312	10996	10229	10512	4.00	cps
Boron	11-1	48420	49490	49314	49075	1.17	cps
Cadmium	111-1	40429	40865	41284	40859	1.05	cps
Cadmium	106-1	8378	8770	8845	8664	2.89	cps
Cadmium	108-1	4593	4309	4776	4559	5.16	cps
Calcium	43-1	2271311	2255179	2269569	2265353	0.39	cps
Calcium	44-1	37135462	37172657	37406905	37238341	0.40	cps
Chromium	52-2	106387	104222	105181	105263	1.03	cps
Cobalt	59-2	85300	84247	85209	84918	0.69	cps
Copper	63-2	79370	78204	78261	78612	0.84	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	17	23	13	18	28.64	cps
Erbium	164-1	100	75	75	83	17.32	cps
Erbium	164-2	50	50	53	51	3.76	cps
Gadolinium	160-1	75	150	108	111	33.82	cps
Gadolinium	160-2	207	180	130	172	22.60	cps
Holmium	165-1	14682633	14657589	14762824	14701015	0.37	cps
Holmium	165-2	7934841	7888422	7885561	7902941	0.35	cps
Indium	115-1	10544714	10530687	10592464	10555955	0.31	cps
Indium	115-2	2429949	2444025	2449376	2441117	0.41	cps
Iron	56-2	214539399	214672094	214337338	214516277	0.08	cps
Iron	57-2	5351811	5318913	5310597	5327107	0.41	cps
Lead	206-1	164543	163673	165348	164521	0.51	cps
Lead	207-1	137273	135718	138671	137221	1.08	cps
Lead	208-1	634842	627813	638367	633674	0.85	cps
Lithium	6-1	2672154	2673536	2688151	2677947	0.33	cps
Magnesium	24-2	18214819	18102776	18032006	18116534	0.51	cps
Manganese	55-2	41585	41094	41575	41418	0.68	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:49:10	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4767888	4763396	4788403	4773229	0.28	cps
Molybdenum	95-1	7908565	7837988	8004672	7917075	1.06	cps
Molybdenum	96-1	8451130	8389350	8506300	8448927	0.69	cps
Molybdenum	97-1	4949287	4913101	4959959	4940783	0.50	cps
Molybdenum	98-1	12684278	12557336	12701274	12647629	0.62	cps
Neodymium	150-1	60	27	40	42	39.73	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	27867	27713	27820	27800	0.28	cps
Phosphorus	31-2	465541	469572	459165	464759	1.13	cps
Potassium	39-2	19650859	19652363	19388522	19563915	0.78	cps
Rhodium	103-1	9615169	9548095	9640104	9601123	0.50	cps
Rhodium	103-2	4894191	4914654	4959440	4922762	0.68	cps
Scandium	45-1	6626687	6608833	6661543	6632355	0.40	cps
Scandium	45-2	337205	336647	336638	336830	0.10	cps
Selenium	77-2	100	143	103	116	20.87	cps
Selenium	78-2	485	554	511	517	6.70	cps
Selenium	82-1	2350	2390	2461	2400	2.34	cps
Silicon	28-1	690091	688475	696704	691757	0.63	cps
Silver	109-1	167337	164191	167667	166398	1.15	cps
Silver	107-1	176031	177567	177559	177052	0.50	cps
Sodium	23-2	34635479	34392997	34385843	34471440	0.41	cps
Strontium	86-1	215352	217608	218553	217171	0.76	cps
Strontium	88-1	1888762	1896556	1882036	1889118	0.38	cps
Sulfur	34-1	3880646	3869413	3858985	3869681	0.28	cps
Terbium	159-1	14753293	14934031	14997374	14894899	0.85	cps
Terbium	159-2	7764856	7762218	7798527	7775200	0.26	cps
Thallium	203-1	163382	162447	164430	163419	0.61	cps
Thallium	205-1	386031	388777	390263	388357	0.55	cps
Tin	118-1	327699	327500	335087	330095	1.31	cps
Titanium	47-1	2202953	2180934	2193434	2192440	0.50	cps
Uranium	238-1	1539474	1540982	1536240	1538898	0.16	cps
Vanadium	51-2	41886	41418	42531	41945	1.33	cps
Yttrium	89-1	11500210	11374303	11469241	11447918	0.57	cps
Yttrium	89-2	1891338	1895968	1895937	1894414	0.14	cps
Zinc	66-2	13363	13336	13556	13419	0.90	cps
Zirconium	90-1	707411	700338	711492	706414	0.80	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:49:10	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	157559	154957	156851	156455	0.86	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:52:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4508376	4584545	4568916	4553945	0.88	cps
Antimony	121-1	4266908	4244332	4206883	4239374	0.72	cps
Arsenic	75-2	162816	163531	163520	163289	0.25	cps
Barium	135-1	5165015	5170990	5115379	5150461	0.59	cps
Barium	137-1	8919296	8924112	8862854	8902087	0.38	cps
Beryllium	9-1	841492	844119	839945	841852	0.25	cps
Bismuth	209-1	8935487	8920337	8901394	8919073	0.19	cps
Bismuth	209-2	5523478	5560629	5555193	5546433	0.36	cps
Boron	10-1	93623	95467	97462	95517	2.01	cps
Boron	11-1	441013	443917	452309	445747	1.32	cps
Cadmium	111-1	960126	956788	956074	957663	0.23	cps
Cadmium	106-1	108397	108236	107370	108001	0.51	cps
Cadmium	108-1	72857	71258	71500	71872	1.20	cps
Calcium	43-1	5854133	5844665	5860286	5853028	0.13	cps
Calcium	44-1	95313390	96078671	94945156	95445739	0.61	cps
Chromium	52-2	1386167	1406668	1403397	1398744	0.79	cps
Cobalt	59-2	2089253	2096029	2097863	2094382	0.22	cps
Copper	63-2	2858905	2876599	2874853	2870119	0.34	cps
Dysprosium	156-1	192	142	100	144	31.77	cps
Dysprosium	156-2	67	67	80	71	10.82	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	20	20	27	22	17.33	cps
Gadolinium	160-1	133	67	158	119	39.67	cps
Gadolinium	160-2	160	167	203	177	13.21	cps
Holmium	165-1	14601094	14584001	14544700	14576598	0.20	cps
Holmium	165-2	7871519	7845563	7870976	7862686	0.19	cps
Indium	115-1	10316893	10260831	10221693	10266472	0.47	cps
Indium	115-2	2376368	2395320	2397269	2389652	0.48	cps
Iron	56-2	275885156	279729667	278207706	277940843	0.70	cps
Iron	57-2	6833184	6853458	6873867	6853503	0.30	cps
Lead	206-1	3388529	3355860	3341343	3361911	0.72	cps
Lead	207-1	3086135	3046258	3055891	3062761	0.68	cps
Lead	208-1	13794182	13711592	13710050	13738608	0.35	cps
Lithium	6-1	2684386	2673367	2676091	2677948	0.21	cps
Magnesium	24-2	47488054	48053415	47738667	47760045	0.59	cps
Manganese	55-2	1549675	1577750	1572686	1566704	0.96	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:52:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8275932	8259243	8262082	8265753	0.11	cps
Molybdenum	95-1	10152710	10103867	10152430	10136336	0.28	cps
Molybdenum	96-1	11135602	11110407	11177193	11141067	0.30	cps
Molybdenum	97-1	6304001	6249214	6319459	6290892	0.59	cps
Molybdenum	98-1	16250735	16083783	16257421	16197313	0.61	cps
Neodymium	150-1	360	373	380	371	2.74	cps
Neodymium	150-2	30	53	57	47	31.14	cps
Nickel	60-2	547998	551752	556230	551994	0.75	cps
Phosphorus	31-2	49090	49676	49667	49478	0.68	cps
Potassium	39-2	25680916	26189277	25966939	25945710	0.98	cps
Rhodium	103-1	9412618	9333444	9351319	9365794	0.44	cps
Rhodium	103-2	4801587	4804957	4821086	4809210	0.22	cps
Scandium	45-1	6702247	6672763	6672424	6682478	0.26	cps
Scandium	45-2	345960	349320	346390	347223	0.53	cps
Selenium	77-2	3270	3404	3367	3347	2.06	cps
Selenium	78-2	11399	11377	11488	11421	0.52	cps
Selenium	82-1	60915	60245	60327	60496	0.60	cps
Silicon	28-1	2991086	3001265	3011350	3001234	0.34	cps
Silver	109-1	4489781	4471421	4480708	4480636	0.20	cps
Silver	107-1	4760258	4719860	4709781	4729966	0.56	cps
Sodium	23-2	90072700	90829644	90432444	90444929	0.42	cps
Strontium	86-1	1318609	1311920	1326931	1319153	0.57	cps
Strontium	88-1	11593121	11553472	11740171	11628921	0.85	cps
Sulfur	34-1	722463	726470	734288	727740	0.83	cps
Terbium	159-1	14872833	14761732	14751997	14795521	0.45	cps
Terbium	159-2	7740759	7734557	7733973	7736429	0.05	cps
Thallium	203-1	4176830	4191957	4153240	4174009	0.47	cps
Thallium	205-1	9946941	9972491	9918398	9945943	0.27	cps
Tin	118-1	3227380	3204037	3212538	3214651	0.37	cps
Titanium	47-1	2762339	2777199	2766231	2768590	0.28	cps
Uranium	238-1	15241432	15125117	15019776	15128775	0.73	cps
Vanadium	51-2	1141324	1150563	1146375	1146087	0.40	cps
Yttrium	89-1	11373971	11353324	11385169	11370821	0.14	cps
Yttrium	89-2	1889003	1905355	1894375	1896244	0.44	cps
Zinc	66-2	416487	423996	422002	420828	0.92	cps
Zirconium	90-1	7003338	6974870	6964593	6980934	0.29	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV036	Instrumnet Name :	P7
Client Sample ID :	CCV036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 13:52:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1526937	1519263	1521043	1522414	0.26	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:03:15	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	292	275	258	17.07	cps
Antimony	121-1	825	1008	1142	992	16.03	cps
Arsenic	75-2	11	13	2	9	68.90	cps
Barium	135-1	67	92	117	92	27.27	cps
Barium	137-1	133	92	208	144	40.93	cps
Beryllium	9-1	211	172	172	185	12.12	cps
Bismuth	209-1	9764449	9799700	9700155	9754768	0.52	cps
Bismuth	209-2	6144567	6165141	6186153	6165287	0.34	cps
Boron	10-1	925	850	700	825	13.89	cps
Boron	11-1	3784	3792	3492	3690	4.63	cps
Cadmium	111-1	2534	2617	2483	2545	2.65	cps
Cadmium	106-1	3592	3709	3551	3617	2.27	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	275	267	317	286	9.36	cps
Calcium	44-1	9387	9687	9212	9429	2.55	cps
Chromium	52-2	437	520	447	468	9.73	cps
Cobalt	59-2	60	83	87	77	18.95	cps
Copper	63-2	910	1097	940	982	10.21	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	40	20	20	27	43.30	cps
Gadolinium	160-1	125	50	75	83	45.83	cps
Gadolinium	160-2	187	173	147	169	12.06	cps
Holmium	165-1	14920535	14823755	14749913	14831401	0.58	cps
Holmium	165-2	8160419	8199855	8174203	8178159	0.24	cps
Indium	115-1	11176243	11272089	11101092	11183141	0.77	cps
Indium	115-2	2623657	2668569	2680365	2657530	1.13	cps
Iron	56-2	8102	8358	7630	8030	4.60	cps
Iron	57-2	494	544	439	493	10.72	cps
Lead	206-1	900	883	972	919	5.14	cps
Lead	207-1	856	767	800	807	5.56	cps
Lead	208-1	3761	3689	3606	3686	2.11	cps
Lithium	6-1	2858184	2866808	2838869	2854620	0.50	cps
Magnesium	24-2	1025	1008	908	981	6.44	cps
Manganese	55-2	67	73	60	67	10.00	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:03:15	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	475	392	456	12.45	cps
Molybdenum	95-1	408	233	300	314	28.14	cps
Molybdenum	96-1	450	442	350	414	13.41	cps
Molybdenum	97-1	200	225	225	217	6.66	cps
Molybdenum	98-1	633	408	583	542	21.81	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	63	57	97	72	29.67	cps
Phosphorus	31-2	300	367	400	356	14.32	cps
Potassium	39-2	46441	46390	47168	46666	0.93	cps
Rhodium	103-1	10576291	10682247	10534923	10597820	0.72	cps
Rhodium	103-2	5454099	5499016	5549898	5501004	0.87	cps
Scandium	45-1	7108793	7096624	7097129	7100849	0.10	cps
Scandium	45-2	378982	381980	386296	382419	0.96	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	69	87	80	78	11.89	cps
Selenium	82-1	-33	2	72	13	396.53	cps
Silicon	28-1	331135	332933	335180	333083	0.61	cps
Silver	109-1	258	267	200	242	15.03	cps
Silver	107-1	300	250	250	267	10.83	cps
Sodium	23-2	42101	41926	43589	42539	2.15	cps
Strontium	86-1	733	833	650	739	12.42	cps
Strontium	88-1	242	167	200	203	18.53	cps
Sulfur	34-1	413887	411501	414991	413460	0.43	cps
Terbium	159-1	15134292	15161486	15031859	15109212	0.45	cps
Terbium	159-2	8013126	8107062	8058927	8059705	0.58	cps
Thallium	203-1	592	517	508	539	8.52	cps
Thallium	205-1	1325	1083	1017	1142	14.21	cps
Tin	118-1	833	908	833	858	5.05	cps
Titanium	47-1	167	100	217	161	36.33	cps
Uranium	238-1	175	158	92	142	31.13	cps
Vanadium	51-2	23	23	27	24	7.89	cps
Yttrium	89-1	12020018	12093299	11860053	11991123	0.99	cps
Yttrium	89-2	2034605	2062031	2059754	2052130	0.74	cps
Zinc	66-2	290	347	347	328	9.98	cps
Zirconium	90-1	950	908	775	878	10.41	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB036	Instrumnet Name :	P7
Client Sample ID :	CCB036	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:03:15	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	125	208	175	25.20	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:06:48	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1909	1917	1900	1909	0.44	cps
Antimony	121-1	15943	16293	16110	16115	1.09	cps
Arsenic	75-2	376	359	313	349	9.34	cps
Barium	135-1	19698	19523	19531	19584	0.50	cps
Barium	137-1	33792	34485	33224	33834	1.87	cps
Beryllium	9-1	1839	2061	1889	1930	6.04	cps
Bismuth	209-1	9697335	9727144	9575202	9666560	0.83	cps
Bismuth	209-2	6066921	6129020	6077589	6091177	0.55	cps
Boron	10-1	5059	5368	4993	5140	3.89	cps
Boron	11-1	23611	23886	24437	23978	1.75	cps
Cadmium	111-1	4489	4355	4793	4546	4.94	cps
Cadmium	106-1	3959	3742	4209	3970	5.88	cps
Cadmium	108-1	171	146	183	167	11.46	cps
Calcium	43-1	11397	12306	12180	11961	4.12	cps
Calcium	44-1	191819	194893	193383	193365	0.79	cps
Chromium	52-2	6151	6408	6572	6377	3.32	cps
Cobalt	59-2	4507	4537	4467	4504	0.78	cps
Copper	63-2	7048	7555	7739	7448	4.80	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	92	75	75	22.22	cps
Erbium	164-2	27	60	23	37	55.30	cps
Gadolinium	160-1	100	58	83	81	26.03	cps
Gadolinium	160-2	190	137	160	162	16.48	cps
Holmium	165-1	14655590	14674990	14669820	14666800	0.07	cps
Holmium	165-2	8043826	8115187	8059977	8072996	0.46	cps
Indium	115-1	11148057	11152138	11028485	11109560	0.63	cps
Indium	115-2	2618225	2649511	2636015	2634584	0.60	cps
Iron	56-2	125341	127695	126087	126375	0.95	cps
Iron	57-2	3578	3456	3373	3469	2.98	cps
Lead	206-1	7575	7586	7119	7426	3.59	cps
Lead	207-1	7058	6846	6713	6872	2.53	cps
Lead	208-1	30981	30553	29286	30274	2.91	cps
Lithium	6-1	2832374	2845746	2802714	2826945	0.78	cps
Magnesium	24-2	100846	103422	103304	102524	1.42	cps
Manganese	55-2	1877	1857	1967	1900	3.08	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:06:48	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16202	16318	16402	16307	0.62	cps
Molybdenum	95-1	20340	20557	19731	20210	2.12	cps
Molybdenum	96-1	22168	21509	22110	21929	1.67	cps
Molybdenum	97-1	12331	12122	12456	12303	1.37	cps
Molybdenum	98-1	30174	30751	32037	30987	3.08	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1303	1367	1510	1393	7.60	cps
Phosphorus	31-2	375	408	242	342	25.81	cps
Potassium	39-2	156535	157445	156686	156888	0.31	cps
Rhodium	103-1	10508528	10561462	10407478	10492489	0.75	cps
Rhodium	103-2	5435686	5492062	5485226	5470991	0.56	cps
Scandium	45-1	7112725	7070303	6988529	7057185	0.89	cps
Scandium	45-2	381302	380731	381560	381198	0.11	cps
Selenium	77-2	60	23	43	42	43.49	cps
Selenium	78-2	213	213	217	214	1.00	cps
Selenium	82-1	583	627	547	586	6.80	cps
Silicon	28-1	417570	415916	413692	415726	0.47	cps
Silver	109-1	10171	9620	9220	9670	4.94	cps
Silver	107-1	9954	10371	10279	10201	2.15	cps
Sodium	23-2	230586	229122	229573	229760	0.33	cps
Strontium	86-1	3434	3217	3301	3317	3.30	cps
Strontium	88-1	22243	22352	22902	22499	1.57	cps
Sulfur	34-1	421436	421987	418560	420661	0.44	cps
Terbium	159-1	14966725	15035599	14847316	14949880	0.64	cps
Terbium	159-2	7906802	7978224	8005377	7963467	0.64	cps
Thallium	203-1	8520	8036	7869	8142	4.15	cps
Thallium	205-1	19999	19899	20074	19991	0.44	cps
Tin	118-1	32397	30834	30901	31378	2.82	cps
Titanium	47-1	5410	5876	5993	5760	5.36	cps
Uranium	238-1	27012	26603	27630	27082	1.91	cps
Vanadium	51-2	11458	11678	11595	11577	0.96	cps
Yttrium	89-1	11912444	12010505	11869296	11930748	0.61	cps
Yttrium	89-2	2032193	2051502	2039753	2041150	0.48	cps
Zinc	66-2	1557	1567	1520	1548	1.59	cps
Zirconium	90-1	14608	14950	14641	14733	1.28	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:06:48	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3159	3159	3317	3212	2.85	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:10:21	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	1792	1800	1792	0.46	cps
Antimony	121-1	16802	16627	16177	16535	1.95	cps
Arsenic	75-2	341	383	311	345	10.52	cps
Barium	135-1	18822	18597	19239	18886	1.73	cps
Barium	137-1	32689	32673	32405	32589	0.49	cps
Beryllium	9-1	1845	1995	1600	1813	10.98	cps
Bismuth	209-1	9715856	9612958	9533900	9620905	0.95	cps
Bismuth	209-2	6018359	6084780	6103232	6068790	0.74	cps
Boron	10-1	5084	5026	5226	5112	2.01	cps
Boron	11-1	24103	23786	24112	24000	0.77	cps
Cadmium	111-1	5000	4586	4382	4656	6.77	cps
Cadmium	106-1	4484	3942	3842	4090	8.44	cps
Cadmium	108-1	163	225	142	176	24.59	cps
Calcium	43-1	11263	11238	11622	11374	1.89	cps
Calcium	44-1	190714	189077	188723	189505	0.56	cps
Chromium	52-2	6245	6358	6411	6338	1.34	cps
Cobalt	59-2	4601	4277	4324	4401	3.97	cps
Copper	63-2	7215	7189	7165	7190	0.35	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	27	20	47	31	44.61	cps
Gadolinium	160-1	67	117	67	83	34.64	cps
Gadolinium	160-2	167	163	157	162	3.14	cps
Holmium	165-1	14713353	14708018	14495408	14638926	0.85	cps
Holmium	165-2	8081479	8061415	8117904	8086933	0.35	cps
Indium	115-1	11230947	11205693	11023608	11153416	1.01	cps
Indium	115-2	2627133	2632101	2647598	2635611	0.41	cps
Iron	56-2	120893	120703	120339	120645	0.23	cps
Iron	57-2	3145	3539	3678	3454	8.01	cps
Lead	206-1	7247	6946	6707	6967	3.88	cps
Lead	207-1	6146	6235	6568	6316	3.53	cps
Lead	208-1	28440	28340	28385	28389	0.18	cps
Lithium	6-1	2851513	2810025	2826181	2829240	0.74	cps
Magnesium	24-2	98564	97860	98338	98254	0.37	cps
Manganese	55-2	1787	1777	1843	1802	2.00	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:10:21	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16519	16001	15693	16071	2.60	cps
Molybdenum	95-1	19339	19005	18763	19036	1.52	cps
Molybdenum	96-1	21600	20515	21150	21089	2.58	cps
Molybdenum	97-1	11547	11255	12506	11769	5.56	cps
Molybdenum	98-1	30868	29882	29690	30147	2.10	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1320	1427	1610	1452	10.10	cps
Phosphorus	31-2	400	342	392	378	8.35	cps
Potassium	39-2	154027	153932	152045	153335	0.73	cps
Rhodium	103-1	10558571	10568880	10527132	10551527	0.21	cps
Rhodium	103-2	5468533	5473937	5488750	5477073	0.19	cps
Scandium	45-1	7131758	7114454	7116946	7121053	0.13	cps
Scandium	45-2	383101	380926	384073	382700	0.42	cps
Selenium	77-2	37	63	33	44	36.99	cps
Selenium	78-2	244	174	196	205	17.55	cps
Selenium	82-1	615	602	597	605	1.50	cps
Silicon	28-1	416360	419332	418233	417975	0.36	cps
Silver	109-1	9095	9378	9012	9162	2.10	cps
Silver	107-1	9745	9879	9262	9629	3.37	cps
Sodium	23-2	220420	219769	219847	220012	0.16	cps
Strontium	86-1	3284	3226	3000	3170	4.72	cps
Strontium	88-1	21717	22018	21951	21895	0.72	cps
Sulfur	34-1	446767	445109	451347	447741	0.72	cps
Terbium	159-1	14956432	14887234	14895216	14912961	0.25	cps
Terbium	159-2	7945513	7951392	7998172	7965026	0.36	cps
Thallium	203-1	8136	8536	7944	8206	3.68	cps
Thallium	205-1	19156	19707	18789	19217	2.40	cps
Tin	118-1	31261	31085	30927	31091	0.54	cps
Titanium	47-1	5701	5610	5693	5668	0.89	cps
Uranium	238-1	26261	26219	26587	26355	0.76	cps
Vanadium	51-2	10861	11475	11098	11144	2.78	cps
Yttrium	89-1	11973933	11878431	11897803	11916722	0.42	cps
Yttrium	89-2	2035735	2043552	2051024	2043437	0.37	cps
Zinc	66-2	1830	1827	1750	1802	2.51	cps
Zirconium	90-1	13790	14108	13999	13966	1.15	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:10:21	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3326	3351	3242	3306	1.72	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BL	Instrumnet Name :	P7
Client Sample ID :	PBW008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:13:55	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	50	42	20.00	cps
Antimony	121-1	250	333	317	300	14.70	cps
Arsenic	75-2	11	7	7	9	24.71	cps
Barium	135-1	58	67	33	53	32.88	cps
Barium	137-1	83	75	92	83	10.00	cps
Beryllium	9-1	133	144	144	141	4.56	cps
Bismuth	209-1	9529855	9673374	9614726	9605985	0.75	cps
Bismuth	209-2	6066024	6055398	6083386	6068270	0.23	cps
Boron	10-1	675	767	542	661	17.11	cps
Boron	11-1	3284	3117	2925	3109	5.77	cps
Cadmium	111-1	2713	2794	2727	2745	1.57	cps
Cadmium	106-1	3876	3967	3892	3912	1.25	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	167	183	192	181	7.05	cps
Calcium	44-1	8486	8995	8144	8542	5.01	cps
Chromium	52-2	420	380	370	390	6.78	cps
Cobalt	59-2	93	63	40	66	40.79	cps
Copper	63-2	840	900	827	856	4.57	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	67	8	50	72.65	cps
Erbium	164-2	30	37	33	33	10.01	cps
Gadolinium	160-1	133	75	142	117	31.14	cps
Gadolinium	160-2	203	173	143	173	17.31	cps
Holmium	165-1	14557028	14593908	14799033	14649990	0.89	cps
Holmium	165-2	8072230	8089564	8159426	8107073	0.57	cps
Indium	115-1	11120158	11214517	11154987	11163221	0.43	cps
Indium	115-2	2649931	2653576	2671581	2658363	0.44	cps
Iron	56-2	5290	5384	5068	5247	3.10	cps
Iron	57-2	544	461	383	463	17.40	cps
Lead	206-1	617	706	722	682	8.33	cps
Lead	207-1	683	667	628	659	4.32	cps
Lead	208-1	3017	2911	2867	2932	2.63	cps
Lithium	6-1	2862919	2890517	2863093	2872176	0.55	cps
Magnesium	24-2	675	792	825	764	10.31	cps
Manganese	55-2	63	70	70	68	5.68	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BL	Instrumnet Name :	P7
Client Sample ID :	PBW008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:13:55	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	275	317	322	15.59	cps
Molybdenum	95-1	150	42	117	103	53.99	cps
Molybdenum	96-1	192	117	117	142	30.57	cps
Molybdenum	97-1	125	167	75	122	37.55	cps
Molybdenum	98-1	175	133	142	150	14.70	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	100	57	67	74	30.48	cps
Phosphorus	31-2	292	375	367	344	13.33	cps
Potassium	39-2	47377	49124	47770	48090	1.91	cps
Rhodium	103-1	10516445	10580270	10606550	10567755	0.44	cps
Rhodium	103-2	5496592	5518823	5554909	5523441	0.53	cps
Scandium	45-1	7077544	7117449	7109120	7101371	0.30	cps
Scandium	45-2	383677	384543	387481	385234	0.52	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	98	85	94	93	7.21	cps
Selenium	82-1	54	1	-44	3	1411.40	cps
Silicon	28-1	331754	336043	336656	334818	0.80	cps
Silver	109-1	50	108	117	92	39.63	cps
Silver	107-1	233	108	100	147	50.73	cps
Sodium	23-2	35109	35794	35835	35579	1.15	cps
Strontium	86-1	800	700	642	714	11.22	cps
Strontium	88-1	50	108	83	81	36.33	cps
Sulfur	34-1	442852	452929	452339	449373	1.26	cps
Terbium	159-1	14856603	14852953	15068311	14925955	0.83	cps
Terbium	159-2	8010909	8035534	7999387	8015277	0.23	cps
Thallium	203-1	275	300	325	300	8.33	cps
Thallium	205-1	667	717	817	733	10.42	cps
Tin	118-1	592	500	700	597	16.76	cps
Titanium	47-1	67	58	108	78	34.44	cps
Uranium	238-1	33	0	42	25	88.19	cps
Vanadium	51-2	23	10	7	13	66.12	cps
Yttrium	89-1	11880696	11970294	11989369	11946786	0.49	cps
Yttrium	89-2	2045288	2060451	2049193	2051644	0.38	cps
Zinc	66-2	330	320	323	324	1.57	cps
Zirconium	90-1	625	692	842	719	15.42	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BL	Instrumnet Name :	P7
Client Sample ID :	PBW008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:13:55	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	142	175	131	39.00	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:17:28	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3734	3351	3451	3512	5.66	cps
Antimony	121-1	31979	31670	31803	31817	0.49	cps
Arsenic	75-2	682	765	706	717	5.98	cps
Barium	135-1	36632	37794	36341	36922	2.08	cps
Barium	137-1	65581	65747	66812	66047	1.01	cps
Beryllium	9-1	3428	3450	3801	3560	5.87	cps
Bismuth	209-1	9523235	9581265	9431700	9512067	0.79	cps
Bismuth	209-2	6120936	6194390	6142574	6152633	0.61	cps
Boron	10-1	9245	10120	9270	9545	5.22	cps
Boron	11-1	43932	43706	44784	44141	1.29	cps
Cadmium	111-1	6287	6687	6211	6395	4.00	cps
Cadmium	106-1	4151	4451	4042	4215	5.02	cps
Cadmium	108-1	313	279	313	301	6.38	cps
Calcium	43-1	23879	22217	22518	22871	3.87	cps
Calcium	44-1	368637	365736	363661	366011	0.68	cps
Chromium	52-2	11928	12465	12525	12306	2.67	cps
Cobalt	59-2	9193	9133	8903	9076	1.69	cps
Copper	63-2	13153	13416	13330	13300	1.01	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	100	83	72	48.05	cps
Erbium	164-2	33	50	30	38	28.37	cps
Gadolinium	160-1	117	108	75	100	22.05	cps
Gadolinium	160-2	203	160	233	199	18.54	cps
Holmium	165-1	14541812	14563216	14574683	14559904	0.11	cps
Holmium	165-2	8236123	8248441	8257932	8247498	0.13	cps
Indium	115-1	11115651	11035855	11048064	11066523	0.39	cps
Indium	115-2	2694398	2717716	2705156	2705757	0.43	cps
Iron	56-2	830975	840064	837237	836092	0.56	cps
Iron	57-2	20726	21650	20537	20971	2.84	cps
Lead	206-1	13279	13307	13580	13389	1.24	cps
Lead	207-1	12250	11655	11989	11965	2.49	cps
Lead	208-1	53860	53939	53950	53916	0.09	cps
Lithium	6-1	2884265	2874270	2848273	2868936	0.65	cps
Magnesium	24-2	198555	203056	200413	200674	1.13	cps
Manganese	55-2	3417	3397	3477	3430	1.21	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:17:28	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31461	31035	30659	31051	1.29	cps
Molybdenum	95-1	36631	37918	36865	37138	1.85	cps
Molybdenum	96-1	41687	41044	41854	41528	1.03	cps
Molybdenum	97-1	23604	22393	23929	23309	3.47	cps
Molybdenum	98-1	60521	59542	59626	59896	0.91	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2597	2570	2690	2619	2.41	cps
Phosphorus	31-2	350	342	375	356	4.88	cps
Potassium	39-2	261686	263881	266381	263982	0.89	cps
Rhodium	103-1	10481265	10504530	10506082	10497292	0.13	cps
Rhodium	103-2	5555716	5659698	5606588	5607334	0.93	cps
Scandium	45-1	7166386	7148370	7147828	7154195	0.15	cps
Scandium	45-2	389378	394749	392088	392072	0.68	cps
Selenium	77-2	60	70	77	69	12.18	cps
Selenium	78-2	317	374	396	362	11.34	cps
Selenium	82-1	1247	1237	1246	1243	0.45	cps
Silicon	28-1	491406	488734	489515	489885	0.28	cps
Silver	109-1	17737	17895	18129	17920	1.10	cps
Silver	107-1	18997	19631	18254	18961	3.63	cps
Sodium	23-2	408321	410954	408837	409371	0.34	cps
Strontium	86-1	5893	5618	5343	5618	4.90	cps
Strontium	88-1	42857	42606	42924	42795	0.39	cps
Sulfur	34-1	447021	452948	441538	447169	1.28	cps
Terbium	159-1	14935597	14893650	14892706	14907318	0.16	cps
Terbium	159-2	8114646	8159332	8111317	8128432	0.33	cps
Thallium	203-1	15385	15877	16152	15804	2.46	cps
Thallium	205-1	37529	36576	37972	37359	1.91	cps
Tin	118-1	60933	60314	59334	60194	1.34	cps
Titanium	47-1	10279	10738	10704	10574	2.42	cps
Uranium	238-1	53428	51862	52356	52549	1.52	cps
Vanadium	51-2	22534	22771	22651	22652	0.52	cps
Yttrium	89-1	11969071	11961959	11894486	11941839	0.34	cps
Yttrium	89-2	2076125	2095293	2085855	2085758	0.46	cps
Zinc	66-2	2384	2254	2304	2314	2.84	cps
Zirconium	90-1	27661	27268	27628	27519	0.79	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	PB109133BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:17:28	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5968	6402	6177	6182	3.51	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:21:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517	1825	1508	1617	11.17	cps
Antimony	121-1	2634	2375	2342	2450	6.52	cps
Arsenic	75-2	91	133	106	110	19.68	cps
Barium	135-1	165072	163578	161578	163409	1.07	cps
Barium	137-1	288103	282324	284588	285005	1.02	cps
Beryllium	9-1	294	322	356	324	9.44	cps
Bismuth	209-1	10240109	10047491	10130593	10139398	0.95	cps
Bismuth	209-2	6322663	6369188	6385773	6359208	0.51	cps
Boron	10-1	11313	11655	11897	11622	2.52	cps
Boron	11-1	56331	57309	57979	57206	1.45	cps
Cadmium	111-1	2968	2839	2934	2914	2.30	cps
Cadmium	106-1	4076	3842	4017	3979	3.05	cps
Cadmium	108-1	38	25	17	26	39.73	cps
Calcium	43-1	723491	702895	708382	711589	1.50	cps
Calcium	44-1	11919849	11663553	11670931	11751444	1.24	cps
Chromium	52-2	4287	4154	4211	4217	1.59	cps
Cobalt	59-2	2470	2434	2500	2468	1.35	cps
Copper	63-2	520778	516745	518762	518762	0.39	cps
Dysprosium	156-1	283	250	308	281	10.43	cps
Dysprosium	156-2	157	113	160	143	18.16	cps
Erbium	164-1	392	333	283	336	16.13	cps
Erbium	164-2	173	183	193	183	5.45	cps
Gadolinium	160-1	308	383	333	342	11.18	cps
Gadolinium	160-2	333	317	380	343	9.56	cps
Holmium	165-1	15742773	15608918	15675674	15675788	0.43	cps
Holmium	165-2	8607511	8586649	8646964	8613708	0.36	cps
Indium	115-1	12225981	12030724	12066461	12107722	0.86	cps
Indium	115-2	2808840	2817835	2820349	2815675	0.21	cps
Iron	56-2	1984089	1984408	1981686	1983394	0.08	cps
Iron	57-2	52198	51954	51886	52013	0.32	cps
Lead	206-1	217278	210404	213063	213581	1.62	cps
Lead	207-1	179472	174986	174735	176397	1.51	cps
Lead	208-1	832113	814163	819838	822038	1.12	cps
Lithium	6-1	3147785	3107421	3098009	3117738	0.85	cps
Magnesium	24-2	1785466	1787405	1784276	1785716	0.09	cps
Manganese	55-2	617297	621518	617841	618886	0.37	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:21:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	450	408	422	5.70	cps
Molybdenum	95-1	233	192	133	186	26.99	cps
Molybdenum	96-1	250	250	275	258	5.59	cps
Molybdenum	97-1	142	125	133	133	6.25	cps
Molybdenum	98-1	217	167	308	231	31.16	cps
Neodymium	150-1	180	120	120	140	24.75	cps
Neodymium	150-2	107	73	97	92	18.55	cps
Nickel	60-2	22417	22614	22194	22408	0.94	cps
Phosphorus	31-2	350	425	500	425	17.65	cps
Potassium	39-2	462625	464354	464330	463770	0.21	cps
Rhodium	103-1	11158477	10990775	11061452	11070235	0.76	cps
Rhodium	103-2	5676853	5663193	5641837	5660627	0.31	cps
Scandium	45-1	7742551	7528629	7479070	7583417	1.85	cps
Scandium	45-2	392282	394242	391153	392559	0.40	cps
Selenium	77-2	20	10	17	16	32.73	cps
Selenium	78-2	146	120	126	131	10.43	cps
Selenium	82-1	224	291	174	230	25.48	cps
Silicon	28-1	30376665	29946810	29975535	30099670	0.80	cps
Silver	109-1	3125	3251	3351	3242	3.48	cps
Silver	107-1	3334	3434	3734	3501	5.95	cps
Sodium	23-2	16606363	16554492	16496965	16552607	0.33	cps
Strontium	86-1	194212	194475	193545	194077	0.25	cps
Strontium	88-1	1709137	1669266	1682336	1686913	1.20	cps
Sulfur	34-1	1123082	1107582	1101303	1110656	1.01	cps
Terbium	159-1	16167812	15939119	15959665	16022199	0.79	cps
Terbium	159-2	8476074	8472528	8437994	8462199	0.25	cps
Thallium	203-1	2342	2317	2325	2328	0.55	cps
Thallium	205-1	5518	5451	5218	5396	2.92	cps
Tin	118-1	24170	24344	24746	24420	1.21	cps
Titanium	47-1	692	867	558	706	21.94	cps
Uranium	238-1	2475	2442	2517	2478	1.52	cps
Vanadium	51-2	1143	1130	1137	1137	0.59	cps
Yttrium	89-1	12893977	12621519	12735089	12750195	1.07	cps
Yttrium	89-2	2134510	2125771	2120806	2127029	0.33	cps
Zinc	66-2	8096	8373	8463	8310	2.30	cps
Zirconium	90-1	1242	867	1058	1056	17.77	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-01	Instrumnet Name :	P7
Client Sample ID :	MC0AA0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:21:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	192	150	172	12.18	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:24:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	433	325	389	14.59	cps
Antimony	121-1	825	1000	883	903	9.87	cps
Arsenic	75-2	41	39	26	35	22.93	cps
Barium	135-1	14241	14508	13590	14113	3.34	cps
Barium	137-1	24873	25040	24356	24756	1.44	cps
Beryllium	9-1	111	89	144	115	24.36	cps
Bismuth	209-1	9975403	9981937	9920867	9959402	0.34	cps
Bismuth	209-2	6067616	6099766	6031458	6066280	0.56	cps
Boron	10-1	9804	9745	10237	9929	2.71	cps
Boron	11-1	48453	47183	46790	47475	1.83	cps
Cadmium	111-1	2736	2448	2455	2547	6.45	cps
Cadmium	106-1	3876	3484	3492	3617	6.19	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	30942	29789	29764	30165	2.23	cps
Calcium	44-1	513320	509154	505334	509269	0.78	cps
Chromium	52-2	737	690	740	722	3.87	cps
Cobalt	59-2	173	190	160	174	8.62	cps
Copper	63-2	2044	1807	1927	1926	6.15	cps
Dysprosium	156-1	33	8	17	19	65.48	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	10	33	37	27	54.49	cps
Gadolinium	160-1	108	100	83	97	13.09	cps
Gadolinium	160-2	140	137	170	149	12.33	cps
Holmium	165-1	15392501	15434762	15373122	15400128	0.20	cps
Holmium	165-2	8354464	8378829	8239388	8324227	0.89	cps
Indium	115-1	11599164	11657949	11560668	11605927	0.42	cps
Indium	115-2	2632872	2630638	2619720	2627743	0.27	cps
Iron	56-2	17233	17333	17049	17205	0.84	cps
Iron	57-2	783	861	867	837	5.57	cps
Lead	206-1	1728	1906	1639	1758	7.73	cps
Lead	207-1	1495	1356	1528	1459	6.26	cps
Lead	208-1	6645	6829	6884	6786	1.84	cps
Lithium	6-1	2993203	2974644	2967686	2978511	0.44	cps
Magnesium	24-2	63845	63134	62959	63312	0.74	cps
Manganese	55-2	12769	12799	12776	12781	0.12	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:24:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	358	333	378	15.02	cps
Molybdenum	95-1	142	150	275	189	39.54	cps
Molybdenum	96-1	217	192	300	236	24.02	cps
Molybdenum	97-1	150	125	167	147	14.24	cps
Molybdenum	98-1	317	383	367	356	9.76	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	137	150	197	161	19.56	cps
Phosphorus	31-2	1325	1317	1267	1303	2.42	cps
Potassium	39-2	537554	538423	527555	534510	1.13	cps
Rhodium	103-1	10607226	10598484	10465677	10557129	0.75	cps
Rhodium	103-2	5311646	5324270	5298900	5311606	0.24	cps
Scandium	45-1	7248441	7208398	7124024	7193621	0.88	cps
Scandium	45-2	367879	363003	361548	364143	0.91	cps
Selenium	77-2	13	20	7	13	49.99	cps
Selenium	78-2	87	94	154	112	32.70	cps
Selenium	82-1	263	153	192	203	27.35	cps
Silicon	28-1	28321235	28200304	27960014	28160518	0.65	cps
Silver	109-1	2400	2559	29028	11329	135.30	cps
Silver	107-1	2317	2650	2467	2478	6.74	cps
Sodium	23-2	61131070	61006606	60162466	60766714	0.87	cps
Strontium	86-1	24422	24238	23937	24199	1.01	cps
Strontium	88-1	207098	205054	201817	204656	1.30	cps
Sulfur	34-1	1129029	1113890	1099759	1114226	1.31	cps
Terbium	159-1	15782757	15822965	15668842	15758188	0.51	cps
Terbium	159-2	8240731	8180959	8086693	8169461	0.95	cps
Thallium	203-1	1492	1250	1358	1367	8.86	cps
Thallium	205-1	3926	3651	3417	3665	6.95	cps
Tin	118-1	1467	1900	1492	1620	15.02	cps
Titanium	47-1	600	550	492	547	9.91	cps
Uranium	238-1	25	17	33	25	33.32	cps
Vanadium	51-2	483	517	473	491	4.62	cps
Yttrium	89-1	12258950	12257132	12068077	12194720	0.90	cps
Yttrium	89-2	2010474	2002883	1998499	2003952	0.30	cps
Zinc	66-2	1503	1503	1533	1513	1.14	cps
Zirconium	90-1	775	800	667	747	9.49	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-02	Instrumnet Name :	P7
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:24:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	183	192	208	17.43	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:28:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	892	792	834	6.25	cps
Antimony	121-1	1108	1125	1325	1186	10.17	cps
Arsenic	75-2	54	44	50	49	9.44	cps
Barium	135-1	28530	28664	28764	28653	0.41	cps
Barium	137-1	49489	49288	50317	49698	1.10	cps
Beryllium	9-1	128	117	89	111	18.03	cps
Bismuth	209-1	9857605	9933310	9957941	9916285	0.53	cps
Bismuth	209-2	6051452	6038117	6070236	6053268	0.27	cps
Boron	10-1	22626	23644	22877	23049	2.30	cps
Boron	11-1	108605	110643	111542	110263	1.36	cps
Cadmium	111-1	2705	2722	2435	2621	6.14	cps
Cadmium	106-1	3867	3859	3484	3737	5.86	cps
Cadmium	108-1	21	0	17	13	88.19	cps
Calcium	43-1	78567	77821	77620	78003	0.64	cps
Calcium	44-1	1282244	1264025	1282360	1276210	0.83	cps
Chromium	52-2	897	777	810	828	7.48	cps
Cobalt	59-2	177	220	147	181	20.36	cps
Copper	63-2	2450	2417	2197	2355	5.85	cps
Dysprosium	156-1	17	117	17	50	115.48	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	47	30	27	34	31.11	cps
Gadolinium	160-1	42	75	108	75	44.44	cps
Gadolinium	160-2	223	197	170	197	13.56	cps
Holmium	165-1	15190815	15342173	15481576	15338188	0.95	cps
Holmium	165-2	8296372	8309838	8274341	8293517	0.22	cps
Indium	115-1	11489400	11487198	11537848	11504815	0.25	cps
Indium	115-2	2614036	2624980	2611591	2616869	0.27	cps
Iron	56-2	17195	21894	27944	22344	24.12	cps
Iron	57-2	967	967	1106	1013	7.92	cps
Lead	206-1	1600	1472	1611	1561	4.94	cps
Lead	207-1	1322	1156	1206	1228	6.97	cps
Lead	208-1	5923	6460	5695	6026	6.52	cps
Lithium	6-1	2927274	2926629	2926682	2926862	0.01	cps
Magnesium	24-2	138375	136173	134700	136416	1.36	cps
Manganese	55-2	27860	27907	27346	27704	1.12	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:28:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	308	358	314	13.36	cps
Molybdenum	95-1	108	167	150	142	21.21	cps
Molybdenum	96-1	133	225	208	189	25.85	cps
Molybdenum	97-1	117	117	142	125	11.55	cps
Molybdenum	98-1	292	217	192	233	22.30	cps
Neodymium	150-1	80	20	40	47	65.47	cps
Neodymium	150-2	30	33	10	24	51.62	cps
Nickel	60-2	193	190	167	183	7.93	cps
Phosphorus	31-2	3992	3726	3659	3792	4.65	cps
Potassium	39-2	456826	451466	450664	452985	0.74	cps
Rhodium	103-1	10471302	10454155	10590635	10505364	0.71	cps
Rhodium	103-2	5286440	5318656	5308771	5304622	0.31	cps
Scandium	45-1	7118111	7067283	7143671	7109688	0.55	cps
Scandium	45-2	364065	363845	363617	363842	0.06	cps
Selenium	77-2	13	10	17	13	25.01	cps
Selenium	78-2	139	119	117	125	9.89	cps
Selenium	82-1	178	154	221	184	18.25	cps
Silicon	28-1	28320428	28431360	28410331	28387373	0.21	cps
Silver	109-1	1792	2142	2000	1978	8.90	cps
Silver	107-1	2067	2267	1950	2095	7.65	cps
Sodium	23-2	55936901	55557482	55575287	55689890	0.38	cps
Strontium	86-1	46551	45816	45005	45791	1.69	cps
Strontium	88-1	393471	391928	391597	392332	0.25	cps
Sulfur	34-1	1084359	1072300	1078410	1078356	0.56	cps
Terbium	159-1	15558234	15583619	15713872	15618575	0.53	cps
Terbium	159-2	8126950	8166202	8100670	8131274	0.41	cps
Thallium	203-1	900	850	933	895	4.69	cps
Thallium	205-1	2059	2092	1950	2034	3.64	cps
Tin	118-1	1467	1375	1584	1475	7.08	cps
Titanium	47-1	975	1058	1568	1200	26.72	cps
Uranium	238-1	33	8	17	19	65.48	cps
Vanadium	51-2	527	550	573	550	4.24	cps
Yttrium	89-1	12071634	12180303	12277296	12176411	0.84	cps
Yttrium	89-2	1993001	1987040	1988748	1989597	0.15	cps
Zinc	66-2	3327	3240	3207	3258	1.90	cps
Zirconium	90-1	983	808	900	897	9.76	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03	Instrumnet Name :	P7
Client Sample ID :	MC0AA2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:28:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2248	225	150	874	136.13	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA2D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:31:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1084	1760	700	1182	45.42	cps
Antimony	121-1	1267	1175	1150	1197	5.13	cps
Arsenic	75-2	46	54	48	49	7.80	cps
Barium	135-1	28764	29081	28012	28619	1.92	cps
Barium	137-1	48971	49581	48109	48887	1.51	cps
Beryllium	9-1	78	72	111	87	24.16	cps
Bismuth	209-1	9983018	9860418	9895686	9913041	0.64	cps
Bismuth	209-2	5904941	5976261	5984118	5955107	0.73	cps
Boron	10-1	22167	22217	22676	22353	1.26	cps
Boron	11-1	109486	110014	110837	110112	0.62	cps
Cadmium	111-1	2645	2438	2747	2610	6.03	cps
Cadmium	106-1	3776	3476	3892	3715	5.79	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	77219	77453	79245	77973	1.42	cps
Calcium	44-1	1271382	1264491	1260431	1265435	0.44	cps
Chromium	52-2	823	800	810	811	1.44	cps
Cobalt	59-2	150	217	207	191	18.81	cps
Copper	63-2	2420	2444	2510	2458	1.90	cps
Dysprosium	156-1	33	50	8	31	68.64	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	37	17	33	29	37.08	cps
Gadolinium	160-1	67	117	635	273	115.36	cps
Gadolinium	160-2	157	173	180	170	7.07	cps
Holmium	165-1	15480342	15412724	15128314	15340460	1.22	cps
Holmium	165-2	8154515	8186209	8164533	8168419	0.20	cps
Indium	115-1	11501165	11576677	11458227	11512023	0.52	cps
Indium	115-2	2568221	2579832	2607634	2585229	0.78	cps
Iron	56-2	18247	15264	16528	16680	8.98	cps
Iron	57-2	945	978	922	948	2.95	cps
Lead	206-1	995	861	967	941	7.48	cps
Lead	207-1	722	756	794	757	4.77	cps
Lead	208-1	3678	3678	3711	3689	0.52	cps
Lithium	6-1	2927443	2903976	2875399	2902273	0.90	cps
Magnesium	24-2	135600	136105	132842	134849	1.30	cps
Manganese	55-2	27192	26855	27192	27080	0.72	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA2D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:31:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	383	475	414	12.79	cps
Molybdenum	95-1	133	158	142	144	8.81	cps
Molybdenum	96-1	158	342	242	247	37.13	cps
Molybdenum	97-1	133	92	142	122	21.92	cps
Molybdenum	98-1	233	150	133	172	31.11	cps
Neodymium	150-1	27	33	13	24	41.66	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	193	200	177	190	6.32	cps
Phosphorus	31-2	3859	3884	3726	3823	2.23	cps
Potassium	39-2	450622	450859	453567	451683	0.36	cps
Rhodium	103-1	10605306	10519287	10448714	10524436	0.75	cps
Rhodium	103-2	5219379	5248203	5287464	5251682	0.65	cps
Scandium	45-1	7172748	7135147	7090560	7132818	0.58	cps
Scandium	45-2	358806	358991	364143	360647	0.84	cps
Selenium	77-2	7	13	23	14	58.06	cps
Selenium	78-2	135	111	117	121	10.42	cps
Selenium	82-1	167	231	181	193	17.49	cps
Silicon	28-1	28314927	28308039	28199727	28274231	0.23	cps
Silver	109-1	1900	1959	2000	1953	2.57	cps
Silver	107-1	2017	1975	2109	2034	3.36	cps
Sodium	23-2	55099732	55139595	55202118	55147148	0.09	cps
Strontium	86-1	46025	45163	45139	45442	1.11	cps
Strontium	88-1	392392	390731	386026	389716	0.85	cps
Sulfur	34-1	1069882	1070758	1058218	1066286	0.66	cps
Terbium	159-1	15743317	15565522	15590873	15633237	0.62	cps
Terbium	159-2	8005759	8050579	8025667	8027335	0.28	cps
Thallium	203-1	758	742	608	703	11.70	cps
Thallium	205-1	1609	1667	1534	1603	4.17	cps
Tin	118-1	1625	1483	1634	1581	5.33	cps
Titanium	47-1	983	900	950	945	4.44	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	777	730	767	758	3.24	cps
Yttrium	89-1	12158456	12187189	12093839	12146495	0.39	cps
Yttrium	89-2	1967761	1977022	1986954	1977246	0.49	cps
Zinc	66-2	2647	2750	2900	2766	4.61	cps
Zirconium	90-1	883	1621	1251	1252	29.45	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-04	Instrumnet Name :	P7
Client Sample ID :	MC0AA2D	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:31:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	183	158	192	19.93	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA2L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-10 14:35:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	125	192	161	20.90	cps
Antimony	121-1	250	283	275	269	6.44	cps
Arsenic	75-2	19	17	20	19	9.99	cps
Barium	135-1	5451	5476	5543	5490	0.86	cps
Barium	137-1	9212	8812	8995	9006	2.22	cps
Beryllium	9-1	111	56	111	93	34.64	cps
Bismuth	209-1	9692324	9686620	9657797	9678914	0.19	cps
Bismuth	209-2	5921637	5961414	5997682	5960244	0.64	cps
Boron	10-1	5243	5234	5401	5293	1.77	cps
Boron	11-1	24028	24087	24112	24075	0.18	cps
Cadmium	111-1	2563	2447	2751	2587	5.92	cps
Cadmium	106-1	3651	3484	3926	3687	6.05	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	14750	14249	14541	14513	1.73	cps
Calcium	44-1	241484	237793	240676	239984	0.81	cps
Chromium	52-2	473	447	480	467	3.78	cps
Cobalt	59-2	57	60	90	69	26.65	cps
Copper	63-2	1493	1483	1357	1445	5.27	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	37	13	27	26	45.82	cps
Gadolinium	160-1	150	108	75	111	33.82	cps
Gadolinium	160-2	183	240	153	192	22.90	cps
Holmium	165-1	14797711	14783689	14778074	14786491	0.07	cps
Holmium	165-2	8086466	8113897	8089602	8096655	0.19	cps
Indium	115-1	11136413	11075784	11095781	11102659	0.28	cps
Indium	115-2	2555149	2552661	2564771	2557527	0.25	cps
Iron	56-2	7241	10614	6908	8254	24.84	cps
Iron	57-2	522	406	411	446	14.75	cps
Lead	206-1	394	522	344	420	21.81	cps
Lead	207-1	378	328	339	348	7.54	cps
Lead	208-1	1572	1745	1606	1641	5.57	cps
Lithium	6-1	2747115	2721488	2718775	2729126	0.57	cps
Magnesium	24-2	25848	25714	26207	25923	0.98	cps
Manganese	55-2	4981	5198	5208	5129	2.50	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA2L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-10 14:35:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	283	258	281	7.48	cps
Molybdenum	95-1	33	42	42	39	12.38	cps
Molybdenum	96-1	100	67	150	106	39.74	cps
Molybdenum	97-1	75	100	108	94	18.37	cps
Molybdenum	98-1	67	83	150	100	44.10	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	107	73	87	20.36	cps
Phosphorus	31-2	833	950	983	922	8.54	cps
Potassium	39-2	119991	119301	117489	118927	1.09	cps
Rhodium	103-1	10407191	10310124	10375417	10364244	0.48	cps
Rhodium	103-2	5296288	5297048	5302487	5298607	0.06	cps
Scandium	45-1	6892456	6843144	6853295	6862965	0.38	cps
Scandium	45-2	355441	353315	354452	354403	0.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	72	80	78	7.22	cps
Selenium	82-1	-3	101	64	54	97.97	cps
Silicon	28-1	5549150	5524721	5495722	5523198	0.48	cps
Silver	109-1	717	642	725	694	6.61	cps
Silver	107-1	808	858	733	800	7.86	cps
Sodium	23-2	10465147	10374002	10421588	10420246	0.44	cps
Strontium	86-1	10634	8920	8403	9319	12.54	cps
Strontium	88-1	73623	71779	72667	72690	1.27	cps
Sulfur	34-1	489102	479997	478257	482452	1.21	cps
Terbium	159-1	15086264	15049198	15008107	15047856	0.26	cps
Terbium	159-2	8010032	7944483	7934732	7963082	0.51	cps
Thallium	203-1	125	175	183	161	19.58	cps
Thallium	205-1	417	342	367	375	10.18	cps
Tin	118-1	725	742	792	753	4.61	cps
Titanium	47-1	267	167	358	264	36.33	cps
Uranium	238-1	42	0	33	25	88.19	cps
Vanadium	51-2	213	203	183	200	7.64	cps
Yttrium	89-1	11821848	11675988	11768023	11755286	0.63	cps
Yttrium	89-2	1958147	1963685	1963889	1961907	0.17	cps
Zinc	66-2	447	407	430	428	4.70	cps
Zirconium	90-1	625	800	625	683	14.79	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-03LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AA2L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-10 14:35:18	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	108	6047	2102	162.56	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-05	Instrumnet Name :	P7
Client Sample ID :	MC0AA2S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:38:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	164014	164530	163990	164178	0.19	cps
Antimony	121-1	845187	845823	842297	844436	0.22	cps
Arsenic	75-2	13321	13681	13779	13593	1.77	cps
Barium	135-1	4100632	4070755	4061589	4077659	0.50	cps
Barium	137-1	7174887	7172381	7172606	7173291	0.02	cps
Beryllium	9-1	83831	83116	82418	83121	0.85	cps
Bismuth	209-1	10021462	10055908	10004297	10027222	0.26	cps
Bismuth	209-2	6048177	6095141	6093445	6078921	0.44	cps
Boron	10-1	21800	22284	22284	22123	1.26	cps
Boron	11-1	106405	106138	108813	107119	1.38	cps
Cadmium	111-1	101983	102337	103352	102558	0.69	cps
Cadmium	106-1	12915	12606	13007	12842	1.63	cps
Cadmium	108-1	6414	6360	6593	6456	1.89	cps
Calcium	43-1	76733	76381	76280	76465	0.31	cps
Calcium	44-1	1241424	1254889	1244817	1247044	0.56	cps
Chromium	52-2	525405	529888	529125	528139	0.45	cps
Cobalt	59-2	2160845	2166480	2174744	2167356	0.32	cps
Copper	63-2	769746	774180	774931	772952	0.36	cps
Dysprosium	156-1	58	75	100	78	26.96	cps
Dysprosium	156-2	40	37	40	39	4.94	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	53	40	47	47	14.28	cps
Gadolinium	160-1	92	75	100	89	14.32	cps
Gadolinium	160-2	250	213	200	221	11.71	cps
Holmium	165-1	15693733	15724405	15657125	15691754	0.21	cps
Holmium	165-2	8358944	8354884	8391693	8368507	0.24	cps
Indium	115-1	11684485	11675863	11751521	11703956	0.35	cps
Indium	115-2	2642258	2663490	2655503	2653750	0.40	cps
Iron	56-2	2216331	2216718	2227576	2220208	0.29	cps
Iron	57-2	55422	55700	55500	55541	0.26	cps
Lead	206-1	139204	138456	138273	138644	0.36	cps
Lead	207-1	118859	116247	116125	117077	1.32	cps
Lead	208-1	546250	539343	539060	541551	0.75	cps
Lithium	6-1	2943166	2961259	2929924	2944783	0.53	cps
Magnesium	24-2	135760	134903	135138	135267	0.33	cps
Manganese	55-2	797859	801019	800734	799871	0.22	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-05	Instrumnet Name :	P7
Client Sample ID :	MC0AA2S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:38:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	951	558	681	34.41	cps
Molybdenum	95-1	367	442	358	389	11.80	cps
Molybdenum	96-1	500	450	583	511	13.18	cps
Molybdenum	97-1	325	250	292	289	13.01	cps
Molybdenum	98-1	492	642	608	581	13.57	cps
Neodymium	150-1	227	300	293	273	14.84	cps
Neodymium	150-2	47	103	37	62	57.79	cps
Nickel	60-2	562167	562572	564073	562937	0.18	cps
Phosphorus	31-2	3976	3984	4159	4040	2.56	cps
Potassium	39-2	452956	451224	449454	451211	0.39	cps
Rhodium	103-1	10723937	10796195	10770873	10763668	0.34	cps
Rhodium	103-2	5404340	5444882	5449293	5432838	0.46	cps
Scandium	45-1	7244241	7294321	7292424	7276995	0.39	cps
Scandium	45-2	369684	372862	369975	370840	0.47	cps
Selenium	77-2	760	747	700	736	4.28	cps
Selenium	78-2	2460	2519	2491	2490	1.19	cps
Selenium	82-1	13037	13121	13514	13224	1.92	cps
Silicon	28-1	28661853	28750671	28745820	28719448	0.17	cps
Silver	109-1	453593	450507	450222	451441	0.41	cps
Silver	107-1	472056	467827	471922	470602	0.51	cps
Sodium	23-2	55111612	55121995	54866010	55033205	0.26	cps
Strontium	86-1	45197	45832	45063	45364	0.91	cps
Strontium	88-1	384430	389705	385476	386537	0.72	cps
Sulfur	34-1	1058873	1062168	1061711	1060917	0.17	cps
Terbium	159-1	16005368	16020236	15957039	15994214	0.21	cps
Terbium	159-2	8289465	8250885	8197810	8246053	0.56	cps
Thallium	203-1	404081	411020	408672	407924	0.87	cps
Thallium	205-1	970345	960045	963174	964521	0.55	cps
Tin	118-1	1900	1917	2059	1959	4.44	cps
Titanium	47-1	867	1267	1158	1097	18.86	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	1119747	1121549	1117835	1119710	0.17	cps
Yttrium	89-1	12438909	12502485	12424253	12455215	0.33	cps
Yttrium	89-2	2031272	2045380	2038721	2038458	0.35	cps
Zinc	66-2	227473	227171	226996	227213	0.11	cps
Zirconium	90-1	733	950	1092	925	19.51	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-05	Instrumnet Name :	P7
Client Sample ID :	MC0AA2S	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:38:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	142	158	181	29.67	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-06	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:42:24	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1517	1892	1706	11.00	cps
Antimony	121-1	2575	2642	2709	2642	2.52	cps
Arsenic	75-2	89	107	115	104	12.88	cps
Barium	135-1	168739	166989	168617	168115	0.58	cps
Barium	137-1	295889	291186	293345	293473	0.80	cps
Beryllium	9-1	339	311	294	315	7.13	cps
Bismuth	209-1	10013613	9965509	9661682	9880268	1.93	cps
Bismuth	209-2	6078417	6103072	6075019	6085503	0.25	cps
Boron	10-1	12130	10804	11430	11455	5.79	cps
Boron	11-1	53428	53821	55361	54204	1.88	cps
Cadmium	111-1	2719	2790	2746	2751	1.30	cps
Cadmium	106-1	3726	3809	3767	3767	1.11	cps
Cadmium	108-1	8	8	29	15	78.76	cps
Calcium	43-1	705219	701426	703187	703277	0.27	cps
Calcium	44-1	11668298	11613040	11736771	11672703	0.53	cps
Chromium	52-2	4421	4624	4594	4546	2.42	cps
Cobalt	59-2	2714	2514	2750	2659	4.79	cps
Copper	63-2	434701	432139	431923	432921	0.36	cps
Dysprosium	156-1	292	217	217	242	17.92	cps
Dysprosium	156-2	167	150	170	162	6.61	cps
Erbium	164-1	300	250	392	314	22.89	cps
Erbium	164-2	153	150	167	157	5.63	cps
Gadolinium	160-1	300	342	383	342	12.20	cps
Gadolinium	160-2	343	367	380	363	5.11	cps
Holmium	165-1	15460643	15391093	14957681	15269805	1.78	cps
Holmium	165-2	8332433	8327846	8271882	8310720	0.41	cps
Indium	115-1	11671047	11648005	11235169	11518074	2.13	cps
Indium	115-2	2677064	2677846	2655123	2670011	0.48	cps
Iron	56-2	2318229	2342571	2303925	2321575	0.84	cps
Iron	57-2	59543	60229	58857	59543	1.15	cps
Lead	206-1	239919	236108	238682	238236	0.82	cps
Lead	207-1	196214	197315	196859	196796	0.28	cps
Lead	208-1	921764	915714	916152	917877	0.37	cps
Lithium	6-1	2896404	2894985	2787984	2859791	2.17	cps
Magnesium	24-2	1724952	1737551	1725074	1729192	0.42	cps
Manganese	55-2	596461	603596	600247	600101	0.59	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-06	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:42:24	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	425	442	433	1.92	cps
Molybdenum	95-1	183	167	208	186	11.27	cps
Molybdenum	96-1	225	250	300	258	14.78	cps
Molybdenum	97-1	192	217	225	211	8.22	cps
Molybdenum	98-1	350	242	275	289	19.21	cps
Neodymium	150-1	133	160	200	164	20.40	cps
Neodymium	150-2	67	97	83	82	18.28	cps
Nickel	60-2	21432	22334	21506	21757	2.30	cps
Phosphorus	31-2	325	425	350	367	14.19	cps
Potassium	39-2	438052	438546	437369	437989	0.13	cps
Rhodium	103-1	10887728	10763864	10403853	10685148	2.35	cps
Rhodium	103-2	5470358	5466992	5444083	5460478	0.26	cps
Scandium	45-1	7209385	7215319	6936545	7120416	2.24	cps
Scandium	45-2	368270	370102	370617	369663	0.33	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	122	130	115	122	6.06	cps
Selenium	82-1	280	242	304	275	11.39	cps
Silicon	28-1	28965142	28676858	28873342	28838448	0.51	cps
Silver	109-1	2509	2442	2392	2448	2.39	cps
Silver	107-1	2600	2517	2800	2639	5.52	cps
Sodium	23-2	15613324	15593649	15482121	15563031	0.45	cps
Strontium	86-1	194747	195496	193055	194433	0.64	cps
Strontium	88-1	1703835	1688685	1701716	1698078	0.48	cps
Sulfur	34-1	1007159	1008259	1020888	1012102	0.75	cps
Terbium	159-1	15837617	15802097	15248057	15629257	2.12	cps
Terbium	159-2	8240240	8265027	8164387	8223218	0.64	cps
Thallium	203-1	783	667	817	756	10.43	cps
Thallium	205-1	2017	1717	1909	1881	8.08	cps
Tin	118-1	18190	26054	19245	21163	20.17	cps
Titanium	47-1	775	792	725	764	4.54	cps
Uranium	238-1	3000	2542	2617	2720	9.04	cps
Vanadium	51-2	1317	1220	1510	1349	10.95	cps
Yttrium	89-1	12403238	12259802	11968048	12210363	1.82	cps
Yttrium	89-2	2025223	2052446	2034341	2037337	0.68	cps
Zinc	66-2	9974	9840	10094	9969	1.27	cps
Zirconium	90-1	875	767	758	800	8.14	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	J2841-06	Instrumnet Name :	P7
Client Sample ID :	MC0AA3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:42:24	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	217	167	183	15.75	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:49:51	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4452708	4525685	4474181	4484192	0.84	cps
Antimony	121-1	4191484	4190491	4157544	4179840	0.46	cps
Arsenic	75-2	162015	162948	162436	162466	0.29	cps
Barium	135-1	5112724	5101312	5080862	5098299	0.32	cps
Barium	137-1	8933687	8832784	8846693	8871054	0.62	cps
Beryllium	9-1	841950	827099	825899	831649	1.08	cps
Bismuth	209-1	9015450	8916029	8953248	8961576	0.56	cps
Bismuth	209-2	5518860	5581374	5568528	5556254	0.59	cps
Boron	10-1	92499	95190	97823	95171	2.80	cps
Boron	11-1	434820	446090	445013	441974	1.41	cps
Cadmium	111-1	950473	944731	947036	947413	0.31	cps
Cadmium	106-1	108051	105843	108110	107334	1.20	cps
Cadmium	108-1	71576	71379	71404	71453	0.15	cps
Calcium	43-1	5844734	5772985	5733567	5783762	0.97	cps
Calcium	44-1	95084277	94085771	93622729	94264259	0.79	cps
Chromium	52-2	1376320	1396992	1375475	1382929	0.88	cps
Cobalt	59-2	2054965	2094656	2069391	2073004	0.97	cps
Copper	63-2	2813530	2856633	2823538	2831233	0.80	cps
Dysprosium	156-1	100	175	158	144	27.27	cps
Dysprosium	156-2	63	100	103	89	24.97	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	83	92	50	75	29.40	cps
Gadolinium	160-2	153	227	210	197	19.55	cps
Holmium	165-1	14736940	14574827	14658595	14656787	0.55	cps
Holmium	165-2	7980250	8090481	8015339	8028690	0.70	cps
Indium	115-1	10406495	10291183	10306738	10334806	0.61	cps
Indium	115-2	2380614	2429742	2408022	2406126	1.02	cps
Iron	56-2	275997956	277744517	276610734	276784402	0.32	cps
Iron	57-2	6788175	6848160	6790589	6808975	0.50	cps
Lead	206-1	3313850	3310566	3260091	3294836	0.91	cps
Lead	207-1	2987922	2997999	2957924	2981281	0.70	cps
Lead	208-1	13555377	13510194	13426372	13497315	0.48	cps
Lithium	6-1	2674228	2657063	2653906	2661732	0.41	cps
Magnesium	24-2	46849283	47417750	46985479	47084171	0.63	cps
Manganese	55-2	1536478	1559792	1548496	1548255	0.75	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:49:51	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8250889	8109927	8160375	8173730	0.87	cps
Molybdenum	95-1	10157166	9975727	10027620	10053504	0.93	cps
Molybdenum	96-1	11132798	10991944	11024789	11049844	0.67	cps
Molybdenum	97-1	6297858	6203718	6230252	6243943	0.78	cps
Molybdenum	98-1	16259642	16004082	16039612	16101112	0.86	cps
Neodymium	150-1	340	380	413	378	9.72	cps
Neodymium	150-2	57	47	73	59	22.88	cps
Nickel	60-2	541777	551031	544636	545815	0.87	cps
Phosphorus	31-2	49249	49984	50545	49926	1.30	cps
Potassium	39-2	25508601	25704865	25592788	25602084	0.38	cps
Rhodium	103-1	9479065	9389006	9417000	9428357	0.49	cps
Rhodium	103-2	4821613	4884468	4888769	4864950	0.77	cps
Scandium	45-1	6706552	6643716	6603774	6651347	0.78	cps
Scandium	45-2	345762	350616	347494	347957	0.71	cps
Selenium	77-2	3407	3327	3270	3335	2.06	cps
Selenium	78-2	11160	11512	11191	11288	1.73	cps
Selenium	82-1	59832	58532	58717	59027	1.19	cps
Silicon	28-1	2981367	2961524	2951143	2964678	0.52	cps
Silver	109-1	4468125	4410905	4464373	4447801	0.72	cps
Silver	107-1	4693708	4658214	4658915	4670279	0.43	cps
Sodium	23-2	88713379	89851567	89031079	89198675	0.66	cps
Strontium	86-1	1299119	1287311	1281024	1289151	0.71	cps
Strontium	88-1	11572868	11477437	11382562	11477622	0.83	cps
Sulfur	34-1	753142	751047	747297	750495	0.39	cps
Terbium	159-1	14937774	14929965	14794397	14887379	0.54	cps
Terbium	159-2	7866313	7908731	7863597	7879547	0.32	cps
Thallium	203-1	4096915	4104312	4117427	4106218	0.25	cps
Thallium	205-1	9892811	9962137	9837086	9897345	0.63	cps
Tin	118-1	3178968	3164235	3147079	3163427	0.50	cps
Titanium	47-1	2747118	2702476	2711062	2720219	0.87	cps
Uranium	238-1	14914358	14757614	14798546	14823506	0.55	cps
Vanadium	51-2	1122816	1137673	1123300	1127930	0.75	cps
Yttrium	89-1	11378912	11341410	11284728	11335017	0.42	cps
Yttrium	89-2	1889212	1916102	1901753	1902356	0.71	cps
Zinc	66-2	413661	421503	417268	417477	0.94	cps
Zirconium	90-1	6937059	6879719	6861928	6892902	0.57	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:49:51	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1511276	1485242	1492809	1496442	0.89	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:58:07	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	250	292	253	14.86	cps
Antimony	121-1	1108	1025	1275	1136	11.20	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	117	117	108	114	4.22	cps
Barium	137-1	142	208	175	175	19.05	cps
Beryllium	9-1	117	167	139	141	17.80	cps
Bismuth	209-1	9882652	9741959	9804091	9809567	0.72	cps
Bismuth	209-2	6067456	6123588	6140382	6110475	0.63	cps
Boron	10-1	758	967	792	839	13.34	cps
Boron	11-1	4226	4559	4342	4376	3.87	cps
Cadmium	111-1	2503	2355	2530	2463	3.83	cps
Cadmium	106-1	3567	3359	3617	3515	3.90	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	233	242	225	233	3.57	cps
Calcium	44-1	9795	8870	9370	9345	4.96	cps
Chromium	52-2	447	420	460	442	4.61	cps
Cobalt	59-2	73	103	57	78	30.41	cps
Copper	63-2	1057	1067	1097	1073	1.94	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	75	25	36	96.08	cps
Erbium	164-2	27	10	23	20	44.10	cps
Gadolinium	160-1	100	67	83	83	20.00	cps
Gadolinium	160-2	203	150	177	177	15.10	cps
Holmium	165-1	14897661	14803626	14913996	14871761	0.40	cps
Holmium	165-2	8137730	8231496	8206698	8191975	0.59	cps
Indium	115-1	11223850	11155668	11288794	11222771	0.59	cps
Indium	115-2	2597815	2635986	2634341	2622714	0.82	cps
Iron	56-2	7096	7285	7346	7243	1.80	cps
Iron	57-2	439	528	522	496	10.03	cps
Lead	206-1	822	717	728	756	7.68	cps
Lead	207-1	628	628	678	644	4.48	cps
Lead	208-1	3067	3122	2945	3045	2.99	cps
Lithium	6-1	2830867	2815356	2838341	2828188	0.41	cps
Magnesium	24-2	1067	758	917	914	16.87	cps
Manganese	55-2	90	67	103	87	21.42	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired ::	2018-05-10 14:58:07	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	483	417	492	16.17	cps
Molybdenum	95-1	417	392	383	397	4.37	cps
Molybdenum	96-1	425	442	433	433	1.92	cps
Molybdenum	97-1	292	283	308	294	4.32	cps
Molybdenum	98-1	550	550	525	542	2.67	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	107	107	60	91	29.57	cps
Phosphorus	31-2	333	250	283	289	14.52	cps
Potassium	39-2	44358	45195	44568	44707	0.97	cps
Rhodium	103-1	10598984	10529790	10653920	10594231	0.59	cps
Rhodium	103-2	5385931	5486558	5461208	5444566	0.96	cps
Scandium	45-1	7008564	6960273	7095438	7021425	0.98	cps
Scandium	45-2	368733	373625	376968	373109	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	98	102	87	96	8.06	cps
Selenium	82-1	3	-93	-30	-40	-121.08	cps
Silicon	28-1	322784	326890	327009	325561	0.74	cps
Silver	109-1	267	192	233	231	16.30	cps
Silver	107-1	333	475	383	397	18.09	cps
Sodium	23-2	38659	38066	37155	37960	2.00	cps
Strontium	86-1	658	775	733	722	8.19	cps
Strontium	88-1	225	225	217	222	2.16	cps
Sulfur	34-1	402109	409625	409728	407154	1.07	cps
Terbium	159-1	15280241	15136675	15236418	15217778	0.48	cps
Terbium	159-2	8005897	8120114	8137015	8087675	0.88	cps
Thallium	203-1	500	400	383	428	14.75	cps
Thallium	205-1	1100	1192	1083	1125	5.19	cps
Tin	118-1	833	725	867	808	9.16	cps
Titanium	47-1	92	142	133	122	21.92	cps
Uranium	238-1	92	117	117	108	13.32	cps
Vanadium	51-2	43	27	20	30	40.05	cps
Yttrium	89-1	11981985	11901196	12012741	11965307	0.48	cps
Yttrium	89-2	2006319	2032814	2037038	2025390	0.82	cps
Zinc	66-2	333	317	253	301	14.02	cps
Zirconium	90-1	950	867	858	892	5.68	cps

LB Number :	LB95280	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	183	208	186	11.27	cps