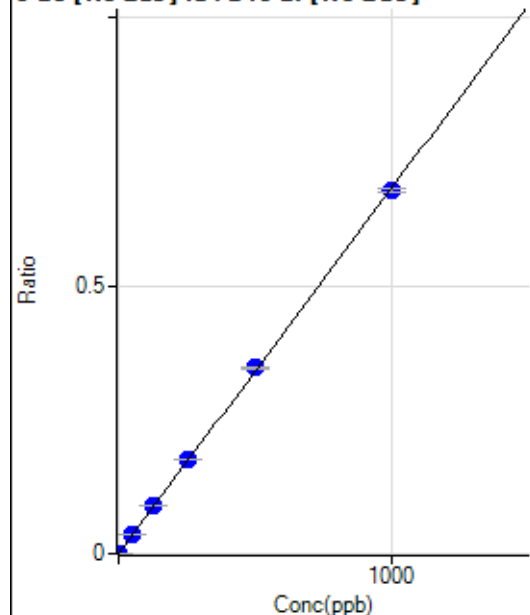


Batch Folder: D:\ICP-MS Data\P7061118-MS.b\
Analysis File: P7061118-MS.batch.bin
DA Date-Time: 2018-06-11 15:54:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-06-11 13:29:10
2			
3	005CALS.d	S02	2018-06-11 13:37:22
4	006CALS.d	S03	2018-06-11 13:41:15
5	007CALS.d	S04	2018-06-11 13:45:08
6	008CALS.d	S05	2018-06-11 13:48:57
7	009CALS.d	S06	2018-06-11 13:52:44
8	010CALS.d	S07	2018-06-11 13:56:29
9	011CALS.d	S08	2018-06-11 14:00:12

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.74	0.0000	P	20.8
2	☐	0.100					
3	☐	1.000	0.944	1129.70	0.0007	P	5.2
4	☐	50.000	51.577	59509.50	0.0352	P	1.1
5	☐	125.000	130.155	144796.45	0.0887	P	0.2
6	☐	250.000	256.359	265021.14	0.1748	P	0.6
7	☐	500.000	509.209	492080.10	0.3471	P	1.1
8	☐	1000.000	993.082	942407.51	0.6769	P	0.9
9	☐			788.93	0.0005	P	6.0

$$y = 6.8163\text{E-}004 * x + 2.4140\text{E-}005$$

$$R = 0.9999$$

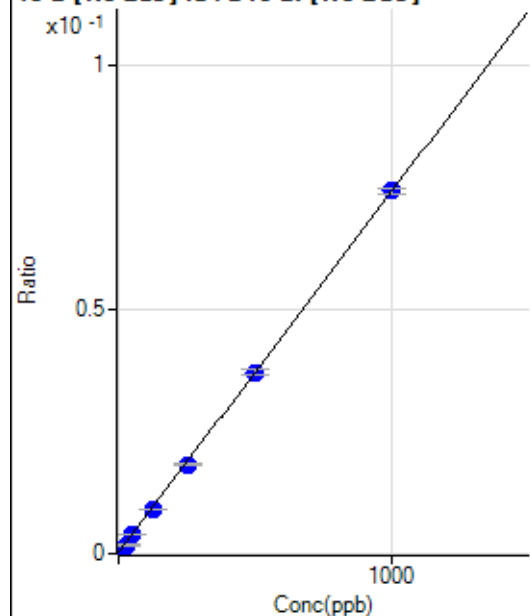
$$DL = 0.02213$$

$$BEC = 0.03542$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.02	0.0002	P	16.6
2	☐	2.500					
3	☐	25.000	20.481	2939.28	0.0017	P	4.4
4	☐	50.000	49.154	6526.68	0.0039	P	4.0
5	☐	125.000	119.085	14735.45	0.0090	P	3.0
6	☐	250.000	243.520	27651.13	0.0182	P	2.3
7	☐	500.000	499.381	52684.46	0.0372	P	2.9
8	☐	1000.000	1002.824	103598.20	0.0744	P	1.3
9	☐			5059.37	0.0035	P	8.1

$$y = 7.3982\text{E-}005 * x + 2.2217\text{E-}004$$

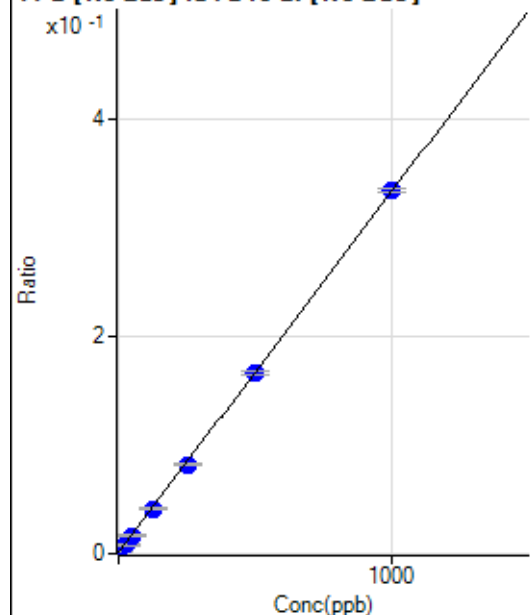
$$R = 1.0000$$

$$DL = 1.497$$

$$BEC = 3.003$$

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	1727.94	0.0010	P	4.6
2	☐	2.500					
3	☐	25.000	21.240	13645.56	0.0081	P	5.8
4	☐	50.000	47.519	28382.97	0.0168	P	1.1
5	☐	125.000	122.023	67671.44	0.0415	P	3.3
6	☐	250.000	243.464	123951.89	0.0817	P	1.6
7	☐	500.000	499.156	236068.33	0.1665	P	1.5
8	☐	1000.000	1002.646	464254.87	0.3335	P	1.0
9	☐			22840.37	0.0156	P	9.4

$$y = 3.3156E-004 * x + 0.0010$$

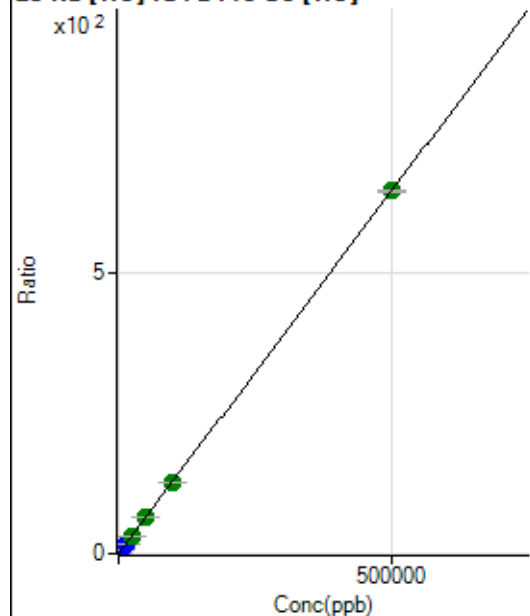
$$R = 1.0000$$

$$DL = 0.4257$$

$$BEC = 3.087$$

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	6623.95	0.0301	P	2.2
2	☐	50.000					
3	☐	500.000	445.232	134329.66	0.6050	P	0.9
4	☐	5000.000	4930.019	1406203.90	6.3956	P	0.4
5	☐	12500.000	12420.455	3451083.85	16.0671	P	1.0
6	☐	25000.000	24973.095	6408498.19	32.2748	A	1.1
7	☐	50000.000	50373.439	12540387.78	65.0711	A	0.7
8	☐	100000.00	98979.549	24490601.42	127.8301	A	0.5
9	☐	500000.00	500170.83	127644488.9	645.8388	A	0.5

$$y = 0.0013 * x + 0.0301$$

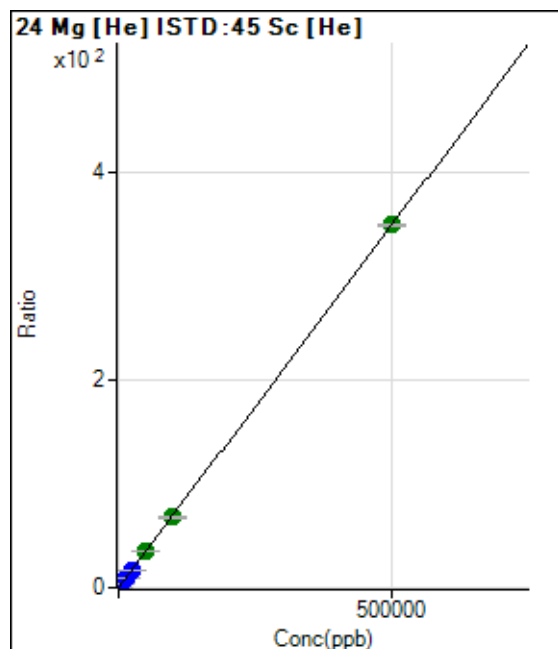
$$R = 1.0000$$

$$DL = 1.569$$

$$BEC = 23.31$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.38	0.0031	P	7.0
2	☐	50.000					
3	☐	500.000	436.512	68208.53	0.3072	P	1.2
4	☐	5000.000	4817.311	738525.96	3.3589	P	0.3
5	☐	12500.000	12080.499	1808197.44	8.4186	P	1.3
6	☐	25000.000	24687.943	3415472.43	17.2012	P	1.5
7	☐	50000.000	49497.250	6645561.00	34.4838	A	1.0
8	☐	100000.00	96962.055	12941490.31	67.5487	A	0.6
9	☐	500000.00	500685.84	68935230.71	348.7903	A	0.6

$$y = 6.9662\text{E-}004 * x + 0.0031$$

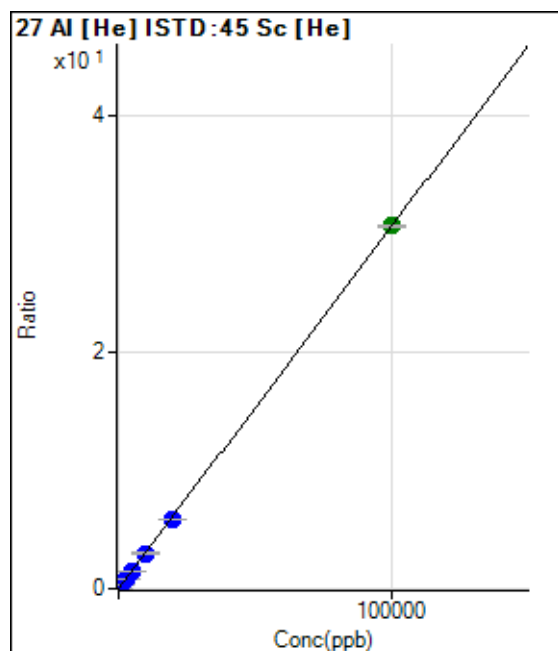
$$R = 1.0000$$

$$DL = 0.9313$$

$$BEC = 4.456$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	42.5
2	☐	2.000					
3	☐	20.000	16.852	1169.54	0.0053	P	8.8
4	☐	1000.000	970.586	65427.24	0.2976	P	0.7
5	☐	2500.000	2434.681	160296.46	0.7463	P	1.1
6	☐	5000.000	4882.327	297138.29	1.4965	P	1.2
7	☐	10000.000	9817.716	579898.86	3.0091	P	0.6
8	☐	20000.000	19270.006	1131526.78	5.9061	P	0.5
9	☐	100000.00	100172.03	6067840.07	30.7013	A	0.6

$$y = 3.0648\text{E-}004 * x + 1.0077\text{E-}004$$

$$R = 1.0000$$

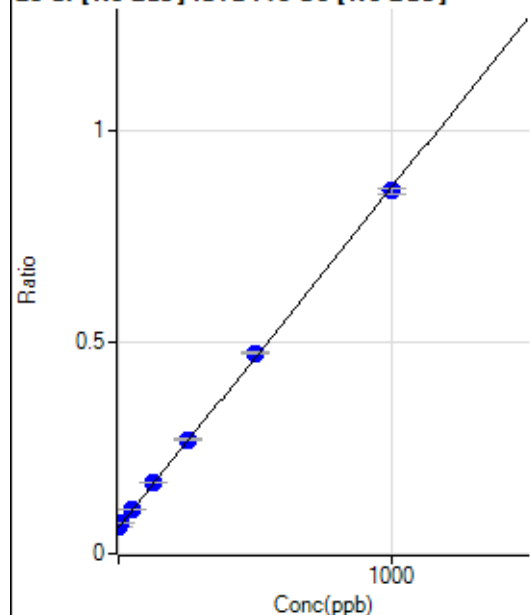
$$DL = 0.4187$$

$$BEC = 0.3288$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278363.22	0.0619	P	1.9
2	☐	1.000					
3	☐	10.000	13.599	327619.62	0.0728	P	0.5
4	☐	50.000	52.664	464419.69	0.1042	P	0.2
5	☐	125.000	131.946	729346.51	0.1678	P	0.2
6	☐	250.000	258.719	1070390.70	0.2694	P	0.7
7	☐	500.000	513.013	1756237.30	0.4734	P	1.2
8	☐	1000.000	990.276	3122737.46	0.8562	P	1.6
9	☐			310262.17	0.0813	P	1.1

$$y = 8.0201\text{E-}004 * x + 0.0619$$

$$R = 0.9998$$

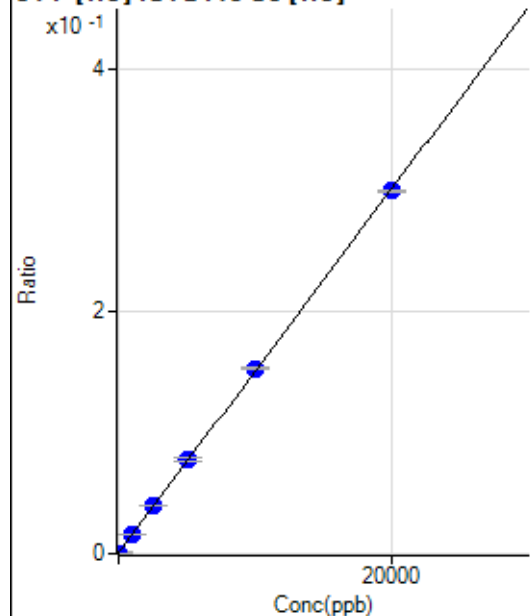
$$DL = 4.49$$

$$BEC = 77.23$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.935	158.34	0.0007	P	24.8
2	☐	0.000					
3	☐	0.000	-1.935	147.23	0.0007	P	33.6
4	☐	1000.000	1004.217	3470.00	0.0158	P	5.9
5	☐	2500.000	2565.232	8430.55	0.0392	P	1.5
6	☐	5000.000	5099.988	15358.53	0.0773	P	3.8
7	☐	10000.000	10126.389	29466.17	0.1529	P	0.7
8	☐	20000.000	19903.444	57444.81	0.2998	P	0.6
9	☐			250.01	0.0013	P	6.6

$$y = 1.5030\text{E-}005 * x + 6.9140\text{E-}004$$

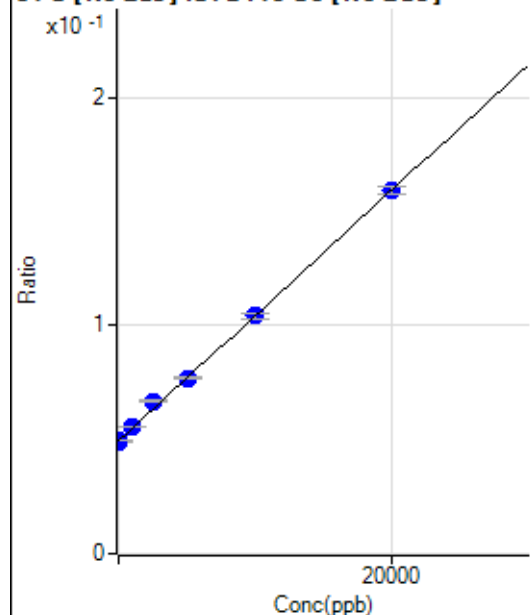
$$R = 1.0000$$

$$DL = 40.08$$

$$BEC = 46$$

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	-33.732	221764.36	0.0493	P	0.9
2	☐	0.000					
3	☐	0.000	33.732	223587.78	0.0497	P	0.4
4	☐	1000.000	1065.590	246939.55	0.0554	P	0.4
5	☐	2500.000	3185.859	291539.44	0.0671	P	1.0
6	☐	5000.000	5026.317	306655.11	0.0772	P	1.1
7	☐	10000.000	9950.849	386885.67	0.1043	P	1.8
8	☐	20000.000	19928.984	580605.20	0.1592	P	2.0
9	☐			185026.99	0.0485	P	0.7

$$y = 5.5024\text{E-}006 * x + 0.0495$$

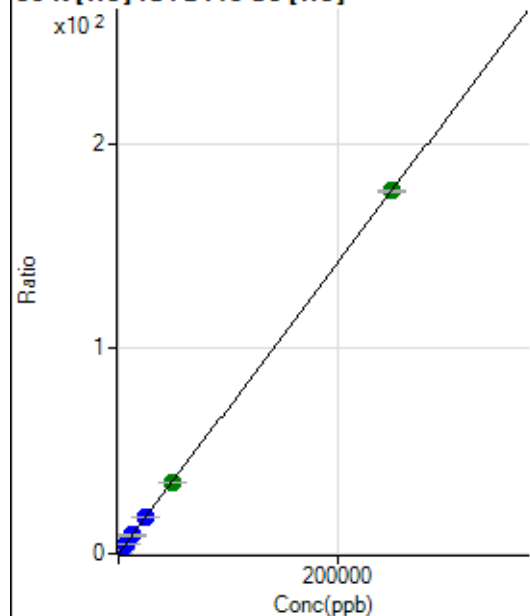
$$R = 0.9994$$

$$DL = 184.9$$

$$BEC = 9002$$

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	24721.39	0.1123	P	1.1
2	☐	50.000					
3	☐	500.000	451.872	95819.61	0.4315	P	0.7
4	☐	2500.000	2522.205	416425.17	1.8940	P	0.2
5	☐	6250.000	6252.162	972767.38	4.5287	P	0.9
6	☐	12500.000	12482.584	1773127.64	8.9297	P	0.7
7	☐	25000.000	25291.059	3464484.32	17.9773	P	0.8
8	☐	50000.000	49114.563	6668328.97	34.8056	A	0.7
9	☐	250000.00	250148.67	34945357.73	176.8110	A	0.4

$$y = 7.0637\text{E-}004 * x + 0.1123$$

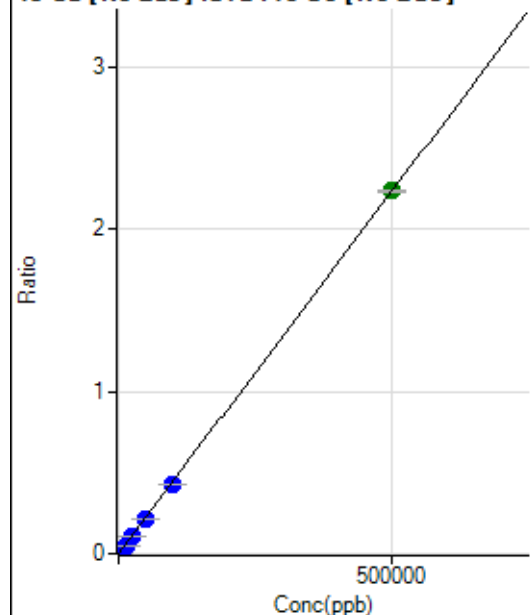
$$R = 1.0000$$

$$DL = 5.075$$

$$BEC = 159$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	7.0
2	☐	50.000					
3	☐	500.000	420.439	8541.68	0.0019	P	3.4
4	☐	5000.000	4727.865	94101.18	0.0211	P	0.8
5	☐	12500.000	11670.861	226389.24	0.0521	P	0.3
6	☐	25000.000	23768.375	421238.38	0.1060	P	0.3
7	☐	50000.000	47848.019	791779.20	0.2134	P	1.4
8	☐	100000.00	95178.246	1548367.24	0.4245	P	1.4
9	☐	500000.00	501264.66	8528799.41	2.2356	A	0.6

$$y = 4.4599\text{E-}006 * x + 2.4097\text{E-}005$$

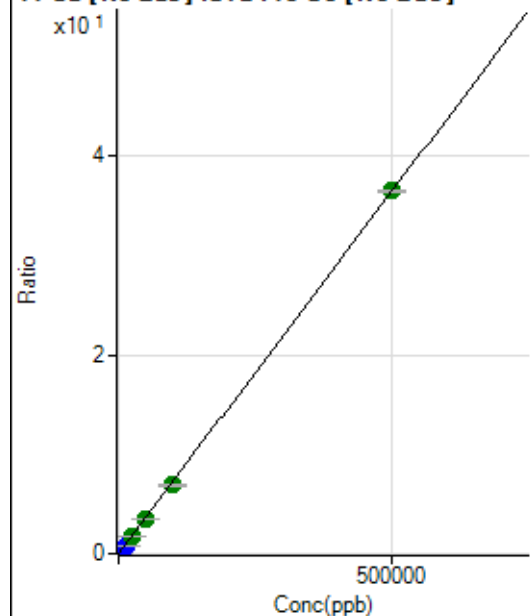
$$R = 0.9999$$

$$DL = 1.134$$

$$BEC = 5.403$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5187.27	0.0012	P	3.9
2	☐	50.000					
3	☐	500.000	413.227	140435.68	0.0312	P	1.3
4	☐	5000.000	4691.611	1527246.58	0.3426	P	0.1
5	☐	12500.000	11797.931	3737814.97	0.8598	P	0.3
6	☐	25000.000	23742.779	6869279.41	1.7291	A	0.4
7	☐	50000.000	47730.798	12891827.20	3.4749	A	1.1
8	☐	100000.00	94912.921	25198842.23	6.9087	A	1.5
9	☐	500000.00	501327.91	139194471.1	36.4864	A	0.7

$$y = 7.2777\text{E-}005 * x + 0.0012$$

$$R = 0.9999$$

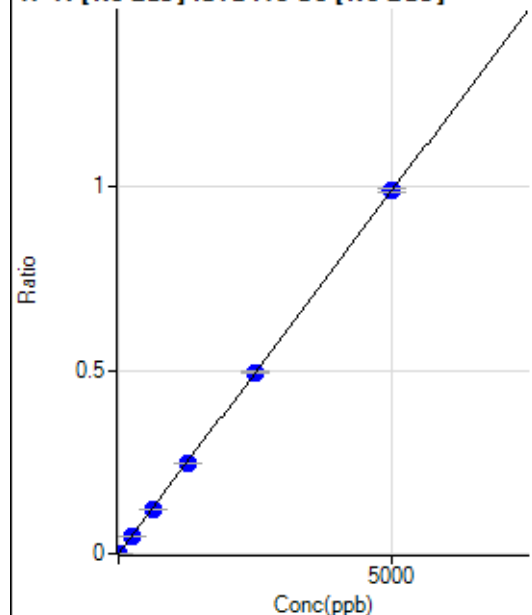
$$DL = 1.863$$

$$BEC = 15.86$$

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	63.89	0.0000	P	40.8
2	☐	0.500					
3	☐	5.000	4.610	4164.63	0.0009	P	6.3
4	☐	250.000	246.568	217507.68	0.0488	P	0.3
5	☐	625.000	612.618	526947.76	0.1212	P	0.6
6	☐	1250.000	1239.135	973965.76	0.2452	P	0.3
7	☐	2500.000	2502.542	1836771.03	0.4951	P	1.3
8	☐	5000.000	5003.165	3610290.49	0.9898	P	1.0
9	☐			2594.78	0.0007	P	6.7

$$y = 1.9783E-004 * x + 1.4249E-005$$

$$R = 1.0000$$

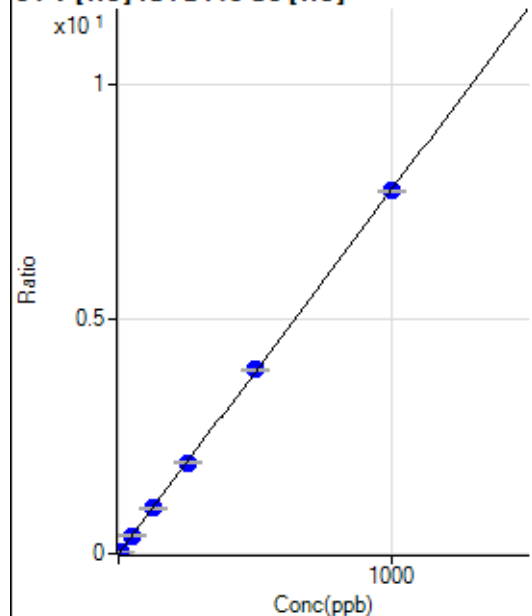
$$DL = 0.08815$$

$$BEC = 0.07203$$

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	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.547	7824.42	0.0352	P	1.2
4	☐	50.000	50.147	85423.41	0.3885	P	1.5
5	☐	125.000	124.317	206861.87	0.9631	P	1.4
6	☐	250.000	250.311	385050.01	1.9392	P	0.8
7	☐	500.000	504.955	753887.26	3.9119	P	0.8
8	☐	1000.000	997.525	1480563.43	7.7279	P	0.4
9	☐			828.93	0.0042	P	6.0

$$y = 0.0077 * x + 1.0112E-005$$

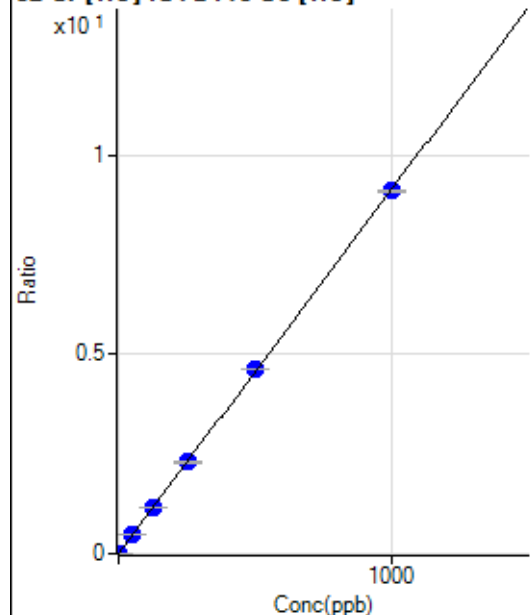
$$R = 1.0000$$

$$DL = 0.006782$$

$$BEC = 0.001305$$

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	207.78	0.0009	P	9.3
2	☐	0.200					
3	☐	2.000	1.987	4242.90	0.0191	P	1.7
4	☐	50.000	50.798	102330.73	0.4654	P	1.1
5	☐	125.000	125.199	246081.59	1.1457	P	1.3
6	☐	250.000	251.454	456719.24	2.3001	P	0.6
7	☐	500.000	506.226	892212.44	4.6297	P	0.6
8	☐	1000.000	996.459	1745757.18	9.1122	P	0.4
9	☐			83544.92	0.4227	P	1.2

$$y = 0.0091 * x + 9.4396E-004$$

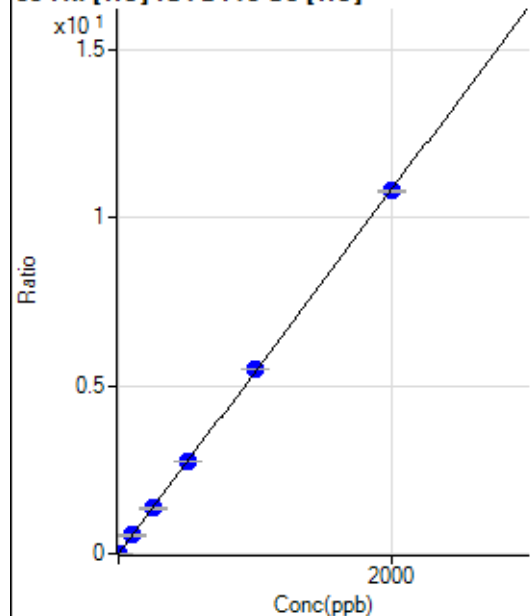
$$R = 1.0000$$

$$DL = 0.0289$$

$$BEC = 0.1032$$

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	32.22	0.0001	P	42.5
2	☐	0.100					
3	☐	1.000	0.982	1212.29	0.0055	P	7.4
4	☐	100.000	100.530	119599.71	0.5440	P	1.2
5	☐	250.000	249.553	289986.92	1.3501	P	1.1
6	☐	500.000	503.663	541013.19	2.7247	P	0.7
7	☐	1000.000	1012.067	1055087.00	5.4748	P	0.6
8	☐	2000.000	1993.080	2065596.15	10.7815	P	0.6
9	☐			11544.68	0.0584	P	1.5

$$y = 0.0054 * x + 1.4611E-004$$

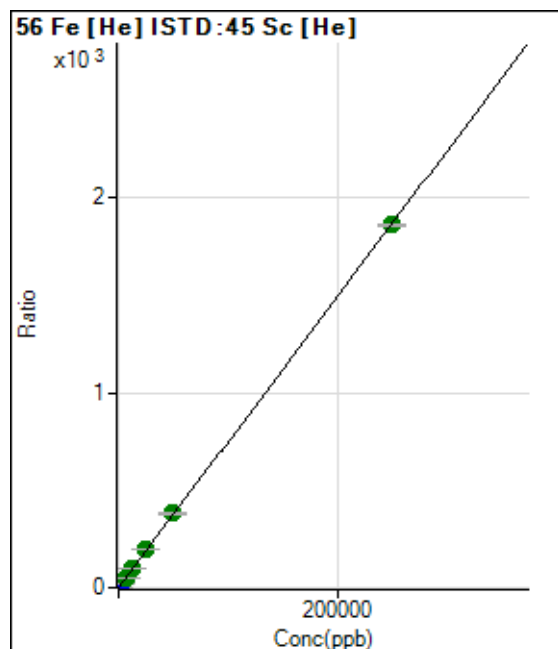
$$R = 1.0000$$

$$DL = 0.03443$$

$$BEC = 0.02701$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2522.51	0.0115	P	5.3
2	☐	5.000					
3	☐	50.000	47.570	81227.47	0.3658	P	0.8
4	☐	2500.000	2594.823	4252347.00	19.3404	P	0.3
5	☐	6250.000	6411.483	10260737.61	47.7708	A	1.2
6	☐	12500.000	12952.362	19159967.33	96.4941	A	0.8
7	☐	25000.000	26066.273	37422052.22	194.1801	A	0.5
8	☐	50000.000	50982.177	72760871.07	379.7797	A	0.7
9	☐	250000.00	249669.33	367577411.9	1,859.808	A	0.3

$$y = 0.0074 * x + 0.0115$$

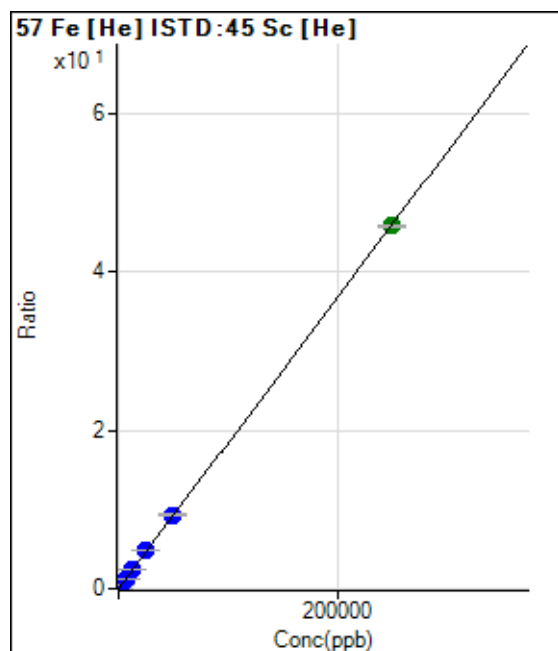
$$R = 1.0000$$

$$DL = 0.2466$$

$$BEC = 1.538$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	346.31	0.0016	P	18.0
2	☐	5.000					
3	☐	50.000	47.522	2287.28	0.0103	P	3.0
4	☐	2500.000	2597.087	105203.85	0.4785	P	0.5
5	☐	6250.000	6340.158	250420.87	1.1658	P	0.8
6	☐	12500.000	12920.184	471408.23	2.3742	P	0.8
7	☐	25000.000	26036.447	921708.17	4.7827	P	0.9
8	☐	50000.000	50866.835	1789867.50	9.3424	P	0.7
9	☐	250000.00	249698.75	9062849.39	45.8546	A	0.7

$$y = 1.8363E-004 * x + 0.0016$$

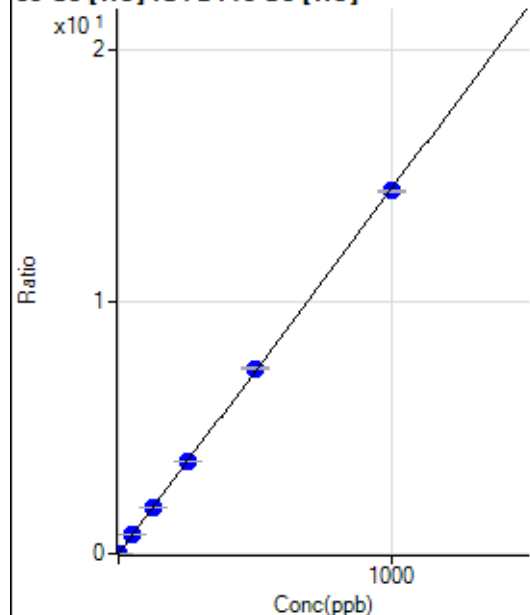
$$R = 1.0000$$

$$DL = 4.634$$

$$BEC = 8.578$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0003	P	23.0
2	☐	0.100					
3	☐	1.000	0.979	3207.07	0.0144	P	1.4
4	☐	50.000	51.320	163479.80	0.7435	P	0.8
5	☐	125.000	126.541	393699.24	1.8330	P	1.4
6	☐	250.000	254.131	730886.31	3.6809	P	0.7
7	☐	500.000	507.872	1417609.42	7.3560	P	0.7
8	☐	1000.000	994.772	2760348.92	14.4079	P	0.3
9	☐			5148.76	0.0261	P	1.7

$$y = 0.0145 * x + 2.5731E-004$$

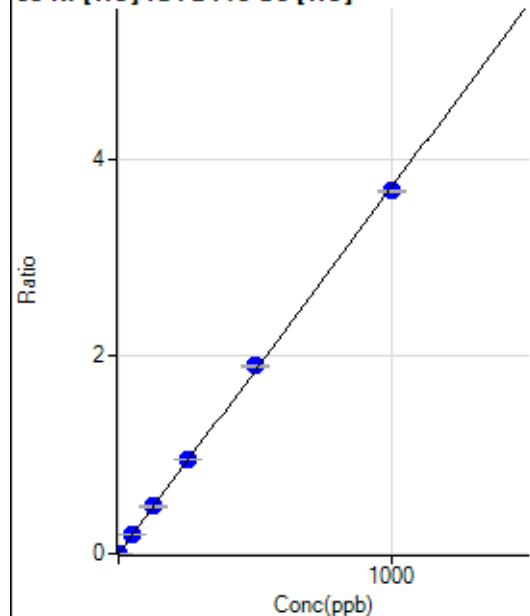
$$R = 0.9999$$

$$DL = 0.01226$$

$$BEC = 0.01777$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0006	P	30.8
2	☐	0.100					
3	☐	1.000	1.000	950.05	0.0043	P	6.6
4	☐	50.000	52.401	42854.84	0.1949	P	0.5
5	☐	125.000	128.793	102714.41	0.4782	P	1.4
6	☐	250.000	258.465	190445.77	0.9591	P	0.7
7	☐	500.000	513.460	367092.88	1.9048	P	0.8
8	☐	1000.000	990.560	703928.93	3.6742	P	0.8
9	☐			21183.32	0.1072	P	1.3

$$y = 0.0037 * x + 5.6960E-004$$

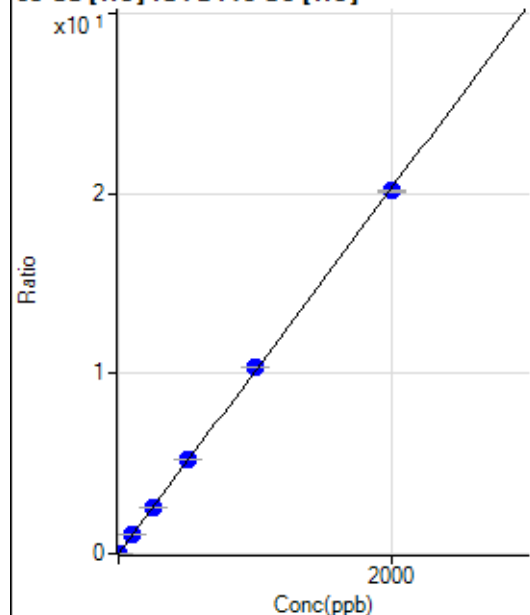
$$R = 0.9998$$

$$DL = 0.1421$$

$$BEC = 0.1536$$

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	444.46	0.0020	P	3.7
2	☐	0.200					
3	☐	2.000	1.911	4750.84	0.0214	P	1.3
4	☐	100.000	103.416	230951.09	1.0504	P	0.1
5	☐	250.000	254.481	554556.95	2.5818	P	0.8
6	☐	500.000	512.983	1032975.84	5.2023	P	0.8
7	☐	1000.000	1020.510	1994096.95	10.3474	P	0.7
8	☐	2000.000	1985.768	3857123.66	20.1326	P	0.3
9	☐			7860.01	0.0398	P	0.3

$$y = 0.0101 * x + 0.0020$$

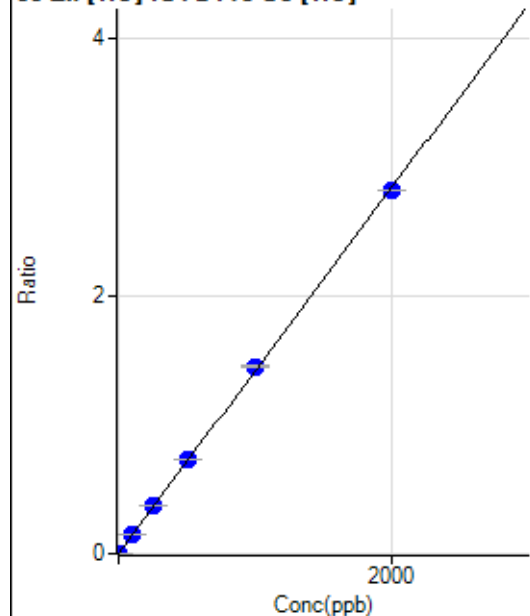
$$R = 0.9999$$

$$DL = 0.02193$$

$$BEC = 0.1992$$

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	248.90	0.0011	P	7.9
2	☐	0.200					
3	☐	2.000	2.020	886.71	0.0040	P	5.1
4	☐	100.000	104.349	32749.07	0.1489	P	0.7
5	☐	250.000	259.131	79092.74	0.3682	P	0.4
6	☐	500.000	514.321	144889.01	0.7297	P	1.0
7	☐	1000.000	1023.081	279516.50	1.4504	P	0.8
8	☐	2000.000	1983.520	538540.86	2.8110	P	0.0
9	☐			3097.05	0.0157	P	0.6

$$y = 0.0014 * x + 0.0011$$

$$R = 0.9999$$

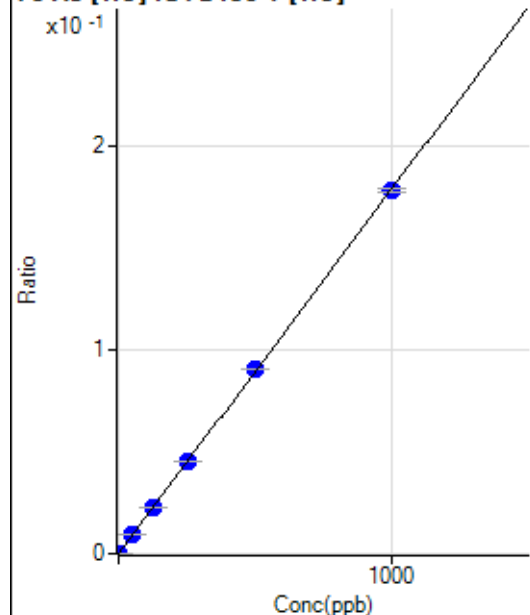
$$DL = 0.1885$$

$$BEC = 0.7983$$

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	2.47	0.0000	P	43.3
2	☐	0.100					
3	☐	1.000	0.929	220.99	0.0002	P	3.5
4	☐	50.000	51.319	11885.16	0.0092	P	1.7
5	☐	125.000	127.538	28970.19	0.0228	P	1.5
6	☐	250.000	253.751	53554.25	0.0454	P	1.1
7	☐	500.000	505.797	104154.39	0.0906	P	0.5
8	☐	1000.000	995.781	204199.28	0.1783	P	0.9
9	☐			123.46	0.0001	P	5.1

$$y = 1.7907\text{E-}004 * x + 1.8895\text{E-}006$$

$$R = 1.0000$$

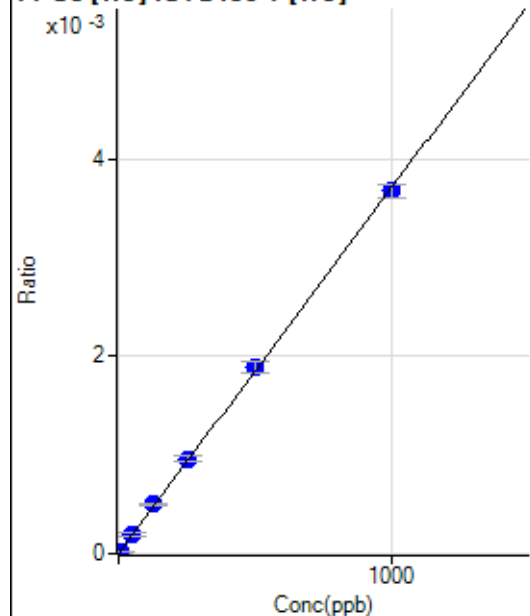
$$DL = 0.0137$$

$$BEC = 0.01055$$

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	☐	0.500					
3	☐	5.000	3.876	20.00	0.0000	P	33.6
4	☐	50.000	51.433	247.78	0.0002	P	17.9
5	☐	125.000	133.894	631.14	0.0005	P	2.1
6	☐	250.000	258.337	1130.06	0.0010	P	6.0
7	☐	500.000	509.706	2174.65	0.0019	P	6.8
8	☐	1000.000	991.885	4214.02	0.0037	P	3.5
9	☐			2.22	0.0000	P	86.6

$$y = 3.7093\text{E-}006 * x + 8.5648\text{E-}007$$

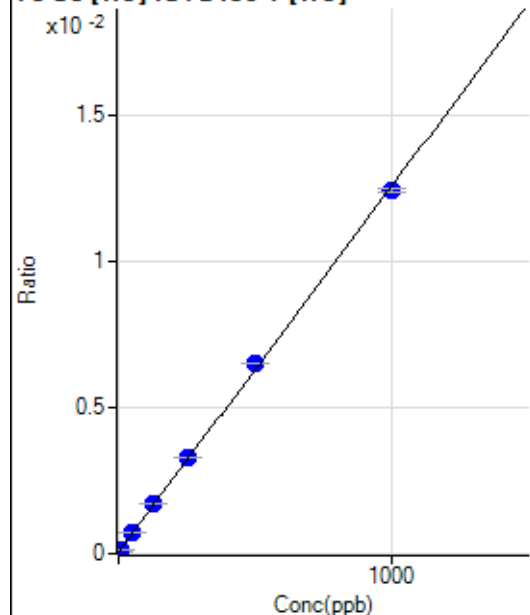
$$R = 0.9999$$

$$DL = 1.2$$

$$BEC = 0.2309$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.99	0.0001	P	22.3
2	☐	0.500					
3	☐	5.000	4.965	153.09	0.0001	P	17.2
4	☐	50.000	52.519	919.79	0.0007	P	2.4
5	☐	125.000	132.208	2166.23	0.0017	P	2.6
6	☐	250.000	259.472	3888.83	0.0033	P	1.2
7	☐	500.000	517.300	7503.24	0.0065	P	0.5
8	☐	1000.000	987.955	14213.22	0.0124	P	1.2
9	☐			59.88	0.0001	P	4.4

$$y = 1.2508\text{E-}005 * x + 5.4392\text{E-}005$$

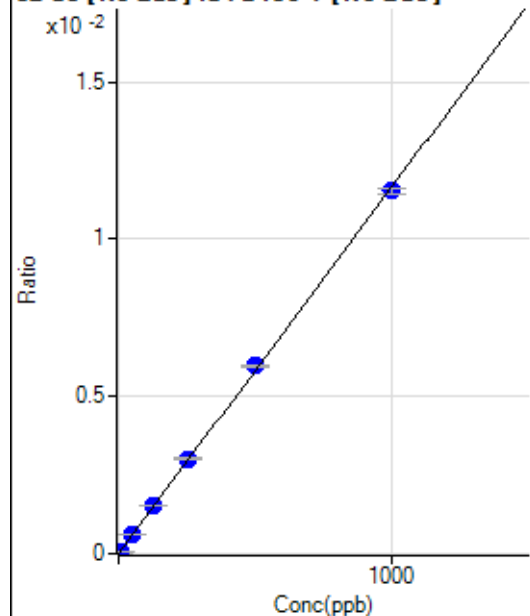
$$R = 0.9997$$

$$DL = 2.905$$

$$BEC = 4.349$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.74	0.0000	P	105.
2	☐	0.500					
3	☐	5.000	4.583	462.86	0.0001	P	13.4
4	☐	50.000	51.591	4815.94	0.0006	P	0.7
5	☐	125.000	130.257	11928.47	0.0015	P	0.4
6	☐	250.000	258.911	22239.40	0.0030	P	1.4
7	☐	500.000	512.948	42133.43	0.0060	P	1.3
8	☐	1000.000	990.564	80860.33	0.0115	P	1.5
9	☐			105.31	0.0000	P	54.3

$$y = 1.1644\text{E-}005 * x + 4.7360\text{E-}006$$

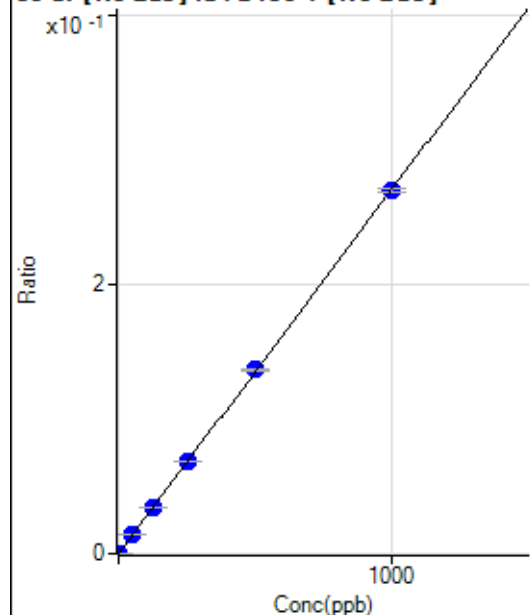
$$R = 0.9998$$

$$DL = 1.291$$

$$BEC = 0.4067$$

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	450.02	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.908	2403.08	0.0003	P	3.0
4	☐	50.000	50.533	108991.73	0.0137	P	0.3
5	☐	125.000	125.274	265661.80	0.0339	P	0.4
6	☐	250.000	252.178	501962.51	0.0682	P	0.5
7	☐	500.000	504.625	960933.54	0.1363	P	1.1
8	☐	1000.000	997.082	1887276.78	0.2693	P	1.2
9	☐			66856.26	0.0096	P	3.1

$$y = 2.7005\text{E-}004 * x + 5.6463\text{E-}005$$

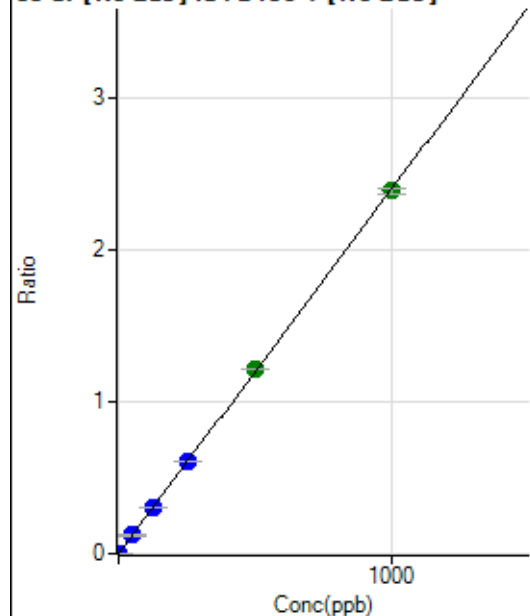
$$R = 1.0000$$

$$DL = 0.05579$$

$$BEC = 0.2091$$

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	91.67	0.0000	P	23.7
2	☐	0.100					
3	☐	1.000	0.924	17753.29	0.0022	P	1.9
4	☐	50.000	50.152	957299.01	0.1204	P	1.0
5	☐	125.000	125.074	2353166.07	0.3002	P	0.1
6	☐	250.000	254.709	4501790.94	0.6112	P	0.3
7	☐	500.000	506.555	8568372.16	1.2156	A	1.0
8	☐	1000.000	995.528	16741204.72	2.3890	A	1.4
9	☐			589668.86	0.0848	P	1.5

$$y = 0.0024 * x + 1.1503\text{E-}005$$

$$R = 1.0000$$

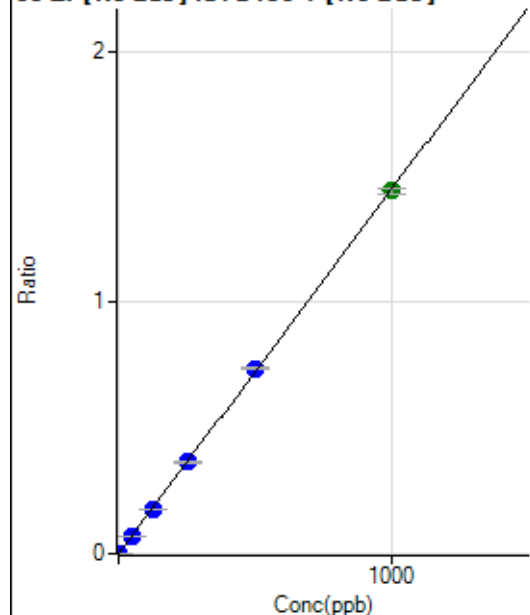
$$DL = 0.003402$$

$$BEC = 0.004793$$

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	558.37	0.0001	P	13.9
2	☐	0.100					
3	☐	1.000	0.926	11271.53	0.0014	P	2.1
4	☐	50.000	49.028	566464.93	0.0712	P	0.3
5	☐	125.000	122.779	1397429.38	0.1782	P	0.4
6	☐	250.000	251.041	2683655.01	0.3644	P	0.7
7	☐	500.000	508.218	5199017.48	0.7376	P	0.9
8	☐	1000.000	995.957	10128626.96	1.4454	A	1.5
9	☐			4487.01	0.0006	P	3.9

$$y = 0.0015 * x + 7.0142E-005$$

$$R = 0.9999$$

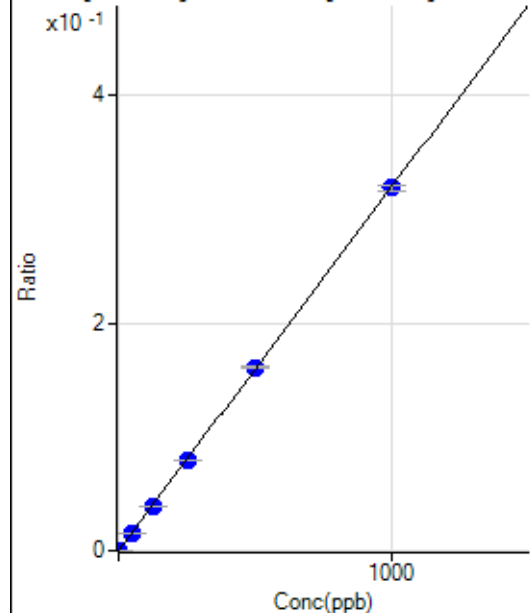
$$DL = 0.02023$$

$$BEC = 0.04833$$

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	113.89	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.989	2630.91	0.0003	P	5.6
4	☐	50.000	49.868	126793.60	0.0159	P	0.5
5	☐	125.000	123.230	308650.43	0.0394	P	0.6
6	☐	250.000	250.329	588913.98	0.0800	P	0.6
7	☐	500.000	504.899	1136713.20	0.1613	P	0.5
8	☐	1000.000	997.696	2232928.22	0.3186	P	1.6
9	☐			997.31	0.0001	P	12.5

$$y = 3.1937E-004 * x + 1.4319E-005$$

$$R = 1.0000$$

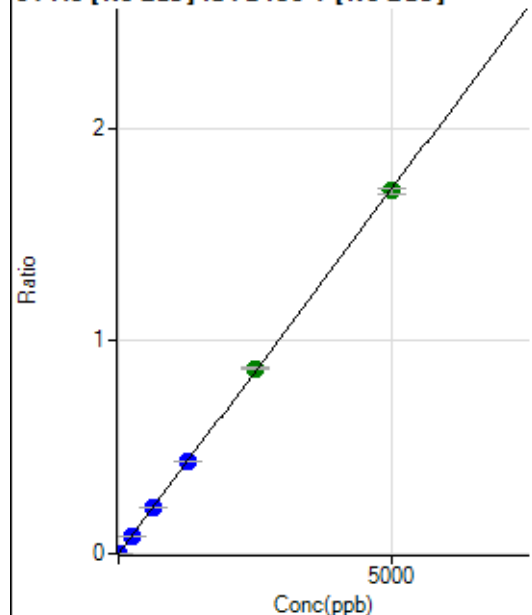
$$DL = 0.03568$$

$$BEC = 0.04483$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	8.3
2	☐	0.500					
3	☐	5.000	4.631	12886.89	0.0016	P	3.0
4	☐	250.000	249.374	680625.45	0.0856	P	0.8
5	☐	625.000	623.229	1676297.54	0.2138	P	0.1
6	☐	1250.000	1272.845	3216027.98	0.4367	P	0.5
7	☐	2500.000	2536.919	6134373.40	0.8703	A	0.9
8	☐	5000.000	4976.082	11962113.90	1.7070	A	1.2
9	☐			17110.85	0.0025	P	1.8

$$y = 3.4303E-004 * x + 2.8607E-005$$

$$R = 0.9999$$

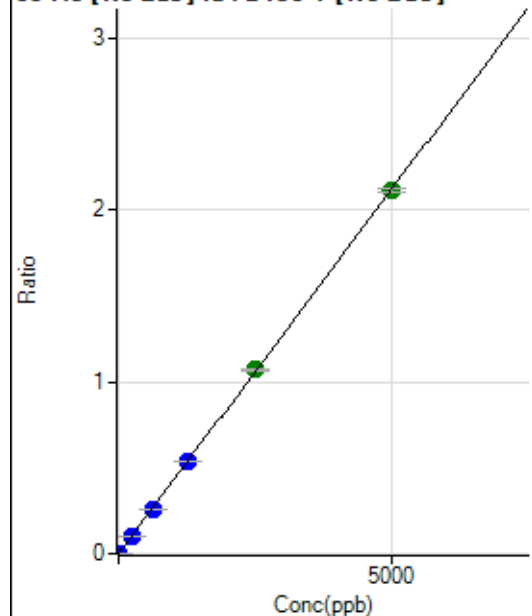
$$DL = 0.02084$$

$$BEC = 0.0834$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	44.4
2	☐	0.500					
3	☐	5.000	4.505	15211.42	0.0019	P	2.9
4	☐	250.000	248.391	836560.58	0.1052	P	0.5
5	☐	625.000	620.329	2059272.73	0.2627	P	0.0
6	☐	1250.000	1265.778	3947532.68	0.5360	P	0.8
7	☐	2500.000	2530.769	7553374.91	1.0716	A	0.8
8	☐	5000.000	4981.336	14780930.54	2.1092	A	1.2
9	☐			27855.69	0.0040	P	2.0

$$y = 4.2343E-004 * x + 1.3988E-006$$

$$R = 1.0000$$

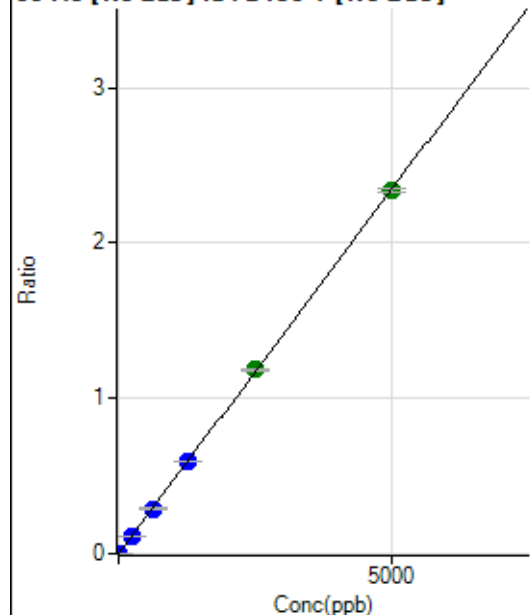
$$DL = 0.004404$$

$$BEC = 0.003303$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	21.4
2	☐	0.500					
3	☐	5.000	4.609	17249.99	0.0022	P	3.8
4	☐	250.000	247.933	923800.34	0.1161	P	0.7
5	☐	625.000	620.633	2279363.01	0.2907	P	0.5
6	☐	1250.000	1269.066	4378410.82	0.5945	P	0.5
7	☐	2500.000	2525.708	8339652.36	1.1832	A	1.1
8	☐	5000.000	4983.029	16357944.81	2.3343	A	1.2
9	☐			33250.81	0.0048	P	0.7

$$y = 4.6844\text{E-}004 * x + 5.9370\text{E-}006$$

$$R = 1.0000$$

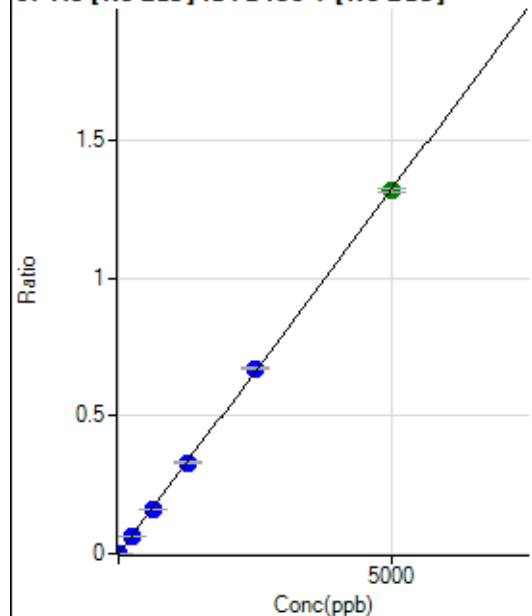
$$DL = 0.008155$$

$$BEC = 0.01267$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	56.8
2	☐	0.500					
3	☐	5.000	4.497	9498.04	0.0012	P	2.6
4	☐	250.000	246.531	518512.76	0.0652	P	0.9
5	☐	625.000	614.461	1273827.84	0.1625	P	0.4
6	☐	1250.000	1254.045	2442270.22	0.3316	P	0.7
7	☐	2500.000	2537.883	4730244.51	0.6711	P	1.1
8	☐	5000.000	4981.539	9230966.87	1.3173	A	1.2
9	☐			17174.93	0.0025	P	4.7

$$y = 2.6443\text{E-}004 * x + 2.7797\text{E-}006$$

$$R = 1.0000$$

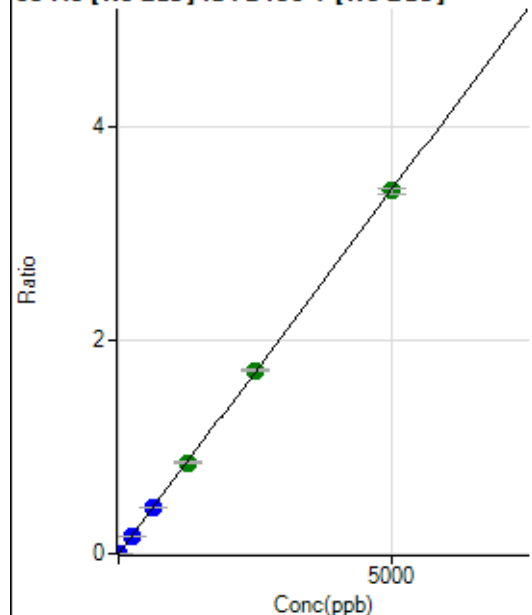
$$DL = 0.01792$$

$$BEC = 0.01051$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.6
2	☐	0.500					
3	☐	5.000	4.511	24460.70	0.0031	P	0.7
4	☐	250.000	248.249	1342980.91	0.1688	P	0.5
5	☐	625.000	622.542	3319580.02	0.4234	P	0.1
6	☐	1250.000	1255.102	6287244.59	0.8537	A	0.8
7	☐	2500.000	2521.125	12086817.72	1.7147	A	0.9
8	☐	5000.000	4988.557	23777151.75	3.3930	A	1.3
9	☐			44080.23	0.0063	P	1.5

$$y = 6.8015\text{E-}004 * x + 1.7339\text{E-}006$$

$$R = 1.0000$$

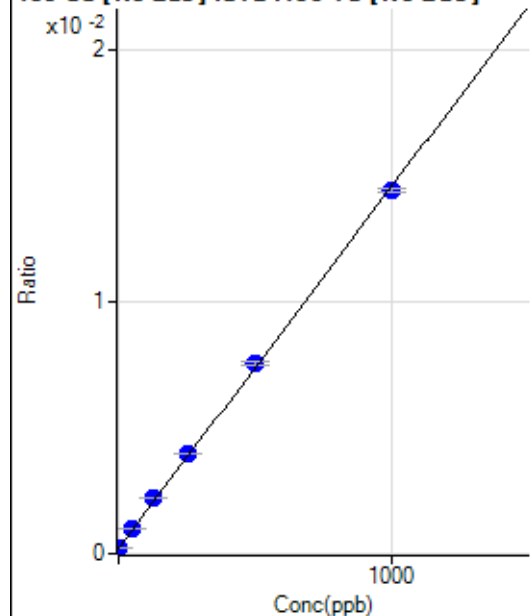
$$DL = 0.007009$$

$$BEC = 0.002549$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2305.85	0.0002	P	3.7
2	☐	0.100					
3	☐	1.000	0.551	2375.30	0.0002	P	8.5
4	☐	50.000	53.832	10687.76	0.0010	P	2.9
5	☐	125.000	139.641	23940.49	0.0022	P	1.8
6	☐	250.000	262.716	41988.01	0.0040	P	0.2
7	☐	500.000	512.084	78422.19	0.0076	P	1.6
8	☐	1000.000	988.757	148345.78	0.0144	P	1.0
9	☐			1880.76	0.0002	P	3.1

$$y = 1.4346\text{E-}005 * x + 2.1334\text{E-}004$$

$$R = 0.9997$$

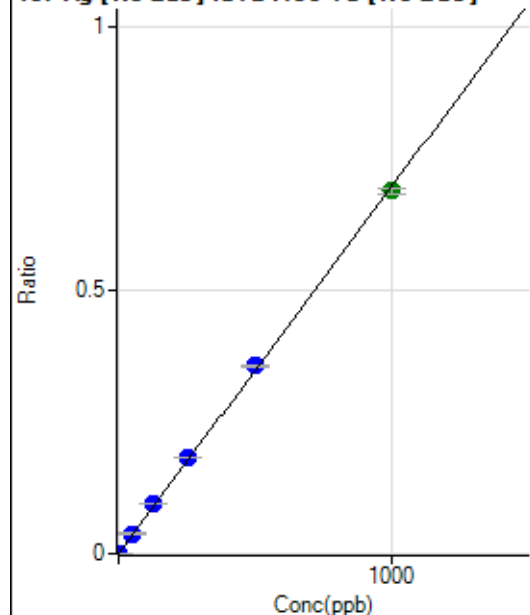
$$DL = 1.66$$

$$BEC = 14.87$$

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	41.67	0.0000	P	33.7
2	☐	0.100					
3	☐	1.000	1.016	7621.81	0.0007	P	3.7
4	☐	50.000	54.923	414077.18	0.0382	P	1.3
5	☐	125.000	135.462	1017060.02	0.0942	P	0.4
6	☐	250.000	262.406	1923306.88	0.1824	P	0.9
7	☐	500.000	512.975	3699097.91	0.3566	P	1.2
8	☐	1000.000	988.857	7082039.39	0.6874	A	1.4
9	☐			1600.17	0.0002	P	5.8

$$y = 6.9511\text{E-}004 * x + 3.8485\text{E-}006$$

$$R = 0.9998$$

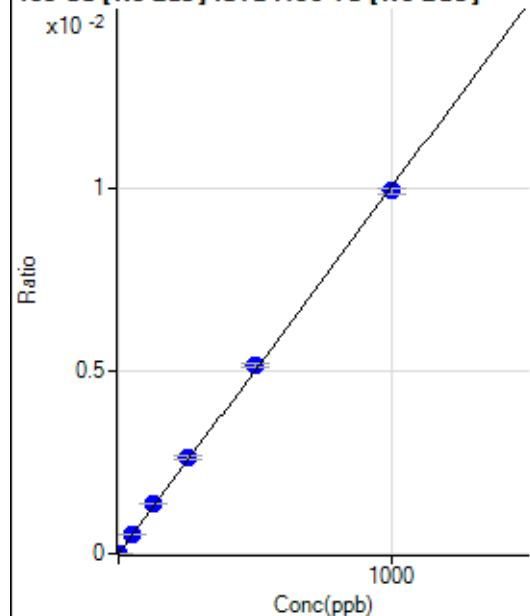
$$DL = 0.005598$$

$$BEC = 0.005536$$

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	42.7
2	☐	0.100					
3	☐	1.000	1.094	123.61	0.0000	P	25.2
4	☐	50.000	53.552	5843.00	0.0005	P	3.1
5	☐	125.000	137.307	14915.06	0.0014	P	1.5
6	☐	250.000	262.040	27780.20	0.0026	P	2.6
7	☐	500.000	512.434	53442.22	0.0052	P	2.0
8	☐	1000.000	989.057	102440.26	0.0099	P	1.9
9	☐			34.72	0.0000	P	29.5

$$y = 1.0052\text{E-}005 * x + 5.1356\text{E-}007$$

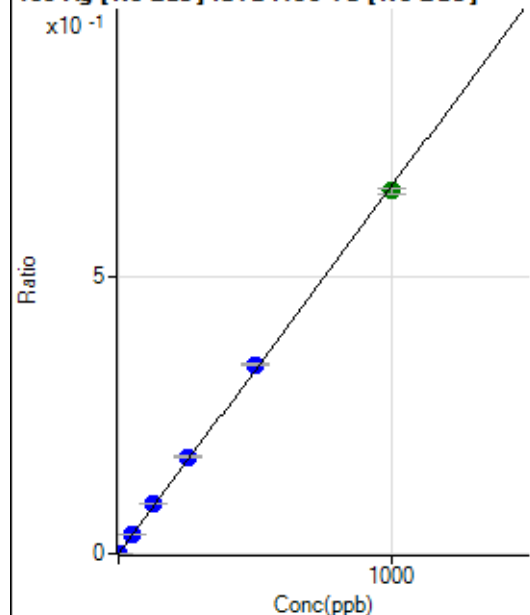
$$R = 0.9998$$

$$DL = 0.06547$$

$$BEC = 0.05109$$

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	50.00	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	1.020	7302.19	0.0007	P	1.4
4	☐	50.000	54.741	393417.71	0.0363	P	0.7
5	☐	125.000	135.119	967002.22	0.0895	P	0.7
6	☐	250.000	264.075	1844968.55	0.1750	P	0.6
7	☐	500.000	514.743	3538170.13	0.3411	P	1.1
8	☐	1000.000	987.608	6742138.17	0.6544	A	1.3
9	☐			1355.68	0.0001	P	11.0

$$y = 6.6258\text{E-}004 * x + 4.6288\text{E-}006$$

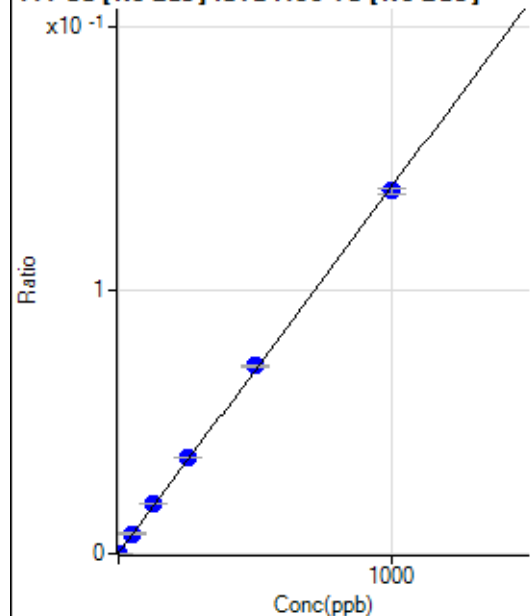
$$R = 0.9997$$

$$DL = 0.003524$$

$$BEC = 0.006986$$

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	1610.21	0.0001	P	3.6
2	☐	0.100					
3	☐	1.000	0.964	3037.40	0.0003	P	4.8
4	☐	50.000	53.969	82932.96	0.0076	P	1.1
5	☐	125.000	134.803	203881.75	0.0189	P	1.4
6	☐	250.000	262.035	385433.35	0.0366	P	1.1
7	☐	500.000	512.983	740899.23	0.0714	P	1.0
8	☐	1000.000	989.076	1417307.27	0.1376	P	1.6
9	☐			1715.85	0.0002	P	4.0

$$y = 1.3893\text{E-}004 * x + 1.4898\text{E-}004$$

$$R = 0.9998$$

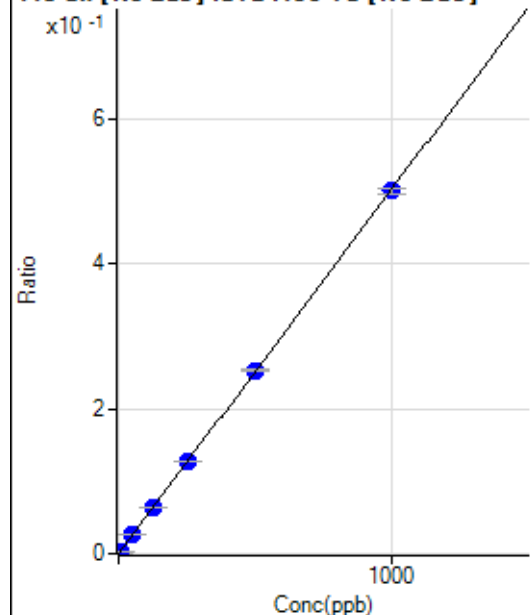
$$DL = 0.1167$$

$$BEC = 1.072$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	761.16	0.0001	P	15.3
2	☐	0.500					
3	☐	5.000	4.825	26742.81	0.0025	P	1.4
4	☐	50.000	51.837	282876.04	0.0261	P	0.6
5	☐	125.000	128.215	695624.13	0.0644	P	0.8
6	☐	250.000	255.128	1350580.23	0.1281	P	0.5
7	☐	500.000	503.953	2624008.17	0.2529	P	1.3
8	☐	1000.000	996.249	5151233.80	0.5000	P	1.4
9	☐			14966.84	0.0015	P	1.3

$$y = 5.0178\text{E-}004 * x + 7.0342\text{E-}005$$

$$R = 1.0000$$

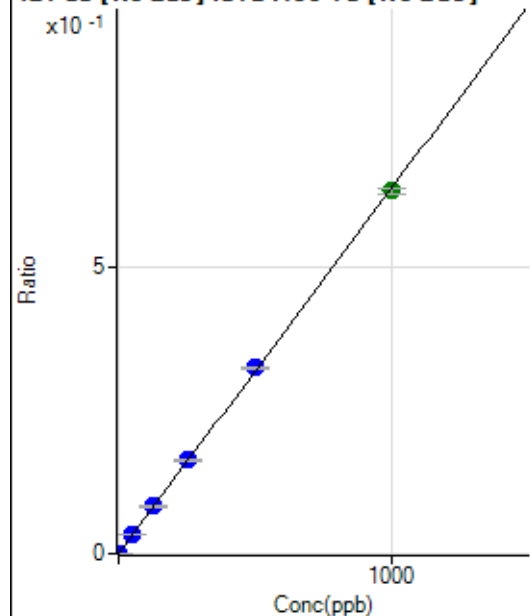
$$DL = 0.06445$$

$$BEC = 0.1402$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	34.2
2	☐	0.200					
3	☐	2.000	1.879	12895.31	0.0012	P	2.7
4	☐	50.000	51.513	356272.45	0.0329	P	1.2
5	☐	125.000	128.960	888175.74	0.0822	P	0.8
6	☐	250.000	256.389	1723850.95	0.1635	P	1.0
7	☐	500.000	509.443	3370061.36	0.3248	P	0.7
8	☐	1000.000	993.111	6524535.43	0.6333	A	1.4
9	☐			7677.36	0.0008	P	3.8

$$y = 6.3765\text{E-}004 * x + 3.3329\text{E-}006$$

$$R = 0.9999$$

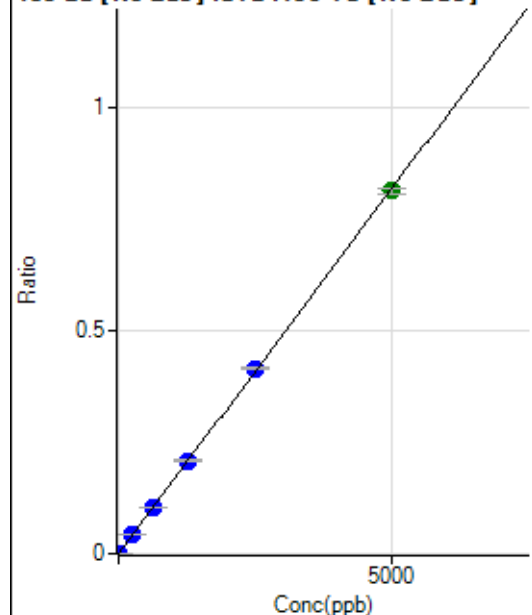
$$DL = 0.005362$$

$$BEC = 0.005227$$

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	22.22	0.0000	P	113.
2	☐	1.000					
3	☐	10.000	9.516	16691.21	0.0016	P	3.4
4	☐	250.000	254.811	451055.38	0.0416	P	0.8
5	☐	625.000	633.704	1117152.21	0.1034	P	0.4
6	☐	1250.000	1270.773	2186895.99	0.2074	P	1.5
7	☐	2500.000	2538.095	4297473.66	0.4142	P	0.9
8	☐	5000.000	4974.432	8364951.75	0.8119	A	1.5
9	☐			3678.43	0.0004	P	3.9

$$y = 1.6321\text{E-}004 * x + 2.0493\text{E-}006$$

$$R = 0.9999$$

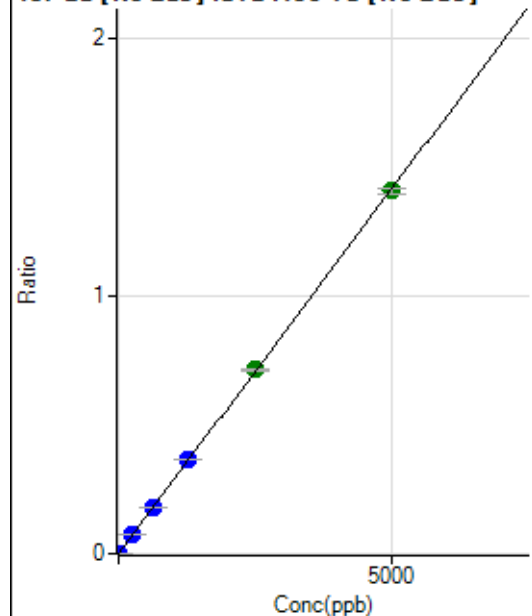
$$DL = 0.0428$$

$$BEC = 0.01256$$

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	25.00	0.0000	P	89.5
2	☐	1.000					
3	☐	10.000	9.477	28841.99	0.0027	P	3.1
4	☐	250.000	256.215	787062.62	0.0726	P	1.1
5	☐	625.000	640.474	1959402.26	0.1814	P	0.2
6	☐	1250.000	1288.285	3847466.54	0.3649	P	1.1
7	☐	2500.000	2523.897	7416089.14	0.7149	A	1.1
8	☐	5000.000	4976.236	14521841.12	1.4095	A	1.5
9	☐			6610.20	0.0007	P	5.0

$$y = 2.8324\text{E-}004 * x + 2.3307\text{E-}006$$

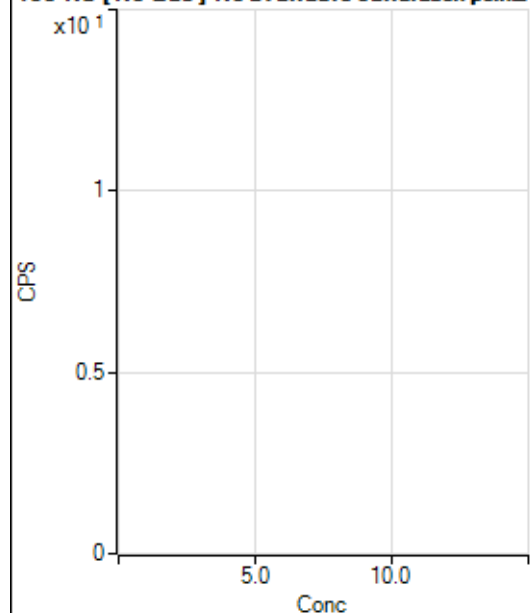
$$R = 0.9999$$

$$DL = 0.02208$$

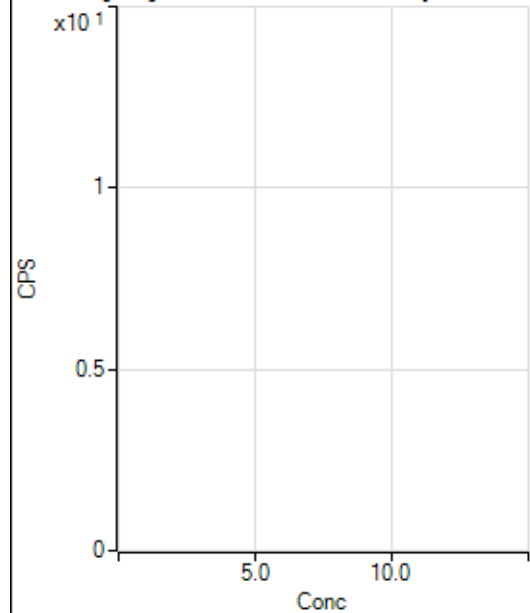
$$BEC = 0.008229$$

Weight: <None>

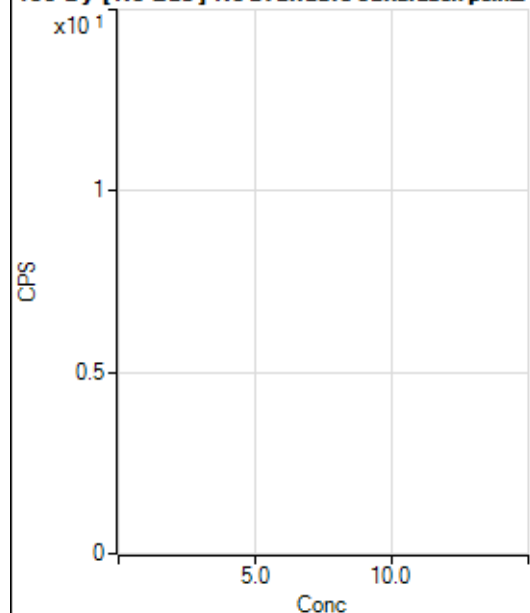
Min Conc: 0

150 Nd [No Gas] No available calibration points

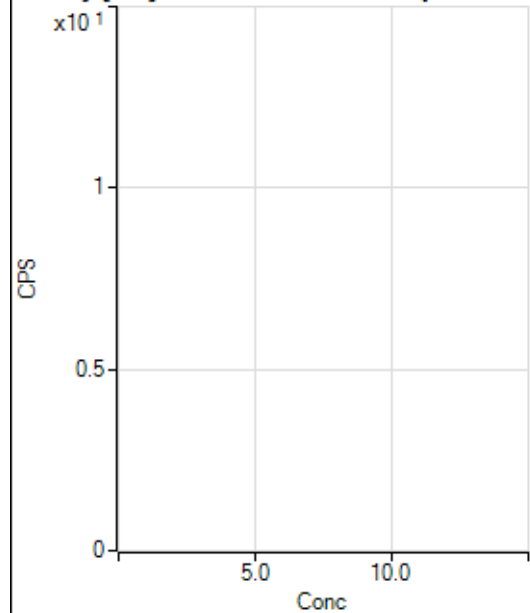
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	173.
4	☐			17.78		P	57.3
5	☐			73.33		P	15.7
6	☐			131.12		P	19.3
7	☐			271.12		P	3.8
8	☐			551.14		P	4.6
9	☐			115.56		P	28.5

150 Nd [He] No available calibration points

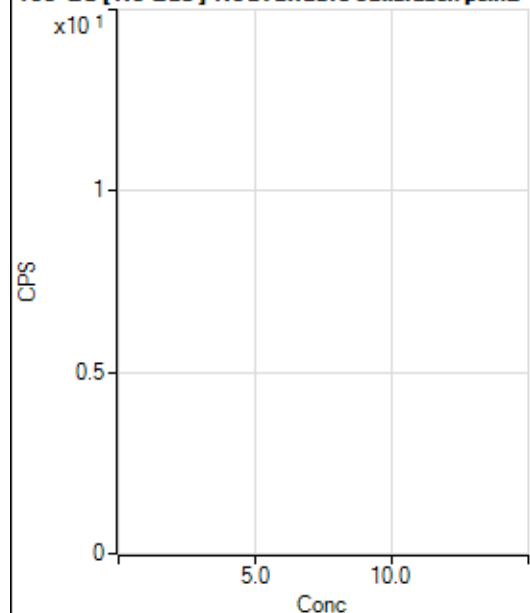
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			7.78		P	107.
6	☐			16.67		P	20.0
7	☐			37.78		P	18.4
8	☐			85.56		P	17.6
9	☐			53.33		P	27.2

156 Dy [No Gas] No available calibration points

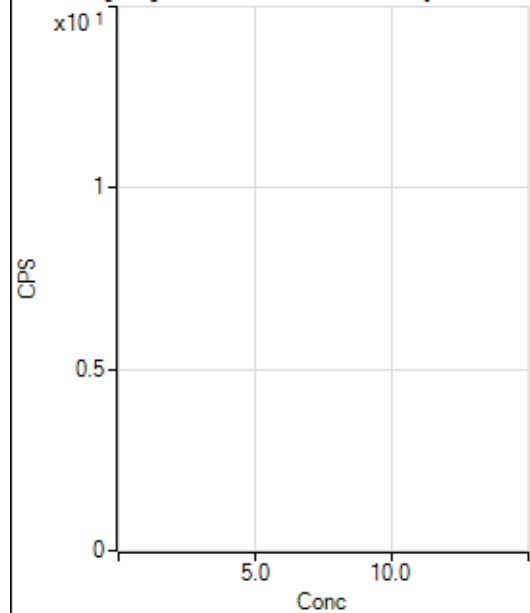
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			5.55		P	86.6
4	☐			5.55		P	86.6
5	☐			30.56		P	41.7
6	☐			38.89		P	61.9
7	☐			83.34		P	30.0
8	☐			161.12		P	31.6
9	☐			80.56		P	33.3

156 Dy [He] No available calibration points

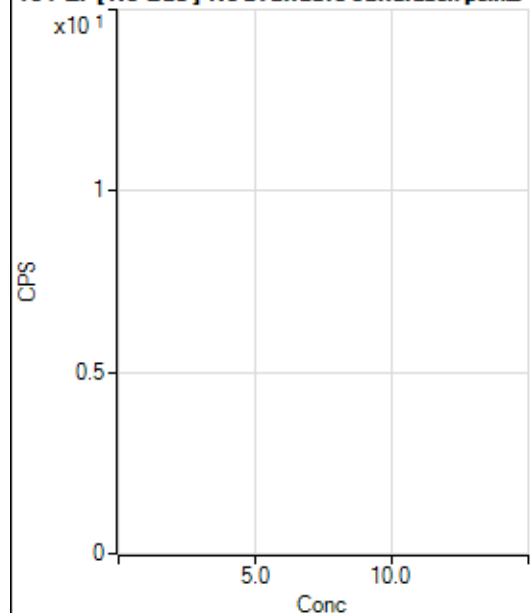
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			8.89		P	57.3
5	☐			27.78		P	61.6
6	☐			32.22		P	51.0
7	☐			50.00		P	30.5
8	☐			104.44		P	32.1
9	☐			37.78		P	31.0

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

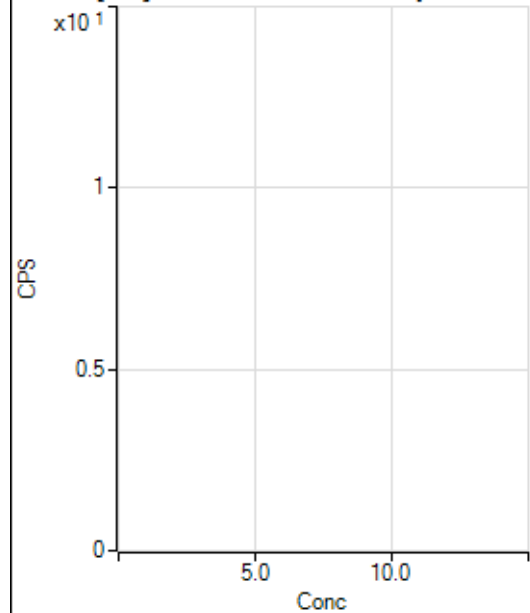
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐						
3	☐			38.89		P	65.5
4	☐			63.89		P	30.1
5	☐			63.89		P	41.9
6	☐			75.00		P	22.2
7	☐			66.67		P	33.1
8	☐			136.12		P	24.7
9	☐			102.78		P	41.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			138.89		P	13.9
2	☐						
3	☐			123.34		P	12.4
4	☐			143.34		P	24.6
5	☐			126.67		P	16.4
6	☐			112.23		P	32.0
7	☐			126.67		P	14.7
8	☐			136.67		P	20.8
9	☐			111.11		P	7.5

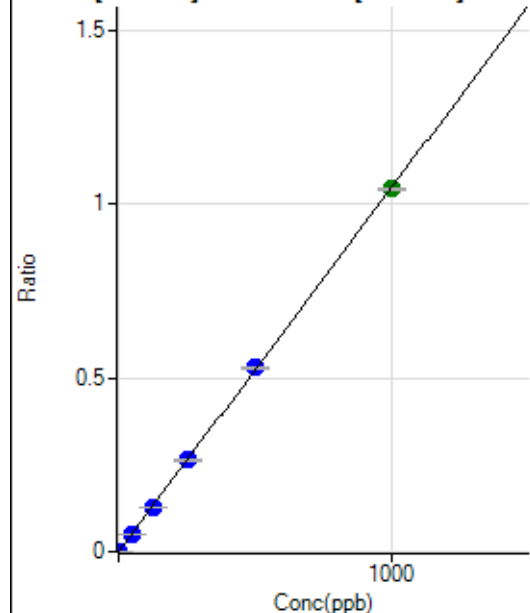
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	15.7
2	☐						
3	☐			66.67		P	33.1
4	☐			38.89		P	81.1
5	☐			19.44		P	65.5
6	☐			19.45		P	24.7
7	☐			77.78		P	40.6
8	☐			77.78		P	16.4
9	☐			30.55		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐						
3	☐			17.78		P	47.2
4	☐			21.11		P	36.5
5	☐			22.22		P	70.9
6	☐			16.67		P	20.0
7	☐			14.44		P	35.3
8	☐			38.89		P	34.6
9	☐			20.00		P	16.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	36.7
2	☐	0.100					
3	☐	1.000	0.912	6907.68	0.0010	P	1.6
4	☐	50.000	49.217	364865.15	0.0516	P	1.1
5	☐	125.000	122.114	916127.35	0.1280	P	0.3
6	☐	250.000	251.329	1843531.53	0.2635	P	2.5
7	☐	500.000	506.599	3700689.15	0.5310	P	1.3
8	☐	1000.000	996.768	7114774.46	1.0448	A	0.6
9	☐			4261.99	0.0007	P	6.9

$$y = 0.0010 * x + 1.6506E-005$$

$$R = 1.0000$$

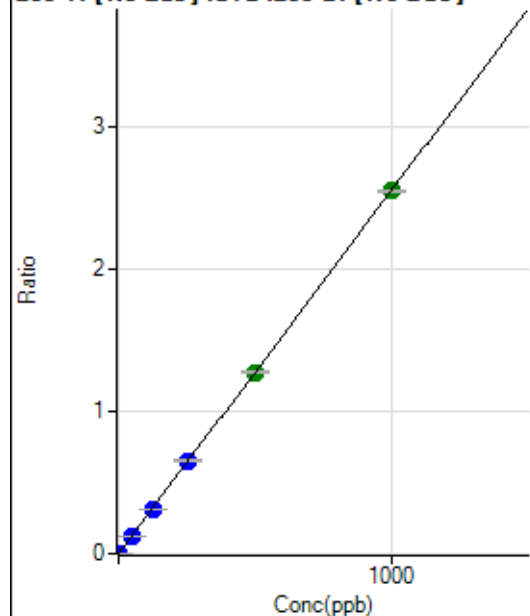
$$DL = 0.01732$$

$$BEC = 0.01575$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0000	P	32.2
2	☐	0.100					
3	☐	1.000	0.906	16686.16	0.0023	P	1.7
4	☐	50.000	49.526	894648.15	0.1265	P	1.0
5	☐	125.000	123.048	2249423.08	0.3143	P	0.3
6	☐	250.000	255.577	4568294.24	0.6528	P	2.3
7	☐	500.000	499.849	8897771.29	1.2768	A	1.0
8	☐	1000.000	998.949	17374842.57	2.5516	A	0.9
9	☐			11049.52	0.0018	P	6.6

$$y = 0.0026 * x + 3.4011E-005$$

$$R = 1.0000$$

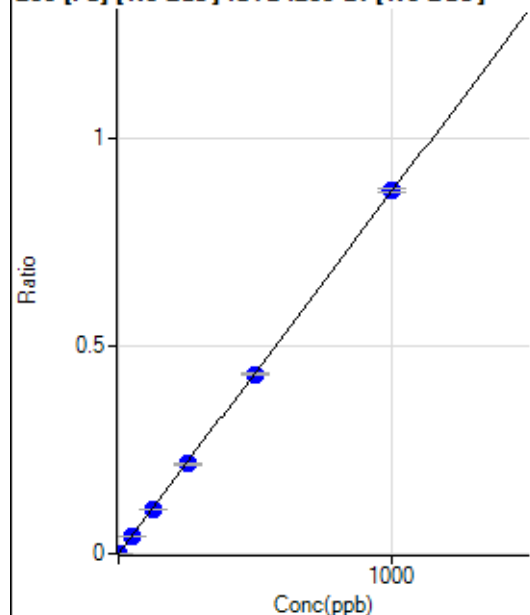
$$DL = 0.01288$$

$$BEC = 0.01332$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	13.8
2	☐	0.100					
3	☐	1.000	0.898	5742.17	0.0008	P	3.3
4	☐	50.000	49.012	301347.76	0.0426	P	1.7
5	☐	125.000	120.572	750059.99	0.1048	P	0.9
6	☐	250.000	248.003	1508469.16	0.2156	P	2.0
7	☐	500.000	496.572	3007625.99	0.4316	P	1.4
8	☐	1000.000	1002.816	5934691.68	0.8716	P	1.1
9	☐			32581.04	0.0054	P	3.1

$$y = 8.6908\text{E-}004 * x + 2.8302\text{E-}005$$

$$R = 1.0000$$

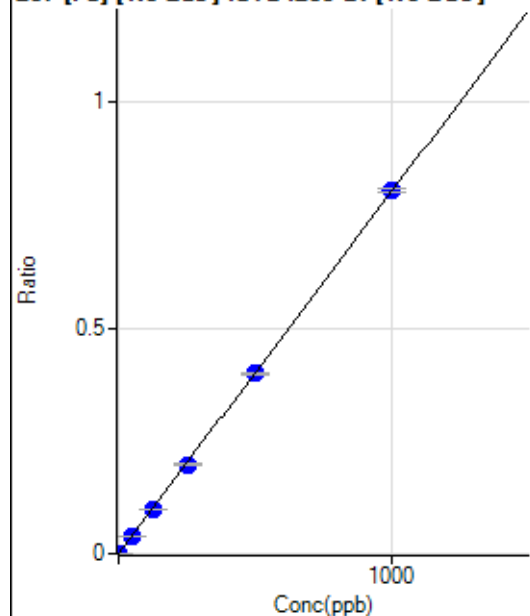
$$DL = 0.01346$$

$$BEC = 0.03257$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.20	0.0000	P	15.1
2	☐	0.100					
3	☐	1.000	0.882	5212.31	0.0007	P	4.5
4	☐	50.000	48.900	277402.60	0.0392	P	1.7
5	☐	125.000	121.183	695567.11	0.0972	P	0.1
6	☐	250.000	246.856	1385385.62	0.1980	P	1.7
7	☐	500.000	496.984	2777343.93	0.3985	P	0.9
8	☐	1000.000	1002.826	5475614.42	0.8041	P	1.0
9	☐			28271.43	0.0047	P	2.9

$$y = 8.0184\text{E-}004 * x + 2.6250\text{E-}005$$

$$R = 1.0000$$

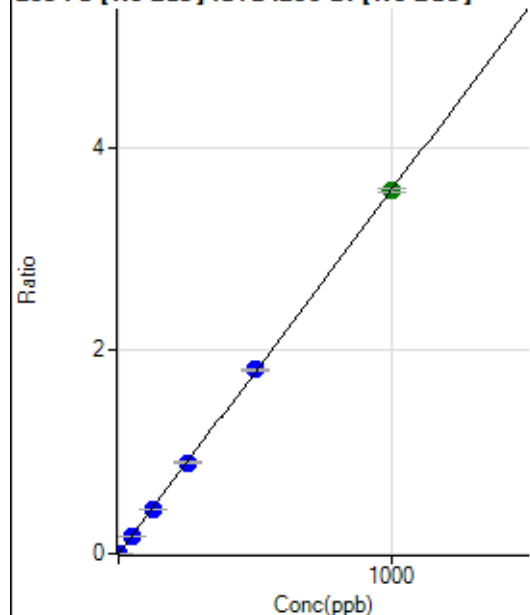
$$DL = 0.01481$$

$$BEC = 0.03274$$

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	894.49	0.0001	P	2.8
2	☐	0.100					
3	☐	1.000	0.889	23503.29	0.0033	P	1.4
4	☐	50.000	49.178	1244755.86	0.1761	P	1.3
5	☐	125.000	121.243	3104811.74	0.4339	P	0.4
6	☐	250.000	249.732	6252687.18	0.8935	P	2.0
7	☐	500.000	505.322	12599070.14	1.8079	P	1.0
8	☐	1000.000	997.917	24309990.53	3.5701	A	1.0
9	☐			130523.50	0.0216	P	1.7

$$y = 0.0036 * x + 1.2681E-004$$

$$R = 1.0000$$

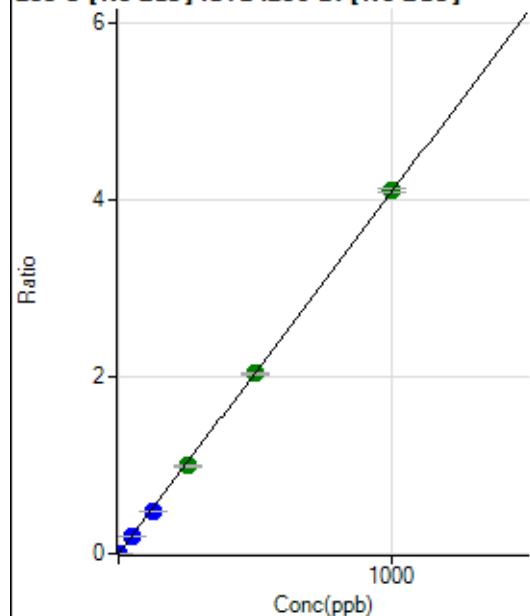
$$DL = 0.003011$$

$$BEC = 0.03545$$

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	25.00	0.0000	P	58.2
2	☐	0.100					
3	☐	1.000	0.868	25208.72	0.0035	P	0.9
4	☐	50.000	47.174	1362334.36	0.1927	P	1.4
5	☐	125.000	118.785	3472164.23	0.4852	P	0.1
6	☐	250.000	243.983	6973555.10	0.9966	A	2.3
7	☐	500.000	498.001	14175569.42	2.0341	A	1.1
8	☐	1000.000	1003.422	27908405.83	4.0986	A	1.0
9	☐			5982.20	0.0010	P	8.2

$$y = 0.0041 * x + 3.5567E-006$$

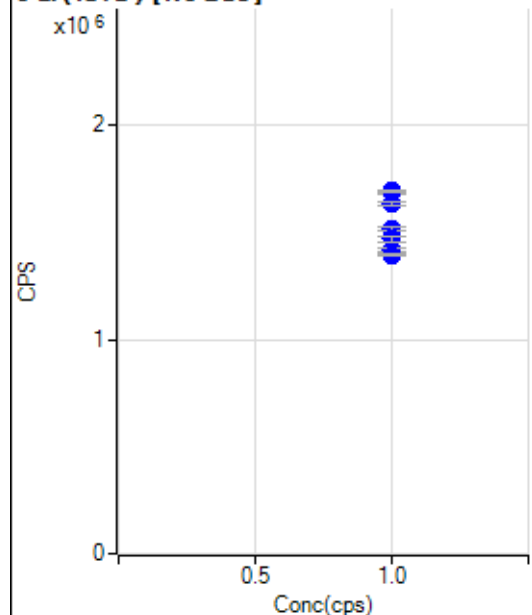
$$R = 1.0000$$

$$DL = 0.00152$$

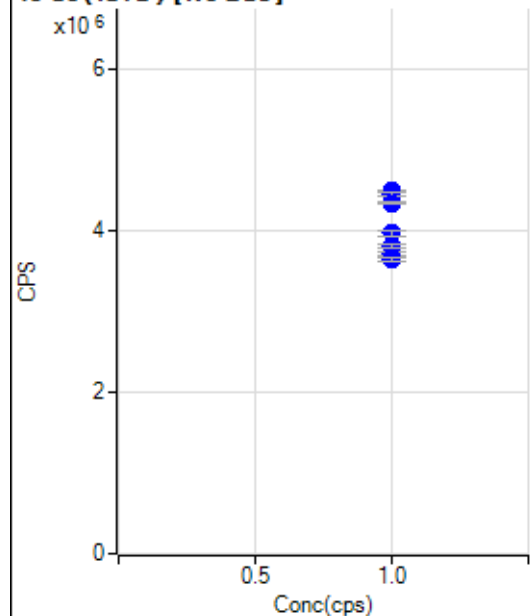
$$BEC = 0.0008708$$

Weight: <None>

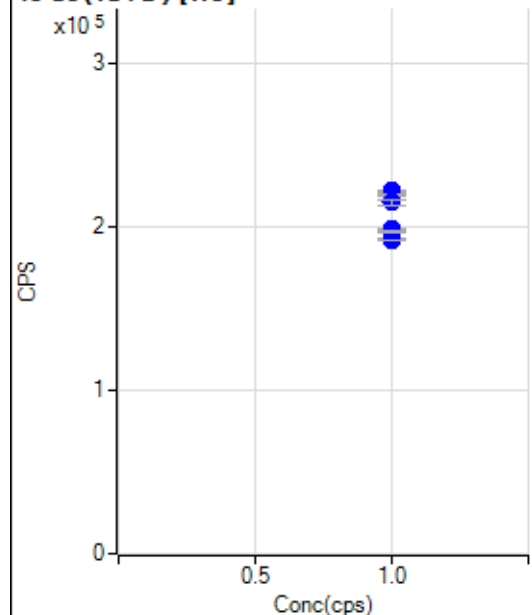
Min Conc: 0

6 Li (ISTD) [No Gas]

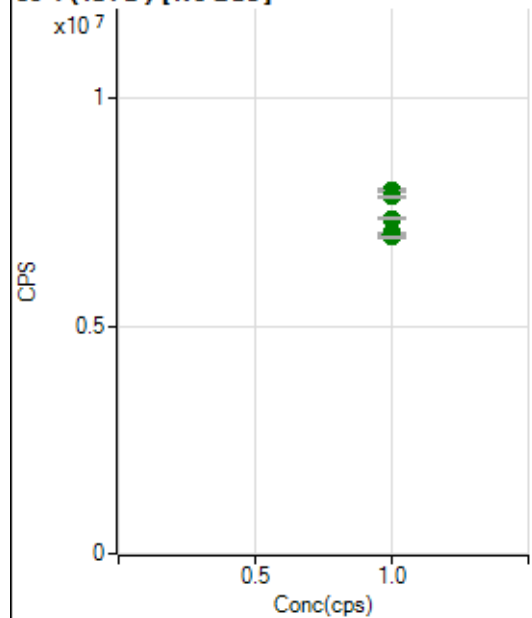
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1687869.45		P	0.8
2	☐	1.000					
3	☐	1.000		1692095.29		P	0.6
4	☐	1.000		1691620.88		P	0.6
5	☐	1.000		1631655.64		P	0.9
6	☐	1.000		1516436.45		P	1.4
7	☐	1.000		1417687.74		P	0.8
8	☐	1.000		1392194.75		P	0.4
9	☐	1.000		1466769.94		P	1.3

45 Sc (ISTD) [No Gas]

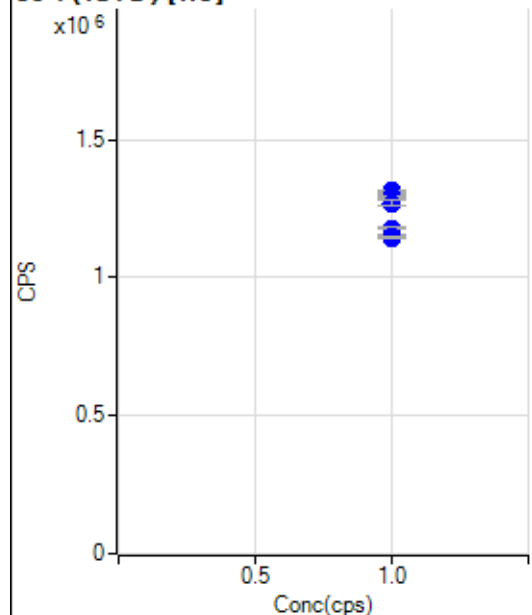
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4494414.55		P	0.9
2	☐	1.000					
3	☐	1.000		4497241.98		P	0.4
4	☐	1.000		4457839.51		P	0.7
5	☐	1.000		4347408.91		P	0.8
6	☐	1.000		3972823.05		P	1.5
7	☐	1.000		3710316.84		P	1.2
8	☐	1.000		3647793.35		P	1.0
9	☐	1.000		3815145.61		P	1.0

45 Sc (ISTD) [He]

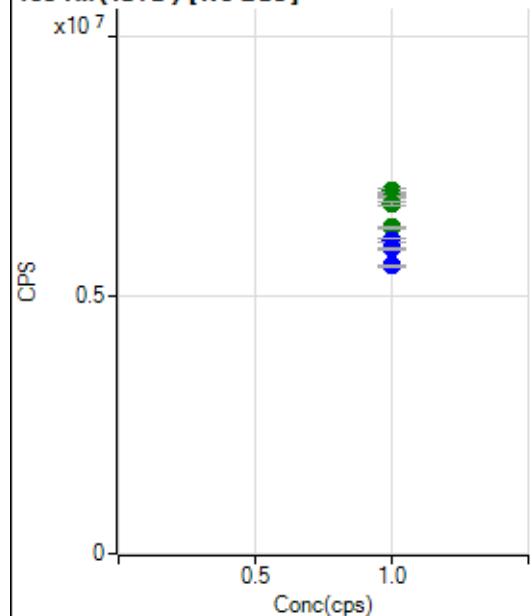
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		220071.13		P	0.8
2	☐	1.000					
3	☐	1.000		222050.01		P	0.5
4	☐	1.000		219870.63		P	0.4
5	☐	1.000		214807.84		P	1.2
6	☐	1.000		198563.71		P	0.5
7	☐	1.000		192722.41		P	0.8
8	☐	1.000		191585.92		P	0.3
9	☐	1.000		197644.95		P	0.6

89 Y (ISTD) [No Gas]

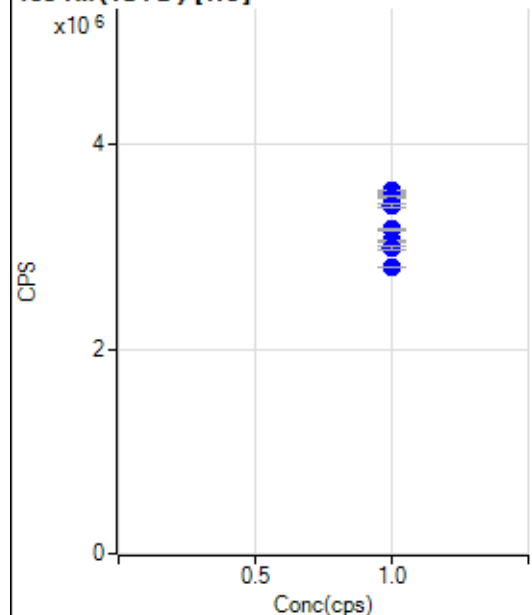
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7965781.20		A	1.0
2	☐	1.000					
3	☐	1.000		7968346.27		A	0.3
4	☐	1.000		7953976.13		A	0.8
5	☐	1.000		7839911.34		A	0.9
6	☐	1.000		7365026.07		A	0.9
7	☐	1.000		7048962.60		A	0.7
8	☐	1.000		7008295.45		A	1.0
9	☐	1.000		6955541.56		A	0.7

89 Y(ISTD) [He]

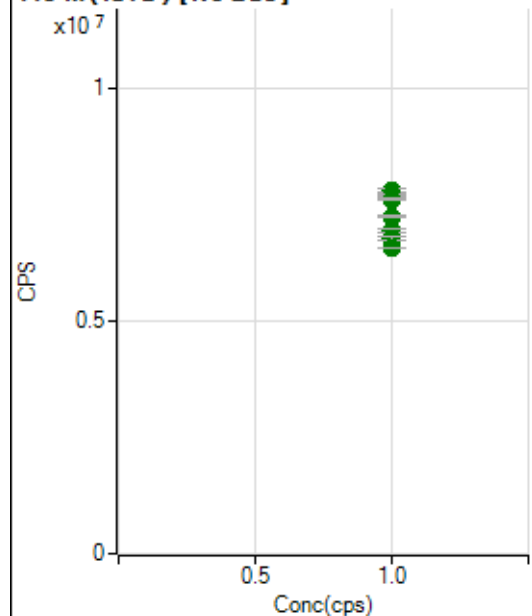
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1305418.45		P	0.7
2	☐	1.000					
3	☐	1.000		1313730.78		P	0.3
4	☐	1.000		1293131.10		P	0.6
5	☐	1.000		1268583.10		P	1.5
6	☐	1.000		1178561.12		P	0.7
7	☐	1.000		1149979.43		P	0.7
8	☐	1.000		1145226.82		P	0.7
9	☐	1.000		1147541.87		P	0.6

103 Rh(ISTD) [No Gas]

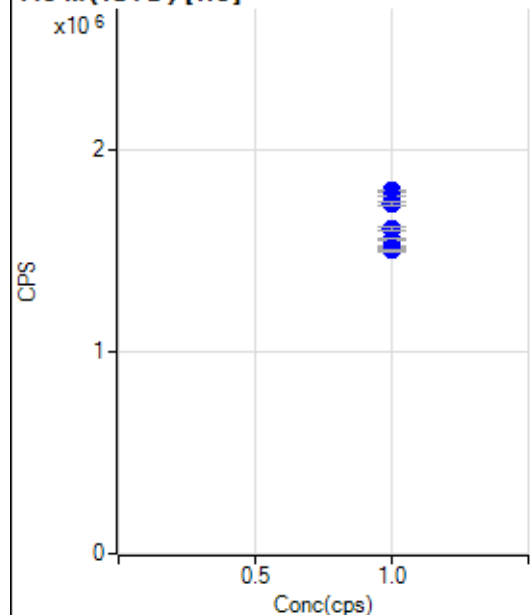
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7013643.64		A	1.2
2	☐	1.000					
3	☐	1.000		6969144.77		A	0.4
4	☐	1.000		6884516.30		A	0.5
5	☐	1.000		6774808.48		A	0.8
6	☐	1.000		6313481.56		A	0.7
7	☐	1.000		6075841.07		P	1.2
8	☐	1.000		5894619.23		P	0.7
9	☐	1.000		5565613.92		P	0.5

103 Rh (ISTD) [He]

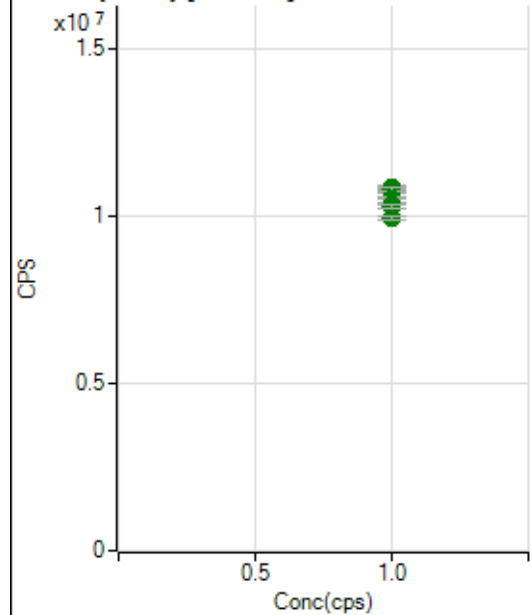
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3532301.16		P	0.5
2	☐	1.000					
3	☐	1.000		3548631.92		P	0.1
4	☐	1.000		3486968.56		P	0.6
5	☐	1.000		3401081.93		P	1.0
6	☐	1.000		3171241.41		P	0.5
7	☐	1.000		3064857.87		P	0.6
8	☐	1.000		2992141.00		P	0.9
9	☐	1.000		2805188.33		P	0.4

115 In (ISTD) [No Gas]

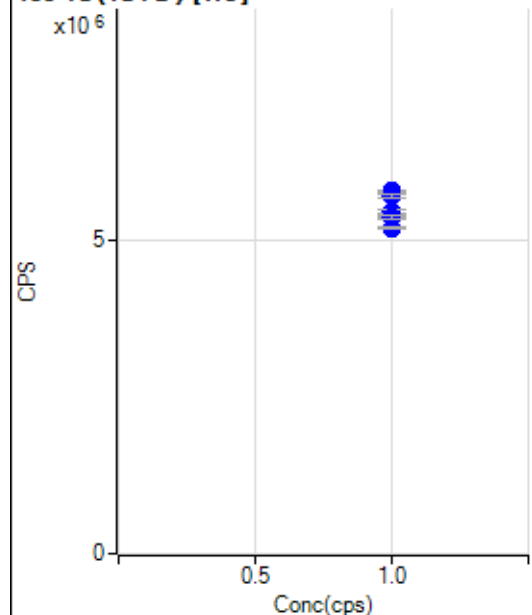
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7809687.89		A	0.9
2	☐	1.000					
3	☐	1.000		7753496.74		A	0.7
4	☐	1.000		7730672.17		A	0.7
5	☐	1.000		7634044.78		A	0.6
6	☐	1.000		7253633.15		A	0.5
7	☐	1.000		6951920.50		A	1.0
8	☐	1.000		6794873.50		A	1.0
9	☐	1.000		6582897.48		A	0.3

115 In (ISTD) [He]

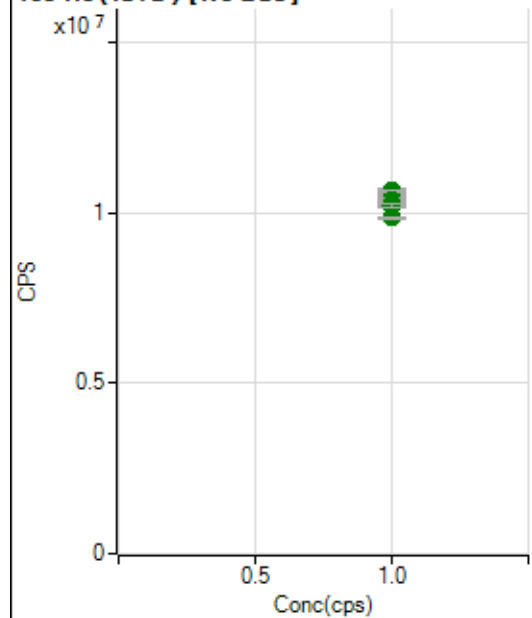
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1794983.94		P	0.6
2	☐	1.000					
3	☐	1.000		1798953.16		P	0.2
4	☐	1.000		1772518.98		P	0.2
5	☐	1.000		1733891.20		P	1.3
6	☐	1.000		1610749.69		P	0.9
7	☐	1.000		1557519.84		P	0.8
8	☐	1.000		1519914.98		P	0.7
9	☐	1.000		1502736.98		P	0.3

159 Tb (ISTD) [No Gas]

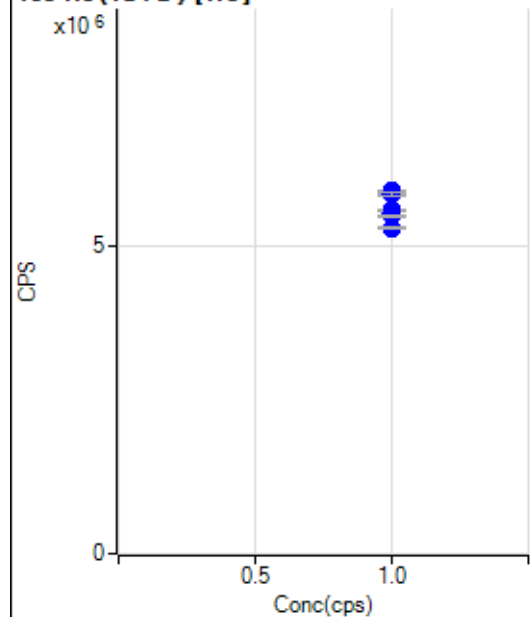
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10806700.12		A	1.3
2	☐	1.000					
3	☐	1.000		10733732.76		A	0.7
4	☐	1.000		10845782.06		A	0.9
5	☐	1.000		10801064.98		A	0.9
6	☐	1.000		10544007.83		A	0.3
7	☐	1.000		10374697.69		A	1.0
8	☐	1.000		10304180.61		A	1.1
9	☐	1.000		9943666.73		A	0.8

159 Tb (ISTD) [He]

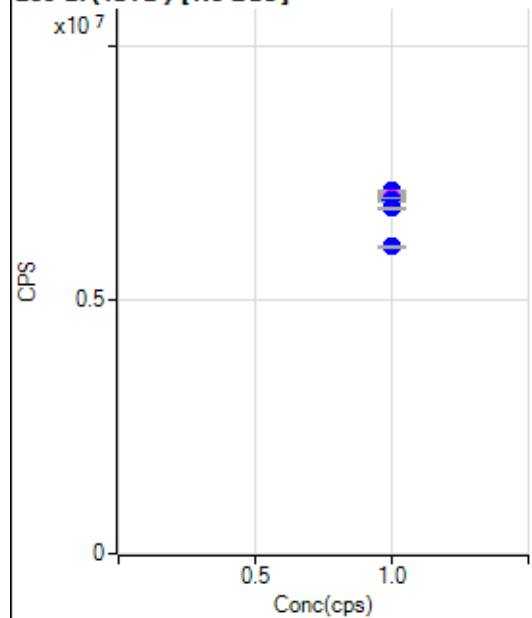
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5765790.54		P	0.7
2	☐	1.000					
3	☐	1.000		5802378.11		P	0.3
4	☐	1.000		5776947.83		P	0.6
5	☐	1.000		5717593.04		P	1.1
6	☐	1.000		5469692.87		P	0.8
7	☐	1.000		5394056.00		P	0.1
8	☐	1.000		5382738.15		P	0.9
9	☐	1.000		5200113.85		P	0.5

165 Ho (ISTD) [No Gas]

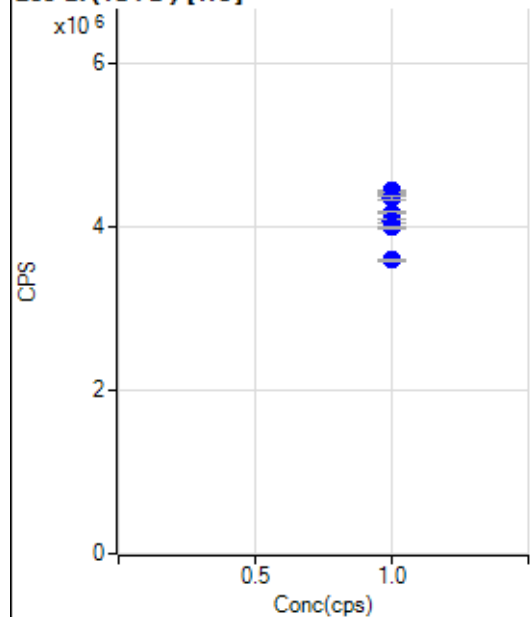
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10544396.16		A	1.1
2	☐	1.000					
3	☐	1.000		10576909.44		A	0.3
4	☐	1.000		10653918.12		A	1.1
5	☐	1.000		10653221.68		A	0.7
6	☐	1.000		10400188.86		A	0.5
7	☐	1.000		10297304.92		A	1.2
8	☐	1.000		10217223.75		A	1.2
9	☐	1.000		9863317.06		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5862936.30		P	0.8
2	☐	1.000					
3	☐	1.000		5877689.43		P	0.2
4	☐	1.000		5911070.26		P	0.8
5	☐	1.000		5852989.42		P	0.8
6	☐	1.000		5600782.76		P	0.7
7	☐	1.000		5544656.52		P	0.7
8	☐	1.000		5504625.75		P	0.6
9	☐	1.000		5309511.48		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7055040.45		M	2.1
2	☐	1.000					
3	☐	1.000		7104757.11		P	0.5
4	☐	1.000		7070779.13		M	1.0
5	☐	1.000		7156312.81		P	0.7
6	☐	1.000		6999488.02		M	1.9
7	☐	1.000		6969512.05		P	1.2
8	☐	1.000		6809747.19		P	1.0
9	☐	1.000		6054499.84		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4437746.95		P	0.7
2	☐	1.000					
3	☐	1.000		4426697.95		P	0.5
4	☐	1.000		4415112.19		P	0.6
5	☐	1.000		4357426.95		P	1.0
6	☐	1.000		4166713.97		P	0.7
7	☐	1.000		4065708.76		P	1.0
8	☐	1.000		3988135.22		P	0.9
9	☐	1.000		3588586.41		P	0.6

US EPA Tune Check Sample Report

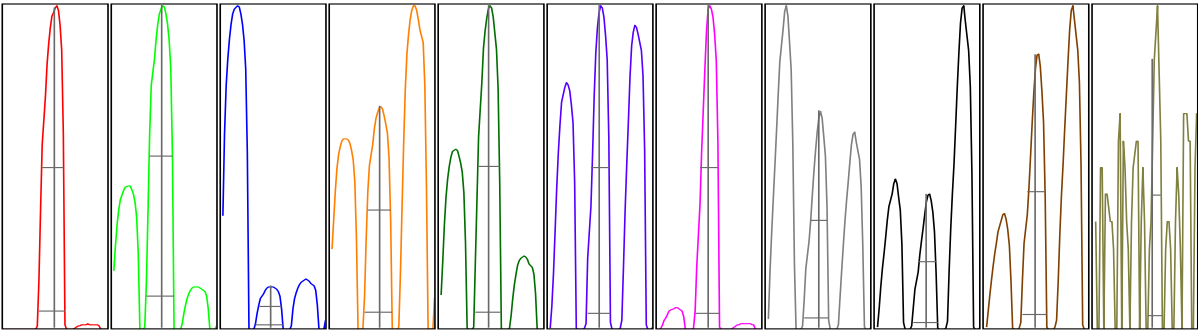
Batch Folder D:\ICP-MS Data\P7061118-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4143	0.32	5.00	
24	71516	0.51	5.00	
25	9418	0.51	5.00	
26	11140	0.33	5.00	
59	40051	0.53	5.00	
113	5753	0.78	5.00	
115	80577	0.43	5.00	
206	16455	1.07	5.00	
207	14786	0.89	5.00	
208	35641	0.75	5.00	
220	0	24.49		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4133	4151	4129	4161	4141
24	70907	71606	71565	71608	71896
25	9337	9461	9420	9423	9450
26	11094	11147	11116	11155	11189
59	39742	40010	40087	40087	40330
113	5682	5796	5737	5776	5776
115	80011	80647	80546	80766	80914
206	16212	16342	16494	16589	16638
207	14640	14733	14846	14731	14980
208	35216	35658	35777	35619	35933
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	6854	9.00	8.9 - 9.1		0.781	0.900	
24	112018	23.95	23.9 - 24.1		0.806	0.900	
25	14834	24.95	24.9 - 25.1		0.796	0.900	
26	17323	25.95	25.9 - 26.1		0.817	0.900	
59	67798	58.95	58.9 - 59.1		0.783	0.900	
113	11289	113.00	112.9 - 113.1		0.689	0.900	
115	160147	115.00	114.9 - 115.1		0.704	0.900	
206	33527	206.05	205.9 - 206.1		0.734	0.900	
207	30030	207.00	206.9 - 207.1		0.735	0.900	
208	71922	208.00	207.9 - 208.1		0.736	0.900	
220	1	220.25	-		0.388		

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	15.2	V
Extract 2	-165.0	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11072	0.48	
89	30556	0.37	
205	14959	0.44	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11106	11015	11145	11064	11031
89	30507	30412	30724	30560	30576
205	14996	14866	15027	14917	14987

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	9.6	V	Deflect	2.4	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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 :	LB95948	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:29:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.08	0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	0.44	-0.54	0.00	N/A	ppb
Boron	11-1	-0.13	0.15	-0.03	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.35	0.64	-0.29	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.36	0.39	-0.03	0.00	N/A	ppb
Calcium	44-1	0.22	0.48	-0.70	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	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	-0.05	-0.05	0.09	0.00	N/A	ppb
Iron	57-2	1.12	0.64	-1.76	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	-0.27	0.34	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:29:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	0.05	0.00	N/A	ppb
Phosphorus	31-2	12.40	4.44	-11.03	1.93	615.62	ppb
Potassium	39-2	0.79	1.15	-1.94	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.46	-0.23	-0.23	0.00	N/A	ppb
Selenium	78-2	-0.35	1.09	-0.74	0.00	N/A	ppb
Selenium	82-1	-0.02	-0.42	0.44	0.00	N/A	ppb
Silicon	28-1	1.68	-1.19	-0.49	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.07	-0.56	0.48	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	60.43	-65.17	-96.45	-33.73		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.03	-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	0.07	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:29:10	DataFile Name :	003CALB.d

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

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:37:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.29	16.99	15.27	16.85	8.99	ppb
Antimony	121-1	1.82	1.92	1.89	1.88	2.72	ppb
Arsenic	75-2	0.96	0.89	0.94	0.93	3.51	ppb
Barium	135-1	9.45	9.87	9.23	9.52	3.43	ppb
Barium	137-1	9.81	9.35	9.26	9.48	3.10	ppb
Beryllium	9-1	0.89	0.99	0.96	0.94	5.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	19.36	20.68	21.41	20.48	5.07	ppb
Boron	11-1	19.71	21.54	22.47	21.24	6.60	ppb
Cadmium	111-1	1.03	0.85	1.01	0.96	10.15	ppb
Cadmium	106-1	1.02	-0.94	1.57	0.55	239.32	ppb
Cadmium	108-1	1.21	0.76	1.30	1.09	26.41	ppb
Calcium	43-1	416.46	436.71	408.15	420.44	3.49	ppb
Calcium	44-1	414.67	406.92	418.09	413.23	1.39	ppb
Chromium	52-2	1.95	1.99	2.02	1.99	1.81	ppb
Cobalt	59-2	0.97	0.99	0.98	0.98	1.44	ppb
Copper	63-2	1.93	1.88	1.92	1.91	1.39	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				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	47.29	48.04	47.39	47.57	0.86	ppb
Iron	57-2	45.59	48.69	48.29	47.52	3.54	ppb
Lead	206-1	0.87	0.90	0.93	0.90	3.41	ppb
Lead	207-1	0.88	0.92	0.84	0.88	4.66	ppb
Lead	208-1	0.88	0.90	0.88	0.89	1.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	431.78	435.85	441.90	436.51	1.17	ppb
Manganese	55-2	0.92	1.06	0.96	0.98	7.56	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:37:22	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	4.67	4.47	4.63	3.02	ppb
Molybdenum	95-1	4.50	4.64	4.38	4.51	2.89	ppb
Molybdenum	96-1	4.42	4.76	4.65	4.61	3.81	ppb
Molybdenum	97-1	4.44	4.41	4.63	4.50	2.64	ppb
Molybdenum	98-1	4.54	4.47	4.52	4.51	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.06	1.02	1.00	7.59	ppb
Phosphorus	31-2	13.56	-15.95	-3.42	-1.93		ppb
Potassium	39-2	448.51	450.41	456.70	451.87	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	2.50	3.86	5.26	3.88	35.61	ppb
Selenium	78-2	5.89	5.89	3.12	4.96	32.26	ppb
Selenium	82-1	4.08	4.33	5.34	4.58	14.59	ppb
Silicon	28-1	13.93	13.11	13.77	13.60	3.20	ppb
Silver	109-1	1.00	1.03	1.03	1.02	1.41	ppb
Silver	107-1	0.99	1.00	1.06	1.02	3.76	ppb
Sodium	23-2	440.71	445.83	449.16	445.23	0.96	ppb
Strontium	86-1	0.95	0.89	0.89	0.91	3.66	ppb
Strontium	88-1	0.92	0.94	0.91	0.92	1.93	ppb
Sulfur	34-1	79.40	18.32	3.48	33.73	119.29	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.89	0.92	0.91	1.67	ppb
Thallium	205-1	0.92	0.89	0.91	0.91	1.71	ppb
Tin	118-1	4.75	4.85	4.88	4.83	1.46	ppb
Titanium	47-1	4.43	4.44	4.95	4.61	6.42	ppb
Uranium	238-1	0.86	0.88	0.87	0.87	0.92	ppb
Vanadium	51-2	4.51	4.61	4.52	4.55	1.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.14	1.86	2.06	2.02	7.18	ppb
Zirconium	90-1	0.95	0.91	0.92	0.93	2.19	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:37:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	1.03	0.92	0.99	5.84	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:41:15	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	969.95	978.04	963.77	970.59	0.74	ppb
Antimony	121-1	51.96	50.82	51.76	51.51	1.18	ppb
Arsenic	75-2	50.46	52.25	51.25	51.32	1.74	ppb
Barium	135-1	255.16	252.70	256.58	254.81	0.77	ppb
Barium	137-1	257.96	253.04	257.64	256.22	1.07	ppb
Beryllium	9-1	51.22	51.28	52.23	51.58	1.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	46.86	49.64	50.96	49.15	4.26	ppb
Boron	11-1	46.96	47.47	48.12	47.52	1.22	ppb
Cadmium	111-1	54.03	53.36	54.52	53.97	1.08	ppb
Cadmium	106-1	54.06	51.76	55.68	53.83	3.65	ppb
Cadmium	108-1	53.98	51.73	54.95	53.55	3.08	ppb
Calcium	43-1	4683.88	4747.23	4752.49	4727.87	0.81	ppb
Calcium	44-1	4690.97	4696.77	4687.10	4691.61	0.10	ppb
Chromium	52-2	50.23	51.34	50.82	50.80	1.09	ppb
Cobalt	59-2	50.86	51.37	51.73	51.32	0.85	ppb
Copper	63-2	103.37	103.57	103.31	103.42	0.13	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2584.92	2599.37	2600.17	2594.82	0.33	ppb
Iron	57-2	2584.14	2600.07	2607.04	2597.09	0.45	ppb
Lead	206-1	48.48	49.96	48.60	49.01	1.68	ppb
Lead	207-1	48.03	49.68	48.99	48.90	1.70	ppb
Lead	208-1	48.64	49.88	49.01	49.18	1.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	4801.57	4832.81	4817.55	4817.31	0.32	ppb
Manganese	55-2	100.86	99.17	101.56	100.53	1.22	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:41:15	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.08	247.10	250.95	249.37	0.81	ppb
Molybdenum	95-1	248.66	247.05	249.47	248.39	0.50	ppb
Molybdenum	96-1	246.63	247.17	250.00	247.93	0.73	ppb
Molybdenum	97-1	244.48	246.36	248.75	246.53	0.87	ppb
Molybdenum	98-1	247.62	247.53	249.60	248.25	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.66	52.38	52.16	52.40	0.48	ppb
Phosphorus	31-2	932.98	1042.56	1037.12	1004.22	6.15	ppb
Potassium	39-2	2521.05	2516.87	2528.70	2522.20	0.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	52.93	41.54	59.83	51.43	17.96	ppb
Selenium	78-2	53.10	50.93	53.53	52.52	2.65	ppb
Selenium	82-1	51.92	51.21	51.64	51.59	0.70	ppb
Silicon	28-1	52.81	52.79	52.39	52.66	0.45	ppb
Silver	109-1	54.79	54.36	55.08	54.74	0.66	ppb
Silver	107-1	55.29	54.10	55.38	54.92	1.30	ppb
Sodium	23-2	4927.39	4912.94	4949.72	4930.02	0.38	ppb
Strontium	86-1	50.71	50.35	50.54	50.53	0.35	ppb
Strontium	88-1	49.87	49.83	50.76	50.15	1.05	ppb
Sulfur	34-1	1103.75	1031.88	1061.13	1065.59	3.39	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	48.79	49.81	49.05	49.22	1.07	ppb
Thallium	205-1	49.32	50.07	49.18	49.53	0.96	ppb
Tin	118-1	52.21	51.70	51.60	51.84	0.64	ppb
Titanium	47-1	245.88	246.63	247.19	246.57	0.27	ppb
Uranium	238-1	46.81	47.93	46.78	47.17	1.40	ppb
Vanadium	51-2	51.00	49.84	49.60	50.15	1.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	103.55	104.42	105.07	104.35	0.73	ppb
Zirconium	90-1	49.15	48.87	49.06	49.03	0.29	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:41:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.03	49.99	49.59	49.87	0.49	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:45:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2455.88	2405.02	2443.14	2434.68	1.09	ppb
Antimony	121-1	127.86	129.16	129.86	128.96	0.79	ppb
Arsenic	75-2	129.30	125.44	127.87	127.54	1.53	ppb
Barium	135-1	634.81	631.08	635.22	633.70	0.36	ppb
Barium	137-1	639.34	641.34	640.74	640.47	0.16	ppb
Beryllium	9-1	130.30	130.24	129.93	130.15	0.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	114.88	120.63	121.75	119.08	3.09	ppb
Boron	11-1	118.06	121.75	126.26	122.02	3.37	ppb
Cadmium	111-1	133.56	133.80	137.05	134.80	1.45	ppb
Cadmium	106-1	139.76	136.85	142.31	139.64	1.96	ppb
Cadmium	108-1	138.96	138.05	134.92	137.31	1.54	ppb
Calcium	43-1	11642.77	11717.06	11652.75	11670.86	0.35	ppb
Calcium	44-1	11826.06	11760.54	11807.20	11797.93	0.29	ppb
Chromium	52-2	125.79	123.41	126.39	125.20	1.26	ppb
Cobalt	59-2	127.88	124.56	127.18	126.54	1.38	ppb
Copper	63-2	255.85	252.25	255.35	254.48	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6489.05	6331.13	6414.27	6411.48	1.23	ppb
Iron	57-2	6396.09	6294.96	6329.43	6340.16	0.81	ppb
Lead	206-1	119.66	120.32	121.74	120.57	0.88	ppb
Lead	207-1	121.26	121.22	121.07	121.18	0.08	ppb
Lead	208-1	120.84	121.05	121.84	121.24	0.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	12191.80	11899.97	12149.73	12080.50	1.31	ppb
Manganese	55-2	252.23	246.80	249.63	249.55	1.09	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:45:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	622.36	623.26	624.07	623.23	0.14	ppb
Molybdenum	95-1	620.15	620.47	620.37	620.33	0.03	ppb
Molybdenum	96-1	622.46	617.28	622.17	620.63	0.47	ppb
Molybdenum	97-1	613.09	612.96	617.33	614.46	0.40	ppb
Molybdenum	98-1	621.52	622.89	623.21	622.54	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.90	126.78	129.70	128.79	1.35	ppb
Phosphorus	31-2	2605.55	2563.85	2526.29	2565.23	1.55	ppb
Potassium	39-2	6321.81	6209.74	6224.94	6252.16	0.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	130.76	134.93	135.98	133.89	2.06	ppb
Selenium	78-2	134.65	128.12	133.85	132.21	2.69	ppb
Selenium	82-1	130.84	130.17	129.76	130.26	0.42	ppb
Silicon	28-1	131.97	132.45	131.42	131.95	0.39	ppb
Silver	109-1	134.40	134.69	136.27	135.12	0.74	ppb
Silver	107-1	134.96	135.46	135.97	135.46	0.37	ppb
Sodium	23-2	12538.35	12280.13	12442.89	12420.46	1.05	ppb
Strontium	86-1	124.86	125.87	125.09	125.27	0.42	ppb
Strontium	88-1	125.01	125.21	125.00	125.07	0.10	ppb
Sulfur	34-1	3118.94	3321.62	3117.02	3185.86	3.69	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	122.38	121.72	122.24	122.11	0.28	ppb
Thallium	205-1	122.65	123.43	123.07	123.05	0.32	ppb
Tin	118-1	127.30	128.05	129.30	128.21	0.79	ppb
Titanium	47-1	615.84	608.29	613.73	612.62	0.64	ppb
Uranium	238-1	118.88	118.66	118.81	118.78	0.09	ppb
Vanadium	51-2	125.99	122.51	124.45	124.32	1.40	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	259.22	258.17	260.00	259.13	0.36	ppb
Zirconium	90-1	123.18	122.31	122.85	122.78	0.36	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:45:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.50	123.88	123.32	123.23	0.56	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4944.48	4834.28	4868.21	4882.33	1.16	ppb
Antimony	121-1	259.31	254.47	255.39	256.39	1.00	ppb
Arsenic	75-2	256.96	252.14	252.16	253.75	1.09	ppb
Barium	135-1	1287.08	1250.59	1274.65	1270.77	1.46	ppb
Barium	137-1	1302.23	1273.80	1288.82	1288.28	1.10	ppb
Beryllium	9-1	257.29	254.45	257.33	256.36	0.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	237.62	243.96	248.98	243.52	2.34	ppb
Boron	11-1	242.17	240.45	247.78	243.46	1.57	ppb
Cadmium	111-1	264.75	262.56	258.80	262.03	1.15	ppb
Cadmium	106-1	262.02	263.10	263.03	262.72	0.23	ppb
Cadmium	108-1	269.97	257.70	258.45	262.04	2.63	ppb
Calcium	43-1	23776.42	23824.13	23704.58	23768.37	0.25	ppb
Calcium	44-1	23781.09	23634.10	23813.14	23742.78	0.40	ppb
Chromium	52-2	253.17	249.96	251.23	251.45	0.64	ppb
Cobalt	59-2	255.50	252.15	254.74	254.13	0.69	ppb
Copper	63-2	516.64	508.23	514.08	512.98	0.84	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				93		%
Indium	115-2				90		%
Iron	56-2	13056.78	12854.10	12946.21	12952.36	0.78	ppb
Iron	57-2	12964.14	12807.31	12989.10	12920.18	0.76	ppb
Lead	206-1	253.84	245.39	244.78	248.00	2.04	ppb
Lead	207-1	251.66	244.69	244.22	246.86	1.69	ppb
Lead	208-1	255.62	246.78	246.80	249.73	2.04	ppb
Lithium	6-1				90		%
Magnesium	24-2	25086.43	24380.70	24596.70	24687.94	1.46	ppb
Manganese	55-2	507.56	500.63	502.79	503.66	0.70	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1280.19	1266.48	1271.86	1272.85	0.54	ppb
Molybdenum	95-1	1277.49	1261.00	1258.84	1265.78	0.81	ppb
Molybdenum	96-1	1273.46	1262.53	1271.21	1269.07	0.45	ppb
Molybdenum	97-1	1260.50	1244.51	1257.13	1254.05	0.67	ppb
Molybdenum	98-1	1264.60	1244.14	1256.56	1255.10	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.10	256.34	258.96	258.46	0.75	ppb
Phosphorus	31-2	5291.57	5105.63	4902.76	5099.99	3.81	ppb
Potassium	39-2	12582.25	12455.05	12410.46	12482.58	0.71	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	245.54	253.71	275.76	258.34	6.05	ppb
Selenium	78-2	260.69	255.94	261.79	259.47	1.20	ppb
Selenium	82-1	262.90	255.45	258.39	258.91	1.45	ppb
Silicon	28-1	259.06	256.20	260.90	258.72	0.92	ppb
Silver	109-1	265.35	264.57	262.31	264.07	0.60	ppb
Silver	107-1	264.57	262.65	260.00	262.41	0.87	ppb
Sodium	23-2	25283.61	24719.56	24916.12	24973.09	1.15	ppb
Strontium	86-1	252.74	250.67	253.12	252.18	0.52	ppb
Strontium	88-1	255.29	253.87	254.97	254.71	0.29	ppb
Sulfur	34-1	5148.42	4852.85	5077.68	5026.32	3.07	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	258.42	246.92	248.64	251.33	2.47	ppb
Thallium	205-1	262.37	251.96	252.40	255.58	2.30	ppb
Tin	118-1	256.62	254.56	254.21	255.13	0.51	ppb
Titanium	47-1	1239.45	1242.64	1235.32	1239.14	0.30	ppb
Uranium	238-1	250.42	240.38	241.16	243.98	2.29	ppb
Vanadium	51-2	252.59	248.87	249.47	250.31	0.80	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	514.29	509.13	519.55	514.32	1.01	ppb
Zirconium	90-1	252.89	249.39	250.84	251.04	0.70	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:48:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	251.53	248.58	250.88	250.33	0.62	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:52:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9816.72	9758.25	9878.18	9817.72	0.61	ppb
Antimony	121-1	512.17	505.56	510.60	509.44	0.68	ppb
Arsenic	75-2	508.89	504.32	504.19	505.80	0.53	ppb
Barium	135-1	2562.58	2514.39	2537.31	2538.09	0.95	ppb
Barium	137-1	2549.03	2496.03	2526.63	2523.90	1.05	ppb
Beryllium	9-1	515.08	504.23	508.32	509.21	1.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	498.49	485.49	514.17	499.38	2.88	ppb
Boron	11-1	495.63	493.80	508.05	499.16	1.55	ppb
Cadmium	111-1	517.46	507.11	514.38	512.98	1.04	ppb
Cadmium	106-1	521.64	505.03	509.58	512.08	1.68	ppb
Cadmium	108-1	523.68	504.17	509.45	512.43	1.97	ppb
Calcium	43-1	48349.91	47090.79	48103.36	47848.02	1.39	ppb
Calcium	44-1	48120.79	47111.06	47960.55	47730.80	1.14	ppb
Chromium	52-2	505.18	503.82	509.68	506.23	0.61	ppb
Cobalt	59-2	508.30	504.12	511.20	507.87	0.70	ppb
Copper	63-2	1019.88	1013.78	1027.87	1020.51	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				98		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	26138.28	25903.11	26157.43	26066.27	0.54	ppb
Iron	57-2	26168.75	25763.57	26177.02	26036.45	0.91	ppb
Lead	206-1	500.18	488.55	500.99	496.57	1.40	ppb
Lead	207-1	498.78	491.73	500.44	496.98	0.93	ppb
Lead	208-1	508.67	499.77	507.53	505.32	0.96	ppb
Lithium	6-1				84		%
Magnesium	24-2	49814.15	48910.75	49766.84	49497.25	1.03	ppb
Manganese	55-2	1011.87	1006.19	1018.14	1012.07	0.59	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:52:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2558.35	2513.94	2538.46	2536.92	0.88	ppb
Molybdenum	95-1	2544.73	2506.10	2541.48	2530.77	0.85	ppb
Molybdenum	96-1	2549.51	2495.92	2531.70	2525.71	1.08	ppb
Molybdenum	97-1	2559.58	2505.35	2548.72	2537.88	1.13	ppb
Molybdenum	98-1	2543.62	2498.53	2521.23	2521.13	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.79	508.78	515.81	513.46	0.79	ppb
Phosphorus	31-2	10156.17	10180.64	10042.36	10126.39	0.73	ppb
Potassium	39-2	25309.14	25071.73	25492.30	25291.06	0.83	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				83		%
Scandium	45-2				88		%
Selenium	77-2	521.43	470.80	536.89	509.71	6.78	ppb
Selenium	78-2	518.29	519.03	514.58	517.30	0.46	ppb
Selenium	82-1	518.11	505.60	515.12	512.95	1.27	ppb
Silicon	28-1	516.62	504.78	517.64	513.01	1.39	ppb
Silver	109-1	518.36	507.98	517.89	514.74	1.14	ppb
Silver	107-1	518.33	505.92	514.67	512.97	1.24	ppb
Sodium	23-2	50631.47	49973.30	50515.54	50373.44	0.70	ppb
Strontium	86-1	510.16	498.96	504.75	504.62	1.11	ppb
Strontium	88-1	511.43	501.13	507.10	506.55	1.02	ppb
Sulfur	34-1	10261.74	9583.37	10007.44	9950.85	3.44	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	510.93	499.33	509.54	506.60	1.25	ppb
Thallium	205-1	502.85	494.06	502.64	499.85	1.00	ppb
Tin	118-1	509.49	496.52	505.85	503.95	1.33	ppb
Titanium	47-1	2527.33	2464.16	2516.14	2502.54	1.35	ppb
Uranium	238-1	500.83	491.56	501.61	498.00	1.12	ppb
Vanadium	51-2	505.25	500.95	508.66	504.95	0.77	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	1022.64	1015.58	1031.03	1023.08	0.76	ppb
Zirconium	90-1	512.27	503.03	509.36	508.22	0.93	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:52:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.89	502.20	505.61	504.90	0.48	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:56:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19382.99	19213.05	19213.98	19270.01	0.51	ppb
Antimony	121-1	1009.40	983.26	986.67	993.11	1.43	ppb
Arsenic	75-2	1005.04	995.19	987.11	995.78	0.90	ppb
Barium	135-1	5058.25	4931.29	4933.75	4974.43	1.46	ppb
Barium	137-1	5058.94	4922.83	4946.94	4976.24	1.46	ppb
Beryllium	9-1	1003.79	986.69	988.77	993.08	0.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	992.31	999.15	1017.01	1002.82	1.27	ppb
Boron	11-1	992.12	1004.74	1011.08	1002.65	0.96	ppb
Cadmium	111-1	1007.83	977.95	981.45	989.08	1.65	ppb
Cadmium	106-1	999.46	980.63	986.18	988.76	0.98	ppb
Cadmium	108-1	1010.26	982.63	974.28	989.06	1.90	ppb
Calcium	43-1	96568.86	93938.68	95027.19	95178.25	1.39	ppb
Calcium	44-1	96392.49	93625.58	94720.70	94912.92	1.47	ppb
Chromium	52-2	997.05	999.76	992.57	996.46	0.36	ppb
Cobalt	59-2	995.31	997.76	991.25	994.77	0.33	ppb
Copper	63-2	1989.33	1988.60	1979.38	1985.77	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	51324.76	50995.86	50625.91	50982.18	0.69	ppb
Iron	57-2	50889.52	51217.14	50493.84	50866.83	0.71	ppb
Lead	206-1	1014.10	992.65	1001.70	1002.82	1.07	ppb
Lead	207-1	1012.01	992.66	1003.81	1002.83	0.97	ppb
Lead	208-1	1008.28	988.59	996.88	997.92	0.99	ppb
Lithium	6-1				82		%
Magnesium	24-2	97644.91	96685.88	96555.37	96962.05	0.61	ppb
Manganese	55-2	2005.36	1991.78	1982.10	1993.08	0.59	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:56:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5042.65	4919.60	4966.00	4976.08	1.25	ppb
Molybdenum	95-1	5046.89	4930.95	4966.17	4981.34	1.19	ppb
Molybdenum	96-1	5053.45	4946.74	4948.90	4983.03	1.22	ppb
Molybdenum	97-1	5050.66	4938.22	4955.74	4981.54	1.21	ppb
Molybdenum	98-1	5060.87	4958.63	4946.17	4988.56	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.41	998.46	982.81	990.56	0.79	ppb
Phosphorus	31-2	20019.92	19769.15	19921.27	19903.44	0.63	ppb
Potassium	39-2	49504.02	48967.61	48872.06	49114.56	0.69	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				87		%
Selenium	77-2	1014.40	1009.95	951.31	991.89	3.55	ppb
Selenium	78-2	1000.79	986.32	976.75	987.96	1.22	ppb
Selenium	82-1	1007.56	978.82	985.32	990.56	1.52	ppb
Silicon	28-1	1009.16	975.49	986.18	990.28	1.74	ppb
Silver	109-1	1002.64	977.28	982.90	987.61	1.35	ppb
Silver	107-1	1004.10	977.92	984.55	988.86	1.38	ppb
Sodium	23-2	99504.08	98838.66	98595.91	98979.55	0.48	ppb
Strontium	86-1	1010.66	987.72	992.87	997.08	1.21	ppb
Strontium	88-1	1010.12	983.37	993.10	995.53	1.36	ppb
Sulfur	34-1	20474.54	19313.46	19998.96	19928.98	2.93	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	1001.75	990.60	997.96	996.77	0.57	ppb
Thallium	205-1	1008.29	991.02	997.54	998.95	0.87	ppb
Tin	118-1	1012.16	984.79	991.80	996.25	1.43	ppb
Titanium	47-1	5058.72	4955.40	4995.37	5003.16	1.04	ppb
Uranium	238-1	1012.51	993.34	1004.41	1003.42	0.96	ppb
Vanadium	51-2	1001.40	996.69	994.49	997.53	0.35	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	1983.89	1983.41	1983.27	1983.52	0.02	ppb
Zirconium	90-1	1013.00	984.61	990.25	995.96	1.51	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:56:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1013.84	982.96	996.28	997.70	1.55	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:00:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100272.84	100741.63	99501.64	100172.04	0.63	ppb
Antimony	121-1	1.25	1.16	1.20	1.21	3.83	ppb
Arsenic	75-2	0.62	0.58	0.57	0.59	5.19	ppb
Barium	135-1	2.36	2.21	2.19	2.25	3.95	ppb
Barium	137-1	2.39	2.42	2.20	2.34	5.02	ppb
Beryllium	9-1	0.78	0.70	0.78	0.75	6.32	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	46.74	44.77	39.42	43.65	8.68	ppb
Boron	11-1	48.65	43.12	39.97	43.91	10.01	ppb
Cadmium	111-1	0.23	0.15	0.13	0.17	29.63	ppb
Cadmium	106-1	-1.34	-2.13	-1.59	-1.69		ppb
Cadmium	108-1	0.20	0.40	0.28	0.30	34.60	ppb
Calcium	43-1	504793.24	500021.12	498979.62	501264.66	0.62	ppb
Calcium	44-1	505335.87	500532.47	498115.41	501327.92	0.73	ppb
Chromium	52-2	46.45	46.47	45.46	46.13	1.25	ppb
Cobalt	59-2	1.82	1.77	1.76	1.78	1.74	ppb
Copper	63-2	3.73	3.71	3.73	3.72	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	249964.01	250351.01	248692.97	249669.33	0.35	ppb
Iron	57-2	248717.72	251791.34	248587.20	249698.75	0.73	ppb
Lead	206-1	6.32	6.21	5.95	6.16	3.11	ppb
Lead	207-1	5.94	5.60	5.83	5.79	2.94	ppb
Lead	208-1	6.11	5.92	5.94	5.99	1.74	ppb
Lithium	6-1				87		%
Magnesium	24-2	502104.65	502599.37	497353.52	500685.84	0.58	ppb
Manganese	55-2	10.75	10.95	10.62	10.77	1.53	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:00:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.08	7.22	6.96	7.09	1.82	ppb
Molybdenum	95-1	9.58	9.24	9.55	9.46	2.01	ppb
Molybdenum	96-1	10.15	10.27	10.15	10.19	0.70	ppb
Molybdenum	97-1	9.82	8.99	9.18	9.33	4.66	ppb
Molybdenum	98-1	9.44	9.17	9.34	9.32	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.83	29.07	28.34	28.75	1.29	ppb
Phosphorus	31-2	32.90	43.94	37.64	38.16	14.51	ppb
Potassium	39-2	250568.49	250761.91	249115.62	250148.67	0.36	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	77-2	0.56	-0.23	0.55	0.29	155.12	ppb
Selenium	78-2	-0.32	-0.24	0.03	-0.18		ppb
Selenium	82-1	1.57	0.16	0.97	0.90	78.87	ppb
Silicon	28-1	25.51	23.56	23.45	24.17	4.81	ppb
Silver	109-1	0.22	0.20	0.18	0.20	11.34	ppb
Silver	107-1	0.21	0.24	0.22	0.23	5.94	ppb
Sodium	23-2	502317.27	500669.32	497525.91	500170.83	0.49	ppb
Strontium	86-1	36.65	34.76	34.76	35.39	3.09	ppb
Strontium	88-1	35.89	35.20	34.88	35.33	1.47	ppb
Sulfur	34-1	-199.28	-122.63	-241.10	-187.67		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.71	0.64	0.62	0.66	7.08	ppb
Thallium	205-1	0.74	0.71	0.65	0.70	6.72	ppb
Tin	118-1	2.90	2.84	2.83	2.86	1.37	ppb
Titanium	47-1	3.45	3.55	3.11	3.37	6.86	ppb
Uranium	238-1	0.26	0.24	0.22	0.24	8.20	ppb
Vanadium	51-2	0.57	0.51	0.54	0.54	6.01	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	10.23	10.22	10.34	10.26	0.62	ppb
Zirconium	90-1	0.41	0.38	0.40	0.40	4.39	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:00:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.36	0.38	0.47	0.40	13.85	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:08:42	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	456.62	431.15	461.20	449.65	3.60	ppb
Antimony	121-1	186.57	184.89	186.78	186.08	0.56	ppb
Arsenic	75-2	192.01	188.88	189.02	189.97	0.93	ppb
Barium	135-1	95.21	94.14	92.68	94.01	1.35	ppb
Barium	137-1	95.05	95.25	94.37	94.89	0.49	ppb
Beryllium	9-1	91.45	92.31	90.82	91.53	0.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	527.56	533.38	542.19	534.38	1.38	ppb
Boron	11-1	536.27	541.36	538.57	538.73	0.47	ppb
Cadmium	111-1	101.54	102.03	101.03	101.54	0.49	ppb
Cadmium	106-1	159.64	165.89	163.97	163.17	1.96	ppb
Cadmium	108-1	133.11	133.80	134.85	133.92	0.65	ppb
Calcium	43-1	1880.68	1927.60	1899.68	1902.65	1.24	ppb
Calcium	44-1	1836.40	1835.13	1811.63	1827.72	0.76	ppb
Chromium	52-2	90.27	90.18	90.68	90.38	0.29	ppb
Cobalt	59-2	94.08	94.02	96.01	94.70	1.20	ppb
Copper	63-2	95.17	94.69	96.10	95.32	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				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	958.20	951.91	957.98	956.03	0.37	ppb
Iron	57-2	971.99	945.14	973.09	963.40	1.64	ppb
Lead	206-1	184.15	183.60	182.62	183.46	0.42	ppb
Lead	207-1	175.52	175.98	175.09	175.53	0.25	ppb
Lead	208-1	181.29	181.02	180.33	180.88	0.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	1101.32	1111.40	1113.21	1108.64	0.58	ppb
Manganese	55-2	92.93	92.55	92.04	92.51	0.48	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:08:42	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1080.75	1081.19	1068.93	1076.96	0.65	ppb
Molybdenum	95-1	483.14	476.17	476.40	478.57	0.83	ppb
Molybdenum	96-1	548.97	553.74	549.29	550.66	0.48	ppb
Molybdenum	97-1	474.64	474.88	472.94	474.15	0.22	ppb
Molybdenum	98-1	481.52	480.18	478.82	480.17	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.16	95.90	95.85	96.30	0.77	ppb
Phosphorus	31-2	-8.06	18.58	14.08	8.20	173.95	ppb
Potassium	39-2	1866.16	1851.88	1866.68	1861.57	0.45	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	77-2	221.63	207.16	197.98	208.92	5.71	ppb
Selenium	78-2	184.89	197.21	187.61	189.90	3.41	ppb
Selenium	82-1	195.04	192.68	191.99	193.23	0.83	ppb
Silicon	28-1	490.68	489.88	487.29	489.28	0.36	ppb
Silver	109-1	99.06	98.50	98.64	98.73	0.30	ppb
Silver	107-1	99.43	98.36	98.95	98.91	0.54	ppb
Sodium	23-2	1889.68	1872.42	1908.48	1890.19	0.95	ppb
Strontium	86-1	480.62	481.05	479.80	480.49	0.13	ppb
Strontium	88-1	485.43	483.34	482.09	483.62	0.35	ppb
Sulfur	34-1	-355.07	-333.97	-517.29	-402.11		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	188.35	187.27	188.39	188.00	0.34	ppb
Thallium	205-1	190.22	189.50	188.37	189.36	0.49	ppb
Tin	118-1	497.75	493.43	492.83	494.67	0.54	ppb
Titanium	47-1	475.00	477.38	474.71	475.70	0.31	ppb
Uranium	238-1	456.21	456.19	452.34	454.91	0.49	ppb
Vanadium	51-2	92.30	90.77	91.95	91.67	0.88	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	191.22	191.24	190.25	190.90	0.30	ppb
Zirconium	90-1	483.87	482.32	480.41	482.20	0.36	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:08:42	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.37	479.95	477.12	479.81	0.55	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:38:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.53	17.63	18.90	18.02	4.26	ppb
Antimony	121-1	1.89	1.74	1.82	1.82	4.20	ppb
Arsenic	75-2	0.97	0.99	1.01	0.99	2.03	ppb
Barium	135-1	9.20	8.75	8.63	8.86	3.42	ppb
Barium	137-1	8.88	8.90	9.03	8.94	0.88	ppb
Beryllium	9-1	1.05	1.06	0.97	1.02	4.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	22.01	23.38	20.62	22.00	6.27	ppb
Boron	11-1	21.92	21.09	22.59	21.87	3.42	ppb
Cadmium	111-1	0.95	0.83	0.82	0.87	8.17	ppb
Cadmium	106-1	0.76	0.53	-0.47	0.27	241.12	ppb
Cadmium	108-1	1.21	1.13	1.13	1.16	3.95	ppb
Calcium	43-1	432.22	401.59	432.98	422.26	4.24	ppb
Calcium	44-1	420.40	416.98	412.58	416.65	0.94	ppb
Chromium	52-2	1.98	1.99	1.99	1.99	0.27	ppb
Cobalt	59-2	1.02	0.94	0.93	0.96	5.08	ppb
Copper	63-2	1.91	2.03	1.94	1.96	3.06	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				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	49.34	48.38	47.71	48.48	1.69	ppb
Iron	57-2	45.54	50.79	50.27	48.87	5.93	ppb
Lead	206-1	0.89	0.88	0.92	0.90	2.61	ppb
Lead	207-1	0.97	0.90	0.87	0.91	5.50	ppb
Lead	208-1	0.91	0.91	0.91	0.91	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	441.88	442.81	445.45	443.38	0.42	ppb
Manganese	55-2	0.87	0.83	1.05	0.92	13.02	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:38:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.75	4.46	4.51	4.57	3.44	ppb
Molybdenum	95-1	4.39	4.50	4.33	4.41	1.91	ppb
Molybdenum	96-1	4.52	4.37	4.51	4.47	1.83	ppb
Molybdenum	97-1	4.49	4.44	4.37	4.43	1.32	ppb
Molybdenum	98-1	4.55	4.62	4.41	4.53	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.91	0.89	0.90	1.36	ppb
Phosphorus	31-2	39.22	33.92	21.08	31.41	29.69	ppb
Potassium	39-2	461.44	459.42	454.93	458.60	0.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	5.50	4.72	6.87	5.70	19.07	ppb
Selenium	78-2	4.74	4.63	4.78	4.72	1.63	ppb
Selenium	82-1	3.99	4.29	4.05	4.11	3.91	ppb
Silicon	28-1	7.60	7.29	7.11	7.33	3.38	ppb
Silver	109-1	0.98	0.99	1.00	0.99	0.77	ppb
Silver	107-1	0.99	1.02	1.06	1.02	3.14	ppb
Sodium	23-2	465.27	464.28	461.11	463.55	0.47	ppb
Strontium	86-1	0.95	0.97	0.91	0.94	2.83	ppb
Strontium	88-1	0.92	0.90	0.93	0.92	2.14	ppb
Sulfur	34-1	-215.56	-48.09	-399.85	-221.16		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.97	0.91	0.89	0.92	4.85	ppb
Thallium	205-1	0.89	0.93	0.90	0.91	2.23	ppb
Tin	118-1	4.58	4.73	4.59	4.63	1.83	ppb
Titanium	47-1	4.95	4.56	4.48	4.66	5.44	ppb
Uranium	238-1	0.88	0.84	0.86	0.86	2.30	ppb
Vanadium	51-2	4.48	4.59	4.49	4.52	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2.14	2.04	2.40	2.19	8.55	ppb
Zirconium	90-1	0.95	0.95	0.90	0.93	2.71	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:38:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	1.09	1.01	1.01	7.60	ppb

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 14:43:14 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.33	0.05	-0.04		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	59.28	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	251.53	ppb
Barium	135-1	0.02	0.00	0.02	0.01	115.12	ppb
Barium	137-1	0.00	0.02	0.00	0.01	175.48	ppb
Beryllium	9-1	0.02	0.07	0.03	0.04	56.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	0.35	1.32	0.80	0.82	59.15	ppb
Boron	11-1	1.41	0.83	0.95	1.07	28.79	ppb
Cadmium	111-1	0.03	-0.17	-0.12	-0.09		ppb
Cadmium	106-1	0.36	-2.34	-1.67	-1.22		ppb
Cadmium	108-1	-0.01	0.06	0.03	0.03	150.86	ppb
Calcium	43-1	-1.56	-0.70	-0.69	-0.99		ppb
Calcium	44-1	-0.95	-0.91	0.22	-0.54		ppb
Chromium	52-2	0.02	0.02	0.00	0.01	78.92	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.34	0.28	0.40	0.34	17.35	ppb
Iron	57-2	-0.90	2.05	-1.73	-0.19		ppb
Lead	206-1	0.02	0.01	0.03	0.02	39.01	ppb
Lead	207-1	0.01	0.02	0.03	0.02	61.67	ppb
Lead	208-1	0.01	0.02	0.02	0.02	22.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.65	-0.81	-0.76	-0.74		ppb
Manganese	55-2	0.03	0.00	0.01	0.01	120.37	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:43:14	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.00	0.01	220.38	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	50.92	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	77.50	ppb
Molybdenum	97-1	0.00	0.01	0.03	0.01	100.13	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	71.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	12.86	15.52	7.75	12.05	32.79	ppb
Potassium	39-2	1.79	-3.51	-5.17	-2.30		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	0.47	-0.23	-0.23	0.00	14243.34	ppb
Selenium	78-2	-0.42	0.14	-0.09	-0.12		ppb
Selenium	82-1	-0.12	-0.27	0.47	0.03	1387.09	ppb
Silicon	28-1	-6.11	-6.07	-6.65	-6.28		ppb
Silver	109-1	0.00	0.01	0.01	0.01	49.77	ppb
Silver	107-1	0.01	0.00	0.00	0.00	25.36	ppb
Sodium	23-2	5.77	6.09	6.22	6.03	3.85	ppb
Strontium	86-1	0.09	0.01	-0.02	0.03	192.20	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	75.58	ppb
Sulfur	34-1	-193.98	-175.63	-90.39	-153.33		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.00	120.71	ppb
Tin	118-1	0.02	0.05	0.03	0.04	37.99	ppb
Titanium	47-1	-0.01	-0.03	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	53.85	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	0.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.02	-0.11	-0.05	-0.05		ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	66.03	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:43:14	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	260.98	ppb

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 14:46:49 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85872.10	85710.17	84655.93	85412.73	0.77	ppb
Antimony	121-1	1.29	1.27	1.27	1.28	1.11	ppb
Arsenic	75-2	0.27	0.28	0.28	0.28	2.81	ppb
Barium	135-1	1.40	1.51	1.39	1.43	4.51	ppb
Barium	137-1	1.41	1.42	1.44	1.42	1.04	ppb
Beryllium	9-1	0.31	0.34	0.21	0.29	23.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	1.33	2.58	1.98	1.96	32.02	ppb
Boron	11-1	1.94	1.65	2.14	1.91	12.72	ppb
Cadmium	111-1	0.18	0.16	-0.05	0.10	127.61	ppb
Cadmium	106-1	-1.58	-1.56	-4.11	-2.42		ppb
Cadmium	108-1	8.21	8.51	7.36	8.03	7.44	ppb
Calcium	43-1	88446.73	88500.57	88018.91	88322.07	0.30	ppb
Calcium	44-1	88664.52	88485.85	88072.82	88407.73	0.34	ppb
Chromium	52-2	18.59	18.97	18.45	18.67	1.45	ppb
Cobalt	59-2	1.17	1.08	1.12	1.12	3.71	ppb
Copper	63-2	7.45	7.32	7.44	7.40	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	96615.28	96742.07	95476.91	96278.09	0.72	ppb
Iron	57-2	97290.03	97707.93	96329.51	97109.16	0.73	ppb
Lead	206-1	4.41	4.39	4.28	4.36	1.66	ppb
Lead	207-1	3.78	3.83	3.76	3.79	1.05	ppb
Lead	208-1	4.04	4.06	3.99	4.03	0.85	ppb
Lithium	6-1				85		%
Magnesium	24-2	90373.73	90803.99	89289.37	90155.70	0.87	ppb
Manganese	55-2	7.45	7.56	7.51	7.51	0.74	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:46:49	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1305.52	1293.17	1296.50	1298.40	0.49	ppb
Molybdenum	95-1	1885.12	1875.42	1869.59	1876.71	0.42	ppb
Molybdenum	96-1	1796.21	1779.83	1785.66	1787.24	0.46	ppb
Molybdenum	97-1	1853.40	1845.47	1835.27	1844.71	0.49	ppb
Molybdenum	98-1	1855.92	1856.63	1851.31	1854.62	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.44	5.27	5.03	5.25	3.97	ppb
Phosphorus	31-2	93476.60	91808.43	91575.64	92286.89	1.12	ppb
Potassium	39-2	93682.20	93985.20	92352.29	93339.89	0.93	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	-0.47	-0.89	1.57	0.07	1901.52	ppb
Selenium	82-1	0.75	0.44	-1.09	0.03	2864.27	ppb
Silicon	28-1	14.35	15.35	13.83	14.51	5.32	ppb
Silver	109-1	0.07	0.09	0.09	0.09	13.08	ppb
Silver	107-1	0.07	0.09	0.08	0.08	8.84	ppb
Sodium	23-2	92767.06	93069.51	91576.36	92470.98	0.85	ppb
Strontium	86-1	32.22	31.95	32.02	32.06	0.44	ppb
Strontium	88-1	32.12	32.11	31.81	32.01	0.54	ppb
Sulfur	34-1	95889.47	95466.61	94910.54	95422.20	0.51	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.07	0.08	0.07	5.60	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.08	ppb
Tin	118-1	0.17	0.19	0.16	0.18	8.85	ppb
Titanium	47-1	1885.04	1875.04	1867.42	1875.83	0.47	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.61	ppb
Vanadium	51-2	0.16	0.14	0.18	0.16	11.36	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	10.61	10.91	11.89	11.14	6.01	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	8.55	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:46:49	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.02	31.36	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:50:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84778.01	85399.64	84770.46	84982.70	0.42	ppb
Antimony	121-1	20.11	19.73	19.86	19.90	0.97	ppb
Arsenic	75-2	19.50	19.11	19.14	19.25	1.13	ppb
Barium	135-1	20.77	20.85	19.95	20.52	2.44	ppb
Barium	137-1	20.79	20.37	20.58	20.58	1.02	ppb
Beryllium	9-1	19.85	19.61	20.19	19.89	1.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	54.92	53.70	56.18	54.93	2.26	ppb
Boron	11-1	56.44	56.28	57.42	56.71	1.09	ppb
Cadmium	111-1	19.55	19.06	19.44	19.35	1.32	ppb
Cadmium	106-1	23.05	22.12	21.77	22.31	2.95	ppb
Cadmium	108-1	30.65	31.31	29.45	30.47	3.09	ppb
Calcium	43-1	88711.96	88772.22	88310.24	88598.14	0.28	ppb
Calcium	44-1	89010.81	88649.68	87960.37	88540.29	0.60	ppb
Chromium	52-2	38.52	38.22	37.30	38.01	1.66	ppb
Cobalt	59-2	20.12	20.08	20.13	20.11	0.14	ppb
Copper	63-2	26.63	26.60	26.61	26.61	0.06	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				98		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	96673.32	96665.32	96307.38	96548.67	0.22	ppb
Iron	57-2	97097.85	97520.37	97342.73	97320.32	0.22	ppb
Lead	206-1	23.54	24.05	23.52	23.71	1.27	ppb
Lead	207-1	21.35	22.04	21.82	21.73	1.62	ppb
Lead	208-1	22.45	22.64	22.47	22.52	0.48	ppb
Lithium	6-1				85		%
Magnesium	24-2	89396.00	89547.09	89569.56	89504.22	0.11	ppb
Manganese	55-2	26.34	27.12	26.72	26.73	1.46	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:50:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1423.94	1421.31	1409.35	1418.20	0.55	ppb
Molybdenum	95-1	1913.98	1903.55	1901.77	1906.43	0.35	ppb
Molybdenum	96-1	1856.47	1847.41	1837.14	1847.01	0.52	ppb
Molybdenum	97-1	1898.67	1900.66	1882.73	1894.02	0.52	ppb
Molybdenum	98-1	1911.55	1907.78	1895.88	1905.07	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.06	24.85	24.87	24.93	0.45	ppb
Phosphorus	31-2	93218.55	94237.95	93032.59	93496.36	0.69	ppb
Potassium	39-2	93263.19	93414.59	92801.29	93159.69	0.34	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	18.99	19.05	19.74	19.26	2.17	ppb
Selenium	78-2	17.09	15.07	19.54	17.24	12.98	ppb
Selenium	82-1	19.85	19.60	18.44	19.29	3.90	ppb
Silicon	28-1	67.23	68.78	68.04	68.02	1.14	ppb
Silver	109-1	18.46	18.40	18.10	18.32	1.04	ppb
Silver	107-1	18.24	18.46	18.38	18.36	0.61	ppb
Sodium	23-2	91252.93	91439.46	92114.62	91602.34	0.49	ppb
Strontium	86-1	83.01	82.48	81.97	82.49	0.63	ppb
Strontium	88-1	82.98	83.03	82.55	82.85	0.32	ppb
Sulfur	34-1	96744.23	96278.99	96174.61	96399.28	0.31	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	19.56	19.39	19.84	19.60	1.16	ppb
Thallium	205-1	19.44	19.63	19.42	19.50	0.58	ppb
Tin	118-1	51.39	50.19	50.14	50.57	1.40	ppb
Titanium	47-1	1946.51	1935.51	1914.13	1932.05	0.85	ppb
Uranium	238-1	50.91	50.89	50.54	50.78	0.40	ppb
Vanadium	51-2	19.01	19.10	18.62	18.91	1.34	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	31.22	31.50	30.69	31.13	1.32	ppb
Zirconium	90-1	50.55	50.54	50.06	50.38	0.56	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:50:23	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.57	50.60	50.18	50.78	1.40	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:53:58	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48852.74	48787.03	48860.94	48833.57	0.08	ppb
Antimony	121-1	497.42	499.71	493.27	496.80	0.66	ppb
Arsenic	75-2	502.11	498.30	503.00	501.14	0.50	ppb
Barium	135-1	2527.92	2538.24	2530.44	2532.20	0.21	ppb
Barium	137-1	2516.51	2524.68	2509.74	2516.98	0.30	ppb
Beryllium	9-1	505.68	507.29	500.52	504.49	0.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	439.32	470.69	479.32	463.11	4.55	ppb
Boron	11-1	457.64	475.02	473.51	468.72	2.05	ppb
Cadmium	111-1	489.02	491.01	483.79	487.94	0.76	ppb
Cadmium	106-1	488.59	498.83	484.63	490.68	1.49	ppb
Cadmium	108-1	498.74	482.79	487.61	489.71	1.67	ppb
Calcium	43-1	244160.27	244845.66	241139.27	243381.73	0.81	ppb
Calcium	44-1	240304.68	240611.22	237400.19	239438.70	0.74	ppb
Chromium	52-2	514.64	509.88	508.84	511.12	0.61	ppb
Cobalt	59-2	490.05	485.97	485.69	487.24	0.50	ppb
Copper	63-2	962.16	951.46	949.02	954.21	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	124447.84	123287.66	123270.55	123668.68	0.55	ppb
Iron	57-2	125887.11	125198.20	125351.35	125478.89	0.29	ppb
Lead	206-1	505.03	502.81	502.64	503.50	0.26	ppb
Lead	207-1	504.67	499.95	503.65	502.75	0.49	ppb
Lead	208-1	511.30	510.24	510.98	510.84	0.11	ppb
Lithium	6-1				88		%
Magnesium	24-2	242900.76	240496.43	241564.37	241653.85	0.50	ppb
Manganese	55-2	990.43	984.80	984.21	986.48	0.35	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:53:58	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2494.03	2510.24	2479.07	2494.45	0.62	ppb
Molybdenum	95-1	2490.91	2501.58	2483.94	2492.14	0.36	ppb
Molybdenum	96-1	2498.57	2498.61	2494.44	2497.21	0.10	ppb
Molybdenum	97-1	2500.16	2493.16	2483.40	2492.24	0.34	ppb
Molybdenum	98-1	2495.10	2492.99	2472.64	2486.91	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.05	489.79	490.66	493.16	1.04	ppb
Phosphorus	31-2	10420.63	10018.70	10172.91	10204.08	1.99	ppb
Potassium	39-2	123547.98	123412.45	123342.35	123434.26	0.08	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	77-2	505.01	484.88	493.62	494.50	2.04	ppb
Selenium	78-2	489.57	486.04	509.83	495.15	2.59	ppb
Selenium	82-1	482.70	487.65	483.44	484.60	0.55	ppb
Silicon	28-1	492.27	491.69	485.81	489.92	0.73	ppb
Silver	109-1	490.34	492.33	486.72	489.80	0.58	ppb
Silver	107-1	487.83	491.15	487.07	488.68	0.44	ppb
Sodium	23-2	245085.09	242867.56	242878.05	243610.23	0.52	ppb
Strontium	86-1	497.18	503.97	496.66	499.27	0.82	ppb
Strontium	88-1	502.38	504.77	499.27	502.14	0.55	ppb
Sulfur	34-1	9504.42	9597.75	9304.50	9468.89	1.58	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	515.10	512.35	510.79	512.75	0.43	ppb
Thallium	205-1	512.42	509.51	509.44	510.45	0.33	ppb
Tin	118-1	467.07	471.98	463.32	467.46	0.93	ppb
Titanium	47-1	2470.73	2471.89	2448.56	2463.73	0.53	ppb
Uranium	238-1	503.40	503.73	499.21	502.11	0.50	ppb
Vanadium	51-2	501.87	500.11	495.59	499.19	0.65	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	941.44	933.61	944.40	939.81	0.59	ppb
Zirconium	90-1	502.14	500.53	499.47	500.71	0.27	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:53:58	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.62	497.67	493.39	496.23	0.50	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:58:56	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.09	22.48	18.65	19.07	16.88	ppb
Antimony	121-1	1.97	1.94	1.92	1.94	1.15	ppb
Arsenic	75-2	0.90	1.02	1.08	1.00	8.78	ppb
Barium	135-1	9.39	9.19	10.05	9.54	4.71	ppb
Barium	137-1	9.59	9.50	9.10	9.40	2.80	ppb
Beryllium	9-1	1.16	1.10	1.07	1.11	3.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	28.34	30.23	26.70	28.42	6.21	ppb
Boron	11-1	28.58	30.28	29.57	29.48	2.90	ppb
Cadmium	111-1	0.95	1.04	1.05	1.02	5.34	ppb
Cadmium	106-1	-0.60	0.90	0.90	0.40	217.70	ppb
Cadmium	108-1	1.03	1.02	1.16	1.07	7.41	ppb
Calcium	43-1	442.76	421.05	438.73	434.18	2.66	ppb
Calcium	44-1	428.36	448.83	442.20	439.80	2.37	ppb
Chromium	52-2	1.94	1.90	2.08	1.97	4.69	ppb
Cobalt	59-2	0.94	0.99	0.97	0.96	2.57	ppb
Copper	63-2	2.10	2.08	2.15	2.11	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				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	53.02	53.45	52.23	52.90	1.17	ppb
Iron	57-2	41.68	44.95	54.91	47.18	14.60	ppb
Lead	206-1	0.96	1.09	1.00	1.02	6.69	ppb
Lead	207-1	1.02	1.03	0.97	1.01	3.18	ppb
Lead	208-1	1.01	1.04	0.99	1.02	2.55	ppb
Lithium	6-1				90		%
Magnesium	24-2	451.88	452.78	458.84	454.50	0.83	ppb
Manganese	55-2	1.00	0.91	0.93	0.94	5.07	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:58:56	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.94	4.84	4.68	4.82	2.75	ppb
Molybdenum	95-1	4.63	4.66	4.87	4.72	2.84	ppb
Molybdenum	96-1	4.60	4.90	4.63	4.71	3.46	ppb
Molybdenum	97-1	4.66	4.73	4.91	4.77	2.63	ppb
Molybdenum	98-1	4.71	4.82	4.72	4.75	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.06	0.97	1.04	5.85	ppb
Phosphorus	31-2	12.90	4.79	2.37	6.69	82.57	ppb
Potassium	39-2	459.89	469.13	468.22	465.75	1.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	77-2	5.66	3.42	3.43	4.17	30.92	ppb
Selenium	78-2	4.14	3.71	3.12	3.66	13.91	ppb
Selenium	82-1	4.77	4.58	4.98	4.78	4.17	ppb
Silicon	28-1	7.11	7.96	8.20	7.76	7.39	ppb
Silver	109-1	1.01	1.09	1.06	1.05	3.81	ppb
Silver	107-1	1.10	1.11	0.98	1.07	6.69	ppb
Sodium	23-2	507.14	506.84	506.20	506.73	0.09	ppb
Strontium	86-1	0.85	1.07	1.09	1.00	13.36	ppb
Strontium	88-1	1.00	0.94	0.96	0.97	3.30	ppb
Sulfur	34-1	-765.42	-467.57	-538.22	-590.41		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.99	1.00	0.98	0.99	0.57	ppb
Thallium	205-1	1.02	0.99	0.95	0.99	3.73	ppb
Tin	118-1	4.81	4.84	4.69	4.78	1.63	ppb
Titanium	47-1	4.97	5.15	4.94	5.02	2.25	ppb
Uranium	238-1	0.92	0.91	0.93	0.92	1.14	ppb
Vanadium	51-2	4.49	4.56	4.68	4.58	2.11	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	2.19	2.45	2.46	2.37	6.46	ppb
Zirconium	90-1	1.00	0.95	1.03	0.99	4.38	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:58:56	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.93	1.00	0.94	6.30	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:02:31	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.20	0.32	0.06	445.21	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	24.94	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	137.39	ppb
Barium	135-1	0.00	0.00	0.01	0.00	227.66	ppb
Barium	137-1	0.00	0.02	0.01	0.01	66.38	ppb
Beryllium	9-1	0.13	0.11	0.09	0.11	16.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	4.95	4.28	5.29	4.84	10.58	ppb
Boron	11-1	4.66	4.48	4.02	4.39	7.50	ppb
Cadmium	111-1	-0.05	-0.19	-0.01	-0.08		ppb
Cadmium	106-1	-0.92	-2.75	-0.24	-1.30		ppb
Cadmium	108-1	-0.05	-0.05	0.06	-0.01		ppb
Calcium	43-1	-3.16	-1.84	-0.05	-1.68		ppb
Calcium	44-1	-0.10	-0.44	-0.21	-0.25		ppb
Chromium	52-2	0.01	0.02	0.00	0.01	63.40	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	0.05	0.02	0.03	47.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	1.54	1.40	1.61	1.52	6.98	ppb
Iron	57-2	-1.55	-0.55	0.03	-0.69		ppb
Lead	206-1	0.05	0.05	0.05	0.05	4.17	ppb
Lead	207-1	0.04	0.03	0.03	0.03	29.20	ppb
Lead	208-1	0.04	0.04	0.05	0.04	9.87	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.38	-0.66	-0.60	-0.54		ppb
Manganese	55-2	0.02	0.00	0.03	0.01	96.50	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:02:31	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	0.04	0.01	452.78	ppb
Molybdenum	95-1	0.00	0.02	0.03	0.02	70.24	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	37.94	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	27.81	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	17.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.04	-0.04		ppb
Phosphorus	31-2	9.17	-1.33	9.24	5.69	106.76	ppb
Potassium	39-2	-1.61	-7.05	-8.25	-5.64		ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	-0.23	0.49	-0.23	0.01	4638.57	ppb
Selenium	78-2	0.03	-0.55	-0.42	-0.31		ppb
Selenium	82-1	-0.55	-0.33	0.21	-0.22		ppb
Silicon	28-1	-8.98	-8.61	-8.61	-8.73		ppb
Silver	109-1	0.01	0.02	0.01	0.01	48.01	ppb
Silver	107-1	0.02	0.01	0.01	0.01	42.10	ppb
Sodium	23-2	26.31	24.46	25.27	25.35	3.66	ppb
Strontium	86-1	-0.02	0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-871.83	-987.49	-965.90	-941.74		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.01	0.02	36.15	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	13.03	ppb
Tin	118-1	0.03	0.01	0.00	0.01	103.01	ppb
Titanium	47-1	0.02	0.03	0.07	0.04	68.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	153.46	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	56.88	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	-0.04	-0.17	-0.03		ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	86.22	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:02:31	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	158.10	ppb

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 15:06:04 DataFile Name : 020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	14.39	18.87	17.76	16.76	ppb
Antimony	121-1	1.87	1.84	1.90	1.87	1.65	ppb
Arsenic	75-2	0.93	1.08	0.97	0.99	7.50	ppb
Barium	135-1	9.54	9.07	8.99	9.20	3.24	ppb
Barium	137-1	9.17	9.14	9.35	9.22	1.25	ppb
Beryllium	9-1	1.02	0.95	1.09	1.02	7.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	21.29	24.62	23.63	23.18	7.38	ppb
Boron	11-1	22.45	24.45	24.46	23.79	4.87	ppb
Cadmium	111-1	0.74	0.91	0.77	0.81	11.19	ppb
Cadmium	106-1	-1.85	-0.06	-0.98	-0.96		ppb
Cadmium	108-1	1.32	1.06	0.99	1.12	15.68	ppb
Calcium	43-1	439.72	422.73	400.25	420.90	4.70	ppb
Calcium	44-1	414.83	417.23	402.82	411.63	1.88	ppb
Chromium	52-2	1.95	1.95	1.91	1.94	1.04	ppb
Cobalt	59-2	0.95	1.00	0.99	0.98	3.13	ppb
Copper	63-2	2.35	2.32	2.21	2.29	3.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	50.05	49.46	49.27	49.59	0.82	ppb
Iron	57-2	46.58	44.31	51.92	47.60	8.21	ppb
Lead	206-1	0.92	0.88	0.95	0.92	3.73	ppb
Lead	207-1	0.98	0.92	0.91	0.94	4.02	ppb
Lead	208-1	0.95	0.91	0.92	0.93	2.37	ppb
Lithium	6-1				93		%
Magnesium	24-2	445.51	442.65	429.97	439.37	1.88	ppb
Manganese	55-2	1.05	0.98	1.00	1.01	3.65	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:06:04	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.78	4.70	4.47	4.65	3.37	ppb
Molybdenum	95-1	4.58	4.48	4.38	4.48	2.18	ppb
Molybdenum	96-1	4.31	4.50	4.50	4.44	2.46	ppb
Molybdenum	97-1	4.55	4.51	4.83	4.63	3.86	ppb
Molybdenum	98-1	4.60	4.61	4.58	4.60	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.06	1.04	1.04	1.78	ppb
Phosphorus	31-2	7.19	9.77	-9.22	2.58	399.35	ppb
Potassium	39-2	449.74	455.69	446.16	450.53	1.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	10.68	1.21	2.65	4.84	105.27	ppb
Selenium	78-2	4.28	3.85	3.36	3.83	12.01	ppb
Selenium	82-1	4.86	5.22	4.96	5.02	3.72	ppb
Silicon	28-1	5.92	5.25	5.19	5.45	7.37	ppb
Silver	109-1	0.99	1.01	0.98	0.99	1.80	ppb
Silver	107-1	1.02	1.06	0.99	1.02	3.23	ppb
Sodium	23-2	477.79	470.55	474.24	474.19	0.76	ppb
Strontium	86-1	0.99	1.13	1.01	1.04	7.19	ppb
Strontium	88-1	0.95	0.94	0.91	0.93	2.44	ppb
Sulfur	34-1	-735.95	-763.62	-785.87	-761.82		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.91	0.95	0.94	0.93	2.07	ppb
Thallium	205-1	0.92	0.88	0.90	0.90	2.34	ppb
Tin	118-1	4.72	4.63	4.60	4.65	1.38	ppb
Titanium	47-1	4.65	4.96	4.79	4.80	3.19	ppb
Uranium	238-1	0.86	0.84	0.87	0.86	2.36	ppb
Vanadium	51-2	4.52	4.59	4.52	4.54	0.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	2.01	2.17	2.20	2.13	4.71	ppb
Zirconium	90-1	0.96	0.92	0.98	0.95	3.44	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:06:04	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.99	1.09	1.01	1.03	4.92	ppb

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : PB110129BL Instrumnet Name : P7
 Client Sample ID : PB110129BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 15:09:37 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.06	0.33	0.06	415.65	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	7.70	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	135.86	ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.13	0.07	0.07	0.09	37.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	2.06	2.72	2.47	2.42	13.96	ppb
Boron	11-1	3.05	1.94	1.72	2.24	31.88	ppb
Cadmium	111-1	-0.14	-0.05	-0.12	-0.10		ppb
Cadmium	106-1	-1.91	-0.75	-1.90	-1.52		ppb
Cadmium	108-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	-2.77	-2.74	-1.87	-2.46		ppb
Calcium	44-1	0.14	0.59	0.21	0.31	77.40	ppb
Chromium	52-2	0.02	-0.01	0.02	0.01	134.33	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	274.06	ppb
Copper	63-2	0.02	0.02	0.02	0.02	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	1.08	1.10	1.09	1.09	0.96	ppb
Iron	57-2	-0.13	-1.07	-1.42	-0.88		ppb
Lead	206-1	0.04	0.03	0.02	0.03	35.27	ppb
Lead	207-1	0.03	0.02	0.03	0.03	21.82	ppb
Lead	208-1	0.03	0.03	0.02	0.03	12.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.89	-0.46	-0.76	-0.70		ppb
Manganese	55-2	0.01	0.00	0.01	0.01	143.47	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BL	Instrumnet Name :	P7
Client Sample ID :	PB110129BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:09:37	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	113.02	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	229.19	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	88.96	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	51.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	2.02	14.85	-0.52	5.45	151.21	ppb
Potassium	39-2	-0.83	-6.21	-2.37	-3.14		ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	1.66	-0.77	-0.87	0.01	28582.45	ppb
Selenium	82-1	-0.92	-0.78	-0.48	-0.73		ppb
Silicon	28-1	-7.71	-7.69	-7.00	-7.47		ppb
Silver	109-1	0.00	0.00	0.00	0.00	216.13	ppb
Silver	107-1	0.00	0.00	0.01	0.01	53.68	ppb
Sodium	23-2	16.86	15.97	17.16	16.66	3.72	ppb
Strontium	86-1	0.03	0.02	-0.01	0.01	170.32	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-561.34	-521.96	-516.61	-533.30		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.02	0.02	0.01	56.21	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	19.49	ppb
Tin	118-1	-0.05	0.01	-0.04	-0.03		ppb
Titanium	47-1	0.03	0.01	0.01	0.01	78.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	113.38	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	-0.02	0.05	-0.15	-0.04		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BL	Instrumnet Name :	P7
Client Sample ID :	PB110129BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:09:37	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	121.46	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BS	Instrumnet Name :	P7
Client Sample ID :	PB110129BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:13:10	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9449.45	9360.37	9394.62	9401.48	0.48	ppb
Antimony	121-1	497.96	497.79	494.73	496.82	0.37	ppb
Arsenic	75-2	497.08	492.33	501.00	496.80	0.87	ppb
Barium	135-1	2483.86	2475.64	2451.72	2470.41	0.68	ppb
Barium	137-1	2485.17	2468.05	2458.18	2470.47	0.55	ppb
Beryllium	9-1	486.98	486.91	484.61	486.17	0.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	447.30	473.64	462.86	461.27	2.87	ppb
Boron	11-1	460.38	466.21	484.66	470.42	2.69	ppb
Cadmium	111-1	504.06	499.25	499.56	500.95	0.54	ppb
Cadmium	106-1	505.72	492.98	489.54	496.08	1.72	ppb
Cadmium	108-1	499.09	492.43	498.36	496.63	0.74	ppb
Calcium	43-1	46696.92	46507.60	46273.70	46492.74	0.46	ppb
Calcium	44-1	46671.35	46361.60	46329.13	46454.03	0.41	ppb
Chromium	52-2	493.25	490.74	491.37	491.79	0.27	ppb
Cobalt	59-2	495.17	494.95	495.24	495.12	0.03	ppb
Copper	63-2	996.75	988.24	987.14	990.71	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	25488.75	25221.62	25376.37	25362.25	0.53	ppb
Iron	57-2	25201.74	25187.22	24997.33	25128.76	0.45	ppb
Lead	206-1	487.32	479.47	478.59	481.79	1.00	ppb
Lead	207-1	485.06	480.77	479.52	481.78	0.60	ppb
Lead	208-1	492.72	487.63	488.02	489.46	0.58	ppb
Lithium	6-1				90		%
Magnesium	24-2	48095.56	47607.75	47481.03	47728.11	0.68	ppb
Manganese	55-2	981.40	972.26	981.59	978.41	0.55	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BS	Instrumnet Name :	P7
Client Sample ID :	PB110129BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:13:10	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2459.20	2450.99	2453.64	2454.61	0.17	ppb
Molybdenum	95-1	2456.60	2435.98	2443.53	2445.37	0.43	ppb
Molybdenum	96-1	2459.84	2432.91	2437.76	2443.50	0.59	ppb
Molybdenum	97-1	2431.71	2420.74	2417.04	2423.16	0.31	ppb
Molybdenum	98-1	2438.61	2429.31	2419.82	2429.25	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.33	498.77	501.28	501.46	0.56	ppb
Phosphorus	31-2	9942.76	10098.39	9934.39	9991.85	0.92	ppb
Potassium	39-2	24821.16	24652.79	24759.19	24744.38	0.34	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	508.17	527.54	463.37	499.69	6.59	ppb
Selenium	78-2	492.82	497.86	504.32	498.33	1.16	ppb
Selenium	82-1	497.31	489.33	492.70	493.11	0.81	ppb
Silicon	28-1	558.30	561.22	562.71	560.74	0.40	ppb
Silver	109-1	510.18	507.39	508.83	508.80	0.27	ppb
Silver	107-1	509.53	505.39	506.80	507.24	0.41	ppb
Sodium	23-2	49185.60	48531.58	48608.86	48775.35	0.73	ppb
Strontium	86-1	486.84	485.40	481.09	484.45	0.62	ppb
Strontium	88-1	492.15	488.57	488.43	489.72	0.43	ppb
Sulfur	34-1	9206.56	9171.37	9067.95	9148.62	0.79	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	498.25	493.10	489.94	493.77	0.85	ppb
Thallium	205-1	494.30	490.30	488.11	490.91	0.64	ppb
Tin	118-1	492.87	493.07	490.64	492.19	0.27	ppb
Titanium	47-1	2431.45	2420.70	2413.09	2421.74	0.38	ppb
Uranium	238-1	478.44	473.89	474.84	475.72	0.50	ppb
Vanadium	51-2	494.62	491.94	488.79	491.78	0.59	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	996.43	994.13	994.46	995.00	0.13	ppb
Zirconium	90-1	491.95	489.63	484.71	488.76	0.76	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BS	Instrumnet Name :	P7
Client Sample ID :	PB110129BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:13:10	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.53	487.43	487.17	488.04	0.27	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01	Instrumnet Name :	P7
Client Sample ID :	LF5-0068	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:16:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	179.49	188.30	170.84	179.54	4.86	ppb
Antimony	121-1	3.16	2.81	2.50	2.82	11.79	ppb
Arsenic	75-2	1.06	0.88	0.95	0.96	9.12	ppb
Barium	135-1	8.29	8.20	8.34	8.28	0.87	ppb
Barium	137-1	8.20	8.54	8.06	8.27	3.00	ppb
Beryllium	9-1	0.35	0.28	0.35	0.33	11.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	10-1	32.38	31.88	29.44	31.24	5.04	ppb
Boron	11-1	34.47	30.51	30.05	31.68	7.66	ppb
Cadmium	111-1	-0.03	-0.01	0.08	0.02	361.08	ppb
Cadmium	106-1	-2.04	-2.13	-0.41	-1.53		ppb
Cadmium	108-1	0.16	0.20	0.24	0.20	19.23	ppb
Calcium	43-1	56407.66	56293.00	56268.38	56323.01	0.13	ppb
Calcium	44-1	56960.18	56856.41	56679.84	56832.14	0.25	ppb
Chromium	52-2	2.63	2.86	2.69	2.73	4.49	ppb
Cobalt	59-2	0.42	0.48	0.42	0.44	8.67	ppb
Copper	63-2	6.58	7.61	8.93	7.71	15.30	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				93		%
Holmium	165-2				87		%
Indium	115-1				96		%
Indium	115-2				86		%
Iron	56-2	382.51	385.39	381.58	383.16	0.52	ppb
Iron	57-2	489.42	481.64	481.34	484.13	0.95	ppb
Lead	206-1	0.89	0.80	0.71	0.80	10.86	ppb
Lead	207-1	0.74	0.82	0.70	0.75	8.51	ppb
Lead	208-1	0.82	0.80	0.75	0.79	4.62	ppb
Lithium	6-1				83		%
Magnesium	24-2	10906.50	11039.16	10885.90	10943.85	0.76	ppb
Manganese	55-2	21.84	22.14	21.95	21.97	0.69	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01	Instrumnet Name :	P7
Client Sample ID :	LF5-0068	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:16:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.64	0.74	0.59	0.66	11.74	ppb
Molybdenum	95-1	0.42	0.45	0.40	0.42	5.40	ppb
Molybdenum	96-1	0.43	0.44	0.46	0.44	4.11	ppb
Molybdenum	97-1	0.44	0.41	0.41	0.42	4.37	ppb
Molybdenum	98-1	0.45	0.44	0.39	0.43	7.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.62	2.65	2.56	5.04	ppb
Phosphorus	31-2	32.39	18.14	11.10	20.54	52.81	ppb
Potassium	39-2	1766.05	1784.84	1735.73	1762.21	1.41	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				77		%
Scandium	45-2				79		%
Selenium	77-2	1.45	3.14	0.61	1.73	74.21	ppb
Selenium	78-2	0.23	0.51	0.23	0.32	49.99	ppb
Selenium	82-1	-0.66	-0.88	-0.63	-0.72		ppb
Silicon	28-1	5759.12	5713.91	5715.11	5729.38	0.45	ppb
Silver	109-1	0.74	0.77	0.61	0.71	11.72	ppb
Silver	107-1	0.78	0.76	0.66	0.73	8.92	ppb
Sodium	23-2	65099.24	66322.79	65118.20	65513.41	1.07	ppb
Strontium	86-1	424.47	424.96	420.99	423.47	0.51	ppb
Strontium	88-1	429.62	430.79	427.81	429.40	0.35	ppb
Sulfur	34-1	7797.52	7721.84	7701.26	7740.21	0.65	ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	0.43	0.27	0.20	0.30	39.18	ppb
Thallium	205-1	0.43	0.28	0.18	0.29	42.28	ppb
Tin	118-1	5.12	4.73	4.41	4.75	7.52	ppb
Titanium	47-1	2.76	3.26	2.96	2.99	8.42	ppb
Uranium	238-1	0.28	0.27	0.28	0.28	1.48	ppb
Vanadium	51-2	0.84	0.79	0.86	0.83	4.16	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	15.52	16.60	15.55	15.89	3.87	ppb
Zirconium	90-1	0.23	0.20	0.23	0.22	6.49	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01	Instrumnet Name :	P7
Client Sample ID :	LF5-0068	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:16:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.24	0.19	0.21	13.93	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF5-0068DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:20:18	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	184.53	182.16	166.05	177.58	5.66	ppb
Antimony	121-1	1.98	1.82	1.84	1.88	4.60	ppb
Arsenic	75-2	0.89	0.98	0.84	0.91	7.88	ppb
Barium	135-1	8.28	7.75	7.82	7.95	3.64	ppb
Barium	137-1	8.56	8.10	7.80	8.15	4.71	ppb
Beryllium	9-1	0.12	0.17	0.11	0.13	24.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	16.90	14.99	15.30	15.73	6.52	ppb
Boron	11-1	17.23	16.71	15.71	16.55	4.67	ppb
Cadmium	111-1	-0.07	-0.20	-0.22	-0.17		ppb
Cadmium	106-1	-1.86	-3.57	-3.91	-3.12		ppb
Cadmium	108-1	0.21	-0.01	0.03	0.07	153.15	ppb
Calcium	43-1	59707.69	57560.13	56790.54	58019.45	2.61	ppb
Calcium	44-1	60299.74	57987.82	57497.32	58594.96	2.55	ppb
Chromium	52-2	2.61	2.71	2.60	2.64	2.27	ppb
Cobalt	59-2	0.32	0.40	0.43	0.38	15.24	ppb
Copper	63-2	20.25	21.20	22.24	21.23	4.70	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				95		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	56-2	390.33	386.87	386.65	387.95	0.53	ppb
Iron	57-2	493.49	499.60	487.10	493.40	1.27	ppb
Lead	206-1	0.70	0.66	0.65	0.67	4.38	ppb
Lead	207-1	0.66	0.60	0.57	0.61	7.46	ppb
Lead	208-1	0.66	0.64	0.63	0.64	2.74	ppb
Lithium	6-1				96		%
Magnesium	24-2	11062.38	11097.03	10872.25	11010.55	1.10	ppb
Manganese	55-2	21.64	22.03	22.18	21.95	1.26	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF5-0068DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:20:18	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.34	0.26	0.31	15.01	ppb
Molybdenum	95-1	0.14	0.10	0.11	0.12	14.11	ppb
Molybdenum	96-1	0.15	0.13	0.13	0.14	8.18	ppb
Molybdenum	97-1	0.20	0.15	0.15	0.17	16.46	ppb
Molybdenum	98-1	0.10	0.10	0.13	0.11	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.16	2.65	2.50	11.80	ppb
Phosphorus	31-2	43.72	34.10	11.00	29.61	56.79	ppb
Potassium	39-2	1749.39	1751.19	1733.81	1744.80	0.55	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				74		%
Scandium	45-2				79		%
Selenium	77-2	1.46	3.96	4.77	3.40	50.86	ppb
Selenium	78-2	-0.74	-1.31	-0.92	-0.99		ppb
Selenium	82-1	-1.29	-0.58	-0.79	-0.89		ppb
Silicon	28-1	6015.88	5710.48	5651.39	5792.59	3.38	ppb
Silver	109-1	0.38	0.36	0.35	0.37	4.42	ppb
Silver	107-1	0.40	0.35	0.38	0.38	6.74	ppb
Sodium	23-2	66254.62	66151.42	65185.54	65863.86	0.90	ppb
Strontium	86-1	451.85	427.80	424.59	434.75	3.43	ppb
Strontium	88-1	457.60	438.18	432.45	442.74	2.98	ppb
Sulfur	34-1	8250.00	7132.90	7081.38	7488.09	8.82	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	0.05	0.04	0.05	0.05	10.26	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	26.52	ppb
Tin	118-1	3.40	3.54	3.50	3.48	2.11	ppb
Titanium	47-1	2.57	2.85	2.57	2.66	6.06	ppb
Uranium	238-1	0.26	0.24	0.25	0.25	3.37	ppb
Vanadium	51-2	0.92	0.94	0.90	0.92	2.34	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	15.39	15.52	16.21	15.70	2.79	ppb
Zirconium	90-1	0.16	0.17	0.19	0.17	8.53	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF5-0068DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:20:18	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.20	0.15	0.18	14.36	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF5-0068L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-11 15:23:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.00	63.56	35.39	45.32	34.91	ppb
Antimony	121-1	0.34	0.29	0.30	0.31	9.27	ppb
Arsenic	75-2	0.23	0.14	0.28	0.22	33.28	ppb
Barium	135-1	1.67	1.60	1.52	1.60	4.54	ppb
Barium	137-1	1.56	1.46	1.54	1.52	3.62	ppb
Beryllium	9-1	0.13	0.10	0.09	0.11	22.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	5.69	4.91	5.25	5.28	7.41	ppb
Boron	11-1	5.57	6.20	5.35	5.71	7.70	ppb
Cadmium	111-1	-0.12	-0.05	-0.17	-0.12		ppb
Cadmium	106-1	-2.06	-1.02	-2.52	-1.86		ppb
Cadmium	108-1	-0.05	-0.01	-0.01	-0.03		ppb
Calcium	43-1	11256.18	11443.65	11257.23	11319.02	0.95	ppb
Calcium	44-1	11443.00	11429.05	11296.88	11389.65	0.71	ppb
Chromium	52-2	0.51	0.55	0.50	0.52	5.85	ppb
Cobalt	59-2	0.07	0.07	0.08	0.07	11.32	ppb
Copper	63-2	4.61	4.47	4.46	4.51	1.88	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				103		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	78.70	77.39	77.91	78.00	0.84	ppb
Iron	57-2	96.46	93.38	90.31	93.38	3.29	ppb
Lead	206-1	0.13	0.17	0.14	0.15	13.83	ppb
Lead	207-1	0.13	0.11	0.12	0.12	10.68	ppb
Lead	208-1	0.14	0.13	0.13	0.13	1.93	ppb
Lithium	6-1				91		%
Magnesium	24-2	2211.16	2206.73	2180.71	2199.54	0.75	ppb
Manganese	55-2	4.21	4.35	4.46	4.34	2.94	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF5-0068L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-11 15:23:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.09	0.07	0.08	12.61	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	51.29	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	57.82	ppb
Molybdenum	97-1	0.05	0.06	0.02	0.05	46.62	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	40.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.46	0.54	0.46	15.67	ppb
Phosphorus	31-2	-11.27	0.06	0.24	-3.66		ppb
Potassium	39-2	342.97	342.26	339.95	341.72	0.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	77-2	0.54	0.54	-0.23	0.28	157.33	ppb
Selenium	78-2	-0.27	-2.07	-1.16	-1.17		ppb
Selenium	82-1	-0.11	-0.78	-0.25	-0.38		ppb
Silicon	28-1	1356.55	1354.86	1340.95	1350.79	0.63	ppb
Silver	109-1	0.10	0.11	0.11	0.11	7.99	ppb
Silver	107-1	0.13	0.12	0.12	0.13	6.15	ppb
Sodium	23-2	13269.00	13214.00	13207.78	13230.26	0.25	ppb
Strontium	86-1	85.24	84.63	83.50	84.46	1.05	ppb
Strontium	88-1	84.98	84.67	84.25	84.63	0.43	ppb
Sulfur	34-1	653.12	637.02	592.07	627.40	5.04	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.01	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	68.10	ppb
Tin	118-1	0.25	0.27	0.21	0.24	12.57	ppb
Titanium	47-1	0.51	0.47	0.54	0.51	6.49	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	9.85	ppb
Vanadium	51-2	0.29	0.29	0.32	0.30	5.41	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	3.14	3.36	3.43	3.31	4.51	ppb
Zirconium	90-1	0.02	0.05	0.03	0.03	39.58	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF5-0068L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-11 15:23:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.02	0.02	69.61	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MS	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:27:26	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8839.10	8821.68	8825.44	8828.74	0.10	ppb
Antimony	121-1	466.06	461.19	456.63	461.29	1.02	ppb
Arsenic	75-2	479.11	473.68	475.14	475.97	0.59	ppb
Barium	135-1	2354.37	2338.11	2318.12	2336.87	0.78	ppb
Barium	137-1	2367.43	2357.11	2350.95	2358.50	0.35	ppb
Beryllium	9-1	330.73	317.47	308.53	318.91	3.50	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	323.18	318.64	315.16	318.99	1.26	ppb
Boron	11-1	333.33	327.75	339.67	333.59	1.79	ppb
Cadmium	111-1	458.02	455.57	453.88	455.83	0.46	ppb
Cadmium	106-1	448.31	443.60	443.13	445.01	0.64	ppb
Cadmium	108-1	449.80	443.00	447.30	446.70	0.77	ppb
Calcium	43-1	106126.16	105437.61	105184.51	105582.76	0.46	ppb
Calcium	44-1	105846.94	105766.59	105071.77	105561.77	0.40	ppb
Chromium	52-2	496.05	495.09	490.57	493.90	0.59	ppb
Cobalt	59-2	506.42	502.90	499.15	502.82	0.72	ppb
Copper	63-2	1050.74	1038.59	1033.40	1040.91	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				87		%
Indium	115-1				89		%
Indium	115-2				80		%
Iron	56-2	26312.59	26056.06	25811.49	26060.05	0.96	ppb
Iron	57-2	25818.13	25790.47	25603.88	25737.49	0.45	ppb
Lead	206-1	463.26	464.72	464.54	464.17	0.17	ppb
Lead	207-1	446.93	448.06	449.81	448.27	0.32	ppb
Lead	208-1	463.73	465.03	465.60	464.79	0.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	57855.67	57577.56	57079.31	57504.18	0.68	ppb
Manganese	55-2	1001.34	1000.98	989.71	997.34	0.66	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MS	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:27:26	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2431.84	2419.60	2420.61	2424.01	0.28	ppb
Molybdenum	95-1	2393.41	2372.12	2379.48	2381.67	0.45	ppb
Molybdenum	96-1	2397.43	2395.83	2375.56	2389.61	0.51	ppb
Molybdenum	97-1	2384.72	2367.21	2357.21	2369.71	0.59	ppb
Molybdenum	98-1	2401.03	2378.17	2373.25	2384.15	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.49	514.68	513.26	514.48	0.22	ppb
Phosphorus	31-2	14.14	17.29	0.38	10.60	84.81	ppb
Potassium	39-2	25007.60	24867.08	24763.76	24879.48	0.49	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				73		%
Scandium	45-2				76		%
Selenium	77-2	480.94	495.53	477.41	484.63	1.98	ppb
Selenium	78-2	465.06	465.48	466.03	465.52	0.10	ppb
Selenium	82-1	469.82	464.44	461.47	465.24	0.91	ppb
Silicon	28-1	5971.01	5915.17	5889.86	5925.35	0.70	ppb
Silver	109-1	392.90	388.38	388.17	389.81	0.69	ppb
Silver	107-1	391.69	388.33	385.53	388.52	0.79	ppb
Sodium	23-2	111325.21	111220.80	110022.21	110856.07	0.65	ppb
Strontium	86-1	897.95	897.67	896.39	897.34	0.09	ppb
Strontium	88-1	912.54	907.81	906.93	909.09	0.33	ppb
Sulfur	34-1	7373.75	7051.44	7040.31	7155.16	2.65	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	470.59	471.99	474.64	472.41	0.44	ppb
Thallium	205-1	471.48	475.54	476.06	474.36	0.53	ppb
Tin	118-1	451.23	450.03	445.24	448.83	0.71	ppb
Titanium	47-1	2358.17	2329.48	2344.34	2343.99	0.61	ppb
Uranium	238-1	477.10	477.67	481.43	478.73	0.49	ppb
Vanadium	51-2	495.99	491.49	486.97	491.48	0.92	ppb
Yttrium	89-1				84		%
Yttrium	89-2				79		%
Zinc	66-2	991.99	985.68	983.44	987.03	0.45	ppb
Zirconium	90-1	477.54	473.89	474.17	475.20	0.43	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MS	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:27:26	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	475.12	474.97	469.66	473.25	0.66	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:31:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8969.77	9048.55	9013.35	9010.56	0.44	ppb
Antimony	121-1	480.31	471.06	468.95	473.44	1.28	ppb
Arsenic	75-2	492.29	490.18	487.06	489.84	0.54	ppb
Barium	135-1	2431.28	2407.50	2387.07	2408.62	0.92	ppb
Barium	137-1	2458.38	2410.47	2408.61	2425.82	1.16	ppb
Beryllium	9-1	322.15	318.33	309.35	316.61	2.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	335.35	339.20	339.56	338.04	0.69	ppb
Boron	11-1	347.31	346.59	347.06	346.98	0.11	ppb
Cadmium	111-1	471.54	468.53	461.08	467.05	1.15	ppb
Cadmium	106-1	461.44	462.57	456.09	460.03	0.75	ppb
Cadmium	108-1	472.61	457.45	466.70	465.59	1.64	ppb
Calcium	43-1	109465.26	109633.98	108134.65	109077.97	0.75	ppb
Calcium	44-1	109561.35	109592.44	108085.55	109079.78	0.79	ppb
Chromium	52-2	506.59	505.80	512.71	508.37	0.74	ppb
Cobalt	59-2	516.73	517.09	519.92	517.91	0.34	ppb
Copper	63-2	1067.04	1067.53	1075.31	1069.96	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				96		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				80		%
Iron	56-2	26762.16	26727.64	26938.70	26809.50	0.42	ppb
Iron	57-2	26374.59	26460.80	26665.62	26500.34	0.56	ppb
Lead	206-1	485.03	483.17	479.72	482.64	0.56	ppb
Lead	207-1	468.30	470.75	466.94	468.66	0.41	ppb
Lead	208-1	486.49	485.21	481.31	484.34	0.56	ppb
Lithium	6-1				99		%
Magnesium	24-2	58346.03	58335.44	58285.06	58322.18	0.06	ppb
Manganese	55-2	1022.77	1022.07	1026.54	1023.80	0.23	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:31:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2538.86	2474.87	2505.60	2506.44	1.28	ppb
Molybdenum	95-1	2489.42	2474.84	2472.57	2478.94	0.37	ppb
Molybdenum	96-1	2496.24	2476.46	2477.69	2483.46	0.45	ppb
Molybdenum	97-1	2487.30	2455.09	2453.38	2465.26	0.78	ppb
Molybdenum	98-1	2499.58	2472.46	2463.81	2478.61	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.57	528.97	530.61	528.38	0.49	ppb
Phosphorus	31-2	20.39	17.26	34.58	24.07	38.33	ppb
Potassium	39-2	25560.04	25490.19	25647.59	25565.94	0.31	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				72		%
Scandium	45-2				76		%
Selenium	77-2	500.89	463.90	486.64	483.81	3.86	ppb
Selenium	78-2	478.11	489.55	471.31	479.66	1.92	ppb
Selenium	82-1	484.32	478.75	475.07	479.38	0.97	ppb
Silicon	28-1	6062.42	6090.48	5945.43	6032.78	1.28	ppb
Silver	109-1	402.05	398.80	398.74	399.86	0.47	ppb
Silver	107-1	401.46	396.02	398.23	398.57	0.69	ppb
Sodium	23-2	113199.01	112819.94	113365.18	113128.04	0.25	ppb
Strontium	86-1	935.86	930.88	921.00	929.25	0.81	ppb
Strontium	88-1	939.12	939.21	929.87	936.07	0.57	ppb
Sulfur	34-1	7354.13	7126.25	6966.08	7148.82	2.73	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	493.71	492.78	492.07	492.85	0.17	ppb
Thallium	205-1	495.59	495.82	493.47	494.96	0.26	ppb
Tin	118-1	467.51	460.23	458.04	461.93	1.07	ppb
Titanium	47-1	2440.39	2437.37	2397.88	2425.22	0.98	ppb
Uranium	238-1	501.06	499.18	496.73	498.99	0.44	ppb
Vanadium	51-2	501.85	502.20	506.97	503.67	0.57	ppb
Yttrium	89-1				84		%
Yttrium	89-2				80		%
Zinc	66-2	1003.91	1010.26	1018.87	1011.01	0.74	ppb
Zirconium	90-1	493.54	489.46	486.70	489.90	0.70	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:31:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.41	486.52	485.21	488.05	0.79	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01A	Instrumnet Name :	P7
Client Sample ID :	LF5-0068A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:34:34	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8892.63	8941.80	8840.14	8891.52	0.57	ppb
Antimony	121-1	467.67	471.43	472.93	470.68	0.58	ppb
Arsenic	75-2	483.34	483.96	481.99	483.10	0.21	ppb
Barium	135-1	2378.07	2391.63	2397.83	2389.18	0.42	ppb
Barium	137-1	2387.86	2407.28	2424.20	2406.45	0.76	ppb
Beryllium	9-1	316.75	315.35	313.02	315.04	0.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	337.41	345.28	342.68	341.79	1.17	ppb
Boron	11-1	347.41	350.92	347.07	348.47	0.61	ppb
Cadmium	111-1	460.56	462.25	463.92	462.24	0.36	ppb
Cadmium	106-1	456.63	456.44	454.56	455.88	0.25	ppb
Cadmium	108-1	451.94	455.27	471.60	459.61	2.29	ppb
Calcium	43-1	106642.08	108403.44	107952.92	107666.15	0.85	ppb
Calcium	44-1	106760.13	108801.46	108359.94	107973.85	0.99	ppb
Chromium	52-2	506.80	505.95	499.85	504.20	0.75	ppb
Cobalt	59-2	517.96	517.23	515.63	516.94	0.23	ppb
Copper	63-2	1071.73	1069.76	1061.35	1067.61	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				79		%
Iron	56-2	26841.39	26795.63	26500.51	26712.51	0.69	ppb
Iron	57-2	26469.12	26578.76	26206.97	26418.28	0.72	ppb
Lead	206-1	476.36	483.62	486.75	482.24	1.11	ppb
Lead	207-1	461.27	466.30	470.05	465.88	0.95	ppb
Lead	208-1	476.81	483.50	485.82	482.05	0.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	58039.92	58231.40	57586.41	57952.58	0.57	ppb
Manganese	55-2	1021.47	1023.21	1012.27	1018.98	0.58	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01A	Instrumnet Name :	P7
Client Sample ID :	LF5-0068A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:34:34	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2458.89	2481.67	2496.38	2478.98	0.76	ppb
Molybdenum	95-1	2415.24	2441.88	2467.10	2441.40	1.06	ppb
Molybdenum	96-1	2420.85	2462.79	2477.77	2453.81	1.20	ppb
Molybdenum	97-1	2401.44	2442.53	2446.49	2430.15	1.03	ppb
Molybdenum	98-1	2421.70	2462.84	2462.64	2449.06	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.21	530.92	526.43	528.52	0.43	ppb
Phosphorus	31-2	48.85	-12.05	8.03	14.94	207.68	ppb
Potassium	39-2	25389.57	25283.94	25224.16	25299.22	0.33	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				72		%
Scandium	45-2				74		%
Selenium	77-2	455.03	470.29	431.38	452.24	4.34	ppb
Selenium	78-2	479.69	476.40	479.10	478.40	0.37	ppb
Selenium	82-1	469.01	474.83	476.20	473.35	0.81	ppb
Silicon	28-1	5869.75	5969.82	5940.37	5926.65	0.87	ppb
Silver	109-1	395.76	396.08	399.87	397.24	0.58	ppb
Silver	107-1	391.75	394.69	399.64	395.36	1.01	ppb
Sodium	23-2	112371.95	112266.82	111568.56	112069.11	0.39	ppb
Strontium	86-1	907.57	917.91	922.13	915.87	0.82	ppb
Strontium	88-1	916.97	932.44	932.55	927.32	0.97	ppb
Sulfur	34-1	6712.72	6954.36	6684.86	6783.98	2.18	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	487.33	489.51	495.15	490.66	0.82	ppb
Thallium	205-1	489.77	494.47	495.66	493.30	0.63	ppb
Tin	118-1	455.36	459.31	461.09	458.59	0.64	ppb
Titanium	47-1	2378.74	2423.73	2402.93	2401.80	0.94	ppb
Uranium	238-1	491.24	496.31	498.23	495.26	0.73	ppb
Vanadium	51-2	503.10	504.23	501.03	502.79	0.32	ppb
Yttrium	89-1				85		%
Yttrium	89-2				79		%
Zinc	66-2	1020.20	1011.81	1005.07	1012.36	0.75	ppb
Zirconium	90-1	479.78	486.57	486.07	484.14	0.78	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01A	Instrumnet Name :	P7
Client Sample ID :	LF5-0068A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:34:34	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.17	485.22	488.17	484.19	0.95	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-02	Instrumnet Name :	P7
Client Sample ID :	LF5-0070	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:38:06	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.68	7.34	11.09	9.04	21.05	ppb
Antimony	121-1	1.68	1.69	1.76	1.71	2.65	ppb
Arsenic	75-2	1.78	2.03	1.94	1.92	6.83	ppb
Barium	135-1	1.39	1.43	1.44	1.42	1.99	ppb
Barium	137-1	1.25	1.43	1.38	1.35	6.86	ppb
Beryllium	9-1	0.34	0.33	0.23	0.30	21.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				89		%
Boron	10-1	19.88	17.35	17.49	18.24	7.82	ppb
Boron	11-1	21.81	18.13	18.10	19.35	11.03	ppb
Cadmium	111-1	-0.08	-0.21	-0.11	-0.13		ppb
Cadmium	106-1	-3.38	-5.06	-3.21	-3.88		ppb
Cadmium	108-1	-0.01	0.07	0.19	0.08	121.95	ppb
Calcium	43-1	27587.73	27582.52	27433.18	27534.48	0.32	ppb
Calcium	44-1	27938.28	28004.48	27854.20	27932.32	0.27	ppb
Chromium	52-2	1.40	1.47	1.33	1.40	4.85	ppb
Cobalt	59-2	0.16	0.18	0.15	0.16	8.12	ppb
Copper	63-2	18.59	19.47	19.51	19.19	2.70	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				97		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				82		%
Iron	56-2	17.43	17.21	17.69	17.45	1.37	ppb
Iron	57-2	64.17	55.79	58.82	59.59	7.12	ppb
Lead	206-1	0.41	0.42	0.43	0.42	1.42	ppb
Lead	207-1	0.41	0.41	0.36	0.39	6.59	ppb
Lead	208-1	0.38	0.41	0.39	0.39	4.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	4403.04	4375.46	4329.75	4369.42	0.85	ppb
Manganese	55-2	1.34	1.25	1.30	1.30	3.25	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-02	Instrumnet Name :	P7
Client Sample ID :	LF5-0070	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:38:06	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.60	0.64	0.72	0.65	9.04	ppb
Molybdenum	95-1	0.67	0.76	0.73	0.72	6.85	ppb
Molybdenum	96-1	0.62	0.64	0.79	0.68	13.61	ppb
Molybdenum	97-1	0.65	0.86	0.84	0.78	15.18	ppb
Molybdenum	98-1	0.68	0.71	0.77	0.72	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.47	0.49	0.47	3.54	ppb
Phosphorus	31-2	-5.19	8.39	-2.13	0.36	2004.90	ppb
Potassium	39-2	557.05	554.96	554.35	555.45	0.25	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				72		%
Scandium	45-2				74		%
Selenium	77-2	1.50	1.49	1.48	1.49	0.69	ppb
Selenium	78-2	0.94	-0.66	0.31	0.20	408.97	ppb
Selenium	82-1	-0.42	-0.80	-0.81	-0.68		ppb
Silicon	28-1	3876.00	3882.67	3842.05	3866.91	0.56	ppb
Silver	109-1	0.25	0.25	0.24	0.25	1.97	ppb
Silver	107-1	0.29	0.25	0.25	0.26	8.44	ppb
Sodium	23-2	4820.99	4848.16	4783.68	4817.61	0.67	ppb
Strontium	86-1	130.94	130.17	129.52	130.21	0.55	ppb
Strontium	88-1	132.12	130.57	130.53	131.08	0.69	ppb
Sulfur	34-1	1364.48	1198.18	1219.03	1260.56	7.19	ppb
Terbium	159-1				96		%
Terbium	159-2				88		%
Thallium	203-1	0.14	0.16	0.15	0.15	7.81	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	3.25	ppb
Tin	118-1	4.61	4.45	4.60	4.55	2.02	ppb
Titanium	47-1	1.14	1.35	1.16	1.22	9.38	ppb
Uranium	238-1	0.38	0.41	0.43	0.41	5.67	ppb
Vanadium	51-2	0.54	0.58	0.64	0.59	8.34	ppb
Yttrium	89-1				85		%
Yttrium	89-2				80		%
Zinc	66-2	20.31	20.63	20.26	20.40	0.99	ppb
Zirconium	90-1	0.08	0.10	0.11	0.09	16.74	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-02	Instrumnet Name :	P7
Client Sample ID :	LF5-0070	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:38:06	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.11	0.12	0.10	29.41	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:41:39	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48411.28	47706.04	47233.43	47783.59	1.24	ppb
Antimony	121-1	440.74	445.51	447.31	444.52	0.76	ppb
Arsenic	75-2	503.91	501.25	503.76	502.97	0.30	ppb
Barium	135-1	2485.21	2488.91	2489.72	2487.94	0.10	ppb
Barium	137-1	2501.15	2500.15	2495.14	2498.81	0.13	ppb
Beryllium	9-1	489.11	499.44	488.73	492.43	1.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				90		%
Boron	10-1	454.52	472.55	482.36	469.81	3.01	ppb
Boron	11-1	472.44	497.68	489.55	486.56	2.65	ppb
Cadmium	111-1	476.69	483.43	479.60	479.91	0.70	ppb
Cadmium	106-1	477.59	486.44	485.56	483.19	1.01	ppb
Cadmium	108-1	487.17	477.64	475.04	479.95	1.33	ppb
Calcium	43-1	246827.87	245090.10	245176.60	245698.19	0.40	ppb
Calcium	44-1	243374.43	242023.76	242399.82	242599.33	0.29	ppb
Chromium	52-2	538.59	525.45	520.11	528.05	1.80	ppb
Cobalt	59-2	514.28	503.60	502.90	506.92	1.26	ppb
Copper	63-2	1017.96	1001.48	989.15	1002.86	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	130953.82	128092.28	127382.60	128809.56	1.47	ppb
Iron	57-2	130891.68	128232.18	127404.35	128842.74	1.41	ppb
Lead	206-1	512.56	504.40	512.13	509.70	0.90	ppb
Lead	207-1	509.29	505.26	512.12	508.89	0.68	ppb
Lead	208-1	516.03	512.44	517.62	515.36	0.51	ppb
Lithium	6-1				85		%
Magnesium	24-2	243791.41	239616.40	237840.25	240416.02	1.27	ppb
Manganese	55-2	1020.65	997.21	999.40	1005.75	1.29	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:41:39	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2510.98	2518.90	2534.07	2521.32	0.47	ppb
Molybdenum	95-1	2516.82	2507.62	2532.78	2519.07	0.51	ppb
Molybdenum	96-1	2524.60	2527.64	2526.20	2526.15	0.06	ppb
Molybdenum	97-1	2504.58	2498.41	2499.56	2500.85	0.13	ppb
Molybdenum	98-1	2507.16	2509.64	2523.08	2513.29	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.14	511.23	508.24	514.54	1.64	ppb
Phosphorus	31-2	9972.94	9736.65	9837.88	9849.16	1.20	ppb
Potassium	39-2	125575.20	122764.06	122525.57	123621.61	1.37	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	473.28	505.66	483.69	487.54	3.39	ppb
Selenium	78-2	486.44	468.31	486.16	480.30	2.16	ppb
Selenium	82-1	482.40	483.27	482.51	482.73	0.10	ppb
Silicon	28-1	482.86	479.29	483.96	482.04	0.51	ppb
Silver	109-1	480.54	479.56	477.79	479.30	0.29	ppb
Silver	107-1	481.15	480.62	480.69	480.82	0.06	ppb
Sodium	23-2	248399.74	242234.56	241792.99	244142.43	1.51	ppb
Strontium	86-1	496.27	496.51	498.13	496.97	0.20	ppb
Strontium	88-1	501.52	502.51	505.09	503.04	0.37	ppb
Sulfur	34-1	9659.04	9616.52	9422.95	9566.17	1.32	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	519.92	513.81	520.29	518.01	0.70	ppb
Thallium	205-1	522.46	519.50	525.52	522.49	0.58	ppb
Tin	118-1	460.08	459.12	460.82	460.01	0.19	ppb
Titanium	47-1	2482.56	2468.12	2473.10	2474.59	0.30	ppb
Uranium	238-1	517.72	515.59	518.22	517.18	0.27	ppb
Vanadium	51-2	522.52	506.88	506.07	511.82	1.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	982.69	967.53	953.76	967.99	1.50	ppb
Zirconium	90-1	497.26	499.05	498.73	498.35	0.19	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:41:39	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.52	494.88	498.55	495.31	0.61	ppb

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 15:45:14 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	2.45	3.15	2.93	14.01	ppb
Antimony	121-1	0.24	0.24	0.17	0.22	17.22	ppb
Arsenic	75-2	0.06	0.06	0.08	0.07	15.36	ppb
Barium	135-1	0.22	0.16	0.23	0.20	17.93	ppb
Barium	137-1	0.25	0.25	0.23	0.24	2.72	ppb
Beryllium	9-1	0.53	0.42	0.37	0.44	18.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	18.35	18.48	18.16	18.33	0.87	ppb
Boron	11-1	22.56	19.97	18.60	20.38	9.87	ppb
Cadmium	111-1	-0.08	-0.04	-0.15	-0.09		ppb
Cadmium	106-1	-1.88	-1.74	-3.42	-2.35		ppb
Cadmium	108-1	0.06	0.13	0.02	0.07	77.36	ppb
Calcium	43-1	22.59	20.84	16.54	19.99	15.59	ppb
Calcium	44-1	23.82	23.65	21.53	23.00	5.54	ppb
Chromium	52-2	0.06	0.07	0.05	0.06	16.47	ppb
Cobalt	59-2	0.06	0.04	0.03	0.04	34.13	ppb
Copper	63-2	1.41	1.38	1.30	1.36	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	9.85	9.18	8.82	9.28	5.62	ppb
Iron	57-2	8.91	6.59	7.04	7.51	16.35	ppb
Lead	206-1	0.11	0.08	0.08	0.09	19.52	ppb
Lead	207-1	0.09	0.08	0.08	0.08	4.70	ppb
Lead	208-1	0.09	0.08	0.08	0.08	4.64	ppb
Lithium	6-1				84		%
Magnesium	24-2	15.18	12.68	12.61	13.49	10.84	ppb
Manganese	55-2	0.11	0.11	0.11	0.11	2.94	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:45:14	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.29	0.23	0.29	19.91	ppb
Molybdenum	95-1	0.31	0.34	0.23	0.29	18.35	ppb
Molybdenum	96-1	0.34	0.31	0.26	0.30	12.90	ppb
Molybdenum	97-1	0.31	0.27	0.24	0.27	13.02	ppb
Molybdenum	98-1	0.27	0.27	0.23	0.26	9.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-5.95	-11.96	-0.66	-6.19		ppb
Potassium	39-2	4.24	6.28	-0.99	3.18	117.96	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	-0.21	-0.08	-0.34	-0.21		ppb
Selenium	82-1	0.12	-0.77	-0.32	-0.32		ppb
Silicon	28-1	-9.01	-10.87	-10.04	-9.97		ppb
Silver	109-1	1.45	1.28	1.08	1.27	14.38	ppb
Silver	107-1	1.43	1.23	1.08	1.25	14.11	ppb
Sodium	23-2	59.04	58.37	56.81	58.07	1.97	ppb
Strontium	86-1	0.01	0.06	0.04	0.04	59.62	ppb
Strontium	88-1	0.06	0.04	0.04	0.05	22.36	ppb
Sulfur	34-1	-1003.72	-1020.39	-1122.81	-1048.97		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.12	0.11	0.10	0.11	6.45	ppb
Thallium	205-1	0.13	0.10	0.10	0.11	16.50	ppb
Tin	118-1	0.08	0.07	0.09	0.08	15.50	ppb
Titanium	47-1	0.27	0.32	0.36	0.31	13.95	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	9.25	ppb
Vanadium	51-2	0.05	0.05	0.06	0.05	6.29	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	0.50	0.51	0.32	0.45	24.32	ppb
Zirconium	90-1	0.08	0.06	0.06	0.07	20.44	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:45:14	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.02	0.04	33.77	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-03	Instrumnet Name :	P7
Client Sample ID :	LF5-0071	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:48:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.19	24.51	21.05	25.25	18.29	ppb
Antimony	121-1	4.74	3.32	2.60	3.55	30.65	ppb
Arsenic	75-2	72.46	73.55	72.16	72.72	1.01	ppb
Barium	135-1	66.21	64.97	64.17	65.12	1.58	ppb
Barium	137-1	65.65	64.22	64.84	64.90	1.10	ppb
Beryllium	9-1	0.74	0.65	0.58	0.66	11.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	10-1	24.96	22.26	21.61	22.94	7.75	ppb
Boron	11-1	23.72	22.80	22.97	23.16	2.11	ppb
Cadmium	111-1	0.11	0.10	0.02	0.07	64.23	ppb
Cadmium	106-1	-1.93	-2.67	-3.79	-2.80		ppb
Cadmium	108-1	0.58	0.24	0.53	0.45	40.90	ppb
Calcium	43-1	50341.34	49369.87	49240.78	49650.66	1.21	ppb
Calcium	44-1	50874.25	50099.13	50230.58	50401.32	0.82	ppb
Chromium	52-2	1.39	1.34	1.41	1.38	2.50	ppb
Cobalt	59-2	2.34	2.30	2.31	2.32	0.92	ppb
Copper	63-2	16.19	16.76	16.73	16.56	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				86		%
Indium	115-1				88		%
Indium	115-2				79		%
Iron	56-2	64783.17	64170.62	63473.58	64142.46	1.02	ppb
Iron	57-2	63572.43	63166.88	61980.88	62906.73	1.31	ppb
Lead	206-1	1.35	1.35	1.34	1.35	0.45	ppb
Lead	207-1	1.27	1.23	1.23	1.24	1.85	ppb
Lead	208-1	1.31	1.30	1.29	1.30	0.78	ppb
Lithium	6-1				86		%
Magnesium	24-2	26215.91	26000.57	25730.70	25982.39	0.94	ppb
Manganese	55-2	406.44	404.04	400.09	403.52	0.79	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-03	Instrumnet Name :	P7
Client Sample ID :	LF5-0071	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:48:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.58	5.37	5.34	5.43	2.34	ppb
Molybdenum	95-1	5.78	5.72	5.98	5.83	2.32	ppb
Molybdenum	96-1	6.12	6.12	6.02	6.09	0.99	ppb
Molybdenum	97-1	5.95	5.86	5.89	5.90	0.75	ppb
Molybdenum	98-1	5.86	5.63	6.08	5.86	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.98	22.11	22.45	22.18	1.10	ppb
Phosphorus	31-2	17.29	10.27	13.28	13.61	25.89	ppb
Potassium	39-2	4842.96	4806.84	4791.02	4813.61	0.55	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				70		%
Scandium	45-2				72		%
Selenium	77-2	0.65	4.18	1.54	2.13	86.38	ppb
Selenium	78-2	-0.70	0.16	0.03	-0.17		ppb
Selenium	82-1	-0.34	0.73	-0.09	0.10	575.68	ppb
Silicon	28-1	11252.52	10983.79	11052.79	11096.37	1.26	ppb
Silver	109-1	0.48	0.40	0.31	0.40	20.74	ppb
Silver	107-1	0.51	0.36	0.32	0.40	25.47	ppb
Sodium	23-2	35826.13	35602.66	35169.26	35532.68	0.94	ppb
Strontium	86-1	359.09	348.94	350.28	352.77	1.56	ppb
Strontium	88-1	363.46	359.68	359.70	360.94	0.60	ppb
Sulfur	34-1	5448.16	5057.91	5183.78	5229.95	3.81	ppb
Terbium	159-1				92		%
Terbium	159-2				85		%
Thallium	203-1	1.57	1.44	1.46	1.49	4.77	ppb
Thallium	205-1	1.52	1.45	1.46	1.48	2.58	ppb
Tin	118-1	5.37	4.75	4.59	4.90	8.34	ppb
Titanium	47-1	1.64	1.67	1.78	1.70	4.52	ppb
Uranium	238-1	5.75	5.66	5.68	5.69	0.81	ppb
Vanadium	51-2	0.73	0.68	0.74	0.72	4.55	ppb
Yttrium	89-1				83		%
Yttrium	89-2				78		%
Zinc	66-2	27.26	29.10	27.23	27.87	3.84	ppb
Zirconium	90-1	0.85	0.86	0.84	0.85	1.10	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-03	Instrumnet Name :	P7
Client Sample ID :	LF5-0071	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:48:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	1.08	0.91	0.97	9.83	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-04	Instrumnet Name :	P7
Client Sample ID :	LF5-0072	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:52:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1879.26	1857.83	1881.29	1872.79	0.69	ppb
Antimony	121-1	1.71	1.71	1.70	1.71	0.26	ppb
Arsenic	75-2	21.56	22.65	22.57	22.26	2.73	ppb
Barium	135-1	12.31	12.31	12.86	12.49	2.55	ppb
Barium	137-1	12.70	12.49	12.74	12.64	1.07	ppb
Beryllium	9-1	0.26	0.27	0.20	0.24	15.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				84		%
Boron	10-1	14.65	12.50	14.26	13.80	8.31	ppb
Boron	11-1	12.31	14.01	14.04	13.45	7.35	ppb
Cadmium	111-1	-0.07	-0.08	-0.10	-0.08		ppb
Cadmium	106-1	-3.05	-2.46	-2.63	-2.71		ppb
Cadmium	108-1	0.15	0.48	0.40	0.35	49.12	ppb
Calcium	43-1	73543.05	73679.77	73332.48	73518.43	0.24	ppb
Calcium	44-1	74410.81	74310.51	74740.79	74487.37	0.30	ppb
Chromium	52-2	16.81	16.07	16.24	16.37	2.36	ppb
Cobalt	59-2	7.12	7.06	6.98	7.06	1.03	ppb
Copper	63-2	24.08	24.28	24.48	24.28	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				79		%
Iron	56-2	84887.19	83286.33	84053.02	84075.51	0.95	ppb
Iron	57-2	83708.79	82344.02	82972.33	83008.38	0.82	ppb
Lead	206-1	1.68	1.63	1.61	1.64	2.23	ppb
Lead	207-1	1.44	1.45	1.52	1.47	2.84	ppb
Lead	208-1	1.58	1.54	1.60	1.57	1.95	ppb
Lithium	6-1				88		%
Magnesium	24-2	19167.94	19001.27	19106.27	19091.83	0.44	ppb
Manganese	55-2	689.57	675.39	687.08	684.01	1.11	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-04	Instrumnet Name :	P7
Client Sample ID :	LF5-0072	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:52:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.29	2.19	2.37	2.28	3.90	ppb
Molybdenum	95-1	0.90	0.86	0.86	0.87	2.69	ppb
Molybdenum	96-1	1.41	1.45	1.48	1.45	2.37	ppb
Molybdenum	97-1	0.98	0.95	0.85	0.93	7.52	ppb
Molybdenum	98-1	0.86	0.90	0.95	0.90	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.96	20.45	21.45	20.95	2.37	ppb
Phosphorus	31-2	320.50	261.32	307.80	296.54	10.51	ppb
Potassium	39-2	3159.98	3098.69	3115.24	3124.64	1.01	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				69		%
Scandium	45-2				72		%
Selenium	77-2	7.62	9.29	4.95	7.28	30.07	ppb
Selenium	78-2	1.40	-0.07	0.34	0.56	136.45	ppb
Selenium	82-1	-0.74	0.38	-0.63	-0.33		ppb
Silicon	28-1	10733.56	10643.86	10691.13	10689.52	0.42	ppb
Silver	109-1	0.29	0.34	0.35	0.33	9.42	ppb
Silver	107-1	0.33	0.32	0.28	0.31	9.69	ppb
Sodium	23-2	106262.31	104770.34	105757.14	105596.60	0.72	ppb
Strontium	86-1	389.20	388.25	390.63	389.36	0.31	ppb
Strontium	88-1	397.94	394.61	398.78	397.11	0.56	ppb
Sulfur	34-1	5902.52	5714.01	5734.62	5783.72	1.79	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	0.07	0.05	0.06	0.06	17.72	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	11.42	ppb
Tin	118-1	2.88	3.12	3.26	3.09	6.28	ppb
Titanium	47-1	213.30	210.89	212.82	212.34	0.60	ppb
Uranium	238-1	1.17	1.20	1.17	1.18	1.22	ppb
Vanadium	51-2	17.29	16.70	17.33	17.10	2.07	ppb
Yttrium	89-1				85		%
Yttrium	89-2				79		%
Zinc	66-2	30.50	31.03	31.57	31.03	1.72	ppb
Zirconium	90-1	1.04	0.99	0.98	1.00	3.45	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-04	Instrumnet Name :	P7
Client Sample ID :	LF5-0072	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:52:19	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.15	0.95	1.02	1.04	9.40	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-05	Instrumnet Name :	P7
Client Sample ID :	LF5-0073	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:56:04	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	346.51	337.66	346.77	343.65	1.51	ppb
Antimony	121-1	1.58	1.65	1.65	1.63	2.49	ppb
Arsenic	75-2	14.92	14.71	14.88	14.84	0.74	ppb
Barium	135-1	8.44	8.36	8.01	8.27	2.80	ppb
Barium	137-1	8.20	8.38	8.38	8.32	1.26	ppb
Beryllium	9-1	0.19	0.11	0.19	0.17	26.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	10.18	11.07	11.74	11.00	7.12	ppb
Boron	11-1	11.64	12.24	12.47	12.12	3.54	ppb
Cadmium	111-1	-0.19	-0.15	-0.21	-0.19		ppb
Cadmium	106-1	-3.48	-2.77	-3.58	-3.28		ppb
Cadmium	108-1	0.07	0.15	0.11	0.11	35.13	ppb
Calcium	43-1	74401.86	73229.19	73303.85	73644.97	0.89	ppb
Calcium	44-1	74959.39	73793.66	74825.15	74526.07	0.86	ppb
Chromium	52-2	7.71	7.20	7.79	7.57	4.17	ppb
Cobalt	59-2	1.39	1.40	1.44	1.41	1.88	ppb
Copper	63-2	17.38	17.28	17.70	17.45	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				86		%
Indium	115-1				88		%
Indium	115-2				77		%
Iron	56-2	32446.80	31752.49	32183.75	32127.68	1.09	ppb
Iron	57-2	31781.46	31105.51	31514.54	31467.17	1.08	ppb
Lead	206-1	0.75	0.70	0.68	0.71	5.36	ppb
Lead	207-1	0.65	0.74	0.63	0.67	8.72	ppb
Lead	208-1	0.68	0.68	0.67	0.68	0.96	ppb
Lithium	6-1				86		%
Magnesium	24-2	17341.93	16954.73	17155.53	17150.73	1.13	ppb
Manganese	55-2	284.25	278.22	281.98	281.48	1.08	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-05	Instrumnet Name :	P7
Client Sample ID :	LF5-0073	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:56:04	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.79	0.75	0.77	2.57	ppb
Molybdenum	95-1	0.49	0.43	0.44	0.45	7.56	ppb
Molybdenum	96-1	0.62	0.62	0.61	0.61	0.62	ppb
Molybdenum	97-1	0.52	0.49	0.48	0.49	4.15	ppb
Molybdenum	98-1	0.47	0.45	0.44	0.45	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.93	7.38	7.72	7.68	3.63	ppb
Phosphorus	31-2	127.38	53.26	69.50	83.38	46.73	ppb
Potassium	39-2	2984.39	2916.69	2955.07	2952.05	1.15	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				68		%
Scandium	45-2				70		%
Selenium	77-2	4.27	4.17	2.45	3.63	28.13	ppb
Selenium	78-2	1.13	-0.87	-1.11	-0.28		ppb
Selenium	82-1	-0.03	0.10	-0.90	-0.28		ppb
Silicon	28-1	6028.11	5940.83	5997.47	5988.80	0.74	ppb
Silver	109-1	0.23	0.21	0.22	0.22	4.94	ppb
Silver	107-1	0.20	0.20	0.22	0.20	5.76	ppb
Sodium	23-2	108526.40	105958.13	108329.32	107604.61	1.33	ppb
Strontium	86-1	391.60	387.62	389.61	389.61	0.51	ppb
Strontium	88-1	403.04	394.28	398.93	398.75	1.10	ppb
Sulfur	34-1	6270.89	6012.25	6029.76	6104.30	2.37	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	0.04	0.04	0.03	0.04	14.31	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	14.66	ppb
Tin	118-1	2.39	2.57	2.54	2.50	3.85	ppb
Titanium	47-1	27.09	27.61	27.43	27.37	0.97	ppb
Uranium	238-1	0.83	0.84	0.87	0.85	2.42	ppb
Vanadium	51-2	7.96	7.93	8.08	7.99	0.97	ppb
Yttrium	89-1				84		%
Yttrium	89-2				77		%
Zinc	66-2	16.86	16.28	17.03	16.73	2.36	ppb
Zirconium	90-1	0.24	0.24	0.29	0.26	10.51	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-05	Instrumnet Name :	P7
Client Sample ID :	LF5-0073	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:56:04	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.33	0.32	0.33	3.49	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-06	Instrumnet Name :	P7
Client Sample ID :	LF5-0066	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:59:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.09	11.61	13.97	13.89	16.14	ppb
Antimony	121-1	1.84	1.75	1.83	1.81	2.78	ppb
Arsenic	75-2	2.23	2.05	2.39	2.22	7.45	ppb
Barium	135-1	10.94	11.05	11.14	11.04	0.92	ppb
Barium	137-1	11.87	11.04	11.47	11.46	3.62	ppb
Beryllium	9-1	0.09	0.09	0.17	0.12	37.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	33.11	30.49	34.29	32.63	5.95	ppb
Boron	11-1	35.86	37.10	37.08	36.68	1.95	ppb
Cadmium	111-1	-0.29	-0.31	-0.30	-0.30		ppb
Cadmium	106-1	-4.22	-4.53	-4.49	-4.41		ppb
Cadmium	108-1	0.03	0.11	0.03	0.06	78.69	ppb
Calcium	43-1	2166.40	2124.92	2117.48	2136.27	1.23	ppb
Calcium	44-1	2174.64	2128.75	2162.48	2155.29	1.10	ppb
Chromium	52-2	0.93	0.93	1.00	0.95	3.82	ppb
Cobalt	59-2	0.10	0.14	0.10	0.12	18.50	ppb
Copper	63-2	12.47	12.21	13.23	12.63	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				86		%
Indium	115-1				87		%
Indium	115-2				77		%
Iron	56-2	5534.56	5188.96	5647.40	5456.97	4.38	ppb
Iron	57-2	5343.22	5082.62	5515.24	5313.70	4.10	ppb
Lead	206-1	0.20	0.19	0.19	0.20	2.53	ppb
Lead	207-1	0.21	0.18	0.16	0.18	14.39	ppb
Lead	208-1	0.20	0.19	0.17	0.19	8.86	ppb
Lithium	6-1				85		%
Magnesium	24-2	1423.84	1337.50	1472.41	1411.25	4.84	ppb
Manganese	55-2	44.58	43.00	45.78	44.45	3.13	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-06	Instrumnet Name :	P7
Client Sample ID :	LF5-0066	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:59:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.62	0.55	0.61	0.59	6.20	ppb
Molybdenum	95-1	0.76	0.71	0.69	0.72	5.19	ppb
Molybdenum	96-1	0.69	0.69	0.76	0.71	5.32	ppb
Molybdenum	97-1	0.84	0.72	0.81	0.79	7.89	ppb
Molybdenum	98-1	0.72	0.69	0.70	0.70	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.36	0.47	0.42	12.98	ppb
Phosphorus	31-2	34.96	23.56	71.36	43.29	57.66	ppb
Potassium	39-2	1865.79	1771.62	1913.18	1850.20	3.89	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				67		%
Scandium	45-2				69		%
Selenium	77-2	2.55	2.39	1.66	2.20	21.47	ppb
Selenium	78-2	0.23	-0.31	0.33	0.08	420.39	ppb
Selenium	82-1	-0.65	-0.57	-0.67	-0.63		ppb
Silicon	28-1	4619.78	4455.89	4521.22	4532.30	1.82	ppb
Silver	109-1	0.13	0.13	0.13	0.13	3.55	ppb
Silver	107-1	0.10	0.15	0.14	0.13	17.97	ppb
Sodium	23-2	94911.87	89428.57	97583.62	93974.69	4.42	ppb
Strontium	86-1	33.89	33.38	34.49	33.92	1.64	ppb
Strontium	88-1	34.04	33.28	33.63	33.65	1.13	ppb
Sulfur	34-1	4629.44	4204.05	4165.29	4332.93	5.94	ppb
Terbium	159-1				93		%
Terbium	159-2				84		%
Thallium	203-1	0.01	0.00	0.00	0.01	95.04	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	17.75	ppb
Tin	118-1	2.11	2.29	2.29	2.23	4.77	ppb
Titanium	47-1	1.05	1.28	1.29	1.20	11.39	ppb
Uranium	238-1	0.73	0.72	0.73	0.73	1.12	ppb
Vanadium	51-2	0.42	0.41	0.40	0.41	2.85	ppb
Yttrium	89-1				81		%
Yttrium	89-2				75		%
Zinc	66-2	11.02	10.69	11.69	11.13	4.56	ppb
Zirconium	90-1	0.09	0.06	0.07	0.07	18.50	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-06	Instrumnet Name :	P7
Client Sample ID :	LF5-0066	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:59:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.08	0.07	25.65	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:11:10	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48620.63	47888.95	47685.90	48065.16	1.02	ppb
Antimony	121-1	490.41	497.84	473.43	487.22	2.57	ppb
Arsenic	75-2	504.91	496.11	497.92	499.65	0.93	ppb
Barium	135-1	2531.75	2570.26	2425.01	2509.01	3.00	ppb
Barium	137-1	2553.79	2596.33	2460.20	2536.77	2.75	ppb
Beryllium	9-1	504.68	511.15	487.23	501.02	2.47	ppb
Bismuth	209-1				96		%
Bismuth	209-2				87		%
Boron	10-1	457.24	485.07	475.77	472.69	3.00	ppb
Boron	11-1	481.34	497.28	484.17	487.60	1.75	ppb
Cadmium	111-1	482.60	489.86	467.20	479.88	2.41	ppb
Cadmium	106-1	480.83	481.83	462.61	475.09	2.28	ppb
Cadmium	108-1	482.59	492.42	463.78	479.60	3.03	ppb
Calcium	43-1	246834.96	250874.95	238588.64	245432.85	2.55	ppb
Calcium	44-1	243894.23	248472.62	234759.83	242375.56	2.88	ppb
Chromium	52-2	530.62	522.68	524.10	525.80	0.81	ppb
Cobalt	59-2	506.69	498.22	498.15	501.02	0.98	ppb
Copper	63-2	998.87	988.76	983.01	990.21	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	56-2	128972.78	127789.63	125822.80	127528.40	1.25	ppb
Iron	57-2	129666.95	127454.14	126782.40	127967.83	1.18	ppb
Lead	206-1	516.18	515.23	492.77	508.06	2.61	ppb
Lead	207-1	514.41	514.71	492.34	507.15	2.53	ppb
Lead	208-1	521.59	524.19	499.47	515.08	2.64	ppb
Lithium	6-1				84		%
Magnesium	24-2	244144.68	240218.93	239083.36	241148.99	1.10	ppb
Manganese	55-2	1015.12	996.24	992.63	1001.33	1.21	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:11:10	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2548.56	2574.13	2441.59	2521.43	2.79	ppb
Molybdenum	95-1	2554.78	2577.36	2438.96	2523.70	2.94	ppb
Molybdenum	96-1	2550.31	2571.16	2445.44	2522.30	2.67	ppb
Molybdenum	97-1	2518.95	2540.25	2392.22	2483.80	3.22	ppb
Molybdenum	98-1	2540.38	2568.24	2426.41	2511.68	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.08	505.13	510.03	510.75	1.18	ppb
Phosphorus	31-2	10385.35	9909.22	9849.14	10047.90	2.92	ppb
Potassium	39-2	124800.02	122884.58	123162.28	123615.63	0.84	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	459.40	467.84	486.96	471.40	3.00	ppb
Selenium	78-2	486.08	473.39	466.41	475.29	2.10	ppb
Selenium	82-1	480.64	483.72	466.38	476.91	1.94	ppb
Silicon	28-1	491.95	497.84	470.27	486.69	2.98	ppb
Silver	109-1	489.68	496.16	469.31	485.05	2.89	ppb
Silver	107-1	488.33	494.43	471.75	484.84	2.42	ppb
Sodium	23-2	246137.69	243102.94	243142.09	244127.58	0.71	ppb
Strontium	86-1	502.57	508.80	475.98	495.78	3.52	ppb
Strontium	88-1	510.33	515.56	486.00	503.97	3.13	ppb
Sulfur	34-1	10106.67	10133.99	9129.54	9790.07	5.84	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	523.56	527.75	504.28	518.53	2.41	ppb
Thallium	205-1	527.14	529.04	506.79	520.99	2.37	ppb
Tin	118-1	466.54	473.63	450.01	463.39	2.61	ppb
Titanium	47-1	2503.40	2530.70	2404.66	2479.59	2.67	ppb
Uranium	238-1	520.30	524.76	502.45	515.84	2.29	ppb
Vanadium	51-2	517.25	509.46	508.87	511.86	0.91	ppb
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	972.76	962.40	958.70	964.62	0.76	ppb
Zirconium	90-1	504.16	512.12	485.00	500.43	2.78	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:11:10	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.30	506.17	482.44	495.97	2.46	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:33:13	DataFile Name :	037LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.48	18.44	17.11	18.34	6.48	ppb
Antimony	121-1	1.85	1.85	1.95	1.88	3.04	ppb
Arsenic	75-2	0.97	0.79	0.92	0.89	10.46	ppb
Barium	135-1	9.46	9.16	9.19	9.27	1.78	ppb
Barium	137-1	9.08	9.07	9.08	9.07	0.09	ppb
Beryllium	9-1	1.16	1.12	0.99	1.09	8.11	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	21.45	22.24	21.95	21.88	1.82	ppb
Boron	11-1	20.43	21.59	21.95	21.32	3.72	ppb
Cadmium	111-1	0.68	0.87	0.64	0.73	17.05	ppb
Cadmium	106-1	-1.89	-0.30	-3.30	-1.83		ppb
Cadmium	108-1	0.94	0.82	0.98	0.91	9.24	ppb
Calcium	43-1	421.07	429.01	416.32	422.13	1.52	ppb
Calcium	44-1	426.72	415.72	422.69	421.71	1.32	ppb
Chromium	52-2	2.01	1.87	2.08	1.99	5.19	ppb
Cobalt	59-2	1.00	0.86	0.98	0.95	8.26	ppb
Copper	63-2	2.40	2.25	2.40	2.35	3.57	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				99		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	50.73	50.41	50.86	50.67	0.46	ppb
Iron	57-2	52.39	53.45	52.29	52.71	1.22	ppb
Lead	206-1	0.92	0.92	0.94	0.93	1.10	ppb
Lead	207-1	0.92	0.91	0.90	0.91	1.09	ppb
Lead	208-1	0.93	0.92	0.91	0.92	0.86	ppb
Lithium	6-1				84		%
Magnesium	24-2	448.31	438.07	432.95	439.78	1.78	ppb
Manganese	55-2	1.03	0.90	0.98	0.97	6.95	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:33:13	DataFile Name :	037LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.50	4.65	4.53	4.56	1.67	ppb
Molybdenum	95-1	4.56	4.59	4.53	4.56	0.72	ppb
Molybdenum	96-1	4.68	4.67	4.44	4.60	2.93	ppb
Molybdenum	97-1	4.52	4.55	4.65	4.57	1.44	ppb
Molybdenum	98-1	4.58	4.57	4.45	4.53	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.88	1.04	0.97	7.98	ppb
Phosphorus	31-2	11.29	7.86	2.75	7.30	58.90	ppb
Potassium	39-2	451.62	457.58	473.81	461.01	2.49	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	77-2	0.55	5.90	4.39	3.61	76.43	ppb
Selenium	78-2	3.08	4.23	4.40	3.90	18.37	ppb
Selenium	82-1	4.63	3.99	4.35	4.32	7.40	ppb
Silicon	28-1	5.20	5.20	5.39	5.26	2.12	ppb
Silver	109-1	1.08	1.01	0.94	1.01	6.87	ppb
Silver	107-1	1.07	0.93	1.02	1.01	7.17	ppb
Sodium	23-2	469.90	454.81	464.79	463.17	1.66	ppb
Strontium	86-1	0.95	0.99	1.00	0.98	3.03	ppb
Strontium	88-1	0.96	0.94	0.91	0.93	2.69	ppb
Sulfur	34-1	-222.60	-203.49	-218.91	-215.00		ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.93	0.92	0.89	0.91	1.90	ppb
Thallium	205-1	0.98	0.88	0.96	0.94	5.64	ppb
Tin	118-1	4.49	4.63	4.49	4.54	1.76	ppb
Titanium	47-1	5.14	4.34	4.77	4.75	8.42	ppb
Uranium	238-1	0.84	0.83	0.88	0.85	3.43	ppb
Vanadium	51-2	4.58	4.74	4.35	4.56	4.21	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	2.20	2.07	1.93	2.07	6.70	ppb
Zirconium	90-1	0.97	0.96	0.99	0.97	1.56	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:33:13	DataFile Name :	037LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	0.98	0.90	0.94	4.35	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:36:47	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	1.07	0.22	0.46	114.78	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	43.22	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	449.16	ppb
Barium	135-1	0.01	0.02	-0.01	0.01	249.99	ppb
Barium	137-1	0.03	0.01	0.01	0.02	36.17	ppb
Beryllium	9-1	0.06	0.13	0.15	0.12	41.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	1.45	1.17	0.79	1.14	29.04	ppb
Boron	11-1	0.92	0.99	1.27	1.06	17.32	ppb
Cadmium	111-1	-0.16	-0.22	-0.18	-0.19		ppb
Cadmium	106-1	-2.35	-2.98	-2.62	-2.65		ppb
Cadmium	108-1	0.07	-0.01	0.03	0.03	139.69	ppb
Calcium	43-1	-1.08	-0.65	2.69	0.32	642.92	ppb
Calcium	44-1	1.14	2.05	-0.13	1.02	107.71	ppb
Chromium	52-2	0.04	0.01	0.02	0.02	43.48	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.33	0.30	0.39	0.34	12.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	1.16	1.04	1.11	1.10	5.28	ppb
Iron	57-2	-1.89	3.21	1.12	0.81	314.37	ppb
Lead	206-1	0.03	0.03	0.03	0.03	11.37	ppb
Lead	207-1	0.03	0.03	0.03	0.03	4.09	ppb
Lead	208-1	0.03	0.03	0.02	0.03	7.44	ppb
Lithium	6-1				84		%
Magnesium	24-2	0.96	0.02	0.96	0.65	83.90	ppb
Manganese	55-2	0.05	0.03	0.04	0.04	26.56	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:36:47	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.03	0.02	72.19	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	99.00	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	43.77	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	20.37	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	35.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.04	-0.06	-0.06		ppb
Phosphorus	31-2	-11.79	10.84	4.80	1.28	912.66	ppb
Potassium	39-2	-0.20	-2.66	-2.33	-1.73		ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	-0.23	0.52	-0.23	0.02	2075.16	ppb
Selenium	78-2	-0.16	-0.11	1.28	0.34	244.22	ppb
Selenium	82-1	0.13	-0.71	-0.94	-0.51		ppb
Silicon	28-1	-6.72	-7.66	-7.06	-7.15		ppb
Silver	109-1	0.02	0.01	0.02	0.02	18.70	ppb
Silver	107-1	0.01	0.01	0.02	0.01	8.76	ppb
Sodium	23-2	15.27	14.95	15.07	15.10	1.09	ppb
Strontium	86-1	-0.02	0.04	-0.06	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	47.12	ppb
Sulfur	34-1	-99.04	-361.21	-117.96	-192.73		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	70.06	ppb
Tin	118-1	0.00	-0.01	-0.04	-0.02		ppb
Titanium	47-1	0.00	0.01	0.00	0.01	85.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.56	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	34.32	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	0.12	0.29	0.16	0.19	45.83	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	81.64	ppb

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:36:47	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	33.09	ppb

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 13:29:10 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	25	33	50	36	35.25	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	17	0	50	22	114.56	cps
Barium	137-1	50	8	17	25	88.19	cps
Beryllium	9-1	39	33	50	41	20.83	cps
Bismuth	209-1	6885730	7153299	7126092	7055040	2.09	cps
Bismuth	209-2	4404264	4451498	4457478	4437747	0.66	cps
Boron	10-1	383	433	308	375	16.78	cps
Boron	11-1	1642	1825	1717	1728	5.33	cps
Cadmium	111-1	1549	1686	1596	1610	4.33	cps
Cadmium	106-1	2217	2417	2284	2306	4.42	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	100	117	108	108	7.69	cps
Calcium	44-1	5201	5368	4993	5187	3.62	cps
Chromium	52-2	187	227	210	208	9.67	cps
Cobalt	59-2	57	43	70	57	23.53	cps
Copper	63-2	443	427	463	444	4.13	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	150	117	150	139	13.85	cps
Holmium	165-1	10410953	10634331	10587904	10544396	1.12	cps
Holmium	165-2	5809844	5889797	5889168	5862936	0.78	cps
Indium	115-1	7728392	7867729	7832943	7809688	0.93	cps
Indium	115-2	1783841	1795670	1805441	1794984	0.60	cps
Iron	56-2	2423	2445	2700	2523	6.12	cps
Iron	57-2	389	372	278	346	17.30	cps
Lead	206-1	167	206	228	200	15.47	cps
Lead	207-1	178	161	217	185	15.39	cps
Lead	208-1	883	878	922	894	2.71	cps
Lithium	6-1	1672922	1698936	1691750	1687869	0.80	cps
Magnesium	24-2	667	642	742	683	7.62	cps
Manganese	55-2	17	37	43	32	43.06	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:29:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	233	208	228	7.62	cps
Molybdenum	95-1	17	8	8	11	43.34	cps
Molybdenum	96-1	58	42	42	47	20.38	cps
Molybdenum	97-1	8	33	25	22	57.29	cps
Molybdenum	98-1	0	17	25	14	91.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	113	170	126	31.67	cps
Phosphorus	31-2	192	167	117	158	24.12	cps
Potassium	39-2	24655	24880	24630	24721	0.56	cps
Rhodium	103-1	6912512	7065709	7062710	7013644	1.25	cps
Rhodium	103-2	3510838	3541781	3544284	3532301	0.53	cps
Scandium	45-1	4445670	4512483	4525091	4494415	0.95	cps
Scandium	45-2	218385	219876	221953	220071	0.81	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	65	89	59	71	22.19	cps
Selenium	82-1	36	-1	79	38	106.43	cps
Silicon	28-1	281369	275211	278510	278363	1.11	cps
Silver	109-1	50	58	42	50	16.67	cps
Silver	107-1	33	33	58	42	34.65	cps
Sodium	23-2	6593	6460	6818	6624	2.74	cps
Strontium	86-1	400	483	467	450	9.80	cps
Strontium	88-1	83	117	75	92	24.05	cps
Sulfur	34-1	221675	221888	221729	221764	0.05	cps
Terbium	159-1	10643567	10863311	10913223	10806700	1.33	cps
Terbium	159-2	5721076	5783448	5792848	5765791	0.68	cps
Thallium	203-1	100	167	83	117	37.80	cps
Thallium	205-1	317	175	225	239	30.08	cps
Tin	118-1	617	842	825	761	16.47	cps
Titanium	47-1	92	42	58	64	39.85	cps
Uranium	238-1	33	33	8	25	57.75	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	7875867	8010404	8011073	7965781	0.98	cps
Yttrium	89-2	1295997	1305632	1314627	1305418	0.71	cps
Zinc	66-2	230	270	247	249	8.07	cps
Zirconium	90-1	617	583	475	558	13.27	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:29:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	117	83	114	25.69	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:37:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1175	1058	1170	9.27	cps
Antimony	121-1	12615	13123	12948	12895	2.00	cps
Arsenic	75-2	228	213	222	221	3.39	cps
Barium	135-1	16702	17220	16152	16691	3.20	cps
Barium	137-1	30100	28305	28121	28842	3.79	cps
Beryllium	9-1	1072	1178	1139	1130	4.73	cps
Bismuth	209-1	7130228	7121800	7062244	7104757	0.52	cps
Bismuth	209-2	4406615	4449311	4424168	4426698	0.48	cps
Boron	10-1	2817	2959	3042	2939	3.87	cps
Boron	11-1	12873	13790	14274	13646	5.22	cps
Cadmium	111-1	3160	2853	3099	3037	5.35	cps
Cadmium	106-1	2467	2134	2525	2375	8.90	cps
Cadmium	108-1	138	88	146	124	25.52	cps
Calcium	43-1	8478	8886	8261	8542	3.72	cps
Calcium	44-1	141185	138669	141453	140436	1.09	cps
Chromium	52-2	4197	4227	4304	4243	1.30	cps
Cobalt	59-2	3187	3247	3187	3207	1.08	cps
Copper	63-2	4831	4671	4751	4751	1.68	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	10	27	17	18	47.19	cps
Gadolinium	160-1	33	17	67	39	65.47	cps
Gadolinium	160-2	137	127	107	123	12.39	cps
Holmium	165-1	10599704	10583790	10547234	10576909	0.25	cps
Holmium	165-2	5891576	5878383	5863110	5877689	0.24	cps
Indium	115-1	7817309	7711905	7731276	7753497	0.72	cps
Indium	115-2	1803562	1798574	1794724	1798953	0.25	cps
Iron	56-2	81263	81755	80665	81227	0.67	cps
Iron	57-2	2222	2328	2311	2287	2.48	cps
Lead	206-1	5579	5746	5901	5742	2.81	cps
Lead	207-1	5235	5457	4946	5212	4.92	cps
Lead	208-1	23426	23948	23136	23503	1.75	cps
Lithium	6-1	1702777	1689010	1684499	1692095	0.56	cps
Magnesium	24-2	67896	67904	68825	68209	0.78	cps
Manganese	55-2	1143	1307	1187	1212	6.98	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:37:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13232	12998	12431	12887	3.20	cps
Molybdenum	95-1	15242	15651	14741	15211	2.99	cps
Molybdenum	96-1	16577	17812	17361	17250	3.62	cps
Molybdenum	97-1	9412	9320	9762	9498	2.46	cps
Molybdenum	98-1	24681	24255	24447	24461	0.87	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	887	1000	963	950	6.09	cps
Phosphorus	31-2	200	100	142	147	34.12	cps
Potassium	39-2	95883	95305	96270	95820	0.51	cps
Rhodium	103-1	6984417	6985353	6937665	6969145	0.39	cps
Rhodium	103-2	3546397	3551196	3548302	3548632	0.07	cps
Scandium	45-1	4505967	4506837	4478921	4497242	0.35	cps
Scandium	45-2	223422	221384	221343	222050	0.54	cps
Selenium	77-2	13	20	27	20	33.35	cps
Selenium	78-2	169	169	122	153	17.46	cps
Selenium	82-1	417	440	532	463	13.16	cps
Silicon	28-1	329435	326536	326888	327620	0.48	cps
Silver	109-1	7244	7336	7327	7302	0.69	cps
Silver	107-1	7477	7461	7928	7622	3.48	cps
Sodium	23-2	133859	134102	135028	134330	0.46	cps
Strontium	86-1	2492	2359	2359	2403	3.20	cps
Strontium	88-1	17787	18095	17378	17753	2.03	cps
Sulfur	34-1	225152	223681	221930	223588	0.72	cps
Terbium	159-1	10820451	10673955	10706792	10733733	0.72	cps
Terbium	159-2	5795139	5790014	5821982	5802378	0.30	cps
Thallium	203-1	6986	6794	6944	6908	1.46	cps
Thallium	205-1	17028	16444	16586	16686	1.83	cps
Tin	118-1	26534	26709	26985	26743	0.85	cps
Titanium	47-1	4017	4026	4451	4165	5.95	cps
Uranium	238-1	25100	25526	25000	25209	1.11	cps
Vanadium	51-2	7809	7909	7756	7824	1.00	cps
Yttrium	89-1	7989426	7965898	7949715	7968346	0.25	cps
Yttrium	89-2	1315557	1316469	1309166	1313731	0.30	cps
Zinc	66-2	930	833	897	887	5.54	cps
Zirconium	90-1	11547	11046	11222	11272	2.25	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:37:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2692	2742	2459	2631	5.75	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 13:41:15 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65695	65838	64749	65427	0.90	cps
Antimony	121-1	359565	354723	354529	356272	0.80	cps
Arsenic	75-2	11764	12081	11810	11885	1.44	cps
Barium	135-1	451899	451435	449833	451055	0.24	cps
Barium	137-1	792833	784470	783885	787063	0.64	cps
Beryllium	9-1	59282	59366	59880	59510	0.54	cps
Bismuth	209-1	7134851	6990532	7086954	7070779	1.04	cps
Bismuth	209-2	4446254	4401065	4398018	4415112	0.61	cps
Boron	10-1	6260	6610	6710	6527	3.62	cps
Boron	11-1	28160	28452	28536	28383	0.69	cps
Cadmium	111-1	83071	82765	82962	82933	0.19	cps
Cadmium	106-1	10730	10462	10871	10688	1.94	cps
Cadmium	108-1	5893	5697	5939	5843	2.20	cps
Calcium	43-1	93806	94602	93896	94101	0.46	cps
Calcium	44-1	1536468	1530742	1514530	1527247	0.75	cps
Chromium	52-2	101681	103288	102023	102331	0.83	cps
Cobalt	59-2	162794	163418	164227	163480	0.44	cps
Copper	63-2	231935	230977	229941	230951	0.43	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	17	75	25	39	81.13	cps
Erbium	164-2	17	30	17	21	36.45	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	103	170	157	143	24.61	cps
Holmium	165-1	10693127	10747344	10521284	10653918	1.11	cps
Holmium	165-2	5958651	5903644	5870916	5911070	0.75	cps
Indium	115-1	7749816	7769314	7672887	7730672	0.66	cps
Indium	115-2	1776248	1772288	1769021	1772519	0.20	cps
Iron	56-2	4256285	4253924	4246832	4252347	0.12	cps
Iron	57-2	105180	105179	105252	105204	0.04	cps
Lead	206-1	300817	303720	299507	301348	0.72	cps
Lead	207-1	274971	278662	278575	277403	0.76	cps
Lead	208-1	1242470	1248243	1243555	1244756	0.25	cps
Lithium	6-1	1696952	1697212	1680698	1691621	0.56	cps
Magnesium	24-2	739616	739876	736086	738526	0.29	cps
Manganese	55-2	120562	117820	120417	119600	1.29	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:41:15	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	686986	676474	678416	680625	0.82	cps
Molybdenum	95-1	842908	834574	832200	836561	0.67	cps
Molybdenum	96-1	924934	923810	922658	923800	0.12	cps
Molybdenum	97-1	517562	519760	518216	518513	0.22	cps
Molybdenum	98-1	1348276	1343186	1337481	1342981	0.40	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	43271	42779	42515	42855	0.89	cps
Phosphorus	31-2	3251	3592	3567	3470	5.49	cps
Potassium	39-2	418223	415020	416032	416425	0.39	cps
Rhodium	103-1	6902629	6909657	6841263	6884516	0.55	cps
Rhodium	103-2	3511499	3480964	3468443	3486969	0.64	cps
Scandium	45-1	4485379	4463164	4424976	4457840	0.69	cps
Scandium	45-2	220915	219565	219132	219871	0.42	cps
Selenium	77-2	257	200	287	248	17.76	cps
Selenium	78-2	935	893	932	920	2.57	cps
Selenium	82-1	4878	4795	4774	4816	1.14	cps
Silicon	28-1	467825	465410	460023	464420	0.86	cps
Silver	109-1	393944	394272	392037	393418	0.31	cps
Silver	107-1	417086	411642	413504	414077	0.67	cps
Sodium	23-2	1412137	1399416	1407058	1406204	0.46	cps
Strontium	86-1	110076	108937	107962	108992	0.97	cps
Strontium	88-1	958135	954035	959727	957299	0.31	cps
Sulfur	34-1	249405	246405	245009	246940	0.91	cps
Terbium	159-1	10850772	10945087	10741487	10845782	0.94	cps
Terbium	159-2	5815831	5764674	5750338	5776948	0.60	cps
Thallium	203-1	365025	365066	364505	364865	0.09	cps
Thallium	205-1	899111	894282	890552	894648	0.48	cps
Tin	118-1	285053	284713	278862	282876	1.23	cps
Titanium	47-1	218240	217828	216456	217508	0.43	cps
Uranium	238-1	1364267	1368688	1354049	1362334	0.55	cps
Vanadium	51-2	87290	84775	84205	85423	1.92	cps
Yttrium	89-1	8005530	7978135	7878264	7953976	0.84	cps
Yttrium	89-2	1301590	1291022	1286781	1293131	0.59	cps
Zinc	66-2	32657	32727	32864	32749	0.32	cps
Zirconium	90-1	571598	566368	561428	566465	0.90	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:41:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	128018	127488	124874	126794	1.33	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 13:45:08 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160931	160584	159374	160296	0.51	cps
Antimony	121-1	889325	888440	886763	888176	0.15	cps
Arsenic	75-2	29229	28975	28706	28970	0.90	cps
Barium	135-1	1130145	1111084	1110228	1117152	1.01	cps
Barium	137-1	1975246	1959534	1943427	1959402	0.81	cps
Beryllium	9-1	145995	145305	143090	144796	1.05	cps
Bismuth	209-1	7206284	7149285	7113369	7156313	0.65	cps
Bismuth	209-2	4325148	4405180	4341954	4357427	0.97	cps
Boron	10-1	14332	14966	14908	14735	2.38	cps
Boron	11-1	66011	67728	69276	67671	2.41	cps
Cadmium	111-1	204019	202129	205498	203882	0.83	cps
Cadmium	106-1	24197	23479	24146	23940	1.67	cps
Cadmium	108-1	15242	14975	14529	14915	2.42	cps
Calcium	43-1	227598	227193	224377	226389	0.78	cps
Calcium	44-1	3775774	3724447	3713224	3737815	0.89	cps
Chromium	52-2	246090	246014	246141	246082	0.03	cps
Cobalt	59-2	395988	393047	392063	393699	0.52	cps
Copper	63-2	554893	557466	551312	554557	0.56	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	23	47	13	28	61.59	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	10	40	17	22	70.88	cps
Gadolinium	160-1	83	33	75	64	41.93	cps
Gadolinium	160-2	143	133	103	127	16.43	cps
Holmium	165-1	10726235	10648487	10584942	10653222	0.66	cps
Holmium	165-2	5819618	5902915	5836435	5852989	0.75	cps
Indium	115-1	7682478	7625273	7594384	7634045	0.59	cps
Indium	115-2	1720319	1759602	1721753	1733891	1.28	cps
Iron	56-2	10335923	10275532	10170758	10260738	0.81	cps
Iron	57-2	251428	252146	247688	250421	0.96	cps
Lead	206-1	749590	747796	752794	750060	0.34	cps
Lead	207-1	700857	695083	690762	695567	0.73	cps
Lead	208-1	3116208	3096907	3101320	3104812	0.33	cps
Lithium	6-1	1643380	1636307	1615280	1631656	0.90	cps
Magnesium	24-2	1816297	1806428	1801867	1808197	0.41	cps
Manganese	55-2	291713	290847	287400	289987	0.79	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:45:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1689736	1673386	1665771	1676298	0.73	cps
Molybdenum	95-1	2078069	2056054	2043695	2059273	0.85	cps
Molybdenum	96-1	2307571	2262966	2267552	2279363	1.08	cps
Molybdenum	97-1	1282975	1268468	1270041	1273828	0.62	cps
Molybdenum	98-1	3345394	3315532	3297813	3319580	0.72	cps
Neodymium	150-1	60	80	80	73	15.75	cps
Neodymium	150-2	0	7	17	8	107.84	cps
Nickel	60-2	103109	102546	102489	102714	0.33	cps
Phosphorus	31-2	8520	8544	8228	8431	2.09	cps
Potassium	39-2	978660	979959	959683	972767	1.17	cps
Rhodium	103-1	6827212	6783533	6713680	6774808	0.85	cps
Rhodium	103-2	3387983	3438473	3376790	3401082	0.97	cps
Scandium	45-1	4381149	4345635	4315443	4347409	0.76	cps
Scandium	45-2	213779	217830	212815	214808	1.24	cps
Selenium	77-2	613	647	633	631	2.66	cps
Selenium	78-2	2195	2137	2167	2166	1.33	cps
Selenium	82-1	12094	11899	11792	11928	1.28	cps
Silicon	28-1	735070	730807	722163	729347	0.90	cps
Silver	109-1	971386	962722	966899	967002	0.45	cps
Silver	107-1	1023290	1015757	1012133	1017060	0.56	cps
Sodium	23-2	3467349	3460425	3425478	3451084	0.65	cps
Strontium	86-1	267283	266442	263261	265662	0.80	cps
Strontium	88-1	2374025	2351560	2333913	2353166	0.85	cps
Sulfur	34-1	292189	294667	287762	291539	1.20	cps
Terbium	159-1	10907660	10787052	10708483	10801065	0.93	cps
Terbium	159-2	5714569	5779321	5658889	5717593	1.05	cps
Thallium	203-1	924508	912296	911578	916127	0.79	cps
Thallium	205-1	2257769	2254184	2236316	2249423	0.51	cps
Tin	118-1	697488	693878	695507	695624	0.26	cps
Titanium	47-1	533823	523005	524015	526948	1.13	cps
Uranium	238-1	3499217	3465135	3452140	3472164	0.70	cps
Vanadium	51-2	208666	206740	205179	206862	0.84	cps
Yttrium	89-1	7913743	7825872	7780119	7839911	0.87	cps
Yttrium	89-2	1262329	1289869	1253551	1268583	1.49	cps
Zinc	66-2	78744	79911	78624	79093	0.90	cps
Zirconium	90-1	1415133	1389581	1387574	1397429	1.10	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:45:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	309710	309727	306515	308650	0.60	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300860	295832	294723	297138	1.10	cps
Antimony	121-1	1746790	1712667	1712096	1723851	1.15	cps
Arsenic	75-2	54347	53529	52786	53554	1.46	cps
Barium	135-1	2219206	2154341	2187141	2186896	1.48	cps
Barium	137-1	3896556	3808052	3837791	3847467	1.17	cps
Beryllium	9-1	269817	262841	262406	265021	1.57	cps
Bismuth	209-1	6856263	7108482	7033719	6999488	1.85	cps
Bismuth	209-2	4171884	4192995	4135263	4166714	0.70	cps
Boron	10-1	27384	27684	27885	27651	0.91	cps
Boron	11-1	125088	122351	124416	123952	1.15	cps
Cadmium	111-1	390143	386581	379575	385433	1.40	cps
Cadmium	106-1	41963	42088	41913	41988	0.22	cps
Cadmium	108-1	28675	27347	27318	27780	2.79	cps
Calcium	43-1	427015	423365	413335	421238	1.68	cps
Calcium	44-1	6972574	6856516	6778748	6869279	1.42	cps
Chromium	52-2	459746	456503	453909	456719	0.64	cps
Cobalt	59-2	734688	729168	728804	730886	0.45	cps
Copper	63-2	1040145	1029031	1029752	1032976	0.60	cps
Dysprosium	156-1	25	25	67	39	61.86	cps
Dysprosium	156-2	13	43	40	32	51.04	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	75	58	92	75	22.22	cps
Gadolinium	160-2	97	87	153	112	32.04	cps
Holmium	165-1	10417122	10438697	10344748	10400189	0.47	cps
Holmium	165-2	5622667	5627209	5552473	5600783	0.75	cps
Indium	115-1	7283058	7267929	7209913	7253633	0.53	cps
Indium	115-2	1617040	1620907	1594302	1610750	0.89	cps
Iron	56-2	19310513	19119133	19050256	19159967	0.70	cps
Iron	57-2	472921	469866	471437	471408	0.32	cps
Lead	206-1	1512725	1516203	1496480	1508469	0.70	cps
Lead	207-1	1383711	1394873	1377573	1385386	0.63	cps
Lead	208-1	6270600	6276563	6210899	6252687	0.58	cps
Lithium	6-1	1538281	1515235	1495793	1516436	1.40	cps
Magnesium	24-2	3469905	3391524	3384988	3415472	1.38	cps
Manganese	55-2	545092	540713	537235	541013	0.73	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3255001	3211382	3181702	3216028	1.15	cps
Molybdenum	95-1	4009116	3946597	3886885	3947533	1.55	cps
Molybdenum	96-1	4421368	4371474	4342390	4378411	0.91	cps
Molybdenum	97-1	2470363	2432396	2424051	2442270	1.01	cps
Molybdenum	98-1	6374853	6254656	6232224	6287245	1.22	cps
Neodymium	150-1	113	120	160	131	19.25	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	191610	189920	189807	190446	0.53	cps
Phosphorus	31-2	15926	15459	14691	15359	4.06	cps
Potassium	39-2	1786713	1778955	1753716	1773128	0.97	cps
Rhodium	103-1	6346002	6331520	6262923	6313482	0.70	cps
Rhodium	103-2	3171967	3188120	3153638	3171241	0.54	cps
Scandium	45-1	4026019	3983612	3908838	3972823	1.49	cps
Scandium	45-2	198521	199652	197518	198564	0.54	cps
Selenium	77-2	1077	1117	1197	1130	5.41	cps
Selenium	78-2	3915	3860	3891	3889	0.72	cps
Selenium	82-1	22723	22021	21974	22239	1.89	cps
Silicon	28-1	1085872	1065285	1060015	1070391	1.28	cps
Silver	109-1	1857396	1850276	1827233	1844969	0.85	cps
Silver	107-1	1942861	1926994	1900066	1923307	1.12	cps
Sodium	23-2	6486812	6378371	6360311	6408498	1.07	cps
Strontium	86-1	506263	500767	498858	501963	0.77	cps
Strontium	88-1	4540612	4503012	4461749	4501791	0.88	cps
Sulfur	34-1	313464	303683	302819	306655	1.93	cps
Terbium	159-1	10564189	10554713	10513121	10544008	0.26	cps
Terbium	159-2	5490786	5501609	5416683	5469693	0.85	cps
Thallium	203-1	1857327	1839962	1833306	1843532	0.67	cps
Thallium	205-1	4595092	4575037	4534753	4568294	0.67	cps
Tin	118-1	1361058	1348935	1341749	1350580	0.72	cps
Titanium	47-1	987235	979352	955310	973966	1.71	cps
Uranium	238-1	7012941	6979358	6928367	6973555	0.61	cps
Vanadium	51-2	388481	384937	381732	385050	0.88	cps
Yttrium	89-1	7411564	7391405	7292109	7365026	0.87	cps
Yttrium	89-2	1181114	1185567	1169002	1178561	0.73	cps
Zinc	66-2	144854	144220	145593	144889	0.47	cps
Zirconium	90-1	2720526	2675547	2654892	2683655	1.25	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:48:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	595482	586899	584361	588914	0.99	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 13:52:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581248	580143	578305	579899	0.26	cps
Antimony	121-1	3371536	3383612	3355036	3370061	0.43	cps
Arsenic	75-2	104087	104591	103785	104154	0.39	cps
Barium	135-1	4317719	4307328	4267374	4297474	0.62	cps
Barium	137-1	7453409	7420387	7374472	7416089	0.53	cps
Beryllium	9-1	495745	491849	488646	492080	0.72	cps
Bismuth	209-1	6930167	7065375	6912994	6969512	1.20	cps
Bismuth	209-2	4060522	4107628	4028976	4065709	0.97	cps
Boron	10-1	52383	51714	53956	52684	2.18	cps
Boron	11-1	233464	235751	238990	236068	1.18	cps
Cadmium	111-1	743712	741044	737942	740899	0.39	cps
Cadmium	106-1	79455	78283	77528	78422	1.24	cps
Cadmium	108-1	54350	53200	52777	53442	1.52	cps
Calcium	43-1	798273	789714	787350	791779	0.73	cps
Calcium	44-1	12967508	12895147	12812827	12891827	0.60	cps
Chromium	52-2	892528	893765	890345	892212	0.19	cps
Cobalt	59-2	1422240	1416326	1414262	1417609	0.29	cps
Copper	63-2	1997711	1993879	1990701	1994097	0.18	cps
Dysprosium	156-1	83	108	58	83	30.00	cps
Dysprosium	156-2	47	37	67	50	30.55	cps
Erbium	164-1	92	100	42	78	40.56	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	83	42	75	67	33.07	cps
Gadolinium	160-2	123	147	110	127	14.65	cps
Holmium	165-1	10247522	10440459	10203934	10297305	1.22	cps
Holmium	165-2	5525377	5588801	5519791	5544657	0.69	cps
Indium	115-1	6919399	7028472	6907890	6951920	0.96	cps
Indium	115-2	1544581	1568654	1559325	1557520	0.78	cps
Iron	56-2	37616176	37429855	37220126	37422052	0.53	cps
Iron	57-2	928643	917999	918483	921708	0.65	cps
Lead	206-1	3012708	3000070	3010101	3007626	0.22	cps
Lead	207-1	2771874	2785978	2774180	2777344	0.27	cps
Lead	208-1	12611902	12632947	12552361	12599070	0.33	cps
Lithium	6-1	1411899	1430966	1410197	1417688	0.81	cps
Magnesium	24-2	6704381	6609663	6622639	6645561	0.77	cps
Manganese	55-2	1057443	1055800	1052018	1055087	0.26	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:52:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6168842	6124509	6109769	6134373	0.50	cps
Molybdenum	95-1	7573773	7536005	7550347	7553375	0.25	cps
Molybdenum	96-1	8394719	8303322	8320916	8339652	0.58	cps
Molybdenum	97-1	4757377	4704783	4728574	4730245	0.56	cps
Molybdenum	98-1	12160439	12068512	12031502	12086818	0.55	cps
Neodymium	150-1	280	273	260	271	3.76	cps
Neodymium	150-2	30	40	43	38	18.36	cps
Nickel	60-2	369652	366121	365506	367093	0.61	cps
Phosphorus	31-2	29622	29814	28962	29466	1.52	cps
Potassium	39-2	3475400	3457050	3461002	3464484	0.28	cps
Rhodium	103-1	6053545	6155443	6018535	6075841	1.17	cps
Rhodium	103-2	3051556	3086079	3056939	3064858	0.61	cps
Scandium	45-1	3701559	3759770	3669621	3710317	1.23	cps
Scandium	45-2	193184	193973	191010	192722	0.80	cps
Selenium	77-2	2210	2024	2290	2175	6.29	cps
Selenium	78-2	7467	7582	7461	7503	0.91	cps
Selenium	82-1	42439	41844	42118	42133	0.71	cps
Silicon	28-1	1762979	1754988	1750745	1756237	0.35	cps
Silver	109-1	3545693	3532772	3536046	3538170	0.19	cps
Silver	107-1	3719530	3691166	3686597	3699098	0.48	cps
Sodium	23-2	12635077	12521788	12464298	12540388	0.69	cps
Strontium	86-1	968757	957309	956734	960934	0.71	cps
Strontium	88-1	8626677	8540322	8538117	8568372	0.59	cps
Sulfur	34-1	392347	384483	383827	386886	1.23	cps
Terbium	159-1	10323445	10495967	10304680	10374698	1.02	cps
Terbium	159-2	5398752	5396866	5386550	5394056	0.12	cps
Thallium	203-1	3711591	3698104	3692373	3700689	0.27	cps
Thallium	205-1	8901419	8916382	8875513	8897771	0.23	cps
Tin	118-1	2639948	2615730	2616347	2624008	0.53	cps
Titanium	47-1	1850766	1832879	1826667	1836771	0.68	cps
Uranium	238-1	14177019	14185852	14163838	14175569	0.08	cps
Vanadium	51-2	756163	752792	752707	753887	0.26	cps
Yttrium	89-1	7028966	7101728	7016194	7048963	0.65	cps
Yttrium	89-2	1142234	1158166	1149538	1149979	0.69	cps
Zinc	66-2	280077	279279	279194	279517	0.17	cps
Zirconium	90-1	5225738	5184658	5186656	5199017	0.45	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:52:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1137973	1139117	1133050	1136713	0.28	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 13:56:29 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1141115	1125406	1128060	1131527	0.74	cps
Antimony	121-1	6551684	6527365	6494557	6524535	0.44	cps
Arsenic	75-2	204541	204698	203359	204199	0.36	cps
Barium	135-1	8403430	8379109	8312317	8364952	0.56	cps
Barium	137-1	14585387	14516267	14463870	14521841	0.42	cps
Beryllium	9-1	948983	939702	938538	942408	0.61	cps
Bismuth	209-1	6761545	6887201	6780496	6809747	0.99	cps
Bismuth	209-2	3947236	4018771	3998398	3988135	0.92	cps
Boron	10-1	102126	103588	105081	103598	1.43	cps
Boron	11-1	457650	466874	468240	464255	1.24	cps
Cadmium	111-1	1426776	1416058	1409088	1417307	0.63	cps
Cadmium	106-1	148116	148679	148242	148346	0.20	cps
Cadmium	108-1	103378	102840	101103	102440	1.16	cps
Calcium	43-1	1555161	1544448	1545493	1548367	0.38	cps
Calcium	44-1	25333894	25121475	25141158	25198842	0.47	cps
Chromium	52-2	1751346	1747240	1738685	1745757	0.37	cps
Cobalt	59-2	2769024	2761852	2750170	2760349	0.34	cps
Copper	63-2	3874097	3853136	3844138	3857124	0.40	cps
Dysprosium	156-1	217	150	117	161	31.61	cps
Dysprosium	156-2	100	140	73	104	32.13	cps
Erbium	164-1	67	75	92	78	16.37	cps
Erbium	164-2	53	27	37	39	34.63	cps
Gadolinium	160-1	142	167	100	136	24.74	cps
Gadolinium	160-2	167	133	110	137	20.84	cps
Holmium	165-1	10091465	10337633	10222573	10217224	1.21	cps
Holmium	165-2	5474387	5538747	5500743	5504626	0.59	cps
Indium	115-1	6732028	6871849	6780744	6794874	1.04	cps
Indium	115-2	1507187	1525526	1527032	1519915	0.73	cps
Iron	56-2	73439999	72601418	72241196	72760871	0.85	cps
Iron	57-2	1795335	1797779	1776488	1789868	0.65	cps
Lead	206-1	5959362	5941705	5903008	5934692	0.49	cps
Lead	207-1	5487002	5482083	5457758	5475614	0.29	cps
Lead	208-1	24390094	24358134	24181744	24309991	0.46	cps
Lithium	6-1	1386924	1397168	1392493	1392195	0.37	cps
Magnesium	24-2	13066435	12872861	12885175	12941490	0.84	cps
Manganese	55-2	2083718	2059171	2053900	2065596	0.77	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:56:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11990427	11937820	11958094	11962114	0.22	cps
Molybdenum	95-1	14812688	14769283	14760821	14780931	0.19	cps
Molybdenum	96-1	16408777	16391762	16273295	16357945	0.45	cps
Molybdenum	97-1	9257323	9236904	9198674	9230967	0.32	cps
Molybdenum	98-1	23859557	23857079	23614819	23777152	0.59	cps
Neodymium	150-1	580	533	540	551	4.58	cps
Neodymium	150-2	87	70	100	86	17.57	cps
Nickel	60-2	705660	707807	698320	703929	0.71	cps
Phosphorus	31-2	57930	56918	57487	57445	0.88	cps
Potassium	39-2	6738465	6632067	6634455	6668329	0.91	cps
Rhodium	103-1	5852852	5929299	5901707	5894619	0.66	cps
Rhodium	103-2	2962182	3010037	3004204	2992141	0.87	cps
Scandium	45-1	3610699	3686219	3646462	3647793	1.04	cps
Scandium	45-2	192085	191116	191557	191586	0.25	cps
Selenium	77-2	4277	4304	4061	4214	3.17	cps
Selenium	78-2	14289	14233	14118	14213	0.61	cps
Selenium	82-1	81355	80656	80570	80860	0.53	cps
Silicon	28-1	3145996	3112256	3109960	3122737	0.65	cps
Silver	109-1	6762303	6741376	6722735	6742138	0.29	cps
Silver	107-1	7104575	7076932	7064611	7082039	0.29	cps
Sodium	23-2	24684290	24395607	24391907	24490601	0.68	cps
Strontium	86-1	1892175	1887170	1882485	1887277	0.26	cps
Strontium	88-1	16802095	16692796	16728724	16741205	0.33	cps
Sulfur	34-1	585620	574318	581878	580605	0.99	cps
Terbium	159-1	10178990	10410843	10322709	10304181	1.14	cps
Terbium	159-2	5335515	5433586	5379114	5382738	0.91	cps
Thallium	203-1	7099964	7151445	7092914	7114774	0.45	cps
Thallium	205-1	17414115	17433803	17276609	17374843	0.49	cps
Tin	118-1	5170463	5145242	5137997	5151234	0.33	cps
Titanium	47-1	3613515	3613751	3603605	3610290	0.16	cps
Uranium	238-1	27963654	27944044	27817519	27908406	0.28	cps
Vanadium	51-2	1490174	1475682	1475835	1480563	0.56	cps
Yttrium	89-1	6931566	7073756	7019565	7008295	1.02	cps
Yttrium	89-2	1136538	1148656	1150487	1145227	0.66	cps
Zinc	66-2	540042	537189	538391	538541	0.27	cps
Zirconium	90-1	10190223	10107833	10087826	10128627	0.54	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 13:56:29	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2244457	2220737	2233591	2232928	0.53	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 14:00:12 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6047198	6091347	6064975	6067840	0.37	cps
Antimony	121-1	7953	7452	7627	7677	3.31	cps
Arsenic	75-2	130	122	119	123	4.58	cps
Barium	135-1	3834	3642	3559	3678	3.83	cps
Barium	137-1	6735	6902	6193	6610	5.61	cps
Beryllium	9-1	806	739	822	789	5.59	cps
Bismuth	209-1	6037524	6096341	6029635	6054500	0.60	cps
Bismuth	209-2	3565166	3597481	3603112	3588586	0.57	cps
Boron	10-1	5318	5218	4643	5059	7.20	cps
Boron	11-1	24788	22618	21116	22840	8.08	cps
Cadmium	111-1	1789	1710	1649	1716	4.07	cps
Cadmium	106-1	1925	1834	1884	1881	2.44	cps
Cadmium	108-1	25	46	33	35	30.20	cps
Calcium	43-1	8493069	8539634	8553696	8528799	0.37	cps
Calcium	44-1	138743778	139497207	139342428	139194471	0.29	cps
Chromium	52-2	83767	84011	82858	83545	0.73	cps
Cobalt	59-2	5228	5098	5121	5149	1.35	cps
Copper	63-2	7839	7822	7919	7860	0.66	cps
Dysprosium	156-1	100	50	92	81	33.26	cps
Dysprosium	156-2	37	27	50	38	30.98	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	67	150	92	103	41.61	cps
Gadolinium	160-2	103	110	120	111	7.55	cps
Holmium	165-1	9885200	9889210	9815541	9863317	0.42	cps
Holmium	165-2	5282792	5339376	5306367	5309511	0.54	cps
Indium	115-1	6571965	6606578	6570149	6582897	0.31	cps
Indium	115-2	1498075	1504881	1505255	1502737	0.27	cps
Iron	56-2	366387964	367914175	368430097	367577412	0.29	cps
Iron	57-2	8987398	9122236	9078914	9062849	0.76	cps
Lead	206-1	33325	33086	31332	32581	3.34	cps
Lead	207-1	28904	27557	28353	28271	2.40	cps
Lead	208-1	132749	129845	128976	130524	1.51	cps
Lithium	6-1	1444903	1476320	1479087	1466770	1.29	cps
Magnesium	24-2	68826245	69074099	68905347	68935231	0.18	cps
Manganese	55-2	11468	11711	11455	11545	1.25	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:00:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16961	17520	16852	17111	2.09	cps
Molybdenum	95-1	27995	27360	28212	27856	1.59	cps
Molybdenum	96-1	32864	33699	33190	33251	1.27	cps
Molybdenum	97-1	17937	16644	16944	17175	3.94	cps
Molybdenum	98-1	44312	43634	44295	44080	0.88	cps
Neodymium	150-1	153	93	100	116	28.46	cps
Neodymium	150-2	37	60	63	53	27.24	cps
Nickel	60-2	21149	21383	21019	21183	0.87	cps
Phosphorus	31-2	233	267	250	250	6.67	cps
Potassium	39-2	34849602	34967629	35018842	34945358	0.25	cps
Rhodium	103-1	5538269	5591210	5567362	5565614	0.48	cps
Rhodium	103-2	2795664	2818651	2801250	2805188	0.43	cps
Scandium	45-1	3772453	3829336	3843648	3815146	0.99	cps
Scandium	45-2	196771	197285	198879	197645	0.56	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	57	59	63	60	4.72	cps
Selenium	82-1	159	46	111	105	53.70	cps
Silicon	28-1	310868	309543	310375	310262	0.22	cps
Silver	109-1	1500	1367	1200	1356	11.09	cps
Silver	107-1	1517	1717	1567	1600	6.51	cps
Sodium	23-2	127627603	127541349	127764515	127644489	0.09	cps
Strontium	86-1	68690	66035	65844	66856	2.38	cps
Strontium	88-1	594435	590848	583724	589669	0.92	cps
Sulfur	34-1	182716	187086	185279	185027	1.19	cps
Terbium	159-1	9916646	10030035	9884319	9943667	0.77	cps
Terbium	159-2	5170967	5225333	5204041	5200114	0.53	cps
Thallium	203-1	4584	4176	4026	4262	6.78	cps
Thallium	205-1	11656	11280	10213	11050	6.77	cps
Tin	118-1	15150	15000	14750	14967	1.35	cps
Titanium	47-1	2625	2742	2417	2595	6.35	cps
Uranium	238-1	6502	5902	5543	5982	8.10	cps
Vanadium	51-2	877	780	830	829	5.83	cps
Yttrium	89-1	6900370	6993398	6972857	6955542	0.70	cps
Yttrium	89-2	1140024	1152914	1149688	1147542	0.58	cps
Zinc	66-2	3074	3080	3137	3097	1.12	cps
Zirconium	90-1	4568	4309	4584	4487	3.44	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:00:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	950	1142	997	12.79	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 14:08:42 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28654	27251	28720	28208	2.94	cps
Antimony	121-1	1231997	1221153	1237974	1230374	0.69	cps
Arsenic	75-2	40948	40452	40211	40537	0.93	cps
Barium	135-1	160945	159169	157246	159120	1.16	cps
Barium	137-1	278812	279460	277843	278705	0.29	cps
Beryllium	9-1	98820	99401	97842	98687	0.80	cps
Bismuth	209-1	6988089	6977406	7007322	6990939	0.22	cps
Bismuth	209-2	4170889	4193029	4183096	4182338	0.27	cps
Boron	10-1	62204	62664	63726	62865	1.24	cps
Boron	11-1	283400	285062	283747	284069	0.31	cps
Cadmium	111-1	147633	148365	147452	147817	0.33	cps
Cadmium	106-1	25925	26860	26668	26484	1.86	cps
Cadmium	108-1	13861	13936	14095	13964	0.85	cps
Calcium	43-1	34341	35009	34700	34683	0.96	cps
Calcium	44-1	550332	547049	543182	546854	0.65	cps
Chromium	52-2	169077	170104	168537	169240	0.47	cps
Cobalt	59-2	278842	280661	282391	280631	0.63	cps
Copper	63-2	197817	198233	198217	198089	0.12	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	58	75	56	37.75	cps
Erbium	164-2	50	37	37	41	18.72	cps
Gadolinium	160-1	58	75	58	64	15.05	cps
Gadolinium	160-2	103	103	127	111	12.12	cps
Holmium	165-1	10260329	10189127	10278525	10242660	0.46	cps
Holmium	165-2	5532656	5548811	5540993	5540820	0.15	cps
Indium	115-1	7323206	7245902	7247411	7272173	0.61	cps
Indium	115-2	1613615	1631137	1622645	1622466	0.54	cps
Iron	56-2	1462723	1463551	1451226	1459166	0.47	cps
Iron	57-2	36841	36089	36601	36511	1.05	cps
Lead	206-1	1118553	1113561	1112329	1114815	0.30	cps
Lead	207-1	983670	984776	983985	984144	0.06	cps
Lead	208-1	4532896	4519431	4521374	4524567	0.16	cps
Lithium	6-1	1584738	1579131	1579932	1581267	0.19	cps
Magnesium	24-2	157604	160181	158084	158623	0.86	cps
Manganese	55-2	102880	103192	101121	102398	1.09	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:08:42	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2749796	2741889	2719437	2737040	0.58	cps
Molybdenum	95-1	1517242	1490453	1495934	1501210	0.94	cps
Molybdenum	96-1	1907291	1917556	1908200	1911016	0.30	cps
Molybdenum	97-1	930848	928284	927431	928854	0.19	cps
Molybdenum	98-1	2429002	2414265	2415113	2419460	0.34	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	73842	73409	72294	73182	1.09	cps
Phosphorus	31-2	117	200	183	167	26.46	cps
Potassium	39-2	292691	292710	290534	291978	0.43	cps
Rhodium	103-1	6464955	6455112	6464330	6461466	0.09	cps
Rhodium	103-2	3220819	3251418	3251110	3241116	0.54	cps
Scandium	45-1	4082503	4060925	4084078	4075835	0.32	cps
Scandium	45-2	204601	206067	203040	204569	0.74	cps
Selenium	77-2	980	920	873	924	5.78	cps
Selenium	78-2	2819	3015	2852	2895	3.63	cps
Selenium	82-1	16879	16620	16613	16704	0.91	cps
Silicon	28-1	1859484	1847044	1849077	1851868	0.36	cps
Silver	109-1	679742	676048	679379	678390	0.30	cps
Silver	107-1	715759	708243	714967	712989	0.58	cps
Sodium	23-2	505365	504396	506439	505400	0.20	cps
Strontium	86-1	963003	960720	961258	961661	0.12	cps
Strontium	88-1	8639646	8574267	8579207	8597707	0.42	cps
Sulfur	34-1	194233	193678	190663	192858	1.00	cps
Terbium	159-1	10355365	10357903	10394260	10369176	0.21	cps
Terbium	159-2	5392663	5416057	5409674	5406131	0.22	cps
Thallium	203-1	1379757	1369742	1383873	1377791	0.53	cps
Thallium	205-1	3395464	3377438	3371846	3381583	0.36	cps
Tin	118-1	2587133	2565264	2571183	2574527	0.44	cps
Titanium	47-1	383686	383570	383605	383620	0.02	cps
Uranium	238-1	13021651	13001341	12946791	12989927	0.30	cps
Vanadium	51-2	146310	144906	144631	145282	0.62	cps
Yttrium	89-1	7416583	7392268	7415802	7408218	0.19	cps
Yttrium	89-2	1190891	1196005	1187947	1191614	0.34	cps
Zinc	66-2	55652	56057	54950	55553	1.01	cps
Zirconium	90-1	5208257	5174562	5170470	5184430	0.40	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:08:42	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142645	1133189	1130103	1135312	0.58	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:38:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1175	1183	1267	1208	4.19	cps
Antimony	121-1	13140	12139	12640	12640	3.96	cps
Arsenic	75-2	220	228	231	227	2.50	cps
Barium	135-1	16327	15593	15309	15743	3.34	cps
Barium	137-1	27336	27528	27779	27548	0.81	cps
Beryllium	9-1	1206	1217	1133	1185	3.82	cps
Bismuth	209-1	7110707	7067384	7126478	7101523	0.43	cps
Bismuth	209-2	4332286	4387611	4348857	4356251	0.65	cps
Boron	10-1	3025	3192	2884	3034	5.09	cps
Boron	11-1	13557	13115	14049	13573	3.44	cps
Cadmium	111-1	3049	2883	2858	2930	3.54	cps
Cadmium	106-1	2434	2409	2242	2361	4.41	cps
Cadmium	108-1	138	129	129	132	3.64	cps
Calcium	43-1	8495	7844	8528	8289	4.65	cps
Calcium	44-1	138182	136130	136004	136772	0.89	cps
Chromium	52-2	4097	4121	4121	4113	0.33	cps
Cobalt	59-2	3220	2994	2937	3050	4.92	cps
Copper	63-2	4587	4851	4671	4703	2.86	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	23	17	23	21	18.21	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	93	110	110	104	9.21	cps
Holmium	165-1	10680756	10723828	10736804	10713796	0.27	cps
Holmium	165-2	5737411	5796180	5785156	5772916	0.54	cps
Indium	115-1	7656139	7734334	7704626	7698366	0.51	cps
Indium	115-2	1729300	1740604	1731134	1733679	0.35	cps
Iron	56-2	81374	79973	78833	80060	1.59	cps
Iron	57-2	2134	2345	2322	2267	5.12	cps
Lead	206-1	5696	5579	5907	5727	2.90	cps
Lead	207-1	5690	5268	5146	5368	5.32	cps
Lead	208-1	23948	23793	24154	23965	0.76	cps
Lithium	6-1	1635092	1635705	1650340	1640379	0.53	cps
Magnesium	24-2	66758	67009	67353	67040	0.45	cps
Manganese	55-2	1037	1000	1257	1098	12.65	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:38:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13056	12281	12489	12609	3.18	cps
Molybdenum	95-1	14650	15033	14550	14744	1.73	cps
Molybdenum	96-1	16710	16193	16769	16557	1.91	cps
Molybdenum	97-1	9370	9270	9187	9276	0.99	cps
Molybdenum	98-1	24380	24806	23787	24324	2.10	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	837	850	830	839	1.21	cps
Phosphorus	31-2	275	258	217	250	12.02	cps
Potassium	39-2	94105	93954	93200	93753	0.52	cps
Rhodium	103-1	6885554	6918834	6887403	6897264	0.27	cps
Rhodium	103-2	3393966	3430483	3426608	3417019	0.59	cps
Scandium	45-1	4352248	4321454	4361732	4345145	0.48	cps
Scandium	45-2	214709	215067	214899	214891	0.08	cps
Selenium	77-2	27	23	33	28	18.33	cps
Selenium	78-2	143	143	144	143	0.75	cps
Selenium	82-1	403	431	411	415	3.55	cps
Silicon	28-1	296118	292951	295048	294705	0.55	cps
Silver	109-1	7110	7210	7219	7180	0.84	cps
Silver	107-1	7536	7786	8019	7780	3.11	cps
Sodium	23-2	135448	135398	134414	135087	0.43	cps
Strontium	86-1	2459	2500	2400	2453	2.05	cps
Strontium	88-1	17470	17036	17853	17453	2.34	cps
Sulfur	34-1	210408	212901	206443	209917	1.55	cps
Terbium	159-1	10853448	10904316	10852631	10870132	0.27	cps
Terbium	159-2	5634666	5676782	5680215	5663887	0.45	cps
Thallium	203-1	7369	6827	6752	6983	4.82	cps
Thallium	205-1	16436	17053	16703	16731	1.85	cps
Tin	118-1	25724	26651	25733	26036	2.05	cps
Titanium	47-1	4326	3959	3926	4070	5.45	cps
Uranium	238-1	25576	24290	24925	24930	2.58	cps
Vanadium	51-2	7462	7645	7482	7530	1.34	cps
Yttrium	89-1	7869928	7884377	7922356	7892220	0.34	cps
Yttrium	89-2	1254224	1269748	1265540	1263171	0.64	cps
Zinc	66-2	893	863	973	910	6.25	cps
Zirconium	90-1	11355	11380	10930	11222	2.26	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:38:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2467	2859	2667	2664	7.35	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:43:14	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	25	19	89.21	cps
Antimony	121-1	75	67	125	89	35.50	cps
Arsenic	75-2	7	2	2	4	86.68	cps
Barium	135-1	50	17	50	39	49.48	cps
Barium	137-1	25	92	25	47	81.51	cps
Beryllium	9-1	67	117	78	87	30.16	cps
Bismuth	209-1	7153577	7037614	7113600	7101597	0.83	cps
Bismuth	209-2	4367494	4356338	4384580	4369471	0.33	cps
Boron	10-1	408	525	467	467	12.50	cps
Boron	11-1	2459	2134	2217	2270	7.44	cps
Cadmium	111-1	1658	1351	1435	1481	10.73	cps
Cadmium	106-1	2367	1942	2059	2122	10.35	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	75	92	92	86	11.18	cps
Calcium	44-1	4751	4759	5109	4873	4.20	cps
Chromium	52-2	237	240	207	228	8.06	cps
Cobalt	59-2	50	37	57	48	21.31	cps
Copper	63-2	460	460	383	434	10.19	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	83	47	71.32	cps
Erbium	164-2	7	27	20	18	57.27	cps
Gadolinium	160-1	58	33	83	58	42.86	cps
Gadolinium	160-2	107	120	107	111	6.93	cps
Holmium	165-1	10739606	10591581	10738411	10689866	0.80	cps
Holmium	165-2	5799038	5847978	5834753	5827256	0.43	cps
Indium	115-1	7719966	7699388	7703529	7707628	0.14	cps
Indium	115-2	1754472	1761364	1755465	1757100	0.21	cps
Iron	56-2	3039	2928	3123	3030	3.22	cps
Iron	57-2	306	422	272	333	23.63	cps
Lead	206-1	322	278	378	326	15.37	cps
Lead	207-1	228	289	356	291	21.98	cps
Lead	208-1	1267	1289	1445	1333	7.26	cps
Lithium	6-1	1647835	1641254	1656679	1648589	0.47	cps
Magnesium	24-2	575	550	558	561	2.27	cps
Manganese	55-2	63	30	43	46	36.83	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:43:14	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	217	225	244	16.82	cps
Molybdenum	95-1	50	25	33	36	35.25	cps
Molybdenum	96-1	50	92	92	78	30.93	cps
Molybdenum	97-1	25	42	75	47	53.91	cps
Molybdenum	98-1	100	42	42	61	55.11	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	97	107	100	101	5.04	cps
Phosphorus	31-2	192	200	175	189	6.74	cps
Potassium	39-2	24613	23762	23544	23973	2.36	cps
Rhodium	103-1	6905621	6903145	6938387	6915718	0.28	cps
Rhodium	103-2	3470294	3475117	3476402	3473938	0.09	cps
Scandium	45-1	4376825	4374287	4365589	4372234	0.13	cps
Scandium	45-2	216663	216294	216623	216527	0.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	63	72	69	68	6.86	cps
Selenium	82-1	26	13	81	40	90.67	cps
Silicon	28-1	249677	249644	247128	248816	0.59	cps
Silver	109-1	83	117	150	117	28.57	cps
Silver	107-1	83	75	67	75	11.11	cps
Sodium	23-2	8136	8211	8261	8203	0.77	cps
Strontium	86-1	642	475	408	508	23.64	cps
Strontium	88-1	133	183	108	142	26.96	cps
Sulfur	34-1	212116	212434	214059	212870	0.49	cps
Terbium	159-1	10832819	10802191	10868987	10834666	0.31	cps
Terbium	159-2	5718716	5711240	5721509	5717155	0.09	cps
Thallium	203-1	158	100	92	117	31.14	cps
Thallium	205-1	342	217	342	300	24.06	cps
Tin	118-1	883	1025	950	953	7.44	cps
Titanium	47-1	50	33	33	39	24.75	cps
Uranium	238-1	167	67	175	136	44.29	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	7874871	7872859	7918658	7888796	0.33	cps
Yttrium	89-2	1280237	1286495	1286479	1284404	0.28	cps
Zinc	66-2	250	210	230	230	8.70	cps
Zirconium	90-1	592	733	658	661	10.72	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:43:14	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	108	108	122	19.68	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 14:46:49 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5232793	5216982	5216446	5222074	0.18	cps
Antimony	121-1	8711	8653	8661	8675	0.36	cps
Arsenic	75-2	59	63	63	62	3.46	cps
Barium	135-1	2425	2642	2450	2506	4.73	cps
Barium	137-1	4226	4317	4376	4306	1.76	cps
Beryllium	9-1	339	367	239	315	21.35	cps
Bismuth	209-1	6731217	6841468	6831366	6801350	0.90	cps
Bismuth	209-2	4040935	4015544	4046203	4034227	0.41	cps
Boron	10-1	458	592	525	525	12.70	cps
Boron	11-1	2384	2250	2467	2367	4.62	cps
Cadmium	111-1	1831	1828	1523	1727	10.24	cps
Cadmium	106-1	2009	2034	1650	1897	11.31	cps
Cadmium	108-1	875	917	796	863	7.12	cps
Calcium	43-1	1527240	1536527	1538496	1534088	0.39	cps
Calcium	44-1	24986175	25072205	25123913	25060764	0.28	cps
Chromium	52-2	33976	34641	34113	34243	1.03	cps
Cobalt	59-2	3414	3170	3320	3302	3.72	cps
Copper	63-2	15408	15131	15562	15367	1.42	cps
Dysprosium	156-1	42	33	0	25	88.19	cps
Dysprosium	156-2	13	13	27	18	43.33	cps
Erbium	164-1	50	33	125	69	70.32	cps
Erbium	164-2	13	27	43	28	54.11	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	163	133	150	149	10.09	cps
Holmium	165-1	10397377	10589230	10675461	10554023	1.35	cps
Holmium	165-2	5683652	5702917	5681973	5689514	0.20	cps
Indium	115-1	7107700	7257173	7226950	7197274	1.10	cps
Indium	115-2	1595231	1615803	1619772	1610269	0.82	cps
Iron	56-2	143094898	143119609	142992275	143068927	0.05	cps
Iron	57-2	3552460	3563658	3556776	3557631	0.16	cps
Lead	206-1	26004	26310	25592	25969	1.39	cps
Lead	207-1	20566	21217	20767	20850	1.60	cps
Lead	208-1	98249	100159	98438	98949	1.06	cps
Lithium	6-1	1431095	1431933	1424701	1429243	0.28	cps
Magnesium	24-2	12517857	12563137	12506149	12529048	0.24	cps
Manganese	55-2	8042	8152	8192	8129	0.96	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:46:49	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3278291	3277866	3298497	3284885	0.36	cps
Molybdenum	95-1	5842741	5867403	5870891	5860345	0.26	cps
Molybdenum	96-1	6159067	6160368	6203502	6174312	0.41	cps
Molybdenum	97-1	3587366	3605639	3599045	3597350	0.26	cps
Molybdenum	98-1	9239837	9330402	9338213	9302817	0.59	cps
Neodymium	150-1	20	80	7	36	109.86	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	4127	3994	3864	3995	3.30	cps
Phosphorus	31-2	279473	274175	276858	276835	0.96	cps
Potassium	39-2	13179529	13207036	13138231	13174932	0.26	cps
Rhodium	103-1	6162818	6240111	6211413	6204781	0.63	cps
Rhodium	103-2	3106179	3117581	3127447	3117069	0.34	cps
Scandium	45-1	3871473	3892646	3918963	3894361	0.61	cps
Scandium	45-2	198825	198599	201051	199492	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	52	89	66	30.24	cps
Selenium	82-1	99	73	-59	38	225.35	cps
Silicon	28-1	284352	289044	286225	286540	0.82	cps
Silver	109-1	558	683	717	653	12.79	cps
Silver	107-1	567	675	617	619	8.75	cps
Sodium	23-2	23820980	23871426	23778608	23823671	0.20	cps
Strontium	86-1	64102	64169	64546	64272	0.37	cps
Strontium	88-1	564278	569420	566278	566659	0.46	cps
Sulfur	34-1	2234438	2237600	2240737	2237592	0.14	cps
Terbium	159-1	10533588	10652464	10684251	10623434	0.75	cps
Terbium	159-2	5508566	5504663	5549429	5520886	0.45	cps
Thallium	203-1	592	633	658	628	5.36	cps
Thallium	205-1	1392	1467	1283	1381	6.68	cps
Tin	118-1	1650	1775	1617	1681	4.97	cps
Titanium	47-1	1443793	1443990	1447847	1445210	0.16	cps
Uranium	238-1	533	675	500	569	16.32	cps
Vanadium	51-2	250	223	283	252	11.92	cps
Yttrium	89-1	7319800	7388707	7416158	7374888	0.67	cps
Yttrium	89-2	1184065	1199676	1200027	1194589	0.76	cps
Zinc	66-2	3214	3294	3614	3374	6.28	cps
Zirconium	90-1	975	1017	942	978	3.84	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:46:49	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	175	175	164	11.74	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:50:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5272770	5318584	5274832	5288728	0.49	cps
Antimony	121-1	138368	137400	137594	137787	0.37	cps
Arsenic	75-2	4247	4151	4165	4188	1.24	cps
Barium	135-1	36599	37168	35379	36382	2.51	cps
Barium	137-1	63554	63027	63337	63306	0.42	cps
Beryllium	9-1	19402	19162	19741	19435	1.50	cps
Bismuth	209-1	6962246	6928321	6924099	6938222	0.30	cps
Bismuth	209-2	4046686	4050789	4073037	4056837	0.35	cps
Boron	10-1	6135	6001	6268	6135	2.17	cps
Boron	11-1	28252	28160	28720	28378	1.06	cps
Cadmium	111-1	30903	30542	30956	30800	0.73	cps
Cadmium	106-1	5868	5793	5710	5790	1.37	cps
Cadmium	108-1	3330	3442	3221	3331	3.32	cps
Calcium	43-1	1577342	1585421	1579702	1580822	0.26	cps
Calcium	44-1	25829178	25838615	25678893	25782229	0.35	cps
Chromium	52-2	71663	71204	69443	70770	1.66	cps
Cobalt	59-2	59182	59139	59239	59187	0.08	cps
Copper	63-2	55190	55201	55177	55189	0.02	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	13	27	30	23	37.81	cps
Erbium	164-1	108	50	58	72	43.68	cps
Erbium	164-2	47	17	27	30	50.91	cps
Gadolinium	160-1	42	25	75	47	53.91	cps
Gadolinium	160-2	90	120	140	117	21.57	cps
Holmium	165-1	10749774	10720914	10824845	10765177	0.50	cps
Holmium	165-2	5724826	5727955	5754644	5735808	0.29	cps
Indium	115-1	7333162	7417303	7385232	7378566	0.58	cps
Indium	115-2	1623408	1632492	1635531	1630477	0.39	cps
Iron	56-2	146136603	146321270	145653337	146037070	0.24	cps
Iron	57-2	3618634	3639273	3629501	3629136	0.28	cps
Lead	206-1	142661	145036	141753	143150	1.18	cps
Lead	207-1	119364	122604	121303	121090	1.35	cps
Lead	208-1	559990	562143	557543	559892	0.41	cps
Lithium	6-1	1431539	1430707	1431682	1431310	0.04	cps
Magnesium	24-2	12638052	12676458	12668667	12661059	0.16	cps
Manganese	55-2	28945	29844	29369	29386	1.53	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:50:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3703793	3710082	3678366	3697414	0.45	cps
Molybdenum	95-1	6144789	6132995	6126464	6134750	0.15	cps
Molybdenum	96-1	6593813	6584957	6547460	6575410	0.37	cps
Molybdenum	97-1	3806687	3824218	3787648	3806184	0.48	cps
Molybdenum	98-1	9857865	9873355	9810453	9847224	0.33	cps
Neodymium	150-1	40	40	53	44	17.33	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	18972	18842	18846	18887	0.39	cps
Phosphorus	31-2	284455	287951	284024	285477	0.75	cps
Potassium	39-2	13391538	13431302	13331725	13384855	0.37	cps
Rhodium	103-1	6298294	6310222	6346134	6318217	0.39	cps
Rhodium	103-2	3143580	3164463	3180256	3162766	0.58	cps
Scandium	45-1	3986525	4004224	4010652	4000467	0.31	cps
Scandium	45-2	202930	203203	203027	203053	0.07	cps
Selenium	77-2	87	87	90	88	2.19	cps
Selenium	78-2	326	294	363	328	10.46	cps
Selenium	82-1	1788	1772	1669	1743	3.70	cps
Silicon	28-1	461885	468929	467299	466038	0.79	cps
Silver	109-1	132012	133130	130329	131824	1.07	cps
Silver	107-1	136787	140119	138790	138566	1.21	cps
Sodium	23-2	23915998	23997142	24153368	24022169	0.50	cps
Strontium	86-1	170390	169911	168848	169716	0.46	cps
Strontium	88-1	1509897	1516148	1507136	1511061	0.31	cps
Sulfur	34-1	2319590	2319638	2321058	2320095	0.04	cps
Terbium	159-1	10787782	10917903	10861218	10855634	0.60	cps
Terbium	159-2	5573188	5587036	5609601	5589941	0.33	cps
Thallium	203-1	142858	140938	144106	142634	1.12	cps
Thallium	205-1	345949	347560	343726	345745	0.56	cps
Tin	118-1	278946	275755	274006	276236	0.91	cps
Titanium	47-1	1535175	1533281	1518781	1529079	0.59	cps
Uranium	238-1	1447762	1440048	1429480	1439097	0.64	cps
Vanadium	51-2	29891	30064	29293	29749	1.36	cps
Yttrium	89-1	7582123	7609044	7608041	7599736	0.20	cps
Yttrium	89-2	1215391	1212024	1214753	1214056	0.15	cps
Zinc	66-2	9203	9296	9056	9185	1.32	cps
Zirconium	90-1	556741	558571	553198	556170	0.49	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:50:23	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	124974	123083	122034	123364	1.21	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:53:58	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3037193	3060932	3057573	3051899	0.42	cps
Antimony	121-1	3424643	3403374	3385792	3404603	0.57	cps
Arsenic	75-2	106838	106792	106547	106726	0.15	cps
Barium	135-1	4454700	4424734	4445707	4441713	0.35	cps
Barium	137-1	7695836	7637705	7652037	7661859	0.40	cps
Beryllium	9-1	507502	511040	506554	508365	0.47	cps
Bismuth	209-1	6750257	6744533	6727179	6740656	0.18	cps
Bismuth	209-2	3896116	3907080	3877727	3893641	0.38	cps
Boron	10-1	48178	51789	52977	50982	4.90	cps
Boron	11-1	224905	234268	234609	231261	2.38	cps
Cadmium	111-1	735158	730196	725131	730162	0.69	cps
Cadmium	106-1	77981	78710	77135	77942	1.01	cps
Cadmium	108-1	54136	51841	52769	52915	2.18	cps
Calcium	43-1	4396455	4399394	4370480	4388776	0.36	cps
Calcium	44-1	70612595	70551897	70215799	70460097	0.30	cps
Chromium	52-2	954733	954582	950141	953152	0.27	cps
Cobalt	59-2	1439785	1440900	1436322	1439003	0.17	cps
Copper	63-2	1978958	1974905	1964712	1972858	0.37	cps
Dysprosium	156-1	100	117	117	111	8.66	cps
Dysprosium	156-2	50	73	63	62	18.81	cps
Erbium	164-1	75	17	58	50	60.09	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	133	117	107	119	11.33	cps
Holmium	165-1	10679417	10682530	10677976	10679974	0.02	cps
Holmium	165-2	5616703	5636139	5590618	5614487	0.41	cps
Indium	115-1	7186244	7186667	7193811	7188907	0.06	cps
Indium	115-2	1557361	1579746	1564447	1567185	0.73	cps
Iron	56-2	188046338	188002210	187485793	187844780	0.17	cps
Iron	57-2	4689583	4706705	4700170	4698820	0.18	cps
Lead	206-1	2962965	2947443	2938868	2949759	0.41	cps
Lead	207-1	2731752	2703946	2716907	2717535	0.51	cps
Lead	208-1	12347961	12311916	12297946	12319275	0.21	cps
Lithium	6-1	1472272	1477812	1484672	1478252	0.42	cps
Magnesium	24-2	34324478	34296479	34358916	34326624	0.09	cps
Manganese	55-2	1086818	1090548	1087054	1088140	0.19	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:53:58	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6451209	6466555	6397849	6438538	0.56	cps
Molybdenum	95-1	7952900	7954239	7912487	7939875	0.30	cps
Molybdenum	96-1	8825449	8789446	8790705	8801867	0.23	cps
Molybdenum	97-1	4984973	4950663	4940227	4958621	0.47	cps
Molybdenum	98-1	12796189	12733026	12651986	12727067	0.57	cps
Neodymium	150-1	333	293	307	311	6.55	cps
Neodymium	150-2	60	53	60	58	6.67	cps
Nickel	60-2	375548	371963	371656	373056	0.58	cps
Phosphorus	31-2	31910	30966	31359	31412	1.51	cps
Potassium	39-2	17725613	17868618	17811899	17802044	0.40	cps
Rhodium	103-1	6211474	6170006	6159175	6180218	0.45	cps
Rhodium	103-2	3006437	3029555	3029537	3021843	0.44	cps
Scandium	45-1	4037340	4028731	4063767	4043279	0.45	cps
Scandium	45-2	202849	204709	204175	203911	0.47	cps
Selenium	77-2	2227	2154	2167	2182	1.79	cps
Selenium	78-2	7341	7341	7608	7430	2.07	cps
Selenium	82-1	42417	42676	42385	42493	0.38	cps
Silicon	28-1	1844046	1838243	1835075	1839121	0.25	cps
Silver	109-1	3507918	3484218	3471507	3487881	0.53	cps
Silver	107-1	3661286	3646486	3644505	3650759	0.25	cps
Sodium	23-2	64197137	64199908	64035216	64144087	0.15	cps
Strontium	86-1	1012800	1022413	1009411	1014875	0.66	cps
Strontium	88-1	9090394	9096304	9013462	9066720	0.51	cps
Sulfur	34-1	411114	412306	409335	410919	0.36	cps
Terbium	159-1	10797000	10680747	10764477	10747408	0.56	cps
Terbium	159-2	5471204	5464584	5457539	5464442	0.13	cps
Thallium	203-1	3644792	3622260	3601921	3622991	0.59	cps
Thallium	205-1	8835349	8777573	8753793	8788905	0.48	cps
Tin	118-1	2531210	2530273	2503351	2521611	0.63	cps
Titanium	47-1	1973445	1970162	1968538	1970715	0.13	cps
Uranium	238-1	13879684	13877007	13717196	13824629	0.67	cps
Vanadium	51-2	788679	793125	783899	788568	0.59	cps
Yttrium	89-1	7540283	7509412	7523022	7524239	0.21	cps
Yttrium	89-2	1188259	1196812	1182916	1189329	0.59	cps
Zinc	66-2	270754	270968	273381	271701	0.54	cps
Zirconium	90-1	5495036	5455046	5453325	5467802	0.43	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:53:58	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1198433	1193648	1185525	1192535	0.55	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:58:56	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042	1450	1200	1231	16.73	cps
Antimony	121-1	13524	12956	13048	13176	2.31	cps
Arsenic	75-2	200	228	239	222	9.01	cps
Barium	135-1	16494	15710	17411	16538	5.15	cps
Barium	137-1	29223	28188	27353	28255	3.32	cps
Beryllium	9-1	1256	1172	1150	1193	4.67	cps
Bismuth	209-1	7136667	7018886	7042017	7065857	0.88	cps
Bismuth	209-2	4238974	4267262	4255787	4254008	0.33	cps
Boron	10-1	3576	3734	3342	3551	5.55	cps
Boron	11-1	16193	16802	16468	16487	1.85	cps
Cadmium	111-1	3025	3070	3132	3076	1.74	cps
Cadmium	106-1	2200	2367	2400	2323	4.62	cps
Cadmium	108-1	117	113	129	119	7.26	cps
Calcium	43-1	8178	7627	7944	7916	3.49	cps
Calcium	44-1	132271	135624	133700	133865	1.26	cps
Chromium	52-2	3867	3797	4111	3925	4.19	cps
Cobalt	59-2	2864	3014	2954	2944	2.57	cps
Copper	63-2	4828	4798	4908	4844	1.17	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	67	25	58	50	44.10	cps
Gadolinium	160-2	90	103	80	91	12.85	cps
Holmium	165-1	10658774	10341417	10523081	10507758	1.52	cps
Holmium	165-2	5637473	5672646	5708867	5672995	0.63	cps
Indium	115-1	7586766	7426049	7442092	7484969	1.18	cps
Indium	115-2	1662282	1690571	1665661	1672838	0.92	cps
Iron	56-2	84157	84972	82648	83926	1.41	cps
Iron	57-2	1911	2039	2406	2119	12.12	cps
Lead	206-1	6152	6863	6329	6448	5.74	cps
Lead	207-1	6052	6002	5685	5913	3.36	cps
Lead	208-1	26633	27123	25955	26570	2.21	cps
Lithium	6-1	1542206	1518689	1520681	1527192	0.85	cps
Magnesium	24-2	65829	66071	66599	66166	0.59	cps
Manganese	55-2	1147	1047	1063	1086	4.94	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:58:56	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13115	12740	12297	12717	3.22	cps
Molybdenum	95-1	14925	14892	15551	15122	2.45	cps
Molybdenum	96-1	16460	17353	16377	16730	3.23	cps
Molybdenum	97-1	9404	9454	9787	9548	2.18	cps
Molybdenum	98-1	24405	24739	24188	24444	1.14	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	953	930	860	914	5.31	cps
Phosphorus	31-2	183	158	150	164	10.58	cps
Potassium	39-2	90534	92043	91431	91336	0.83	cps
Rhodium	103-1	6681166	6540694	6590063	6603974	1.08	cps
Rhodium	103-2	3330701	3361445	3351051	3347732	0.47	cps
Scandium	45-1	4091363	4010317	4010644	4037441	1.16	cps
Scandium	45-2	207081	207433	206353	206956	0.27	cps
Selenium	77-2	27	17	17	20	28.86	cps
Selenium	78-2	130	124	115	123	6.09	cps
Selenium	82-1	459	438	472	456	3.77	cps
Silicon	28-1	276768	274026	274817	275204	0.51	cps
Silver	109-1	7252	7611	7494	7452	2.45	cps
Silver	107-1	8253	8144	7294	7897	6.65	cps
Sodium	23-2	141832	141991	141082	141635	0.34	cps
Strontium	86-1	2175	2609	2642	2475	10.52	cps
Strontium	88-1	18404	17127	17386	17639	3.83	cps
Sulfur	34-1	185417	188316	186772	186835	0.78	cps
Terbium	159-1	10750422	10462287	10605714	10606141	1.36	cps
Terbium	159-2	5509532	5557272	5562553	5543119	0.53	cps
Thallium	203-1	7527	7444	7386	7452	0.96	cps
Thallium	205-1	18831	18029	17270	18043	4.32	cps
Tin	118-1	26710	26150	25724	26195	1.89	cps
Titanium	47-1	4084	4142	3976	4067	2.08	cps
Uranium	238-1	26703	26060	26737	26500	1.44	cps
Vanadium	51-2	7205	7335	7485	7342	1.91	cps
Yttrium	89-1	7610252	7542126	7529050	7560476	0.58	cps
Yttrium	89-2	1221533	1231016	1228704	1227085	0.40	cps
Zinc	66-2	877	953	953	928	4.77	cps
Zirconium	90-1	11572	10896	11822	11430	4.19	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 14:58:56	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2259	2350	2517	2375	5.51	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 15:02:31 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	42	25	66.68	cps
Antimony	121-1	175	208	267	217	21.41	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	17	25	42	28	45.82	cps
Barium	137-1	33	75	67	58	37.80	cps
Beryllium	9-1	178	156	139	157	12.39	cps
Bismuth	209-1	7185759	7225453	7212455	7207889	0.28	cps
Bismuth	209-2	4301022	4320260	4314472	4311918	0.23	cps
Boron	10-1	917	842	958	906	6.53	cps
Boron	11-1	4001	3917	3684	3867	4.25	cps
Cadmium	111-1	1528	1331	1608	1489	9.58	cps
Cadmium	106-1	2159	1884	2292	2111	9.86	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	42	67	100	69	42.14	cps
Calcium	44-1	4776	4709	4776	4754	0.81	cps
Chromium	52-2	220	233	207	220	6.06	cps
Cobalt	59-2	70	23	43	46	51.40	cps
Copper	63-2	477	530	473	493	6.45	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	67	42	25	44	47.19	cps
Gadolinium	160-2	100	83	107	97	12.43	cps
Holmium	165-1	10659744	10707927	10862921	10743530	0.99	cps
Holmium	165-2	5752165	5725869	5757899	5745311	0.30	cps
Indium	115-1	7618803	7665414	7751216	7678478	0.87	cps
Indium	115-2	1712846	1706492	1694699	1704679	0.54	cps
Iron	56-2	4845	4623	4945	4805	3.43	cps
Iron	57-2	272	311	333	306	10.12	cps
Lead	206-1	506	533	528	522	2.81	cps
Lead	207-1	428	339	339	369	13.93	cps
Lead	208-1	2045	1972	2195	2071	5.48	cps
Lithium	6-1	1557102	1562016	1562858	1560659	0.20	cps
Magnesium	24-2	600	558	567	575	3.83	cps
Manganese	55-2	50	30	60	47	32.73	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:02:31	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	225	333	242	35.00	cps
Molybdenum	95-1	25	67	100	64	58.82	cps
Molybdenum	96-1	117	158	100	125	24.04	cps
Molybdenum	97-1	42	50	58	50	16.67	cps
Molybdenum	98-1	75	100	100	92	15.75	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	97	90	92	4.18	cps
Phosphorus	31-2	175	142	175	164	11.74	cps
Potassium	39-2	23469	22651	22451	22857	2.36	cps
Rhodium	103-1	6746408	6805618	6855053	6802360	0.80	cps
Rhodium	103-2	3391580	3402318	3395479	3396459	0.16	cps
Scandium	45-1	4163928	4196240	4192888	4184352	0.42	cps
Scandium	45-2	211056	210982	210791	210943	0.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	69	59	61	63	7.78	cps
Selenium	82-1	-13	7	56	17	210.87	cps
Silicon	28-1	227931	230946	230771	229883	0.74	cps
Silver	109-1	108	183	117	136	30.20	cps
Silver	107-1	183	100	142	142	29.41	cps
Sodium	23-2	13523	13014	13223	13254	1.93	cps
Strontium	86-1	383	467	400	417	10.58	cps
Strontium	88-1	75	92	50	72	29.04	cps
Sulfur	34-1	186267	185042	185392	185567	0.34	cps
Terbium	159-1	10786572	10828617	10917759	10844316	0.62	cps
Terbium	159-2	5606161	5602826	5617434	5608807	0.14	cps
Thallium	203-1	292	250	200	247	18.56	cps
Thallium	205-1	767	892	758	806	9.27	cps
Tin	118-1	908	817	775	833	8.19	cps
Titanium	47-1	75	83	117	92	24.05	cps
Uranium	238-1	133	8	58	67	94.38	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	7704045	7824725	7855215	7794662	1.03	cps
Yttrium	89-2	1250744	1247604	1243897	1247415	0.27	cps
Zinc	66-2	277	227	187	230	19.61	cps
Zirconium	90-1	808	708	567	694	17.49	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:02:31	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	142	122	14.19	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:06:04	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	942	1242	1161	16.56	cps
Antimony	121-1	13048	12765	13098	12970	1.39	cps
Arsenic	75-2	209	243	219	223	7.70	cps
Barium	135-1	16978	16110	15843	16310	3.64	cps
Barium	137-1	28305	28138	28597	28347	0.82	cps
Beryllium	9-1	1128	1050	1200	1126	6.66	cps
Bismuth	209-1	7162903	7174398	7141651	7159651	0.23	cps
Bismuth	209-2	4279858	4299106	4279623	4286195	0.26	cps
Boron	10-1	2817	3209	3075	3034	6.57	cps
Boron	11-1	13273	14341	14257	13957	4.25	cps
Cadmium	111-1	2748	2994	2760	2834	4.90	cps
Cadmium	106-1	2034	2309	2150	2164	6.38	cps
Cadmium	108-1	150	121	113	128	15.41	cps
Calcium	43-1	8369	8119	7661	8050	4.47	cps
Calcium	44-1	132145	134027	129025	131732	1.92	cps
Chromium	52-2	3914	3911	3891	3905	0.32	cps
Cobalt	59-2	2907	3090	3077	3025	3.38	cps
Copper	63-2	5381	5341	5148	5290	2.36	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	83	58	25	56	52.68	cps
Erbium	164-2	20	30	23	24	20.83	cps
Gadolinium	160-1	75	42	33	50	44.10	cps
Gadolinium	160-2	110	103	90	101	10.07	cps
Holmium	165-1	10631400	10722881	10671370	10675217	0.43	cps
Holmium	165-2	5679185	5726574	5709981	5705247	0.42	cps
Indium	115-1	7734253	7719640	7743024	7732306	0.15	cps
Indium	115-2	1695376	1688884	1702134	1695465	0.39	cps
Iron	56-2	80107	79319	79872	79766	0.51	cps
Iron	57-2	2111	2028	2345	2161	7.60	cps
Lead	206-1	5940	5690	6085	5905	3.38	cps
Lead	207-1	5824	5490	5407	5574	3.96	cps
Lead	208-1	25227	24165	24409	24600	2.26	cps
Lithium	6-1	1567712	1570424	1561123	1566419	0.31	cps
Magnesium	24-2	65344	65033	63870	64749	1.20	cps
Manganese	55-2	1217	1137	1177	1177	3.40	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:06:04	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13023	12806	12181	12670	3.45	cps
Molybdenum	95-1	15142	14842	14458	14814	2.31	cps
Molybdenum	96-1	15826	16502	16485	16271	2.37	cps
Molybdenum	97-1	9412	9328	9979	9573	3.70	cps
Molybdenum	98-1	24430	24489	24297	24405	0.40	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	910	940	933	928	1.70	cps
Phosphorus	31-2	167	175	117	153	20.65	cps
Potassium	39-2	89644	90667	90224	90178	0.57	cps
Rhodium	103-1	6862529	6817300	6820808	6833546	0.37	cps
Rhodium	103-2	3370750	3376787	3393572	3380370	0.35	cps
Scandium	45-1	4215913	4252192	4234404	4234170	0.43	cps
Scandium	45-2	208464	208800	211050	209438	0.67	cps
Selenium	77-2	50	7	13	23	100.00	cps
Selenium	78-2	133	128	120	127	5.12	cps
Selenium	82-1	479	512	487	493	3.48	cps
Silicon	28-1	281149	281308	279915	280791	0.27	cps
Silver	109-1	7169	7344	7052	7188	2.04	cps
Silver	107-1	7786	8011	7461	7752	3.57	cps
Sodium	23-2	134878	133144	135584	134535	0.93	cps
Strontium	86-1	2534	2825	2567	2642	6.04	cps
Strontium	88-1	17987	17645	17094	17575	2.56	cps
Sulfur	34-1	191745	192747	191423	191972	0.36	cps
Terbium	159-1	10889096	10862249	10787724	10846357	0.48	cps
Terbium	159-2	5568286	5594694	5609040	5590673	0.37	cps
Thallium	203-1	6952	7236	7152	7113	2.05	cps
Thallium	205-1	17087	16344	16670	16700	2.23	cps
Tin	118-1	26576	26000	25666	26081	1.77	cps
Titanium	47-1	3942	4234	4076	4084	3.58	cps
Uranium	238-1	25301	24499	25526	25108	2.15	cps
Vanadium	51-2	7299	7429	7395	7374	0.92	cps
Yttrium	89-1	7810556	7809589	7789849	7803331	0.15	cps
Yttrium	89-2	1235934	1245940	1248741	1243538	0.54	cps
Zinc	66-2	830	877	897	868	3.94	cps
Zirconium	90-1	11430	10946	11647	11341	3.16	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:06:04	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2584	2825	2634	2681	4.76	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : PB110129BL Instrumnet Name : P7
 Client Sample ID : PB110129BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 15:09:37 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	42	25	66.68	cps
Antimony	121-1	100	92	92	94	5.10	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	0	33	17	17	100.00	cps
Barium	137-1	17	0	42	19	107.85	cps
Beryllium	9-1	178	111	117	135	27.36	cps
Bismuth	209-1	7135498	7109205	7102391	7115698	0.25	cps
Bismuth	209-2	4261097	4250908	4223743	4245249	0.45	cps
Boron	10-1	592	667	633	631	5.96	cps
Boron	11-1	3217	2625	2492	2778	13.89	cps
Cadmium	111-1	1409	1536	1418	1454	4.86	cps
Cadmium	106-1	2017	2192	2000	2070	5.13	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	50	50	67	56	17.32	cps
Calcium	44-1	4951	5043	4951	4982	1.06	cps
Chromium	52-2	243	187	227	219	13.31	cps
Cobalt	59-2	47	70	57	58	20.26	cps
Copper	63-2	457	460	457	458	0.42	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	20	17	23	20	16.65	cps
Gadolinium	160-1	50	50	58	53	9.12	cps
Gadolinium	160-2	80	90	97	89	9.44	cps
Holmium	165-1	10749744	10641974	10614766	10668828	0.67	cps
Holmium	165-2	5667285	5649881	5637621	5651596	0.26	cps
Indium	115-1	7691143	7664929	7691942	7682671	0.20	cps
Indium	115-2	1686548	1693821	1684331	1688233	0.29	cps
Iron	56-2	4051	4117	4056	4075	0.91	cps
Iron	57-2	322	289	272	294	8.65	cps
Lead	206-1	433	372	311	372	16.42	cps
Lead	207-1	350	306	372	343	9.91	cps
Lead	208-1	1656	1583	1483	1574	5.49	cps
Lithium	6-1	1581067	1573595	1564646	1573103	0.52	cps
Magnesium	24-2	517	583	533	544	6.37	cps
Manganese	55-2	40	27	43	37	24.04	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BL	Instrumnet Name :	P7
Client Sample ID :	PB110129BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:09:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	242	183	200	18.16	cps
Molybdenum	95-1	25	8	25	19	49.50	cps
Molybdenum	96-1	42	100	42	61	55.11	cps
Molybdenum	97-1	25	50	33	36	35.25	cps
Molybdenum	98-1	50	25	50	42	34.64	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	93	103	92	12.70	cps
Phosphorus	31-2	150	192	142	161	16.63	cps
Potassium	39-2	23227	22626	22935	22930	1.31	cps
Rhodium	103-1	6839417	6808754	6777214	6808462	0.46	cps
Rhodium	103-2	3351073	3364694	3331665	3349144	0.50	cps
Scandium	45-1	4252070	4213188	4233874	4233044	0.46	cps
Scandium	45-2	207843	209597	207255	208232	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	56	54	67	32.60	cps
Selenium	82-1	-47	-34	-7	-29	-69.69	cps
Silicon	28-1	237087	235003	238474	236854	0.74	cps
Silver	109-1	75	75	33	61	39.37	cps
Silver	107-1	75	67	108	83	26.46	cps
Sodium	23-2	10779	10629	10829	10746	0.97	cps
Strontium	86-1	517	475	417	469	10.70	cps
Strontium	88-1	75	50	58	61	20.83	cps
Sulfur	34-1	197475	196582	197672	197243	0.29	cps
Terbium	159-1	10844751	10816237	10748122	10803037	0.46	cps
Terbium	159-2	5534750	5544972	5515762	5531828	0.27	cps
Thallium	203-1	150	233	242	208	24.33	cps
Thallium	205-1	483	592	517	531	10.46	cps
Tin	118-1	517	792	542	617	24.66	cps
Titanium	47-1	83	67	67	72	13.33	cps
Uranium	238-1	0	17	25	14	91.65	cps
Vanadium	51-2	13	0	13	9	86.60	cps
Yttrium	89-1	7866590	7806476	7776579	7816548	0.59	cps
Yttrium	89-2	1232977	1241399	1234140	1236172	0.37	cps
Zinc	66-2	230	253	190	224	14.27	cps
Zirconium	90-1	458	558	567	528	11.42	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BL	Instrumnet Name :	P7
Client Sample ID :	PB110129BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:09:37	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	100	158	142	25.64	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BS	Instrumnet Name :	P7
Client Sample ID :	PB110129BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:13:10	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	577413	577961	578869	578081	0.13	cps
Antimony	121-1	3379631	3385831	3371550	3379004	0.21	cps
Arsenic	75-2	105900	105992	107484	106459	0.84	cps
Barium	135-1	4314890	4310001	4276625	4300505	0.48	cps
Barium	137-1	7492061	7456690	7441275	7463342	0.35	cps
Beryllium	9-1	503473	502109	498401	501328	0.52	cps
Bismuth	209-1	6922017	6994501	7004163	6973560	0.64	cps
Bismuth	209-2	4016149	4098168	4087178	4067165	1.09	cps
Boron	10-1	50527	53345	51999	51957	2.71	cps
Boron	11-1	233066	235388	243987	237481	2.42	cps
Cadmium	111-1	746953	741461	743360	743924	0.37	cps
Cadmium	106-1	79489	77713	77336	78180	1.47	cps
Cadmium	108-1	53404	52807	53547	53253	0.74	cps
Calcium	43-1	846175	838154	830108	838145	0.96	cps
Calcium	44-1	13803612	13637341	13565182	13668712	0.89	cps
Chromium	52-2	899363	904153	903430	902316	0.29	cps
Cobalt	59-2	1429882	1444217	1442033	1438710	0.54	cps
Copper	63-2	2014912	2018638	2012191	2015247	0.16	cps
Dysprosium	156-1	67	92	83	81	15.80	cps
Dysprosium	156-2	77	63	103	81	25.12	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	37	30	37	34	11.18	cps
Gadolinium	160-1	108	67	100	92	24.05	cps
Gadolinium	160-2	187	123	127	146	24.49	cps
Holmium	165-1	10536114	10571800	10613948	10573954	0.37	cps
Holmium	165-2	5543024	5634976	5625457	5601152	0.90	cps
Indium	115-1	7286965	7326456	7328189	7313870	0.32	cps
Indium	115-2	1587716	1610759	1611224	1603233	0.84	cps
Iron	56-2	37855695	37851349	38004362	37903802	0.23	cps
Iron	57-2	922966	932097	923148	926071	0.56	cps
Lead	206-1	2931782	2914784	2913447	2920004	0.35	cps
Lead	207-1	2692417	2696588	2693252	2694086	0.08	cps
Lead	208-1	12202131	12202455	12229190	12211259	0.13	cps
Lithium	6-1	1516666	1512752	1508714	1512711	0.26	cps
Magnesium	24-2	6680310	6681825	6650180	6670772	0.27	cps
Manganese	55-2	1058429	1059556	1067498	1061827	0.47	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BS	Instrumnet Name :	P7
Client Sample ID :	PB110129BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:13:10	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6389973	6349447	6336762	6358727	0.44	cps
Molybdenum	95-1	7878908	7789229	7789329	7819155	0.66	cps
Molybdenum	96-1	8728043	8606491	8597112	8643882	0.84	cps
Molybdenum	97-1	4870482	4833890	4811668	4838680	0.61	cps
Molybdenum	98-1	12563216	12477572	12390625	12477138	0.69	cps
Neodymium	150-1	380	287	193	287	32.56	cps
Neodymium	150-2	53	50	67	57	15.57	cps
Nickel	60-2	373015	372765	373864	373215	0.15	cps
Phosphorus	31-2	29931	30716	30156	30268	1.33	cps
Potassium	39-2	3517928	3530817	3538583	3529110	0.30	cps
Rhodium	103-1	6370351	6397322	6372667	6380113	0.23	cps
Rhodium	103-2	3143478	3158150	3155363	3152330	0.25	cps
Scandium	45-1	4062551	4040422	4021859	4041611	0.50	cps
Scandium	45-2	199368	201457	201038	200621	0.55	cps
Selenium	77-2	2244	2354	2060	2219	6.68	cps
Selenium	78-2	7398	7552	7622	7524	1.52	cps
Selenium	82-1	43898	43064	43227	43396	1.02	cps
Silicon	28-1	2070699	2068896	2064188	2067928	0.16	cps
Silver	109-1	3597995	3586136	3603259	3595797	0.24	cps
Silver	107-1	3769814	3747353	3765089	3760752	0.31	cps
Sodium	23-2	12667342	12629907	12623696	12640315	0.19	cps
Strontium	86-1	996242	990305	978493	988347	0.91	cps
Strontium	88-1	8945704	8853876	8824110	8874563	0.71	cps
Sulfur	34-1	407023	404024	399879	403642	0.89	cps
Terbium	159-1	10643631	10666876	10687549	10666018	0.21	cps
Terbium	159-2	5412114	5470791	5485277	5456061	0.71	cps
Thallium	203-1	3615280	3615383	3597144	3609269	0.29	cps
Thallium	205-1	8739740	8759861	8732759	8744120	0.16	cps
Tin	118-1	2633077	2639889	2631943	2634970	0.16	cps
Titanium	47-1	1954197	1934959	1920015	1936390	0.88	cps
Uranium	238-1	13527058	13538758	13584610	13550142	0.22	cps
Vanadium	51-2	763950	767770	761269	764330	0.43	cps
Yttrium	89-1	7574469	7551656	7528423	7551516	0.30	cps
Yttrium	89-2	1189726	1202262	1198068	1196685	0.53	cps
Zinc	66-2	281639	283933	283436	283003	0.43	cps
Zirconium	90-1	5407971	5366248	5296036	5356752	1.06	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	PB110129BS	Instrumnet Name :	P7
Client Sample ID :	PB110129BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:13:10	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1184309	1175664	1171417	1177130	0.56	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01	Instrumnet Name :	P7
Client Sample ID :	LF5-0068	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:16:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9745	9995	9170	9637	4.39	cps
Antimony	121-1	19673	17645	15976	17765	10.42	cps
Arsenic	75-2	204	170	183	186	9.05	cps
Barium	135-1	13199	13190	13632	13340	1.90	cps
Barium	137-1	22619	23846	22870	23112	2.81	cps
Beryllium	9-1	361	306	372	346	10.31	cps
Bismuth	209-1	6958746	6957148	6977950	6964615	0.17	cps
Bismuth	209-2	3905387	3928193	3902265	3911948	0.36	cps
Boron	10-1	3626	3626	3401	3551	3.66	cps
Boron	11-1	17244	15650	15567	16154	5.85	cps
Cadmium	111-1	1415	1455	1607	1492	6.80	cps
Cadmium	106-1	1792	1800	2075	1889	8.54	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	868402	866604	861679	865562	0.40	cps
Calcium	44-1	14312205	14285608	14166503	14254772	0.54	cps
Chromium	52-2	4414	4691	4467	4524	3.25	cps
Cobalt	59-2	1110	1253	1103	1156	7.33	cps
Copper	63-2	12152	13683	16179	14005	14.51	cps
Dysprosium	156-1	383	500	583	489	20.55	cps
Dysprosium	156-2	227	233	227	229	1.68	cps
Erbium	164-1	433	483	558	492	12.80	cps
Erbium	164-2	243	250	190	228	14.44	cps
Gadolinium	160-1	525	408	475	469	12.47	cps
Gadolinium	160-2	317	370	373	353	9.00	cps
Holmium	165-1	9675943	9763116	9975351	9804803	1.57	cps
Holmium	165-2	5057794	5115226	5108763	5093927	0.62	cps
Indium	115-1	7471371	7513905	7458479	7481252	0.39	cps
Indium	115-2	1551840	1549006	1544316	1548387	0.25	cps
Iron	56-2	505852	498321	498845	501006	0.84	cps
Iron	57-2	16170	15564	15726	15820	1.98	cps
Lead	206-1	5562	5046	4523	5044	10.30	cps
Lead	207-1	4323	4773	4079	4392	8.02	cps
Lead	208-1	21246	20885	19579	20570	4.26	cps
Lithium	6-1	1384902	1404789	1416679	1402123	1.15	cps
Magnesium	24-2	1343995	1330120	1326086	1333400	0.70	cps
Manganese	55-2	20912	20728	20778	20806	0.46	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01	Instrumnet Name :	P7
Client Sample ID :	LF5-0068	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:16:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1684	1925	1575	1728	10.37	cps
Molybdenum	95-1	1200	1292	1167	1220	5.31	cps
Molybdenum	96-1	1400	1433	1525	1453	4.46	cps
Molybdenum	97-1	800	750	750	767	3.77	cps
Molybdenum	98-1	2084	2050	1825	1986	7.08	cps
Neodymium	150-1	593	533	680	602	12.24	cps
Neodymium	150-2	213	280	243	246	13.60	cps
Nickel	60-2	1683	1780	1817	1760	3.91	cps
Phosphorus	31-2	208	167	150	175	17.17	cps
Potassium	39-2	240451	237404	233951	237268	1.37	cps
Rhodium	103-1	5788178	5846787	5886698	5840554	0.85	cps
Rhodium	103-2	2911075	2911020	2927738	2916611	0.33	cps
Scandium	45-1	3451583	3451455	3433338	3445459	0.30	cps
Scandium	45-2	176823	172896	174797	174839	1.12	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	61	65	61	62	3.44	cps
Selenium	82-1	-20	-37	-18	-25	-42.87	cps
Silicon	28-1	16156220	16030475	15949636	16045444	0.65	cps
Silver	109-1	4801	5068	4109	4659	10.62	cps
Silver	107-1	5301	5218	4601	5040	7.59	cps
Sodium	23-2	14868141	14811028	14702046	14793738	0.57	cps
Strontium	86-1	774790	780884	776239	777304	0.41	cps
Strontium	88-1	6965190	7030954	7006160	7000768	0.47	cps
Sulfur	34-1	319050	317601	315545	317399	0.55	cps
Terbium	159-1	9734540	9845482	10004517	9861513	1.38	cps
Terbium	159-2	4967748	5002344	4996197	4988763	0.37	cps
Thallium	203-1	3267	2109	1583	2320	37.14	cps
Thallium	205-1	7811	5201	3417	5477	40.35	cps
Tin	118-1	25691	24071	22819	24194	5.95	cps
Titanium	47-1	1934	2275	2059	2089	8.28	cps
Uranium	238-1	8011	7778	7936	7908	1.51	cps
Vanadium	51-2	1150	1063	1167	1127	4.92	cps
Yttrium	89-1	6755969	6801262	6824448	6793893	0.51	cps
Yttrium	89-2	1067141	1066617	1066998	1066919	0.03	cps
Zinc	66-2	4087	4261	4047	4132	2.75	cps
Zirconium	90-1	2692	2467	2717	2625	5.25	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01	Instrumnet Name :	P7
Client Sample ID :	LF5-0068	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:16:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	617	517	544	11.59	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF5-0068DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:20:18	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9804	9679	8928	9470	5.00	cps
Antimony	121-1	12273	11797	12114	12061	2.01	cps
Arsenic	75-2	172	191	165	176	7.59	cps
Barium	135-1	13123	12840	13140	13034	1.29	cps
Barium	137-1	23521	23270	22736	23176	1.73	cps
Beryllium	9-1	167	228	161	185	19.98	cps
Bismuth	209-1	6704442	6953009	7014114	6890522	2.38	cps
Bismuth	209-2	3904229	3910042	3901043	3905105	0.12	cps
Boron	10-1	2284	2192	2275	2250	2.25	cps
Boron	11-1	10446	10804	10471	10574	1.89	cps
Cadmium	111-1	1344	1226	1218	1262	5.62	cps
Cadmium	106-1	1809	1642	1617	1689	6.17	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Calcium	43-1	861751	863300	861827	862293	0.10	cps
Calcium	44-1	14204151	14194764	14241101	14213339	0.17	cps
Chromium	52-2	4301	4447	4321	4356	1.83	cps
Cobalt	59-2	847	1047	1147	1013	15.07	cps
Copper	63-2	35867	37535	39831	37744	5.27	cps
Dysprosium	156-1	442	442	383	422	7.98	cps
Dysprosium	156-2	250	223	237	237	5.63	cps
Erbium	164-1	583	467	500	517	11.63	cps
Erbium	164-2	260	247	230	246	6.12	cps
Gadolinium	160-1	475	550	542	522	7.87	cps
Gadolinium	160-2	347	277	313	312	11.22	cps
Holmium	165-1	9638878	10117750	10141901	9966176	2.85	cps
Holmium	165-2	5191136	5210648	5218288	5206691	0.27	cps
Indium	115-1	6968551	7317818	7351072	7212480	2.94	cps
Indium	115-2	1530043	1528382	1531255	1529893	0.09	cps
Iron	56-2	505097	500664	506292	504018	0.59	cps
Iron	57-2	15953	16148	15937	16013	0.73	cps
Lead	206-1	4284	4156	4156	4199	1.76	cps
Lead	207-1	3706	3528	3373	3536	4.72	cps
Lead	208-1	16688	16755	16588	16677	0.50	cps
Lithium	6-1	1550540	1646213	1680049	1625601	4.13	cps
Magnesium	24-2	1334002	1338230	1326621	1332951	0.44	cps
Manganese	55-2	20284	20651	21032	20656	1.81	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF5-0068DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:20:18	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	1000	808	917	10.72	cps
Molybdenum	95-1	383	308	342	344	10.91	cps
Molybdenum	96-1	492	467	450	469	4.47	cps
Molybdenum	97-1	358	292	292	314	12.26	cps
Molybdenum	98-1	458	483	600	514	14.71	cps
Neodymium	150-1	593	587	553	578	3.71	cps
Neodymium	150-2	200	293	267	253	18.98	cps
Nickel	60-2	1827	1487	1823	1712	11.41	cps
Phosphorus	31-2	233	208	150	197	21.68	cps
Potassium	39-2	233265	233493	234102	233620	0.19	cps
Rhodium	103-1	5632682	5902849	6007962	5847831	3.31	cps
Rhodium	103-2	2954255	2967114	2968599	2963323	0.27	cps
Scandium	45-1	3235859	3362611	3402360	3333610	2.61	cps
Scandium	45-2	173037	173043	175087	173722	0.68	cps
Selenium	77-2	7	17	20	14	48.02	cps
Selenium	78-2	48	41	46	45	8.56	cps
Selenium	82-1	-67	-14	-31	-37	-73.40	cps
Silicon	28-1	15812818	15608609	15631869	15684432	0.71	cps
Silver	109-1	2500	2492	2434	2475	1.47	cps
Silver	107-1	2742	2509	2725	2659	4.90	cps
Sodium	23-2	14807861	14785372	14741657	14778297	0.23	cps
Strontium	86-1	796562	792397	790883	793281	0.37	cps
Strontium	88-1	7165343	7208854	7154630	7176276	0.40	cps
Sulfur	34-1	307166	298529	301093	302263	1.47	cps
Terbium	159-1	9692387	10128733	10284981	10035367	3.06	cps
Terbium	159-2	5043563	5055984	5094540	5064696	0.52	cps
Thallium	203-1	492	442	458	464	5.49	cps
Thallium	205-1	1217	1000	850	1022	18.03	cps
Tin	118-1	17194	18680	18805	18226	4.92	cps
Titanium	47-1	1692	1942	1775	1803	7.06	cps
Uranium	238-1	7086	6894	7061	7013	1.49	cps
Vanadium	51-2	1230	1260	1217	1236	1.80	cps
Yttrium	89-1	6525137	6855658	6894294	6758363	3.00	cps
Yttrium	89-2	1065522	1071390	1078341	1071751	0.60	cps
Zinc	66-2	3967	4001	4217	4062	3.34	cps
Zirconium	90-1	1984	2167	2384	2178	9.20	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF5-0068DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:20:18	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	542	433	486	11.15	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF5-0068L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-11 15:23:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	3771	2100	2688	34.95	cps
Antimony	121-1	2450	2092	2100	2214	9.24	cps
Arsenic	75-2	50	31	61	48	31.49	cps
Barium	135-1	3017	2900	2742	2887	4.78	cps
Barium	137-1	4901	4576	4793	4757	3.48	cps
Beryllium	9-1	178	144	128	150	16.97	cps
Bismuth	209-1	7380002	7321415	7355520	7352312	0.40	cps
Bismuth	209-2	4154567	4198272	4176632	4176490	0.52	cps
Boron	10-1	992	900	942	945	4.86	cps
Boron	11-1	4426	4734	4317	4492	4.81	cps
Cadmium	111-1	1455	1561	1373	1463	6.43	cps
Cadmium	106-1	2025	2192	1942	2053	6.20	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	191649	193953	191280	192294	0.75	cps
Calcium	44-1	3182158	3163830	3135233	3160407	0.75	cps
Chromium	52-2	1073	1157	1050	1093	5.13	cps
Cobalt	59-2	233	253	280	256	9.16	cps
Copper	63-2	9340	9116	9056	9171	1.63	cps
Dysprosium	156-1	75	142	67	94	43.53	cps
Dysprosium	156-2	53	50	80	61	26.91	cps
Erbium	164-1	117	125	125	122	3.94	cps
Erbium	164-2	63	57	80	67	18.03	cps
Gadolinium	160-1	192	167	158	172	10.07	cps
Gadolinium	160-2	117	140	127	128	9.16	cps
Holmium	165-1	10922195	10926678	10872825	10907233	0.27	cps
Holmium	165-2	5584440	5610211	5561073	5585241	0.44	cps
Indium	115-1	7738714	7712051	7677440	7709402	0.40	cps
Indium	115-2	1614517	1619964	1612742	1615741	0.23	cps
Iron	56-2	114500	113238	113541	113760	0.58	cps
Iron	57-2	3695	3606	3484	3595	2.95	cps
Lead	206-1	1056	1278	1072	1135	10.90	cps
Lead	207-1	972	817	883	891	8.76	cps
Lead	208-1	4545	4384	4423	4450	1.89	cps
Lithium	6-1	1541781	1537248	1542502	1540510	0.18	cps
Magnesium	24-2	295678	296668	292041	294796	0.83	cps
Manganese	55-2	4387	4561	4657	4535	3.02	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF5-0068L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-11 15:23:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	450	400	422	6.03	cps
Molybdenum	95-1	83	83	33	67	43.31	cps
Molybdenum	96-1	133	133	67	111	34.64	cps
Molybdenum	97-1	117	150	67	111	37.75	cps
Molybdenum	98-1	92	200	167	153	36.32	cps
Neodymium	150-1	227	113	107	149	45.30	cps
Neodymium	150-2	53	77	53	61	22.05	cps
Nickel	60-2	387	437	490	438	11.80	cps
Phosphorus	31-2	100	133	133	122	15.75	cps
Potassium	39-2	67932	68199	67621	67917	0.43	cps
Rhodium	103-1	6633159	6655450	6616853	6635154	0.29	cps
Rhodium	103-2	3249098	3260793	3242375	3250756	0.29	cps
Scandium	45-1	3815787	3798434	3808081	3807434	0.23	cps
Scandium	45-2	191571	192597	191851	192006	0.28	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	59	33	46	46	28.00	cps
Selenium	82-1	27	-33	13	2	1285.68	cps
Silicon	28-1	4387825	4362697	4331306	4360609	0.65	cps
Silver	109-1	775	883	883	847	7.38	cps
Silver	107-1	1075	967	975	1006	6.00	cps
Sodium	23-2	3287873	3291808	3277519	3285733	0.22	cps
Strontium	86-1	175435	172675	170340	172816	1.48	cps
Strontium	88-1	1550413	1531390	1523712	1535172	0.90	cps
Sulfur	34-1	202712	201453	201023	201729	0.43	cps
Terbium	159-1	11015866	11027276	10956664	10999935	0.34	cps
Terbium	159-2	5431508	5455755	5447863	5445042	0.23	cps
Thallium	203-1	192	192	175	186	5.17	cps
Thallium	205-1	542	392	317	417	27.50	cps
Tin	118-1	2150	2259	1917	2109	8.28	cps
Titanium	47-1	442	408	458	436	5.84	cps
Uranium	238-1	1659	1684	1408	1584	9.60	cps
Vanadium	51-2	427	440	473	447	5.38	cps
Yttrium	89-1	7602689	7536873	7535745	7558436	0.51	cps
Yttrium	89-2	1161046	1169364	1162576	1164329	0.38	cps
Zinc	66-2	1070	1133	1150	1118	3.78	cps
Zirconium	90-1	783	1050	842	892	15.72	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF5-0068L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-11 15:23:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	125	150	156	21.65	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MS	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:27:26	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449561	450061	452711	450778	0.38	cps
Antimony	121-1	2957713	2969235	2966221	2964390	0.20	cps
Arsenic	75-2	88776	87800	88530	88368	0.57	cps
Barium	135-1	3824289	3852970	3854280	3843846	0.44	cps
Barium	137-1	6673532	6740817	6783482	6732611	0.82	cps
Beryllium	9-1	366806	361397	355058	361087	1.63	cps
Bismuth	209-1	6757604	6787849	6798608	6781354	0.31	cps
Bismuth	209-2	3709073	3707375	3735998	3717482	0.43	cps
Boron	10-1	39260	39736	39736	39578	0.69	cps
Boron	11-1	181477	183179	191852	185502	3.00	cps
Cadmium	111-1	634789	640562	643903	639751	0.72	cps
Cadmium	106-1	66129	66406	66933	66490	0.61	cps
Cadmium	108-1	45005	44967	45811	45261	1.05	cps
Calcium	43-1	1542586	1539026	1532992	1538201	0.32	cps
Calcium	44-1	25108541	25195044	24991404	25098330	0.41	cps
Chromium	52-2	752822	753681	750871	752458	0.19	cps
Cobalt	59-2	1217164	1212442	1209977	1213194	0.30	cps
Copper	63-2	1767922	1752875	1753632	1758143	0.48	cps
Dysprosium	156-1	425	517	417	453	12.25	cps
Dysprosium	156-2	280	253	303	279	8.97	cps
Erbium	164-1	450	500	508	486	6.49	cps
Erbium	164-2	220	233	280	244	12.89	cps
Gadolinium	160-1	483	492	425	467	7.78	cps
Gadolinium	160-2	337	310	260	302	12.88	cps
Holmium	165-1	9936077	10134121	10167804	10079334	1.24	cps
Holmium	165-2	5105367	5094350	5123317	5107678	0.29	cps
Indium	115-1	6877923	6936352	6963770	6926015	0.63	cps
Indium	115-2	1433682	1421633	1426551	1427289	0.42	cps
Iron	56-2	32527075	32309467	32180982	32339175	0.54	cps
Iron	57-2	787003	788588	787160	787584	0.11	cps
Lead	206-1	2720872	2741683	2744937	2735831	0.48	cps
Lead	207-1	2421899	2438865	2452297	2437687	0.62	cps
Lead	208-1	11211401	11293279	11324986	11276555	0.52	cps
Lithium	6-1	1626945	1669911	1688149	1661668	1.89	cps
Magnesium	24-2	6688524	6676936	6655303	6673588	0.25	cps
Manganese	55-2	898867	901325	896043	898745	0.29	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MS	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:27:26	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5554712	5583538	5616972	5585074	0.56	cps
Molybdenum	95-1	6747939	6756613	6815317	6773290	0.54	cps
Molybdenum	96-1	7477876	7549656	7527466	7518333	0.49	cps
Molybdenum	97-1	4198738	4210724	4216290	4208584	0.21	cps
Molybdenum	98-1	10873717	10880829	10918796	10891114	0.22	cps
Neodymium	150-1	827	633	753	738	13.23	cps
Neodymium	150-2	217	180	273	223	21.05	cps
Nickel	60-2	317343	317820	318673	317945	0.21	cps
Phosphorus	31-2	150	158	117	142	15.56	cps
Potassium	39-2	2949958	2942549	2946401	2946303	0.13	cps
Rhodium	103-1	5625764	5696804	5727020	5683196	0.91	cps
Rhodium	103-2	2827278	2821663	2821811	2823584	0.11	cps
Scandium	45-1	3258983	3272695	3267707	3266462	0.21	cps
Scandium	45-2	165942	166454	167363	166586	0.43	cps
Selenium	77-2	1847	1903	1843	1865	1.81	cps
Selenium	78-2	6075	6083	6122	6093	0.41	cps
Selenium	82-1	36457	36411	36380	36416	0.11	cps
Silicon	28-1	15808532	15728488	15638186	15725069	0.54	cps
Silver	109-1	2590895	2598260	2620113	2603089	0.58	cps
Silver	107-1	2709738	2725479	2730062	2721759	0.39	cps
Sodium	23-2	23857547	23908796	23780334	23848892	0.27	cps
Strontium	86-1	1614961	1631050	1637798	1627936	0.72	cps
Strontium	88-1	14580935	14654463	14721807	14652402	0.48	cps
Sulfur	34-1	293648	289079	288439	290389	0.98	cps
Terbium	159-1	9952294	10096676	10187189	10078720	1.18	cps
Terbium	159-2	4960092	4967851	4972795	4966913	0.13	cps
Thallium	203-1	3333445	3358360	3382565	3358123	0.73	cps
Thallium	205-1	8138205	8245106	8267104	8216805	0.84	cps
Tin	118-1	2254094	2280694	2276654	2270481	0.63	cps
Titanium	47-1	1520412	1508238	1515542	1514731	0.40	cps
Uranium	238-1	13168865	13243759	13369012	13260545	0.76	cps
Vanadium	51-2	637621	633794	631391	634269	0.50	cps
Yttrium	89-1	6658467	6726875	6764341	6716561	0.80	cps
Yttrium	89-2	1034768	1035115	1040520	1036801	0.31	cps
Zinc	66-2	233375	232608	233347	233110	0.19	cps
Zirconium	90-1	4614764	4626560	4655014	4632113	0.45	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MS	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:27:26	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1010427	1020502	1014701	1015210	0.50	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:31:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	459216	461854	456242	459104	0.61	cps
Antimony	121-1	3071017	3073470	3072137	3072208	0.04	cps
Arsenic	75-2	91539	90932	90801	91091	0.43	cps
Barium	135-1	3978923	4020567	4002611	4000701	0.52	cps
Barium	137-1	6982051	6985945	7008830	6992276	0.21	cps
Beryllium	9-1	361300	364099	358192	361197	0.82	cps
Bismuth	209-1	6725842	6821745	6830159	6792582	0.85	cps
Bismuth	209-2	3730009	3741544	3736559	3736037	0.15	cps
Boron	10-1	41182	42477	43046	42235	2.26	cps
Boron	11-1	191134	194528	197186	194283	1.56	cps
Cadmium	111-1	658390	667582	659643	661871	0.75	cps
Cadmium	106-1	68516	70082	69412	69337	1.13	cps
Cadmium	108-1	47643	47057	48203	47634	1.20	cps
Calcium	43-1	1572518	1576013	1568772	1572434	0.23	cps
Calcium	44-1	25685702	25710464	25590453	25662206	0.25	cps
Chromium	52-2	773880	770352	774394	772875	0.28	cps
Cobalt	59-2	1250151	1247244	1243664	1247020	0.26	cps
Copper	63-2	1807180	1802560	1800642	1803461	0.19	cps
Dysprosium	156-1	400	500	483	461	11.62	cps
Dysprosium	156-2	277	300	290	289	4.05	cps
Erbium	164-1	533	442	542	506	10.98	cps
Erbium	164-2	240	280	193	238	18.24	cps
Gadolinium	160-1	383	350	367	367	4.54	cps
Gadolinium	160-2	310	340	307	319	5.76	cps
Holmium	165-1	9981355	10190508	10255178	10142347	1.41	cps
Holmium	165-2	5152711	5170028	5158676	5160472	0.17	cps
Indium	115-1	6840277	6890883	6944482	6891880	0.76	cps
Indium	115-2	1427345	1430719	1424485	1427516	0.22	cps
Iron	56-2	33300997	33157906	33142576	33200493	0.26	cps
Iron	57-2	809262	809462	808961	809228	0.03	cps
Lead	206-1	2835314	2864757	2847802	2849291	0.52	cps
Lead	207-1	2525726	2575145	2557485	2552786	0.98	cps
Lead	208-1	11706259	11841971	11761442	11769891	0.58	cps
Lithium	6-1	1645191	1677851	1698486	1673843	1.61	cps
Magnesium	24-2	6789699	6768026	6706104	6754610	0.64	cps
Manganese	55-2	924162	920754	917110	920675	0.38	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:31:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5787136	5721244	5798567	5768982	0.72	cps
Molybdenum	95-1	7004041	7061759	7062921	7042907	0.48	cps
Molybdenum	96-1	7769910	7817618	7830007	7805845	0.41	cps
Molybdenum	97-1	4370258	4374829	4376520	4373869	0.07	cps
Molybdenum	98-1	11296513	11332374	11304970	11311285	0.17	cps
Neodymium	150-1	693	753	673	707	5.89	cps
Neodymium	150-2	297	233	170	233	27.14	cps
Nickel	60-2	325679	326795	325089	325854	0.27	cps
Phosphorus	31-2	167	158	200	175	12.60	cps
Potassium	39-2	3034599	3017244	3010585	3020809	0.41	cps
Rhodium	103-1	5650175	5723224	5769779	5714392	1.06	cps
Rhodium	103-2	2834307	2858105	2856115	2849509	0.46	cps
Scandium	45-1	3220885	3223076	3252750	3232237	0.55	cps
Scandium	45-2	167036	166533	165152	166241	0.59	cps
Selenium	77-2	1930	1783	1880	1865	4.00	cps
Selenium	78-2	6266	6400	6194	6287	1.66	cps
Selenium	82-1	37504	37598	37350	37484	0.33	cps
Silicon	28-1	15859869	15943183	15711557	15838203	0.74	cps
Silver	109-1	2671175	2703771	2714358	2696435	0.83	cps
Silver	107-1	2798207	2816752	2843946	2819635	0.82	cps
Sodium	23-2	24419034	24263996	24179045	24287358	0.50	cps
Strontium	86-1	1679644	1694392	1678235	1684090	0.53	cps
Strontium	88-1	14974604	15188384	15053664	15072217	0.72	cps
Sulfur	34-1	289867	286023	285790	287227	0.80	cps
Terbium	159-1	10027175	10232208	10273658	10177681	1.30	cps
Terbium	159-2	5058515	5016244	5028255	5034338	0.43	cps
Thallium	203-1	3480801	3523741	3523004	3509182	0.70	cps
Thallium	205-1	8514122	8639615	8609199	8587645	0.76	cps
Tin	118-1	2352957	2363699	2361969	2359541	0.24	cps
Titanium	47-1	1555032	1554166	1543062	1550753	0.43	cps
Uranium	238-1	13765101	13909116	13857821	13844013	0.53	cps
Vanadium	51-2	649410	647912	648638	648653	0.12	cps
Yttrium	89-1	6644650	6738854	6746166	6709890	0.84	cps
Yttrium	89-2	1038401	1035953	1041098	1038484	0.25	cps
Zinc	66-2	237737	238518	238554	238269	0.19	cps
Zirconium	90-1	4759486	4786992	4765201	4770560	0.30	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF5-0068MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:31:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1045039	1047181	1045489	1045903	0.11	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01A	Instrumnet Name :	P7
Client Sample ID :	LF5-0068A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:34:34	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446126	447566	444917	446203	0.30	cps
Antimony	121-1	3053977	3062643	3058781	3058467	0.14	cps
Arsenic	75-2	89529	89883	89680	89697	0.20	cps
Barium	135-1	3974801	3976865	3969486	3973717	0.10	cps
Barium	137-1	6926322	6946647	6964424	6945798	0.27	cps
Beryllium	9-1	353452	352235	351148	352279	0.33	cps
Bismuth	209-1	6826261	6792435	6769882	6796193	0.42	cps
Bismuth	209-2	3718311	3721796	3753028	3731045	0.51	cps
Boron	10-1	41224	42218	42084	41842	1.29	cps
Boron	11-1	190222	192324	191051	191199	0.55	cps
Cadmium	111-1	656802	655807	655259	655956	0.12	cps
Cadmium	106-1	69269	68885	68306	68820	0.70	cps
Cadmium	108-1	46530	46631	48090	47084	1.85	cps
Calcium	43-1	1552451	1547230	1540601	1546761	0.38	cps
Calcium	44-1	25363795	25343203	25237104	25314701	0.27	cps
Chromium	52-2	758650	755652	750658	754987	0.53	cps
Cobalt	59-2	1227965	1223427	1226367	1225920	0.19	cps
Copper	63-2	1778668	1771343	1767105	1772372	0.33	cps
Dysprosium	156-1	450	492	433	458	6.56	cps
Dysprosium	156-2	327	257	283	289	12.23	cps
Erbium	164-1	542	558	467	522	9.35	cps
Erbium	164-2	237	253	277	256	7.86	cps
Gadolinium	160-1	575	508	342	475	25.30	cps
Gadolinium	160-2	320	323	297	313	4.64	cps
Holmium	165-1	10261647	10073153	10223734	10186178	0.98	cps
Holmium	165-2	5146301	5154647	5193617	5164855	0.49	cps
Indium	115-1	6928378	6904552	6901479	6911470	0.21	cps
Indium	115-2	1413276	1415215	1418842	1415778	0.20	cps
Iron	56-2	32729019	32598458	32417154	32581544	0.48	cps
Iron	57-2	795856	797323	790507	794562	0.45	cps
Lead	206-1	2826207	2855068	2864002	2848426	0.69	cps
Lead	207-1	2524987	2539884	2551811	2538894	0.53	cps
Lead	208-1	11644699	11749715	11766853	11720422	0.56	cps
Lithium	6-1	1636868	1638512	1645588	1640322	0.28	cps
Magnesium	24-2	6618480	6625116	6587855	6610484	0.30	cps
Manganese	55-2	904455	903922	899186	902521	0.32	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01A	Instrumnet Name :	P7
Client Sample ID :	LF5-0068A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:34:34	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5733002	5727463	5740799	5733755	0.12	cps
Molybdenum	95-1	6950727	6956152	7002831	6969903	0.41	cps
Molybdenum	96-1	7707566	7761606	7780869	7750014	0.49	cps
Molybdenum	97-1	4315884	4345225	4336697	4332602	0.35	cps
Molybdenum	98-1	11194833	11269583	11228329	11230915	0.33	cps
Neodymium	150-1	753	760	760	758	0.51	cps
Neodymium	150-2	190	243	223	219	12.31	cps
Nickel	60-2	320744	321652	320690	321029	0.17	cps
Phosphorus	31-2	233	83	133	150	50.92	cps
Potassium	39-2	2953964	2935019	2944262	2944415	0.32	cps
Rhodium	103-1	5784231	5717855	5698440	5733509	0.78	cps
Rhodium	103-2	2840627	2854272	2844453	2846450	0.25	cps
Scandium	45-1	3263959	3200129	3199714	3221267	1.15	cps
Scandium	45-2	163683	163308	164208	163733	0.28	cps
Selenium	77-2	1747	1810	1663	1740	4.23	cps
Selenium	78-2	6263	6237	6283	6261	0.37	cps
Selenium	82-1	37150	37229	37203	37194	0.11	cps
Silicon	28-1	15567596	15520002	15442397	15509998	0.41	cps
Silver	109-1	2685491	2673747	2687374	2682204	0.28	cps
Silver	107-1	2788703	2795154	2817686	2800514	0.54	cps
Sodium	23-2	23753985	23677455	23659921	23697120	0.21	cps
Strontium	86-1	1666131	1668023	1669696	1667950	0.11	cps
Strontium	88-1	14955708	15053899	15001707	15003771	0.33	cps
Sulfur	34-1	282224	280960	276179	279788	1.14	cps
Terbium	159-1	10240911	10188117	10142915	10190648	0.48	cps
Terbium	159-2	4992766	5005665	5050602	5016344	0.61	cps
Thallium	203-1	3487114	3485332	3513791	3495412	0.46	cps
Thallium	205-1	8539916	8579011	8571181	8563369	0.24	cps
Tin	118-1	2340705	2348823	2347473	2345667	0.19	cps
Titanium	47-1	1536021	1534464	1521097	1530527	0.54	cps
Uranium	238-1	13696810	13769842	13777246	13747966	0.32	cps
Vanadium	51-2	637966	637930	637377	637758	0.05	cps
Yttrium	89-1	6796588	6727689	6703607	6742628	0.72	cps
Yttrium	89-2	1034408	1037161	1039041	1036870	0.22	cps
Zinc	66-2	236741	234258	233980	234993	0.65	cps
Zirconium	90-1	4732593	4750895	4728970	4737486	0.25	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-01A	Instrumnet Name :	P7
Client Sample ID :	LF5-0068A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:34:34	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1040192	1042632	1045232	1042685	0.24	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-02	Instrumnet Name :	P7
Client Sample ID :	LF5-0070	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:38:06	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	383	575	470	20.74	cps
Antimony	121-1	11022	11172	11664	11286	2.98	cps
Arsenic	75-2	331	381	367	360	7.14	cps
Barium	135-1	2342	2442	2450	2411	2.50	cps
Barium	137-1	3651	4209	4076	3979	7.33	cps
Beryllium	9-1	411	406	289	369	18.73	cps
Bismuth	209-1	7052860	7167713	7219556	7146709	1.19	cps
Bismuth	209-2	3933283	3942950	3965502	3947245	0.42	cps
Boron	10-1	2709	2442	2467	2539	5.80	cps
Boron	11-1	13206	11413	11430	12016	8.58	cps
Cadmium	111-1	1415	1237	1383	1345	7.05	cps
Cadmium	106-1	1692	1458	1734	1628	9.11	cps
Cadmium	108-1	4	13	25	14	75.48	cps
Calcium	43-1	396556	394075	393784	394805	0.39	cps
Calcium	44-1	6555757	6531403	6526901	6538020	0.24	cps
Chromium	52-2	2240	2344	2157	2247	4.16	cps
Cobalt	59-2	417	463	407	429	7.05	cps
Copper	63-2	31057	32523	32820	32133	2.94	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	17	67	100	61	68.63	cps
Gadolinium	160-2	97	117	70	94	24.79	cps
Holmium	165-1	10181529	10256655	10315578	10251254	0.66	cps
Holmium	165-2	5217553	5193297	5244619	5218490	0.49	cps
Indium	115-1	7158966	7146495	7229024	7178162	0.62	cps
Indium	115-2	1470797	1469725	1476379	1472300	0.24	cps
Iron	56-2	23041	22785	23536	23120	1.65	cps
Iron	57-2	2178	1928	2034	2046	6.13	cps
Lead	206-1	2739	2828	2878	2815	2.50	cps
Lead	207-1	2478	2561	2300	2447	5.45	cps
Lead	208-1	10474	11452	10919	10948	4.47	cps
Lithium	6-1	1599763	1622049	1627390	1616401	0.91	cps
Magnesium	24-2	500596	497659	496089	498114	0.46	cps
Manganese	55-2	1203	1130	1183	1172	3.23	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-02	Instrumnet Name :	P7
Client Sample ID :	LF5-0070	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:38:06	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1583	1700	1875	1720	8.54	cps
Molybdenum	95-1	1917	2217	2117	2084	7.33	cps
Molybdenum	96-1	2000	2084	2567	2217	13.80	cps
Molybdenum	97-1	1175	1575	1542	1431	15.52	cps
Molybdenum	98-1	3150	3309	3592	3351	6.68	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	370	380	393	381	3.07	cps
Phosphorus	31-2	100	133	108	114	15.23	cps
Potassium	39-2	82471	82262	82797	82510	0.33	cps
Rhodium	103-1	5948921	5987855	5993903	5976893	0.41	cps
Rhodium	103-2	2951974	2977043	2983108	2970708	0.56	cps
Scandium	45-1	3222410	3202853	3217905	3214389	0.32	cps
Scandium	45-2	163042	163106	164306	163485	0.44	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	69	48	61	59	17.40	cps
Selenium	82-1	-1	-32	-32	-22	-81.64	cps
Silicon	28-1	10216761	10171895	10114868	10167842	0.50	cps
Silver	109-1	1775	1750	1725	1750	1.43	cps
Silver	107-1	2075	1825	1817	1906	7.70	cps
Sodium	23-2	1019803	1025927	1019796	1021842	0.35	cps
Strontium	86-1	239194	240090	239285	239523	0.21	cps
Strontium	88-1	2141339	2136742	2139724	2139269	0.11	cps
Sulfur	34-1	183802	179756	180970	181509	1.14	cps
Terbium	159-1	10262817	10360732	10358588	10327379	0.54	cps
Terbium	159-2	5015740	5088787	5119369	5074632	1.05	cps
Thallium	203-1	1125	1317	1233	1225	7.85	cps
Thallium	205-1	2859	3051	3092	3000	4.15	cps
Tin	118-1	24464	23846	24639	24316	1.71	cps
Titanium	47-1	775	900	783	820	8.53	cps
Uranium	238-1	11105	12023	12732	11953	6.82	cps
Vanadium	51-2	690	740	820	750	8.74	cps
Yttrium	89-1	6753550	6819223	6830576	6801116	0.61	cps
Yttrium	89-2	1036771	1042415	1049151	1042779	0.59	cps
Zinc	66-2	4874	4951	4901	4909	0.79	cps
Zirconium	90-1	1217	1425	1533	1392	11.57	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-02	Instrumnet Name :	P7
Client Sample ID :	LF5-0070	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:38:06	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	342	367	317	20.89	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:41:39	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2904785	2913334	2896417	2904845	0.29	cps
Antimony	121-1	3241545	3258147	3261465	3253719	0.33	cps
Arsenic	75-2	108070	108275	107389	107911	0.43	cps
Barium	135-1	4678443	4658979	4646456	4661293	0.35	cps
Barium	137-1	8171096	8121751	8081074	8124640	0.55	cps
Beryllium	9-1	479510	489358	483686	484184	1.02	cps
Bismuth	209-1	7151214	7160844	7043507	7118521	0.92	cps
Bismuth	209-2	4005202	4008074	4005044	4006107	0.04	cps
Boron	10-1	48680	50569	52132	50460	3.43	cps
Boron	11-1	226752	238652	237145	234183	2.77	cps
Cadmium	111-1	765596	772012	763612	767073	0.57	cps
Cadmium	106-1	81485	82482	82088	82018	0.61	cps
Cadmium	108-1	56491	55073	54609	55391	1.77	cps
Calcium	43-1	4440930	4445013	4427447	4437796	0.21	cps
Calcium	44-1	71457325	71630406	71432979	71506903	0.15	cps
Chromium	52-2	964303	957494	951695	957831	0.66	cps
Cobalt	59-2	1458278	1453360	1457345	1456328	0.18	cps
Copper	63-2	2020685	2023301	2006667	2016885	0.44	cps
Dysprosium	156-1	100	117	67	94	26.96	cps
Dysprosium	156-2	70	70	60	67	8.66	cps
Erbium	164-1	75	58	33	56	37.75	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	157	123	113	131	17.30	cps
Holmium	165-1	11382765	11331827	11264310	11326301	0.52	cps
Holmium	165-2	5776150	5804725	5760971	5780615	0.38	cps
Indium	115-1	7601576	7578151	7567555	7582427	0.23	cps
Indium	115-2	1576628	1590959	1586547	1584711	0.46	cps
Iron	56-2	190976204	190122521	189852121	190316949	0.31	cps
Iron	57-2	4705955	4692267	4681283	4693168	0.26	cps
Lead	206-1	3185747	3139261	3135152	3153386	0.89	cps
Lead	207-1	2920553	2901297	2892551	2904800	0.49	cps
Lead	208-1	13202512	13128318	13043552	13124794	0.61	cps
Lithium	6-1	1438167	1437353	1451833	1442451	0.56	cps
Magnesium	24-2	33248900	33260209	33150383	33219831	0.18	cps
Manganese	55-2	1080915	1074861	1081677	1079151	0.35	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:41:39	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6836301	6838638	6804474	6826471	0.28	cps
Molybdenum	95-1	8457790	8403255	8394618	8418554	0.41	cps
Molybdenum	96-1	9385907	9370892	9262942	9339913	0.72	cps
Molybdenum	97-1	5256144	5228512	5173621	5219426	0.80	cps
Molybdenum	98-1	13533610	13509044	13432595	13491749	0.39	cps
Neodymium	150-1	313	267	340	307	12.10	cps
Neodymium	150-2	37	47	73	52	36.30	cps
Nickel	60-2	380671	377899	377241	378603	0.48	cps
Phosphorus	31-2	29480	29296	29722	29500	0.72	cps
Potassium	39-2	17387787	17301098	17339037	17342640	0.25	cps
Rhodium	103-1	6478995	6504853	6448710	6477519	0.43	cps
Rhodium	103-2	3105571	3131347	3109132	3115350	0.45	cps
Scandium	45-1	4034108	4066446	4048947	4049834	0.40	cps
Scandium	45-2	195774	199253	200078	198369	1.15	cps
Selenium	77-2	2104	2264	2137	2168	3.89	cps
Selenium	78-2	7352	7131	7304	7262	1.60	cps
Selenium	82-1	44618	44573	44016	44402	0.76	cps
Silicon	28-1	1812131	1815002	1822374	1816502	0.29	cps
Silver	109-1	3672478	3644363	3619982	3645608	0.72	cps
Silver	107-1	3857637	3831727	3820706	3836690	0.49	cps
Sodium	23-2	62796176	62325908	62469926	62530670	0.39	cps
Strontium	86-1	1064049	1061578	1053388	1059672	0.53	cps
Strontium	88-1	9551523	9543650	9487649	9527607	0.37	cps
Sulfur	34-1	414217	416586	410481	413761	0.74	cps
Terbium	159-1	11534170	11469108	11434553	11479277	0.44	cps
Terbium	159-2	5615741	5618786	5615182	5616570	0.03	cps
Thallium	203-1	3897389	3856816	3841425	3865210	0.75	cps
Thallium	205-1	9543471	9502122	9454738	9500110	0.47	cps
Tin	118-1	2663607	2643021	2644821	2650483	0.43	cps
Titanium	47-1	1981304	1985570	1981019	1982631	0.13	cps
Uranium	238-1	15122334	15080556	14909159	15037350	0.75	cps
Vanadium	51-2	792496	782442	784416	786451	0.68	cps
Yttrium	89-1	7936440	7914202	7827516	7892719	0.73	cps
Yttrium	89-2	1197654	1206285	1190472	1198137	0.66	cps
Zinc	66-2	272753	273321	270548	272207	0.54	cps
Zirconium	90-1	5727537	5732134	5665660	5708444	0.65	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:41:39	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1248475	1250930	1246405	1248603	0.18	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:45:14	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	167	208	194	12.37	cps
Antimony	121-1	1742	1734	1267	1581	17.20	cps
Arsenic	75-2	15	15	19	16	13.35	cps
Barium	135-1	425	317	433	392	16.62	cps
Barium	137-1	800	800	758	786	3.06	cps
Beryllium	9-1	544	444	389	459	17.17	cps
Bismuth	209-1	7405683	7423436	7347860	7392326	0.53	cps
Bismuth	209-2	4193484	4229104	4202002	4208197	0.44	cps
Boron	10-1	2250	2267	2217	2245	1.13	cps
Boron	11-1	12114	10904	10179	11066	8.83	cps
Cadmium	111-1	1540	1593	1420	1518	5.84	cps
Cadmium	106-1	2075	2100	1817	1997	7.85	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	492	458	383	444	12.48	cps
Calcium	44-1	11371	11263	10663	11099	3.44	cps
Chromium	52-2	290	303	270	288	5.83	cps
Cobalt	59-2	217	157	140	171	23.57	cps
Copper	63-2	3157	3120	2980	3086	3.02	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	120	93	83	99	19.16	cps
Holmium	165-1	10984010	11022798	10950667	10985825	0.33	cps
Holmium	165-2	5605953	5650423	5619393	5625256	0.41	cps
Indium	115-1	7733028	7730765	7736164	7733319	0.04	cps
Indium	115-2	1639263	1628445	1634829	1634179	0.33	cps
Iron	56-2	16443	15603	15103	15716	4.31	cps
Iron	57-2	622	544	561	576	7.11	cps
Lead	206-1	900	722	694	772	14.44	cps
Lead	207-1	711	667	689	689	3.23	cps
Lead	208-1	3211	3017	3089	3106	3.16	cps
Lithium	6-1	1424525	1426292	1415688	1422168	0.40	cps
Magnesium	24-2	2650	2334	2325	2436	7.61	cps
Manganese	55-2	147	150	143	147	2.27	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:45:14	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125	992	825	981	15.33	cps
Molybdenum	95-1	1000	1108	767	958	18.22	cps
Molybdenum	96-1	1258	1158	983	1133	12.28	cps
Molybdenum	97-1	650	567	508	575	12.38	cps
Molybdenum	98-1	1442	1450	1217	1370	9.67	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	80	93	110	94	15.91	cps
Phosphorus	31-2	117	100	133	117	14.28	cps
Potassium	39-2	22351	22827	21842	22340	2.20	cps
Rhodium	103-1	6815848	6810393	6811512	6812584	0.04	cps
Rhodium	103-2	3296630	3299170	3304395	3300065	0.12	cps
Scandium	45-1	3938088	3916898	3918103	3924363	0.30	cps
Scandium	45-2	193796	195471	195642	194970	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	63	59	61	3.03	cps
Selenium	82-1	47	-32	8	8	526.02	cps
Silicon	28-1	215480	208467	211139	211695	1.67	cps
Silver	109-1	10746	9537	7994	9426	14.63	cps
Silver	107-1	11130	9595	8353	9693	14.35	cps
Sodium	23-2	20607	20615	20239	20487	1.05	cps
Strontium	86-1	458	550	525	511	9.27	cps
Strontium	88-1	1192	817	908	972	20.11	cps
Sulfur	34-1	173307	172015	169860	171727	1.01	cps
Terbium	159-1	11138971	11152291	11062022	11117761	0.44	cps
Terbium	159-2	5514240	5516376	5471625	5500747	0.46	cps
Thallium	203-1	1025	975	908	970	6.04	cps
Thallium	205-1	2709	2225	2034	2323	14.98	cps
Tin	118-1	1258	1150	1267	1225	5.31	cps
Titanium	47-1	267	300	333	300	11.11	cps
Uranium	238-1	1475	1300	1233	1336	9.34	cps
Vanadium	51-2	80	77	87	81	6.28	cps
Yttrium	89-1	7658332	7692405	7676281	7675672	0.22	cps
Yttrium	89-2	1181849	1179356	1183070	1181425	0.16	cps
Zinc	66-2	357	363	310	343	8.46	cps
Zirconium	90-1	1433	1208	1158	1267	11.57	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:45:14	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	200	167	197	14.84	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-03	Instrumnet Name :	P7
Client Sample ID :	LF5-0071	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:48:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1475	1200	1042	1239	17.70	cps
Antimony	121-1	30026	21300	16644	22657	29.98	cps
Arsenic	75-2	13169	13410	13121	13233	1.17	cps
Barium	135-1	107219	106522	104918	106220	1.11	cps
Barium	137-1	184476	182737	183960	183724	0.49	cps
Beryllium	9-1	750	683	622	685	9.33	cps
Bismuth	209-1	6742711	6843925	6829550	6805395	0.80	cps
Bismuth	209-2	3729796	3760256	3759652	3749901	0.46	cps
Boron	10-1	2942	2734	2692	2789	4.80	cps
Boron	11-1	12639	12556	12773	12656	0.86	cps
Cadmium	111-1	1625	1631	1519	1592	3.95	cps
Cadmium	106-1	1842	1759	1592	1731	7.36	cps
Cadmium	108-1	63	29	58	50	36.32	cps
Calcium	43-1	707974	697259	682810	696014	1.81	cps
Calcium	44-1	11677569	11548497	11368565	11531543	1.35	cps
Chromium	52-2	2147	2084	2200	2144	2.72	cps
Cobalt	59-2	5384	5294	5351	5343	0.85	cps
Copper	63-2	26197	27112	27295	26868	2.19	cps
Dysprosium	156-1	867	850	775	831	5.88	cps
Dysprosium	156-2	483	383	393	420	13.11	cps
Erbium	164-1	1408	1258	1200	1289	8.34	cps
Erbium	164-2	640	700	590	643	8.56	cps
Gadolinium	160-1	1075	958	942	992	7.33	cps
Gadolinium	160-2	637	527	560	574	9.82	cps
Holmium	165-1	9860750	10000360	9948701	9936604	0.71	cps
Holmium	165-2	5013405	5045114	5035301	5031273	0.32	cps
Indium	115-1	6887649	6926210	6887221	6900360	0.32	cps
Indium	115-2	1410443	1418233	1412116	1413597	0.29	cps
Iron	56-2	76101177	75368602	75190435	75553404	0.64	cps
Iron	57-2	1841185	1829125	1810206	1826839	0.85	cps
Lead	206-1	8114	8203	8147	8155	0.55	cps
Lead	207-1	7030	6913	6908	6950	0.99	cps
Lead	208-1	32478	32767	32405	32550	0.59	cps
Lithium	6-1	1422046	1462740	1478257	1454348	2.00	cps
Magnesium	24-2	2880398	2856249	2850892	2862513	0.55	cps
Manganese	55-2	346727	344621	344186	345178	0.39	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-03	Instrumnet Name :	P7
Client Sample ID :	LF5-0071	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:48:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12798	12498	12306	12534	1.98	cps
Molybdenum	95-1	16143	16201	16744	16363	2.03	cps
Molybdenum	96-1	18955	19197	18671	18941	1.39	cps
Molybdenum	97-1	10388	10379	10304	10357	0.44	cps
Molybdenum	98-1	26292	25590	27344	26409	3.34	cps
Neodymium	150-1	513	493	713	573	21.22	cps
Neodymium	150-2	257	250	283	263	6.70	cps
Nickel	60-2	12946	13016	13333	13098	1.57	cps
Phosphorus	31-2	150	133	142	142	5.88	cps
Potassium	39-2	557182	553063	556038	555427	0.38	cps
Rhodium	103-1	5691884	5713721	5686728	5697444	0.25	cps
Rhodium	103-2	2816869	2835471	2828859	2827066	0.33	cps
Scandium	45-1	3152993	3166371	3108883	3142749	0.96	cps
Scandium	45-2	157695	157668	159023	158129	0.49	cps
Selenium	77-2	3	17	7	9	78.08	cps
Selenium	78-2	46	57	56	53	11.21	cps
Selenium	82-1	5	88	24	39	111.48	cps
Silicon	28-1	28649948	28089081	27751138	28163389	1.61	cps
Silver	109-1	3175	2709	2117	2667	19.89	cps
Silver	107-1	3576	2525	2292	2798	24.44	cps
Sodium	23-2	7299390	7252635	7225957	7259327	0.51	cps
Strontium	86-1	639683	630107	625523	631771	1.14	cps
Strontium	88-1	5750209	5768206	5704761	5741059	0.57	cps
Sulfur	34-1	250691	244955	242661	246102	1.68	cps
Terbium	159-1	9919475	10044282	10015951	9993236	0.65	cps
Terbium	159-2	4866125	4910172	4908520	4894939	0.51	cps
Thallium	203-1	11205	10430	10546	10727	3.90	cps
Thallium	205-1	26411	25567	25709	25896	1.74	cps
Tin	118-1	27411	24647	23788	25282	7.49	cps
Titanium	47-1	1067	1092	1142	1100	3.47	cps
Uranium	238-1	158285	158225	158378	158296	0.05	cps
Vanadium	51-2	893	833	917	881	4.88	cps
Yttrium	89-1	6592760	6682895	6609020	6628225	0.72	cps
Yttrium	89-2	1014775	1018030	1015294	1016033	0.17	cps
Zinc	66-2	6268	6678	6315	6420	3.50	cps
Zirconium	90-1	8620	8803	8528	8650	1.62	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-03	Instrumnet Name :	P7
Client Sample ID :	LF5-0071	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:48:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2009	2393	2025	2142	10.15	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-04	Instrumnet Name :	P7
Client Sample ID :	LF5-0072	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:52:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90641	90423	90381	90482	0.15	cps
Antimony	121-1	10996	11122	10963	11027	0.76	cps
Arsenic	75-2	3980	4215	4212	4136	3.26	cps
Barium	135-1	20249	20424	21142	20605	2.30	cps
Barium	137-1	36257	35948	36332	36179	0.56	cps
Beryllium	9-1	294	311	239	281	13.43	cps
Bismuth	209-1	6773961	6754454	6719521	6749312	0.41	cps
Bismuth	209-2	3698910	3751665	3716313	3722296	0.72	cps
Boron	10-1	1925	1725	1917	1856	6.10	cps
Boron	11-1	7527	8528	8519	8191	7.02	cps
Cadmium	111-1	1398	1403	1359	1387	1.74	cps
Cadmium	106-1	1709	1809	1767	1761	2.85	cps
Cadmium	108-1	21	54	46	40	43.08	cps
Calcium	43-1	1019012	1020363	1007373	1015583	0.70	cps
Calcium	44-1	16827043	16795419	16756562	16793008	0.21	cps
Chromium	52-2	24330	23482	23415	23743	2.15	cps
Cobalt	59-2	16276	16283	15882	16147	1.42	cps
Copper	63-2	38725	39403	39216	39115	0.90	cps
Dysprosium	156-1	9712	9921	9929	9854	1.25	cps
Dysprosium	156-2	5104	5188	5241	5178	1.33	cps
Erbium	164-1	11414	11789	11272	11491	2.32	cps
Erbium	164-2	5971	5631	5755	5786	2.98	cps
Gadolinium	160-1	10863	11188	10446	10833	3.43	cps
Gadolinium	160-2	5785	5998	6282	6021	4.14	cps
Holmium	165-1	10044589	10141954	10028818	10071787	0.61	cps
Holmium	165-2	5050744	5113243	5125277	5096422	0.79	cps
Indium	115-1	6835352	6908122	6831783	6858419	0.63	cps
Indium	115-2	1395621	1418641	1413561	1409274	0.86	cps
Iron	56-2	99495405	98507274	98129302	98710661	0.71	cps
Iron	57-2	2418911	2401127	2388179	2402739	0.64	cps
Lead	206-1	10087	9743	9598	9809	2.56	cps
Lead	207-1	8008	8042	8358	8136	2.38	cps
Lead	208-1	39230	38078	39308	38872	1.77	cps
Lithium	6-1	1474386	1504517	1500510	1493138	1.10	cps
Magnesium	24-2	2101476	2102162	2086457	2096698	0.42	cps
Manganese	55-2	586943	580104	582517	583188	0.59	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-04	Instrumnet Name :	P7
Client Sample ID :	LF5-0072	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:52:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5485	5318	5685	5496	3.34	cps
Molybdenum	95-1	2584	2500	2467	2517	2.39	cps
Molybdenum	96-1	4501	4676	4726	4634	2.55	cps
Molybdenum	97-1	1767	1734	1534	1678	7.52	cps
Molybdenum	98-1	3942	4184	4368	4165	5.12	cps
Neodymium	150-1	12766	13247	12746	12920	2.19	cps
Neodymium	150-2	5251	5281	5281	5271	0.33	cps
Nickel	60-2	12322	12135	12556	12338	1.71	cps
Phosphorus	31-2	867	733	833	811	8.55	cps
Potassium	39-2	368890	365372	362483	365582	0.88	cps
Rhodium	103-1	5635368	5672238	5603963	5637190	0.61	cps
Rhodium	103-2	2791525	2848766	2828372	2822888	1.03	cps
Scandium	45-1	3106585	3104931	3079918	3097144	0.48	cps
Scandium	45-2	157345	158777	156725	157615	0.67	cps
Selenium	77-2	30	37	20	29	29.04	cps
Selenium	78-2	74	56	61	64	14.95	cps
Selenium	82-1	-26	63	-18	6	774.82	cps
Silicon	28-1	26935261	26697527	26599225	26744004	0.65	cps
Silver	109-1	2009	2367	2384	2253	9.40	cps
Silver	107-1	2384	2292	1975	2217	9.67	cps
Sodium	23-2	21592992	21483590	21405637	21494073	0.44	cps
Strontium	86-1	709583	715444	713640	712889	0.42	cps
Strontium	88-1	6443932	6458345	6470626	6457634	0.21	cps
Sulfur	34-1	254767	251411	249735	251971	1.02	cps
Terbium	159-1	10070851	10155841	10063584	10096759	0.51	cps
Terbium	159-2	4893335	4969407	4965323	4942688	0.87	cps
Thallium	203-1	633	475	550	553	14.33	cps
Thallium	205-1	1542	1275	1467	1428	9.63	cps
Tin	118-1	15251	16594	17178	16341	6.05	cps
Titanium	47-1	131136	129583	129716	130145	0.66	cps
Uranium	238-1	32425	33026	32174	32542	1.35	cps
Vanadium	51-2	21079	20538	21039	20885	1.44	cps
Yttrium	89-1	6747842	6820117	6761508	6776489	0.57	cps
Yttrium	89-2	1030458	1038779	1041681	1036973	0.56	cps
Zinc	66-2	6975	7159	7185	7106	1.61	cps
Zirconium	90-1	10671	10263	10054	10329	3.04	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-04	Instrumnet Name :	P7
Client Sample ID :	LF5-0072	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:52:19	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2567	2175	2300	2348	8.53	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-05	Instrumnet Name :	P7
Client Sample ID :	LF5-0073	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:56:04	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16318	16201	16343	16287	0.46	cps
Antimony	121-1	10112	10738	10713	10521	3.37	cps
Arsenic	75-2	2672	2693	2680	2682	0.38	cps
Barium	135-1	13799	13908	13265	13657	2.52	cps
Barium	137-1	23237	24164	24080	23827	2.15	cps
Beryllium	9-1	222	150	228	200	21.70	cps
Bismuth	209-1	6696329	6781372	6720058	6732586	0.65	cps
Bismuth	209-2	3661647	3724382	3707336	3697788	0.88	cps
Boron	10-1	1408	1525	1600	1511	6.39	cps
Boron	11-1	7052	7444	7569	7355	3.67	cps
Cadmium	111-1	1231	1297	1208	1245	3.71	cps
Cadmium	106-1	1634	1767	1642	1681	4.45	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	1014086	1009049	994772	1005969	1.00	cps
Calcium	44-1	16674424	16595170	16572097	16613897	0.32	cps
Chromium	52-2	10964	10451	11081	10832	3.10	cps
Cobalt	59-2	3134	3214	3247	3198	1.82	cps
Copper	63-2	27362	27713	27873	27650	0.95	cps
Dysprosium	156-1	4593	4634	5076	4768	5.62	cps
Dysprosium	156-2	2747	2700	2607	2685	2.66	cps
Erbium	164-1	6277	6560	6202	6346	2.98	cps
Erbium	164-2	3194	2974	3120	3096	3.62	cps
Gadolinium	160-1	5518	5685	5401	5535	2.57	cps
Gadolinium	160-2	3137	3290	3044	3157	3.95	cps
Holmium	165-1	9994292	10116758	10018698	10043249	0.65	cps
Holmium	165-2	4989265	5076990	5016115	5027457	0.89	cps
Indium	115-1	6803499	6909010	6832367	6848292	0.80	cps
Indium	115-2	1375945	1407754	1386506	1390068	1.17	cps
Iron	56-2	37103716	36994049	36832017	36976594	0.37	cps
Iron	57-2	896122	893596	889300	893006	0.39	cps
Lead	206-1	4573	4295	4167	4345	4.77	cps
Lead	207-1	3684	4190	3545	3806	8.91	cps
Lead	208-1	17038	17472	17010	17173	1.51	cps
Lithium	6-1	1444101	1465141	1467015	1458752	0.87	cps
Magnesium	24-2	1854936	1847707	1836454	1846365	0.50	cps
Manganese	55-2	236059	235404	234356	235273	0.36	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-05	Instrumnet Name :	P7
Client Sample ID :	LF5-0073	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:56:04	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1934	2025	1909	1956	3.14	cps
Molybdenum	95-1	1383	1225	1242	1283	6.78	cps
Molybdenum	96-1	1950	1992	1942	1961	1.37	cps
Molybdenum	97-1	925	892	858	892	3.74	cps
Molybdenum	98-1	2142	2059	2000	2067	3.45	cps
Neodymium	150-1	6042	5915	5781	5913	2.20	cps
Neodymium	150-2	2430	2250	2467	2382	4.87	cps
Nickel	60-2	4601	4367	4487	4485	2.60	cps
Phosphorus	31-2	400	233	267	300	29.40	cps
Potassium	39-2	340850	339794	337938	339527	0.43	cps
Rhodium	103-1	5622047	5674672	5613790	5636836	0.59	cps
Rhodium	103-2	2770618	2826518	2796020	2797719	1.00	cps
Scandium	45-1	3055885	3089394	3042579	3062619	0.79	cps
Scandium	45-2	153506	156399	153627	154510	1.06	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	69	44	41	51	29.44	cps
Selenium	82-1	29	40	-38	10	414.00	cps
Silicon	28-1	14963294	14911122	14823376	14899264	0.47	cps
Silver	109-1	1559	1442	1500	1500	3.89	cps
Silver	107-1	1417	1433	1575	1475	5.90	cps
Sodium	23-2	21514879	21401697	21492792	21469789	0.28	cps
Strontium	86-1	701211	706427	700440	702693	0.46	cps
Strontium	88-1	6409954	6382049	6369941	6387315	0.32	cps
Sulfur	34-1	256804	255223	251648	254558	1.04	cps
Terbium	159-1	9997480	10176144	10132492	10102039	0.92	cps
Terbium	159-2	4833320	4958201	4876625	4889382	1.30	cps
Thallium	203-1	358	400	325	361	10.41	cps
Thallium	205-1	858	783	700	781	10.15	cps
Tin	118-1	12689	13824	13641	13385	4.55	cps
Titanium	47-1	16418	16919	16551	16629	1.56	cps
Uranium	238-1	22695	23355	23881	23310	2.55	cps
Vanadium	51-2	9473	9607	9613	9564	0.83	cps
Yttrium	89-1	6627348	6745087	6653818	6675418	0.93	cps
Yttrium	89-2	999589	1021382	1005244	1008738	1.12	cps
Zinc	66-2	3841	3784	3881	3835	1.27	cps
Zirconium	90-1	2750	2850	3234	2945	8.67	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-05	Instrumnet Name :	P7
Client Sample ID :	LF5-0073	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:56:04	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	817	767	797	3.36	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-06	Instrumnet Name :	P7
Client Sample ID :	LF5-0066	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:59:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	583	642	661	13.48	cps
Antimony	121-1	11639	11380	11772	11597	1.72	cps
Arsenic	75-2	389	380	407	392	3.61	cps
Barium	135-1	17637	18355	18329	18107	2.25	cps
Barium	137-1	33207	31821	32748	32592	2.17	cps
Beryllium	9-1	122	128	200	150	28.93	cps
Bismuth	209-1	6870197	7039658	6929284	6946379	1.24	cps
Bismuth	209-2	3743057	3940070	3668840	3783989	3.70	cps
Boron	10-1	3801	3584	3959	3781	4.98	cps
Boron	11-1	18370	19271	19113	18918	2.54	cps
Cadmium	111-1	1075	1078	1078	1077	0.13	cps
Cadmium	106-1	1508	1508	1500	1506	0.32	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	28846	29046	28461	28784	1.03	cps
Calcium	44-1	474761	477160	476572	476164	0.26	cps
Chromium	52-2	1430	1510	1473	1471	2.72	cps
Cobalt	59-2	267	367	257	297	20.51	cps
Copper	63-2	19346	20047	19941	19778	1.91	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	13	27	117	52	107.65	cps
Gadolinium	160-1	75	92	75	81	11.95	cps
Gadolinium	160-2	93	80	73	82	12.39	cps
Holmium	165-1	9877899	10208986	10058186	10048357	1.65	cps
Holmium	165-2	4976821	5246211	4856296	5026443	3.97	cps
Indium	115-1	6718692	6903859	6805072	6809207	1.36	cps
Indium	115-2	1373038	1447708	1337005	1385917	4.07	cps
Iron	56-2	6213595	6163338	6163047	6179993	0.47	cps
Iron	57-2	148078	149032	148566	148558	0.32	cps
Lead	206-1	1395	1383	1350	1376	1.68	cps
Lead	207-1	1345	1222	1061	1209	11.75	cps
Lead	208-1	5851	5656	5084	5530	7.21	cps
Lithium	6-1	1422735	1446228	1434971	1434644	0.82	cps
Magnesium	24-2	149918	149018	150683	149873	0.56	cps
Manganese	55-2	36355	37100	36288	36581	1.23	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-06	Instrumnet Name :	P7
Client Sample ID :	LF5-0066	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:59:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1550	1433	1533	1506	4.19	cps
Molybdenum	95-1	2067	1984	1892	1981	4.42	cps
Molybdenum	96-1	2117	2159	2334	2203	5.22	cps
Molybdenum	97-1	1433	1267	1408	1370	6.56	cps
Molybdenum	98-1	3125	3117	3084	3109	0.71	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	23	20	10	18	39.03	cps
Nickel	60-2	327	303	337	322	5.31	cps
Phosphorus	31-2	183	167	258	203	24.08	cps
Potassium	39-2	215507	217394	214387	215763	0.70	cps
Rhodium	103-1	5561137	5705381	5621857	5629459	1.29	cps
Rhodium	103-2	2776542	2937933	2712755	2809077	4.13	cps
Scandium	45-1	2978072	3057165	3006129	3013788	1.33	cps
Scandium	45-2	150674	159407	146463	152181	4.34	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	56	52	56	54	3.94	cps
Selenium	82-1	-18	-12	-20	-17	-23.08	cps
Silicon	28-1	11218553	11114681	11086635	11139956	0.62	cps
Silver	109-1	925	933	883	914	2.93	cps
Silver	107-1	758	1083	1050	964	18.55	cps
Sodium	23-2	18469352	18411201	18458408	18446320	0.17	cps
Strontium	86-1	58913	59608	60688	59736	1.50	cps
Strontium	88-1	522784	524821	522630	523412	0.23	cps
Sulfur	34-1	223367	222143	217794	221101	1.32	cps
Terbium	159-1	9870753	10168533	10071548	10036945	1.51	cps
Terbium	159-2	4811988	5082199	4706357	4866848	3.98	cps
Thallium	203-1	192	125	142	153	22.71	cps
Thallium	205-1	342	317	333	331	3.85	cps
Tin	118-1	11138	12406	12306	11950	5.90	cps
Titanium	47-1	658	817	808	761	11.71	cps
Uranium	238-1	20592	20634	20559	20595	0.18	cps
Vanadium	51-2	490	503	450	481	5.77	cps
Yttrium	89-1	6398651	6570612	6475728	6481664	1.33	cps
Yttrium	89-2	970662	1026729	949635	982342	4.06	cps
Zinc	66-2	2524	2594	2590	2569	1.54	cps
Zirconium	90-1	1267	1042	1133	1147	9.86	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	J3402-06	Instrumnet Name :	P7
Client Sample ID :	LF5-0066	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 15:59:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	283	250	244	17.16	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:11:10	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2824221	2820561	2802693	2815825	0.41	cps
Antimony	121-1	3375031	3385671	3345931	3368878	0.61	cps
Arsenic	75-2	103774	102857	102799	103143	0.53	cps
Barium	135-1	4459725	4474051	4386744	4440173	1.05	cps
Barium	137-1	7806820	7843059	7723290	7791056	0.79	cps
Beryllium	9-1	484574	485640	479899	483371	0.63	cps
Bismuth	209-1	6704179	6662607	6951421	6772736	2.31	cps
Bismuth	209-2	3838236	3908493	3854532	3867087	0.95	cps
Boron	10-1	47960	50326	51179	49822	3.35	cps
Boron	11-1	226235	231233	233431	230299	1.60	cps
Cadmium	111-1	725251	727434	721065	724584	0.45	cps
Cadmium	106-1	76749	75996	75920	76222	0.60	cps
Cadmium	108-1	52363	52798	51677	52280	1.08	cps
Calcium	43-1	4332296	4329749	4298868	4320304	0.43	cps
Calcium	44-1	69856210	69980266	69027314	69621263	0.74	cps
Chromium	52-2	919709	918596	919156	919154	0.06	cps
Cobalt	59-2	1390902	1386731	1383640	1387091	0.26	cps
Copper	63-2	1919499	1926617	1911386	1919167	0.40	cps
Dysprosium	156-1	75	42	75	64	30.12	cps
Dysprosium	156-2	57	23	93	58	60.61	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	30	23	37	30	22.23	cps
Gadolinium	160-1	67	67	50	61	15.75	cps
Gadolinium	160-2	137	113	100	117	15.91	cps
Holmium	165-1	10783283	10660866	11177063	10873737	2.48	cps
Holmium	165-2	5549292	5622801	5599497	5590530	0.67	cps
Indium	115-1	7190849	7113113	7386432	7230131	1.95	cps
Indium	115-2	1508063	1531481	1522816	1520786	0.78	cps
Iron	56-2	182083249	182931937	179737521	181584236	0.91	cps
Iron	57-2	4513111	4498038	4464920	4492023	0.55	cps
Lead	206-1	3007699	2983544	2977178	2989474	0.54	cps
Lead	207-1	2765472	2749945	2744435	2753284	0.40	cps
Lead	208-1	12510382	12494961	12421773	12475705	0.38	cps
Lithium	6-1	1408537	1393766	1444896	1415733	1.86	cps
Magnesium	24-2	32234201	32158732	31939380	32110771	0.48	cps
Manganese	55-2	1040742	1035645	1029723	1035370	0.53	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:11:10	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6575265	6555170	6479542	6536659	0.77	cps
Molybdenum	95-1	8135779	8101317	7989203	8075433	0.95	cps
Molybdenum	96-1	8984981	8941057	8862050	8929363	0.70	cps
Molybdenum	97-1	5009484	4986363	4893578	4963142	1.24	cps
Molybdenum	98-1	12994871	12967080	12766984	12909645	0.96	cps
Neodymium	150-1	307	200	287	264	21.44	cps
Neodymium	150-2	43	33	40	39	13.09	cps
Nickel	60-2	363561	360114	362847	362174	0.50	cps
Phosphorus	31-2	29714	28754	28520	28996	2.18	cps
Potassium	39-2	16728972	16702542	16705020	16712178	0.09	cps
Rhodium	103-1	6151445	6023442	6333648	6169512	2.53	cps
Rhodium	103-2	2962709	3001990	2975332	2980010	0.67	cps
Scandium	45-1	3935313	3869665	4039912	3948297	2.17	cps
Scandium	45-2	189525	192171	191767	191154	0.75	cps
Selenium	77-2	1957	2010	2084	2017	3.15	cps
Selenium	78-2	7041	6918	6789	6916	1.82	cps
Selenium	82-1	42127	41847	42048	42007	0.34	cps
Silicon	28-1	1796448	1784761	1773925	1785045	0.63	cps
Silver	109-1	3501841	3506253	3446575	3484890	0.95	cps
Silver	107-1	3663620	3665512	3634492	3654541	0.48	cps
Sodium	23-2	60238108	60326185	60208966	60257753	0.10	cps
Strontium	86-1	1021133	1020376	994793	1012100	1.48	cps
Strontium	88-1	9210512	9184312	9022381	9139068	1.11	cps
Sulfur	34-1	413766	407445	403043	408085	1.32	cps
Terbium	159-1	10792822	10665261	11083503	10847195	1.98	cps
Terbium	159-2	5390285	5474185	5405677	5423382	0.82	cps
Thallium	203-1	3679345	3685817	3674562	3679908	0.15	cps
Thallium	205-1	9027035	9003391	8998681	9009702	0.17	cps
Tin	118-1	2527354	2535425	2503529	2522103	0.66	cps
Titanium	47-1	1949009	1937395	1921897	1936100	0.70	cps
Uranium	238-1	14247890	14280829	14266376	14265032	0.12	cps
Vanadium	51-2	759459	758472	755989	757973	0.24	cps
Yttrium	89-1	7520852	7423371	7736045	7560089	2.12	cps
Yttrium	89-2	1147779	1157799	1152944	1152840	0.43	cps
Zinc	66-2	261381	262210	260651	261414	0.30	cps
Zirconium	90-1	5502923	5517390	5445385	5488566	0.69	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:11:10	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1199384	1200114	1192053	1197184	0.37	cps

LB Number : LB95948 Operator : Jaswal
 Lab Sample ID : LLCCV2 Instrumnet Name : P7
 Client Sample ID : LLCCV2 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-11 16:33:13 DataFile Name : 037LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1175	1125	1033	1111	6.47	cps
Antimony	121-1	12373	12464	13073	12637	3.01	cps
Arsenic	75-2	204	169	194	189	9.66	cps
Barium	135-1	16193	15759	15759	15904	1.58	cps
Barium	137-1	26960	27052	27010	27008	0.17	cps
Beryllium	9-1	1150	1122	995	1089	7.62	cps
Bismuth	209-1	6868076	6887976	6914897	6890316	0.34	cps
Bismuth	209-2	4070293	4127018	4069320	4088877	0.81	cps
Boron	10-1	2559	2650	2625	2611	1.81	cps
Boron	11-1	11029	11613	11805	11483	3.52	cps
Cadmium	111-1	2551	2843	2494	2629	7.13	cps
Cadmium	106-1	1950	2200	1742	1964	11.69	cps
Cadmium	108-1	104	92	108	101	8.56	cps
Calcium	43-1	7444	7586	7385	7472	1.38	cps
Calcium	44-1	126058	122974	125327	124786	1.29	cps
Chromium	52-2	3744	3537	3854	3712	4.33	cps
Cobalt	59-2	2864	2484	2804	2717	7.52	cps
Copper	63-2	5094	4864	5098	5019	2.67	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	40	23	30	31	26.97	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	87	133	127	116	21.84	cps
Holmium	165-1	10377864	10430933	10445979	10418258	0.34	cps
Holmium	165-2	5408082	5495228	5447957	5450422	0.80	cps
Indium	115-1	7356791	7398163	7415200	7390052	0.41	cps
Indium	115-2	1592318	1613537	1600132	1601996	0.67	cps
Iron	56-2	75365	75684	75476	75508	0.21	cps
Iron	57-2	2167	2228	2161	2185	1.69	cps
Lead	206-1	5701	5690	5829	5740	1.34	cps
Lead	207-1	5235	5212	5162	5203	0.71	cps
Lead	208-1	23681	23665	23470	23605	0.50	cps
Lithium	6-1	1414285	1419352	1422085	1418574	0.28	cps
Magnesium	24-2	61050	60297	58917	60088	1.80	cps
Manganese	55-2	1110	980	1053	1048	6.22	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:33:13	DataFile Name :	037LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11764	12089	11839	11897	1.43	cps
Molybdenum	95-1	14458	14491	14341	14430	0.55	cps
Molybdenum	96-1	16418	16352	15601	16124	2.82	cps
Molybdenum	97-1	8962	8987	9212	9053	1.52	cps
Molybdenum	98-1	23303	23169	22644	23039	1.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	820	753	853	809	6.29	cps
Phosphorus	31-2	167	158	142	156	8.18	cps
Potassium	39-2	83493	85194	86436	85041	1.74	cps
Rhodium	103-1	6569791	6610310	6601515	6593872	0.32	cps
Rhodium	103-2	3191737	3221266	3207731	3206911	0.46	cps
Scandium	45-1	3913655	3915262	3926670	3918529	0.18	cps
Scandium	45-2	193560	195596	193357	194171	0.64	cps
Selenium	77-2	3	27	20	17	72.13	cps
Selenium	78-2	107	126	128	120	9.36	cps
Selenium	82-1	438	381	414	411	6.94	cps
Silicon	28-1	258740	258847	260210	259266	0.32	cps
Silver	109-1	7552	7085	6602	7080	6.71	cps
Silver	107-1	7861	6852	7486	7399	6.89	cps
Sodium	23-2	123262	120749	121859	121957	1.03	cps
Strontium	86-1	2334	2409	2450	2398	2.47	cps
Strontium	88-1	17253	16836	16360	16816	2.66	cps
Sulfur	34-1	189053	189542	189761	189452	0.19	cps
Terbium	159-1	10473987	10525854	10493892	10497911	0.25	cps
Terbium	159-2	5280797	5352973	5339089	5324287	0.72	cps
Thallium	203-1	6794	6735	6594	6708	1.53	cps
Thallium	205-1	17504	15752	17145	16800	5.51	cps
Tin	118-1	24330	25190	24397	24639	1.94	cps
Titanium	47-1	4034	3417	3759	3737	8.27	cps
Uranium	238-1	23547	23338	24975	23954	3.72	cps
Vanadium	51-2	6868	7179	6525	6857	4.77	cps
Yttrium	89-1	7474961	7448024	7476608	7466531	0.21	cps
Yttrium	89-2	1155933	1173585	1168049	1165856	0.77	cps
Zinc	66-2	823	793	747	788	4.90	cps
Zirconium	90-1	11005	10880	11238	11041	1.65	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:33:13	DataFile Name :	037LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2325	2434	2250	2336	3.95	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-06-11 16:36:47	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	83	33	47	66.82	cps
Antimony	121-1	150	100	200	150	33.34	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	42	58	0	33	90.14	cps
Barium	137-1	100	67	67	78	24.75	cps
Beryllium	9-1	94	161	183	146	31.62	cps
Bismuth	209-1	6880792	6876949	6848847	6868863	0.25	cps
Bismuth	209-2	4079323	4111246	4113309	4101293	0.46	cps
Boron	10-1	467	442	400	436	7.72	cps
Boron	11-1	1884	1934	2059	1959	4.60	cps
Cadmium	111-1	1311	1240	1298	1283	2.95	cps
Cadmium	106-1	1867	1775	1834	1825	2.54	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	75	83	142	100	36.32	cps
Calcium	44-1	4809	5126	4493	4809	6.59	cps
Chromium	52-2	247	210	227	228	8.06	cps
Cobalt	59-2	30	40	63	44	38.48	cps
Copper	63-2	1043	990	1167	1067	8.50	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	33	50	83	56	45.83	cps
Gadolinium	160-2	110	97	117	108	9.45	cps
Holmium	165-1	10276155	10329708	10267349	10291071	0.33	cps
Holmium	165-2	5448932	5516617	5481787	5482446	0.62	cps
Indium	115-1	7354821	7318143	7409043	7360669	0.62	cps
Indium	115-2	1615228	1626904	1628387	1623506	0.44	cps
Iron	56-2	3906	3751	3878	3845	2.16	cps
Iron	57-2	239	422	350	337	27.40	cps
Lead	206-1	356	372	394	374	5.22	cps
Lead	207-1	333	322	322	326	1.97	cps
Lead	208-1	1489	1561	1467	1506	3.28	cps
Lithium	6-1	1417195	1429671	1425303	1424056	0.44	cps
Magnesium	24-2	733	608	742	694	10.76	cps
Manganese	55-2	77	57	73	69	15.55	cps

LB Number :	LB95948	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	225	292	258	12.90	cps
Molybdenum	95-1	58	8	42	36	70.51	cps
Molybdenum	96-1	142	83	108	111	26.34	cps
Molybdenum	97-1	50	42	42	44	10.82	cps
Molybdenum	98-1	83	58	108	83	30.00	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	80	67	70	12.60	cps
Phosphorus	31-2	100	167	150	139	24.98	cps
Potassium	39-2	21817	21550	21750	21705	0.64	cps
Rhodium	103-1	6556014	6553035	6571393	6560147	0.15	cps
Rhodium	103-2	3214142	3257857	3233274	3235091	0.68	cps
Scandium	45-1	3886690	3932032	3925404	3914709	0.63	cps
Scandium	45-2	194451	195088	196484	195341	0.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	61	63	83	69	17.83	cps
Selenium	82-1	46	-26	-46	-9	-552.11	cps
Silicon	28-1	219804	219395	220926	220042	0.36	cps
Silver	109-1	183	142	158	161	13.02	cps
Silver	107-1	142	142	158	147	6.54	cps
Sodium	23-2	9687	9637	9737	9687	0.52	cps
Strontium	86-1	375	492	308	392	23.69	cps
Strontium	88-1	117	175	150	147	19.88	cps
Sulfur	34-1	190393	186941	191880	189738	1.34	cps
Terbium	159-1	10395908	10409013	10430240	10411721	0.17	cps
Terbium	159-2	5317183	5403038	5353754	5357992	0.80	cps
Thallium	203-1	133	75	75	94	35.66	cps
Thallium	205-1	250	342	308	300	15.47	cps
Tin	118-1	708	667	508	628	16.81	cps
Titanium	47-1	58	67	58	61	7.87	cps
Uranium	238-1	83	50	75	69	24.98	cps
Vanadium	51-2	17	30	20	22	31.22	cps
Yttrium	89-1	7410061	7421622	7422443	7418042	0.09	cps
Yttrium	89-2	1167426	1187825	1183546	1179599	0.91	cps
Zinc	66-2	253	300	267	273	8.79	cps
Zirconium	90-1	633	525	625	594	10.14	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	133	158	150	9.62	cps