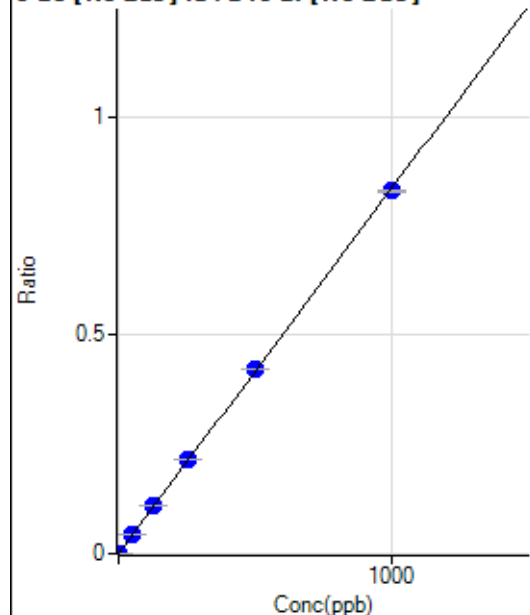


Batch Folder: D:\P8082318 MS.b\
Analysis File: P8082318 MS.batch.bin
DA Date-Time: 2018-08-24 00:02:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-23 16:30:38
2			
3	005CALS.d	S02	2018-08-23 16:38:06
4	006CALS.d	S03	2018-08-23 16:41:51
5	007CALS.d	S04	2018-08-23 16:45:36
6	008CALS.d	S05	2018-08-23 16:49:15
7	009CALS.d	S06	2018-08-23 16:52:49
8	010CALS.d	S07	2018-08-23 16:56:20
9	011CALS.d	S08	2018-08-23 16:59:46

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.943	1031.55	0.0008	P	2.8
4	☐	50.000	53.250	55007.20	0.0446	P	1.0
5	☐	125.000	130.921	134376.87	0.1095	P	2.0
6	☐	250.000	259.495	262933.55	0.2170	P	0.6
7	☐	500.000	505.559	509800.26	0.4226	P	0.3
8	☐	1000.000	993.944	1006493.47	0.8309	P	0.3
9	☐			753.75	0.0006	P	7.7

$$y = 8.3588E-004 * x + 5.2383E-005$$

$$R = 0.9999$$

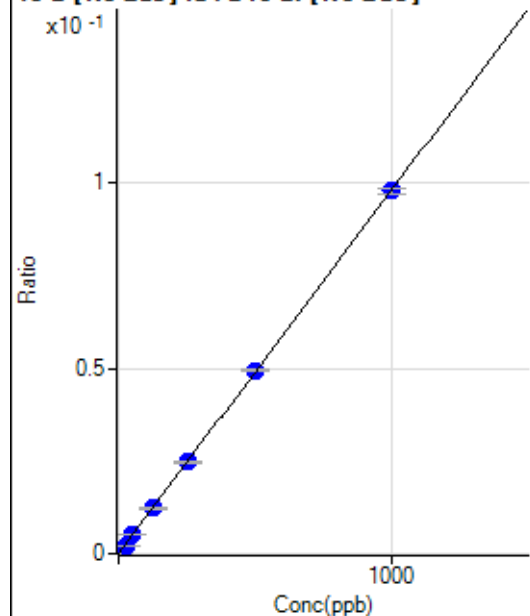
$$DL = 0.01434$$

$$BEC = 0.06267$$

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	69.45	0.0001	P	28.9
2	☐	2.500					
3	☐	25.000	22.028	2717.04	0.0022	P	3.0
4	☐	50.000	51.530	6304.46	0.0051	P	2.7
5	☐	125.000	123.901	14980.63	0.0122	P	4.6
6	☐	250.000	252.219	30032.37	0.0248	P	2.5
7	☐	500.000	502.622	59502.02	0.0493	P	1.1
8	☐	1000.000	998.269	118620.46	0.0979	P	1.9
9	☐			5673.58	0.0048	P	8.0

$$y = 9.8035E-005 * x + 5.4696E-005$$

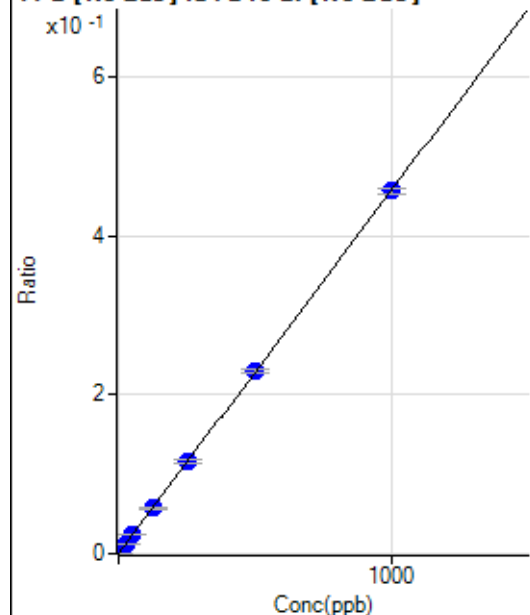
$$R = 1.0000$$

$$DL = 0.4831$$

$$BEC = 0.5579$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.24	0.0003	P	29.8
2	☐	2.500					
3	☐	25.000	23.422	13495.76	0.0110	P	1.5
4	☐	50.000	50.998	29161.03	0.0236	P	2.5
5	☐	125.000	125.749	70967.86	0.0578	P	4.5
6	☐	250.000	252.871	140618.97	0.1160	P	2.9
7	☐	500.000	501.719	277373.15	0.2300	P	1.8
8	☐	1000.000	998.318	553961.77	0.4573	P	1.6
9	☐			25259.20	0.0212	P	10.8

$$y = 4.5779\text{E-}004 * x + 2.7349\text{E-}004$$

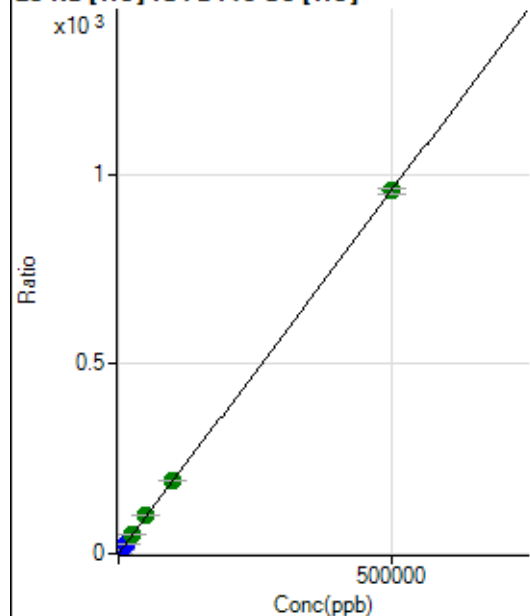
$$R = 1.0000$$

$$DL = 0.534$$

$$BEC = 0.5974$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6746.35	0.2405	P	3.6
2	☐	50.000					
3	☐	500.000	486.754	32529.67	1.1708	P	1.4
4	☐	5000.000	5201.667	277264.89	10.1815	P	2.1
5	☐	12500.000	12782.648	662065.20	24.6695	P	0.6
6	☐	25000.000	26111.050	1303262.65	50.1415	A	4.8
7	☐	50000.000	51904.893	2530529.55	99.4362	A	1.2
8	☐	100000.00	99940.674	4953379.75	191.2376	A	0.4
9	☐	500000.00	499756.75	25454383.38	955.3280	A	1.7

$$y = 0.0019 * x + 0.2405$$

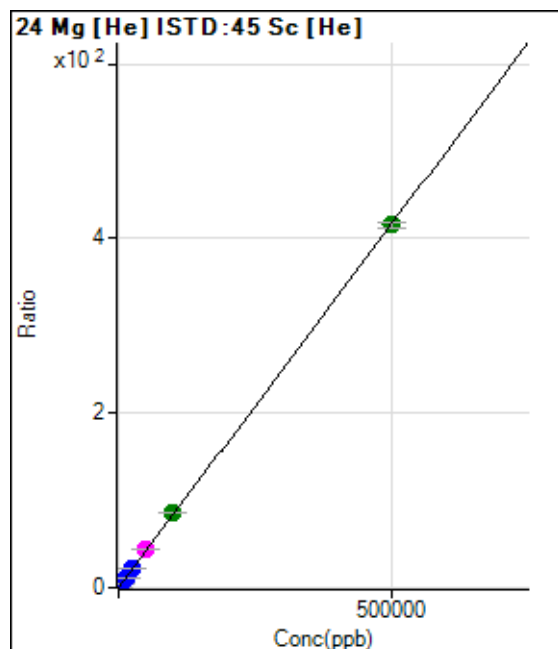
$$R = 1.0000$$

$$DL = 13.46$$

$$BEC = 125.9$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.24	0.0088	P	16.9
2	☐	50.000					
3	☐	500.000	460.278	10890.74	0.3921	P	5.0
4	☐	5000.000	5375.198	122111.71	4.4843	P	2.5
5	☐	12500.000	13263.736	296627.58	11.0525	P	0.4
6	☐	25000.000	26361.240	570793.44	21.9577	P	4.4
7	☐	50000.000	52367.017	1109779.08	43.6107	M	1.6
8	☐	100000.00	103710.13	2236825.38	86.3600	A	1.3
9	☐	500000.00	498930.40	11068937.92	415.4285	A	1.7

$$y = 8.3262\text{E-}004 * x + 0.0088$$

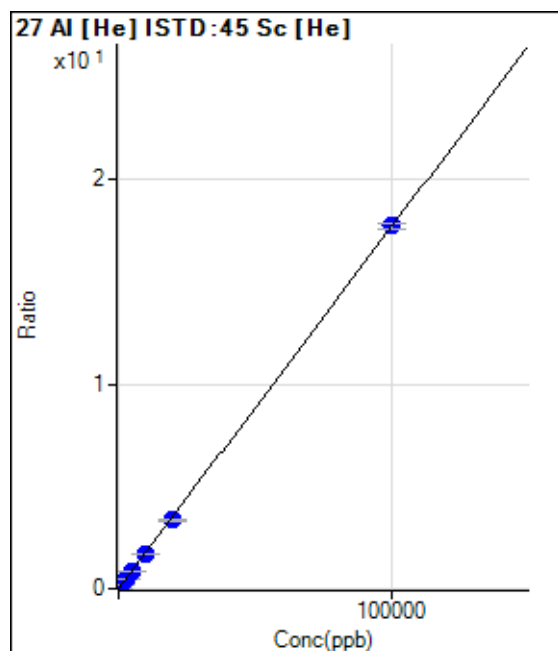
$$R = 1.0000$$

$$DL = 5.376$$

$$BEC = 10.6$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.83	0.0004	P	34.0
2	☐	2.000					
3	☐	20.000	14.586	82.52	0.0030	P	9.8
4	☐	1000.000	1012.342	4891.29	0.1796	P	2.2
5	☐	2500.000	2435.038	11581.05	0.4315	P	1.9
6	☐	5000.000	4844.021	22304.80	0.8580	P	4.2
7	☐	10000.000	9680.011	43620.02	1.7141	P	1.8
8	☐	20000.000	18893.870	86649.92	3.3454	P	1.1
9	☐	100000.00	100262.52	472976.78	17.7509	P	1.4

$$y = 1.7704\text{E-}004 * x + 3.8520\text{E-}004$$

$$R = 0.9999$$

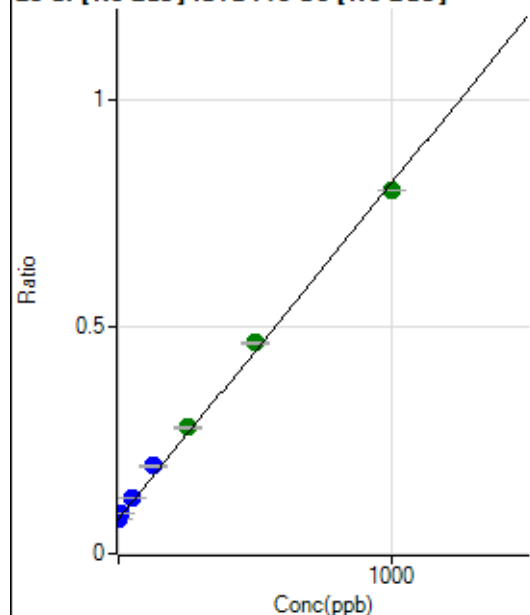
$$DL = 2.217$$

$$BEC = 2.176$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302251.69	0.0767	P	1.9
2	☐	1.000					
3	☐	10.000	16.054	351209.12	0.0886	P	1.0
4	☐	50.000	62.379	486327.21	0.1228	P	0.9
5	☐	125.000	158.110	746516.12	0.1937	P	1.5
6	☐	250.000	273.811	1066657.12	0.2793	A	1.7
7	☐	500.000	523.943	1754033.83	0.4645	A	0.9
8	☐	1000.000	977.258	3054748.85	0.8000	A	0.1
9	☐			360714.83	0.0957	P	1.3

$$y = 7.4016\text{E-}004 * x + 0.0767$$

$$R = 0.9990$$

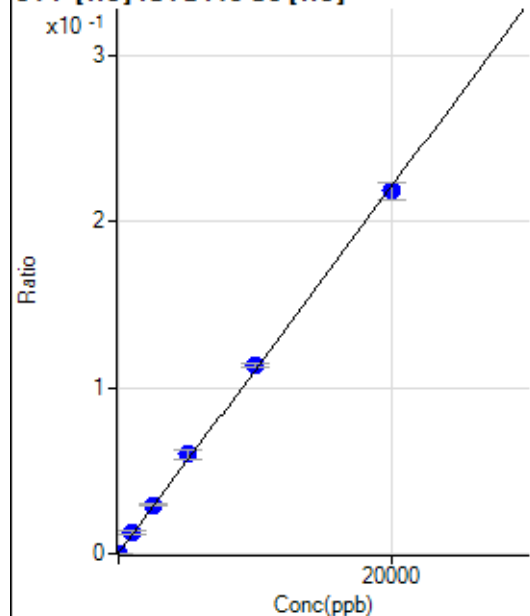
$$DL = 5.838$$

$$BEC = 103.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.149	5.56	0.0002	P	173.2
2	☐	0.000					
3	☐	0.000	-0.149	5.56	0.0002	P	173.2
4	☐	1000.000	1144.432	350.02	0.0128	P	20.8
5	☐	2500.000	2624.300	783.39	0.0292	P	3.8
6	☐	5000.000	5396.587	1552.94	0.0598	P	9.0
7	☐	10000.000	10239.286	2883.76	0.1133	P	2.4
8	☐	20000.000	19758.451	5659.71	0.2185	P	4.5
9	☐			13.89	0.0005	P	33.9

$$y = 1.1049\text{E-}005 * x + 1.9887\text{E-}004$$

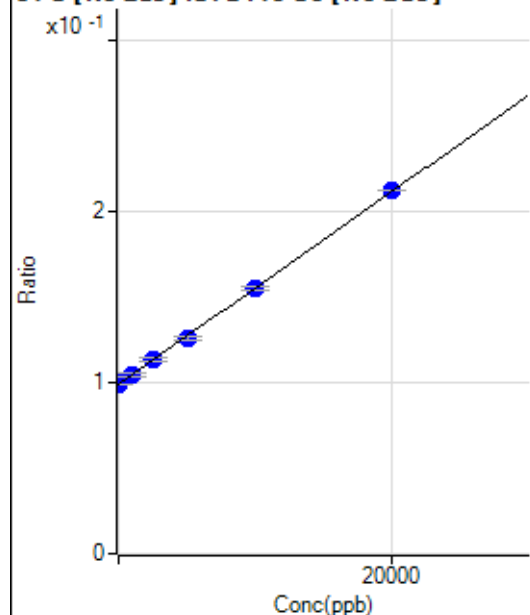
$$R = 0.9997$$

$$DL = 93.53$$

$$BEC = 18$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	74.088	391898.87	0.0994	P	1.6
2	☐	0.000					
3	☐	0.000	-74.088	390977.23	0.0986	P	0.4
4	☐	1000.000	924.491	412464.73	0.1042	P	1.5
5	☐	2500.000	2490.847	435445.02	0.1130	P	2.0
6	☐	5000.000	4825.550	481562.70	0.1261	P	1.8
7	☐	10000.000	9948.900	584968.73	0.1549	P	1.4
8	☐	20000.000	20074.082	808757.69	0.2118	P	0.1
9	☐			345907.10	0.0918	P	1.4

$$y = 5.6195\text{E-}006 * x + 0.0990$$

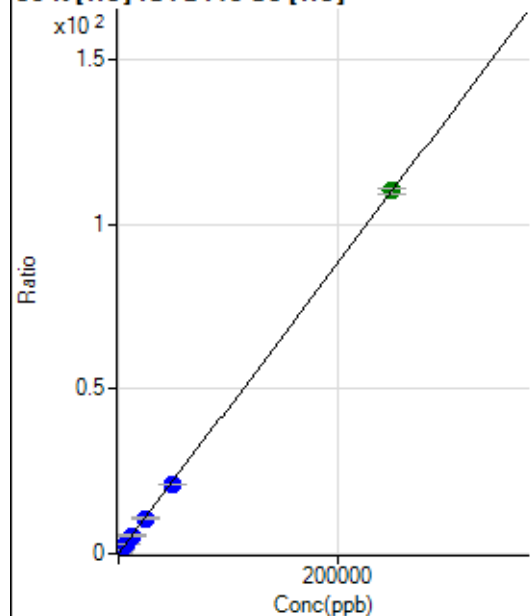
$$R = 0.9999$$

$$DL = 532.3$$

$$BEC = 1.762\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2136.38	0.0762	P	3.8
2	☐	50.000					
3	☐	500.000	479.511	7974.80	0.2871	P	5.2
4	☐	2500.000	2493.928	31937.24	1.1730	P	3.7
5	☐	6250.000	6203.963	75270.76	2.8047	P	0.5
6	☐	12500.000	12379.410	143528.42	5.5206	P	4.0
7	☐	25000.000	24182.091	272567.35	10.7113	P	1.9
8	☐	50000.000	47722.276	545595.13	21.0642	P	0.9
9	☐	250000.00	250544.61	2937920.18	110.2645	A	1.9

$$y = 4.3980\text{E-}004 * x + 0.0762$$

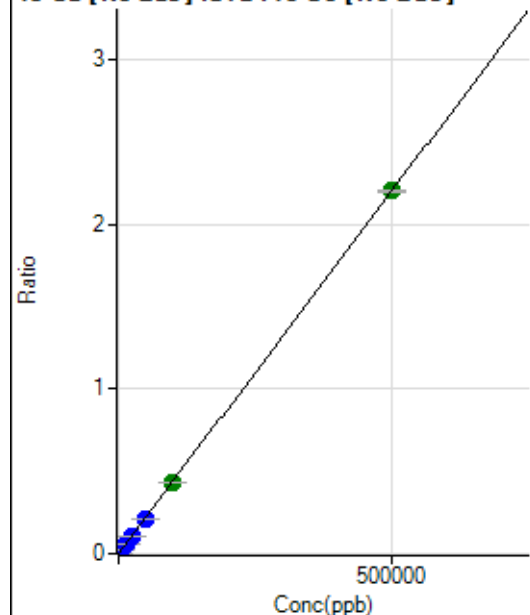
$$R = 1.0000$$

$$DL = 19.8$$

$$BEC = 173.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	500.03	0.0001	P	10.4
2	☐	50.000					
3	☐	500.000	435.763	8105.48	0.0020	P	2.5
4	☐	5000.000	4820.126	84451.11	0.0213	P	1.1
5	☐	12500.000	12391.553	210562.49	0.0546	P	1.9
6	☐	25000.000	24391.451	410217.74	0.1074	P	1.3
7	☐	50000.000	48638.622	808493.89	0.2141	P	0.7
8	☐	100000.00	97297.941	1634806.61	0.4281	A	0.5
9	☐	500000.00	500711.55	8301414.77	2.2027	A	0.7

$$y = 4.3990\text{E-}006 * x + 1.2693\text{E-}004$$

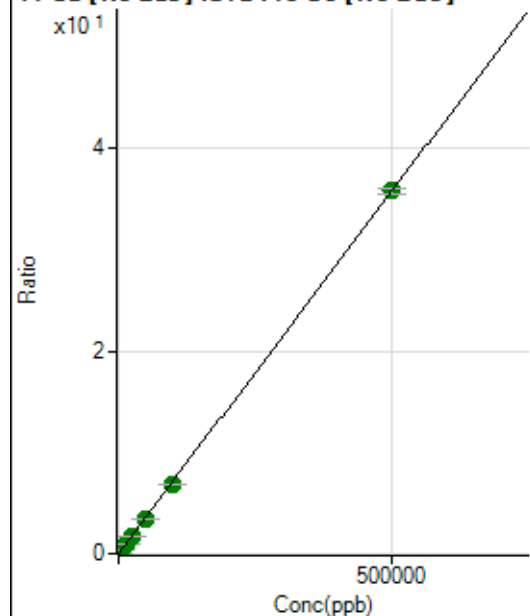
$$R = 1.0000$$

$$DL = 9.02$$

$$BEC = 28.85$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14399.73	0.0037	P	2.5
2	☐	50.000					
3	☐	500.000	439.262	138900.07	0.0350	P	0.9
4	☐	5000.000	4936.578	1410244.05	0.3562	A	0.6
5	☐	12500.000	12430.212	3435239.01	0.8914	A	2.0
6	☐	25000.000	24363.136	6658034.05	1.7436	A	1.8
7	☐	50000.000	48626.061	13128404.55	3.4764	A	0.9
8	☐	100000.00	96087.082	26217538.61	6.8660	A	0.5
9	☐	500000.00	500954.26	134843487.7	35.7810	A	1.7

$$y = 7.1418\text{E-}005 * x + 0.0037$$

$$R = 1.0000$$

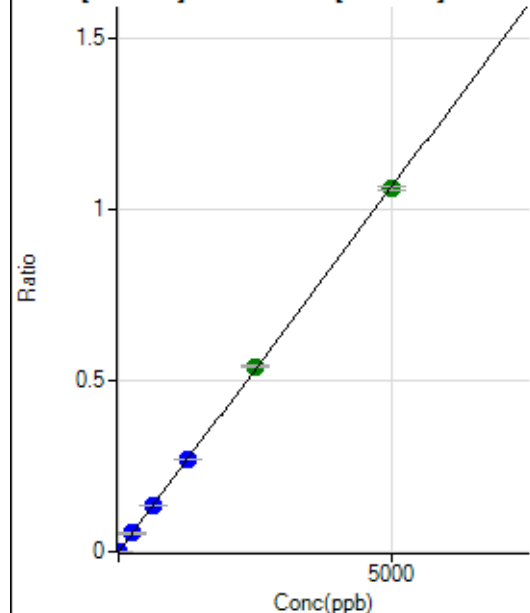
$$DL = 3.801$$

$$BEC = 51.13$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	42.6
2	☐	0.500					
3	☐	5.000	4.718	4053.53	0.0010	P	0.8
4	☐	250.000	251.407	211827.17	0.0535	P	1.6
5	☐	625.000	634.788	520570.58	0.1351	P	1.8
6	☐	1250.000	1266.883	1029383.24	0.2696	P	1.2
7	☐	2500.000	2540.622	2041460.57	0.5406	A	0.5
8	☐	5000.000	4974.175	4041193.93	1.0583	A	0.9
9	☐			808.40	0.0002	P	12.0

$$y = 2.1276E-004 * x + 1.8270E-005$$

$$R = 0.9999$$

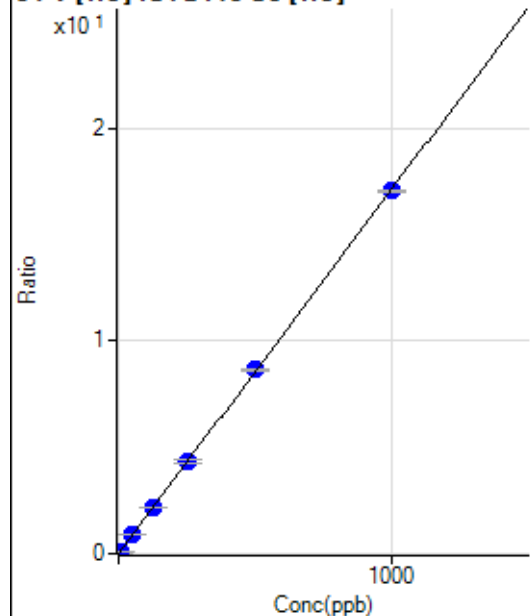
$$DL = 0.1097$$

$$BEC = 0.08587$$

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	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.681	2226.88	0.0801	P	2.0
4	☐	50.000	51.154	23833.89	0.8753	P	2.8
5	☐	125.000	125.652	57698.26	2.1499	P	1.3
6	☐	250.000	255.368	113595.82	4.3693	P	4.0
7	☐	500.000	504.488	219649.91	8.6317	P	1.8
8	☐	1000.000	996.276	441523.73	17.0461	P	0.4
9	☐			168.89	0.0063	P	14.2

$$y = 0.0171 * x + 3.9059E-005$$

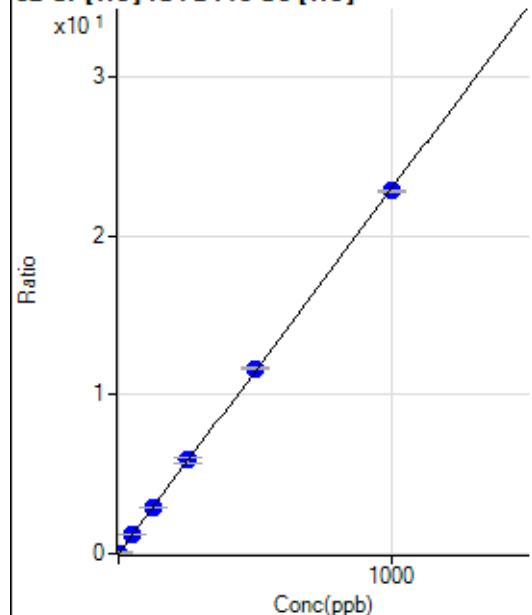
$$R = 1.0000$$

$$DL = 0.01186$$

$$BEC = 0.002283$$

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	336.68	0.0120	P	12.6
2	☐	0.200					
3	☐	2.000	2.083	1662.35	0.0598	P	2.9
4	☐	50.000	52.030	32863.13	1.2068	P	2.4
5	☐	125.000	127.957	79182.33	2.9504	P	0.9
6	☐	250.000	255.261	152659.10	5.8738	P	5.1
7	☐	500.000	508.050	297203.91	11.6789	P	1.3
8	☐	1000.000	994.189	591660.56	22.8426	P	0.4
9	☐			20418.39	0.7664	P	3.1

$$y = 0.0230 * x + 0.0120$$

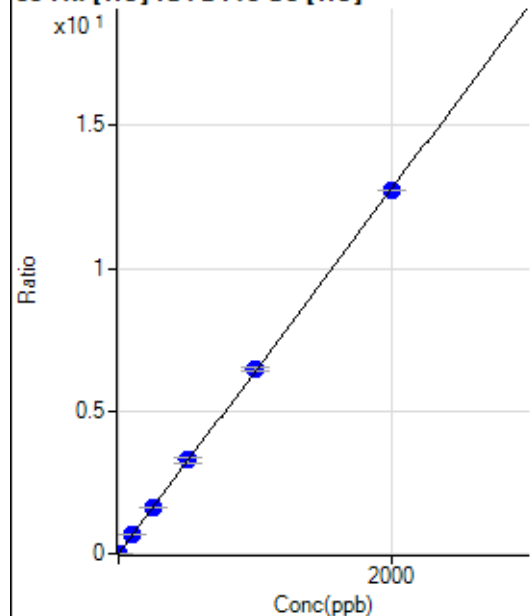
$$R = 0.9999$$

$$DL = 0.1971$$

$$BEC = 0.5232$$

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	83.34	0.0030	P	25.6
2	☐	0.100					
3	☐	1.000	1.000	260.01	0.0094	P	8.8
4	☐	100.000	102.840	17958.41	0.6595	P	2.7
5	☐	250.000	254.445	43672.76	1.6273	P	0.8
6	☐	500.000	512.935	85189.07	3.2775	P	4.8
7	☐	1000.000	1012.403	164540.08	6.4661	P	1.9
8	☐	2000.000	1989.867	329112.17	12.7061	P	0.1
9	☐			1532.33	0.0575	P	5.7

$$y = 0.0064 * x + 0.0030$$

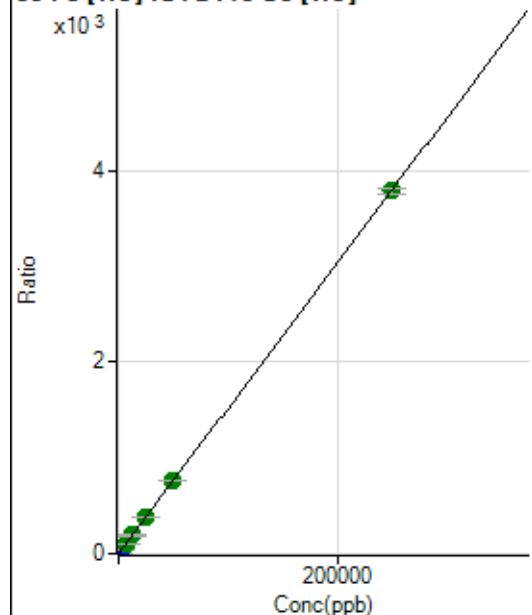
$$R = 0.9999$$

$$DL = 0.3568$$

$$BEC = 0.4651$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	935.24	0.0334	P	8.1
2	☐	5.000					
3	☐	50.000	50.181	22054.95	0.7938	P	1.1
4	☐	2500.000	2618.476	1081427.85	39.7105	P	2.0
5	☐	6250.000	6513.816	2649771.64	98.7358	A	1.0
6	☐	12500.000	12839.244	5057583.45	194.5835	A	4.8
7	☐	25000.000	25449.172	9813608.32	385.6589	A	2.0
8	☐	50000.000	49896.957	19584465.48	756.1107	A	0.5
9	☐	250000.00	249950.94	100916989.2	3,787.483	A	1.6

$$y = 0.0152 * x + 0.0334$$

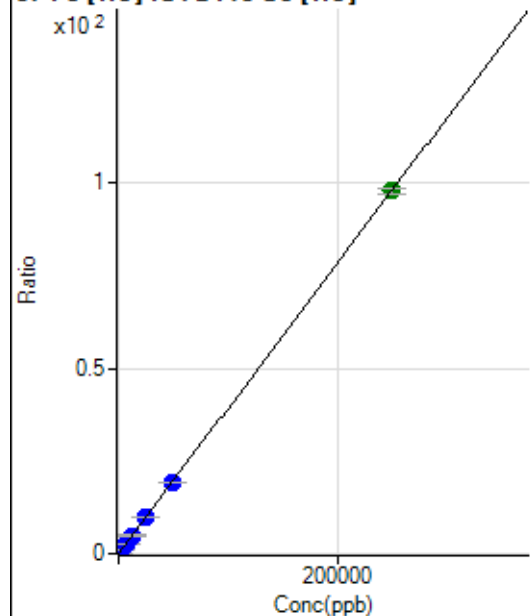
$$R = 1.0000$$

$$DL = 0.5342$$

$$BEC = 2.202$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.63	0.0011	P	76.9
2	☐	5.000					
3	☐	50.000	47.073	540.77	0.0195	P	18.1
4	☐	2500.000	2526.124	26922.82	0.9886	P	2.1
5	☐	6250.000	6261.902	65723.20	2.4490	P	1.4
6	☐	12500.000	12550.887	127566.88	4.9076	P	4.6
7	☐	25000.000	25112.439	249848.32	9.8183	P	1.7
8	☐	50000.000	49194.284	498153.96	19.2327	P	0.7
9	☐	250000.00	250146.79	2605632.61	97.7913	A	1.6

$$y = 3.9093E-004 * x + 0.0011$$

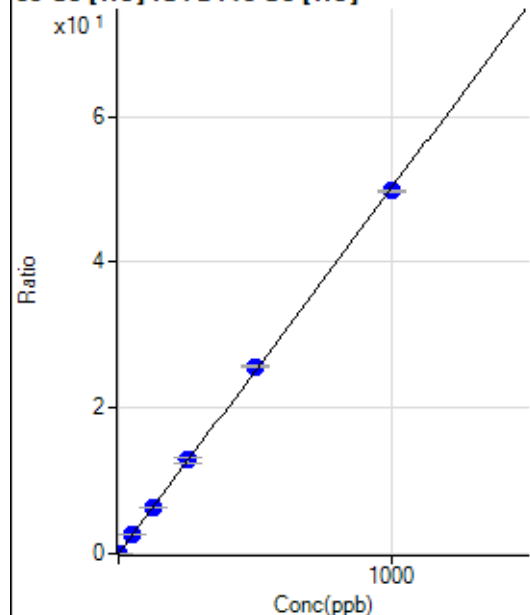
$$R = 1.0000$$

$$DL = 6.204$$

$$BEC = 2.689$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0017	P	41.7
2	☐	0.100					
3	☐	1.000	0.969	1397.87	0.0503	P	1.5
4	☐	50.000	51.911	70996.22	2.6067	P	1.2
5	☐	125.000	128.412	172988.88	6.4458	P	0.6
6	☐	250.000	256.001	333922.11	12.8487	P	5.2
7	☐	500.000	510.985	652611.99	25.6447	P	1.3
8	☐	1000.000	992.485	1290109.97	49.8081	P	0.5
9	☐			16216.31	0.6086	P	2.0

$$y = 0.0502 * x + 0.0017$$

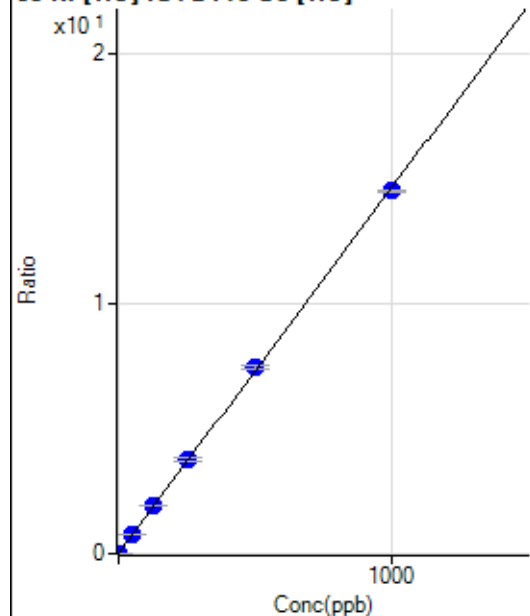
$$R = 0.9999$$

$$DL = 0.04136$$

$$BEC = 0.03305$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	284.45	0.0101	P	7.2
2	☐	0.100					
3	☐	1.000	1.093	726.70	0.0262	P	4.5
4	☐	50.000	52.722	21298.73	0.7821	P	1.9
5	☐	125.000	129.945	51332.21	1.9128	P	1.1
6	☐	250.000	256.072	97726.44	3.7595	P	4.4
7	☐	500.000	511.145	190705.98	7.4941	P	1.6
8	☐	1000.000	992.156	376529.03	14.5369	P	0.6
9	☐			11095.69	0.4164	P	2.6

$$y = 0.0146 * x + 0.0101$$

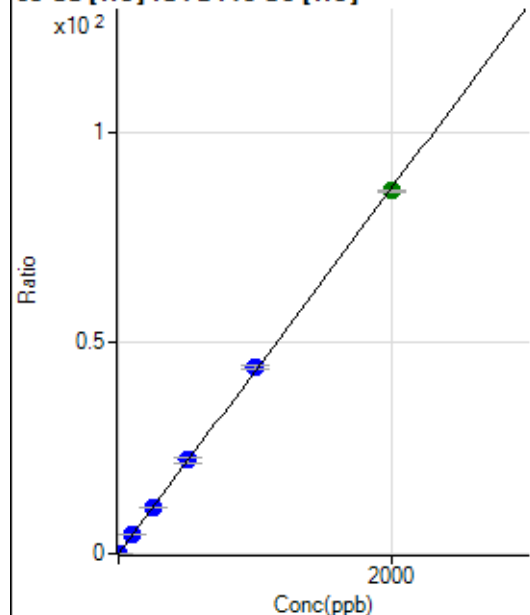
$$R = 0.9999$$

$$DL = 0.1491$$

$$BEC = 0.693$$

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	307.79	0.0110	P	11.2
2	☐	0.200					
3	☐	2.000	1.944	2648.07	0.0953	P	1.8
4	☐	100.000	103.921	123041.77	4.5183	P	2.3
5	☐	250.000	256.584	298960.61	11.1397	P	0.6
6	☐	500.000	512.174	577656.78	22.2254	P	4.9
7	☐	1000.000	1020.256	1126348.38	44.2622	P	1.7
8	☐	2000.000	1985.809	2231177.80	86.1408	A	0.8
9	☐			5744.61	0.2156	P	4.0

$$y = 0.0434 * x + 0.0110$$

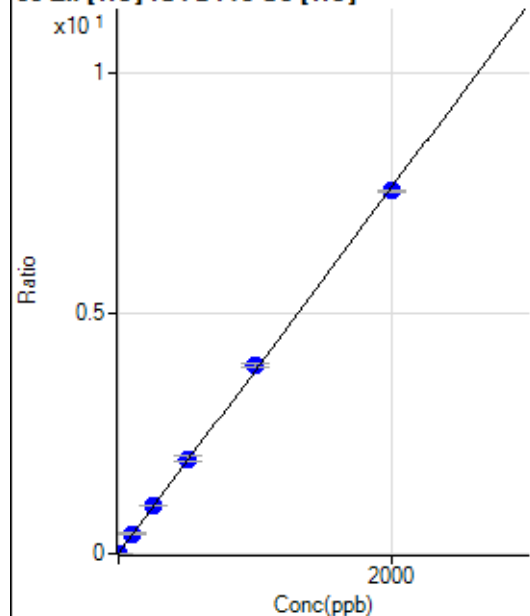
$$R = 0.9999$$

$$DL = 0.08505$$

$$BEC = 0.2531$$

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	123.34	0.0044	P	15.2
2	☐	0.200					
3	☐	2.000	1.961	330.01	0.0119	P	14.6
4	☐	100.000	108.021	11329.21	0.4160	P	2.3
5	☐	250.000	259.660	26670.25	0.9938	P	1.9
6	☐	500.000	514.837	51087.11	1.9662	P	5.9
7	☐	1000.000	1025.585	99559.49	3.9124	P	1.7
8	☐	2000.000	1981.890	195722.37	7.5564	P	0.8
9	☐			3294.89	0.1237	P	3.1

$$y = 0.0038 * x + 0.0044$$

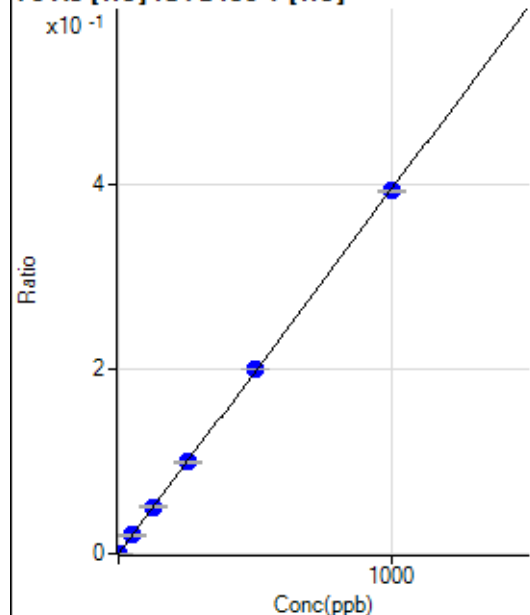
$$R = 0.9998$$

$$DL = 0.5274$$

$$BEC = 1.153$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.94	0.0000	P	21.9
2	☐	0.100					
3	☐	1.000	0.990	80.25	0.0004	P	11.6
4	☐	50.000	50.551	3820.32	0.0200	P	2.3
5	☐	125.000	129.024	9552.15	0.0509	P	1.2
6	☐	250.000	252.216	18278.17	0.0995	P	2.7
7	☐	500.000	506.510	36201.67	0.1998	P	0.7
8	☐	1000.000	995.660	71488.50	0.3928	P	0.5
9	☐			122.22	0.0007	P	23.7

$$y = 3.9445\text{E-}004 * x + 2.5729\text{E-}005$$

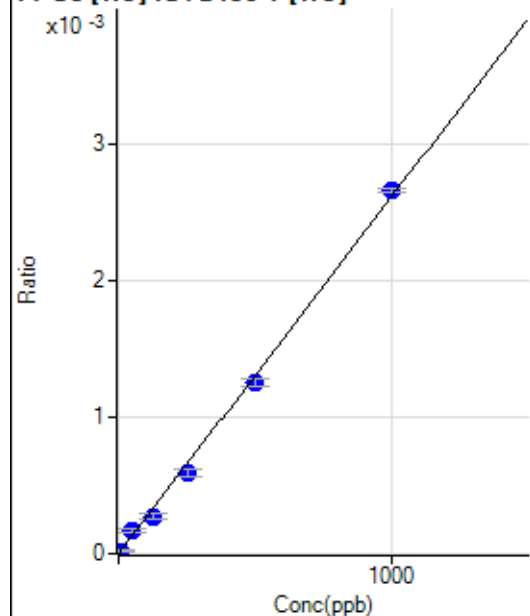
$$R = 1.0000$$

$$DL = 0.0428$$

$$BEC = 0.06523$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.616	3.33	0.0000	P	100.1
4	☐	50.000	64.505	32.22	0.0002	P	21.7
5	☐	125.000	104.407	51.11	0.0003	P	14.4
6	☐	250.000	226.651	108.89	0.0006	P	10.6
7	☐	500.000	481.561	227.78	0.0013	P	4.5
8	☐	1000.000	1016.897	483.35	0.0027	P	1.2
9	☐			1.11	0.0000	P	173.2

$$y = 2.6114\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9990$$

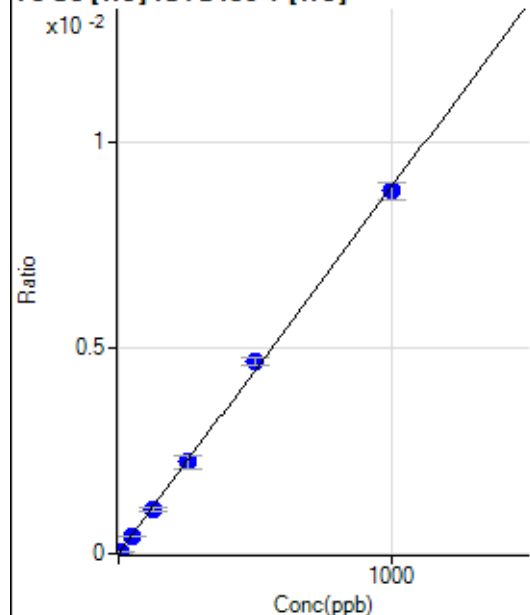
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.599	7.41	0.0000	P	50.2
4	☐	50.000	47.177	81.48	0.0004	P	6.5
5	☐	125.000	119.220	200.00	0.0011	P	8.2
6	☐	250.000	249.848	408.65	0.0022	P	14.7
7	☐	500.000	523.539	844.48	0.0047	P	4.0
8	☐	1000.000	989.139	1601.34	0.0088	P	4.7
9	☐			0.62	0.0000	P	173.2

$$y = 8.8888\text{E-}006 * x + 6.4405\text{E-}006$$

$$R = 0.9996$$

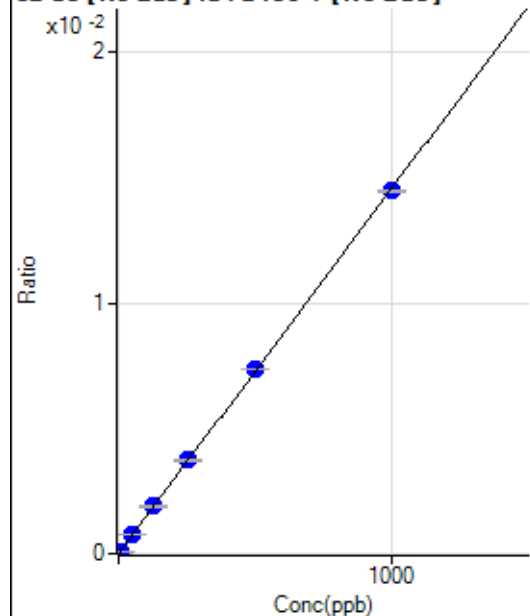
$$DL = 3.765$$

$$BEC = 0.7246$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-30.00	0.0000	P	-193.
2	☐	0.500					
3	☐	5.000	5.375	509.40	0.0001	P	6.4
4	☐	50.000	52.087	5190.10	0.0008	P	2.7
5	☐	125.000	130.256	12931.66	0.0019	P	2.0
6	☐	250.000	257.437	25253.38	0.0037	P	1.5
7	☐	500.000	506.052	49778.59	0.0074	P	0.8
8	☐	1000.000	994.352	99290.63	0.0145	P	0.7
9	☐			83.99	0.0000	P	22.0

$$y = 1.4550\text{E-}005 * x - 4.3195\text{E-}006$$

$$R = 0.9999$$

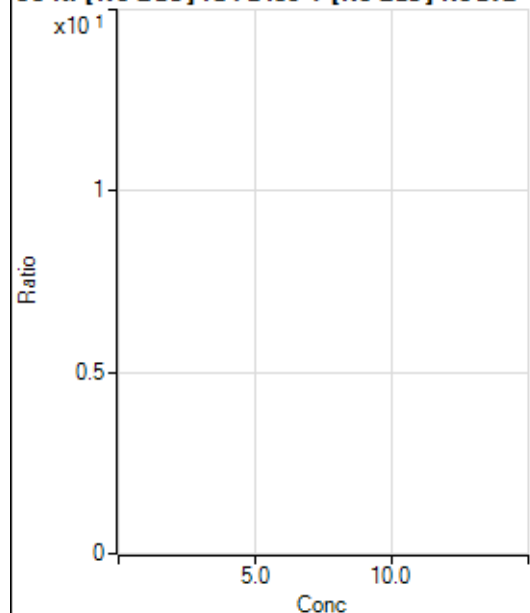
$$DL = 1.726$$

$$BEC = -0.2969$$

Weight: <None>

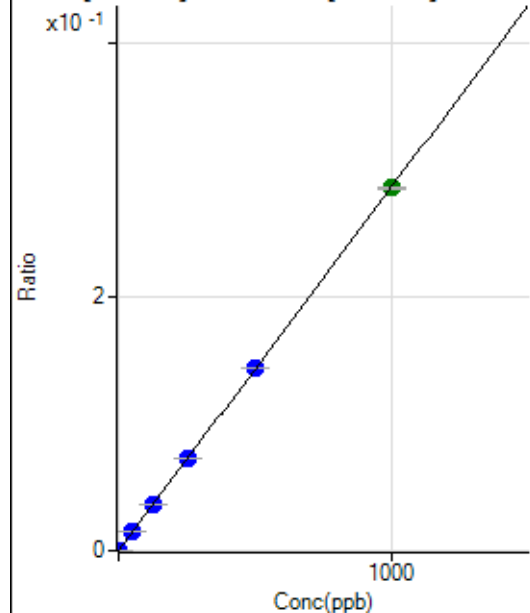
Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			363.34	0.0001	P	11.3
2	☐						
3	☐			317.79	0.0000	P	7.8
4	☐			326.68	0.0000	P	19.6
5	☐			345.57	0.0001	P	12.7
6	☐			344.46	0.0001	P	16.9
7	☐			328.90	0.0000	P	7.6
8	☐			338.90	0.0000	P	15.7
9	☐			341.12	0.0001	P	6.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	497.25	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	0.988	2450.34	0.0004	P	3.1
4	☐	50.000	50.610	100389.82	0.0146	P	0.6
5	☐	125.000	126.878	249111.15	0.0364	P	2.2
6	☐	250.000	253.850	491415.17	0.0728	P	1.7
7	☐	500.000	501.936	973341.59	0.1439	P	0.3
8	☐	1000.000	997.804	1963227.54	0.2860	A	0.5
9	☐			9945.73	0.0015	P	5.3

$$y = 2.8653E-004 * x + 7.2332E-005$$

$$R = 1.0000$$

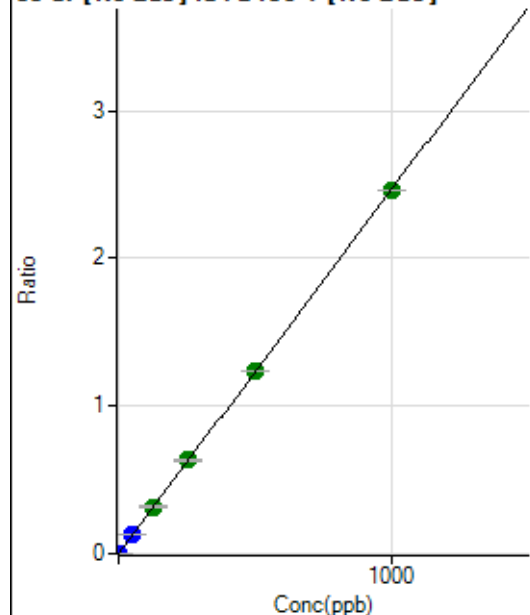
$$DL = 0.03887$$

$$BEC = 0.2524$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.23	0.0000	P	15.9
2	☐	0.100					
3	☐	1.000	0.977	16808.32	0.0024	P	5.4
4	☐	50.000	50.795	863259.37	0.1253	P	0.6
5	☐	125.000	129.376	2182577.65	0.3191	A	2.0
6	☐	250.000	256.478	4270146.50	0.6327	A	1.5
7	☐	500.000	502.580	8385724.67	1.2397	A	0.3
8	☐	1000.000	996.504	16874065.48	2.4580	A	0.0
9	☐			83779.49	0.0125	P	2.3

$$y = 0.0025 * x + 2.8677E-005$$

$$R = 1.0000$$

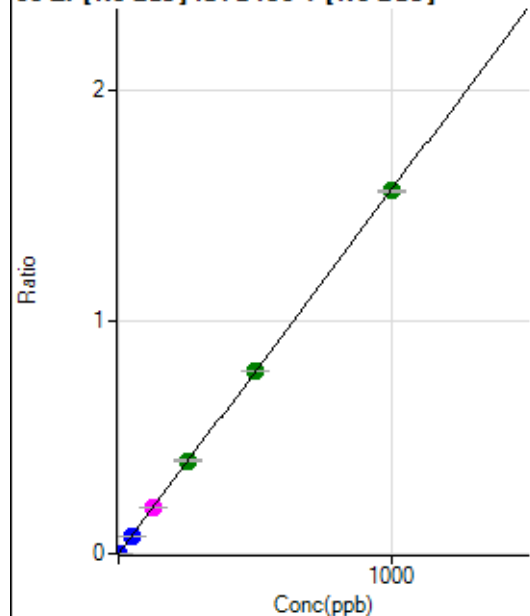
$$DL = 0.005534$$

$$BEC = 0.01163$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	583.37	0.0001	P	4.9
2	☐	0.100					
3	☐	1.000	0.910	10437.75	0.0015	P	0.6
4	☐	50.000	49.844	539748.04	0.0784	P	1.1
5	☐	125.000	127.894	1374154.13	0.2009	M	1.6
6	☐	250.000	255.918	2712995.66	0.4020	A	2.3
7	☐	500.000	502.901	5342845.69	0.7898	A	0.5
8	☐	1000.000	996.716	10745724.37	1.5653	A	0.6
9	☐			2969.92	0.0004	P	2.5

$$y = 0.0016 * x + 8.4850E-005$$

$$R = 1.0000$$

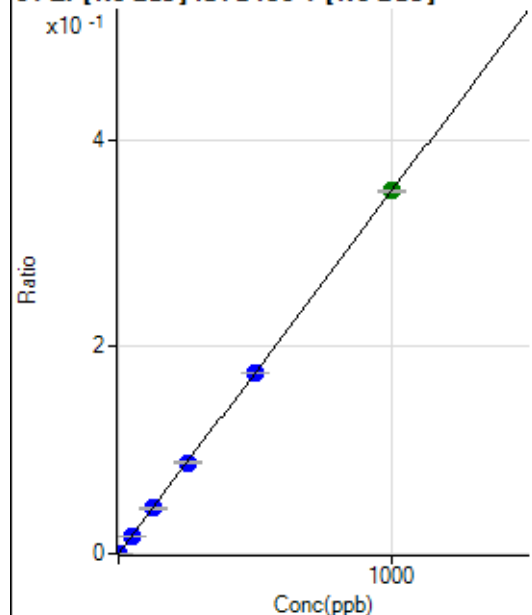
$$DL = 0.007909$$

$$BEC = 0.05403$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.90	0.0000	P	9.6
2	☐	0.100					
3	☐	1.000	0.892	2291.97	0.0003	P	4.2
4	☐	50.000	49.070	118419.78	0.0172	P	0.6
5	☐	125.000	125.698	300913.39	0.0440	P	2.5
6	☐	250.000	250.088	590769.10	0.0875	P	2.0
7	☐	500.000	497.726	1178255.70	0.1742	P	0.6
8	☐	1000.000	1001.074	2404852.01	0.3503	A	0.7
9	☐			644.49	0.0001	P	14.1

$$y = 3.4992\text{E-}004 * x + 2.0203\text{E-}005$$

$$R = 1.0000$$

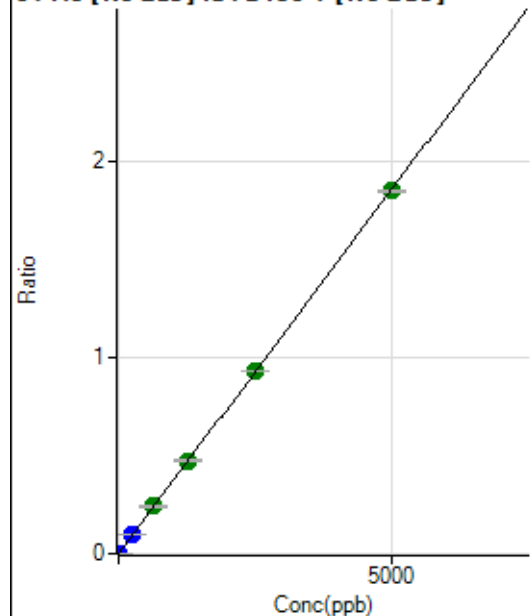
$$DL = 0.01661$$

$$BEC = 0.05774$$

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	247.23	0.0000	P	7.8
2	☐	0.500					
3	☐	5.000	4.553	11897.43	0.0017	P	3.3
4	☐	250.000	252.713	646264.01	0.0938	P	0.6
5	☐	625.000	651.186	1652513.32	0.2417	A	3.7
6	☐	1250.000	1279.211	3204265.02	0.4748	A	1.9
7	☐	2500.000	2510.504	6302311.04	0.9317	A	0.5
8	☐	5000.000	4984.037	12697407.75	1.8497	A	0.7
9	☐			12447.92	0.0019	P	0.6

$$y = 3.7111\text{E-}004 * x + 3.5966\text{E-}005$$

$$R = 1.0000$$

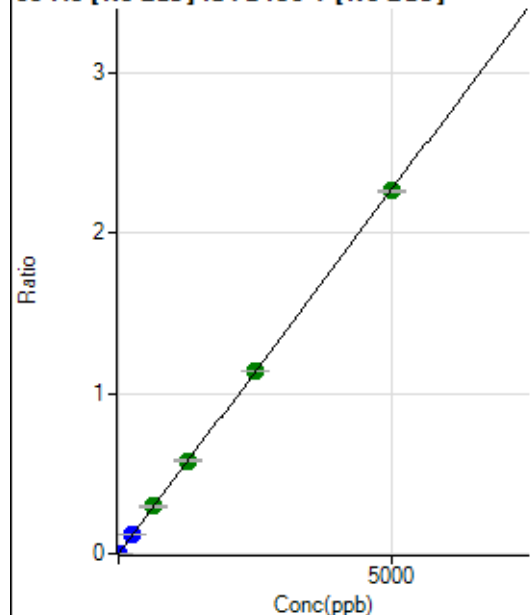
$$DL = 0.02263$$

$$BEC = 0.09691$$

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	66.67	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.691	14750.27	0.0021	P	2.6
4	☐	250.000	252.772	790681.74	0.1148	P	0.5
5	☐	625.000	647.397	2010434.59	0.2940	A	1.7
6	☐	1250.000	1277.717	3915820.44	0.5802	A	1.7
7	☐	2500.000	2512.599	7717257.99	1.1409	A	0.7
8	☐	5000.000	4983.833	15534918.57	2.2630	A	0.5
9	☐			19951.54	0.0030	P	2.2

$$y = 4.5406\text{E-}004 * x + 9.6989\text{E-}006$$

$$R = 1.0000$$

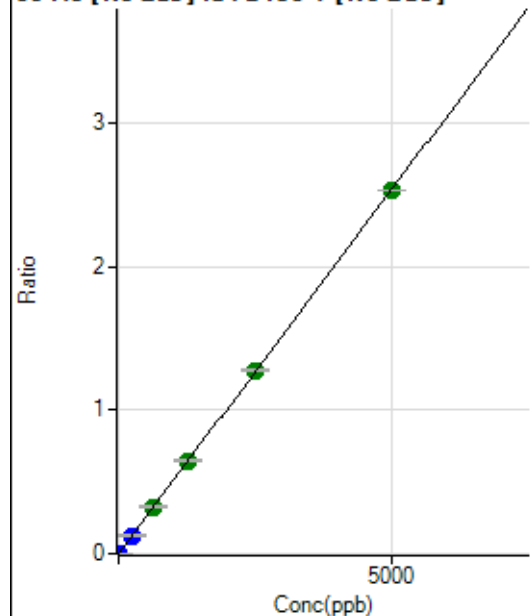
$$DL = 0.00825$$

$$BEC = 0.02136$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	36.9
2	☐	0.500					
3	☐	5.000	4.707	16646.97	0.0024	P	3.0
4	☐	250.000	250.358	875864.95	0.1272	P	1.1
5	☐	625.000	642.923	2232882.25	0.3265	A	1.8
6	☐	1250.000	1271.275	4357226.71	0.6456	A	1.8
7	☐	2500.000	2516.274	8643291.60	1.2778	A	0.5
8	☐	5000.000	4984.286	17375332.51	2.5311	A	0.0
9	☐			21865.67	0.0033	P	0.3

$$y = 5.0780\text{E-}004 * x + 2.4279\text{E-}005$$

$$R = 1.0000$$

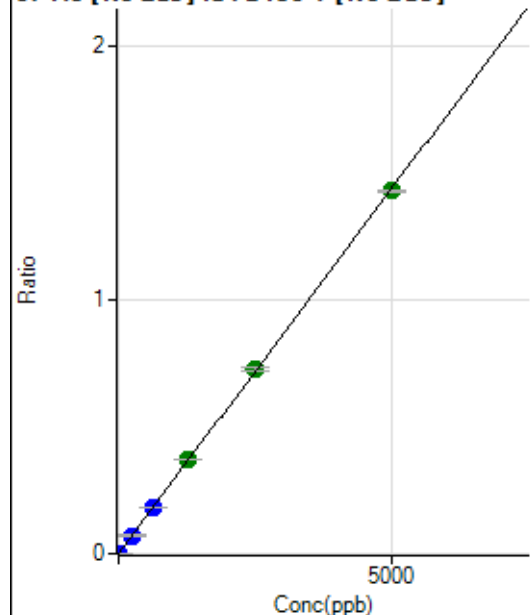
$$DL = 0.0529$$

$$BEC = 0.04781$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	43.2
2	☐	0.500					
3	☐	5.000	4.739	9442.57	0.0014	P	3.4
4	☐	250.000	250.097	494991.85	0.0719	P	0.5
5	☐	625.000	630.958	1239626.40	0.1813	P	2.4
6	☐	1250.000	1291.535	2504398.39	0.3711	A	1.6
7	☐	2500.000	2532.808	4921986.31	0.7277	A	1.3
8	☐	5000.000	4972.463	9806570.10	1.4285	A	0.7
9	☐			12467.39	0.0019	P	3.7

$$y = 2.8729\text{E-}004 * x + 8.0786\text{E-}006$$

$$R = 0.9999$$

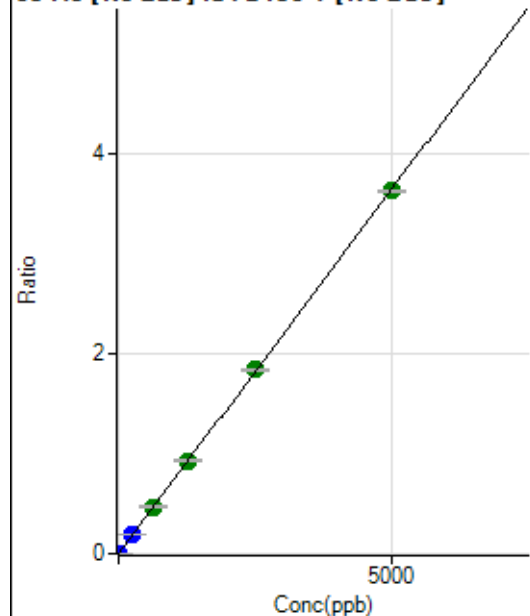
$$DL = 0.03648$$

$$BEC = 0.02812$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	29.4
2	☐	0.500					
3	☐	5.000	4.802	24169.62	0.0035	P	2.8
4	☐	250.000	252.882	1267709.19	0.1840	P	1.1
5	☐	625.000	640.463	3187351.50	0.4661	A	2.3
6	☐	1250.000	1272.494	6250512.16	0.9261	A	1.4
7	☐	2500.000	2523.147	12420516.94	1.8362	A	0.7
8	☐	5000.000	4980.726	24882773.65	3.6247	A	0.6
9	☐			32063.82	0.0048	P	3.8

$$y = 7.2774\text{E-}004 * x + 1.0513\text{E-}005$$

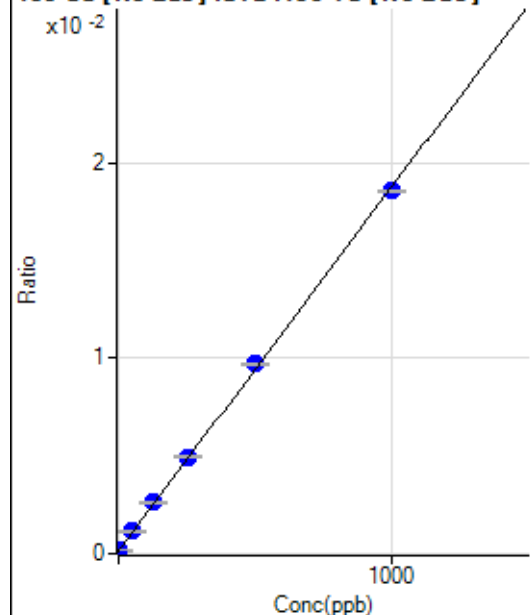
$$R = 1.0000$$

$$DL = 0.01273$$

$$BEC = 0.01445$$

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	1189.01	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	1.724	1466.82	0.0002	P	5.1
4	☐	50.000	54.354	10129.28	0.0011	P	2.7
5	☐	125.000	132.839	22962.07	0.0026	P	1.6
6	☐	250.000	258.509	43666.02	0.0049	P	1.3
7	☐	500.000	513.414	86832.30	0.0097	P	0.6
8	☐	1000.000	989.968	170117.72	0.0186	P	0.8
9	☐			1294.57	0.0001	P	10.9

$$y = 1.8607\text{E-}005 * x + 1.3467\text{E-}004$$

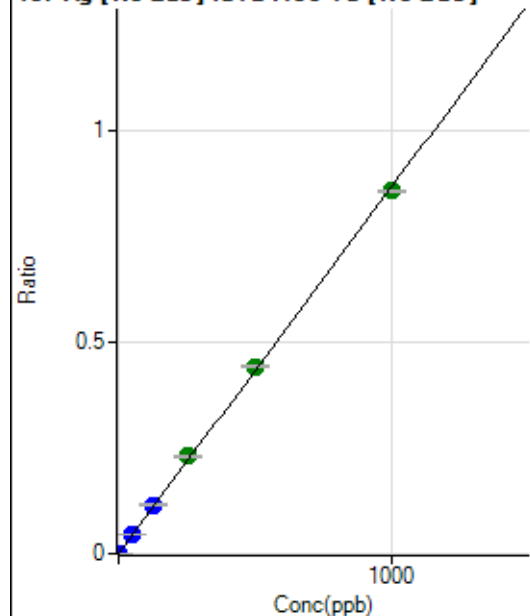
$$R = 0.9998$$

$$DL = 2.234$$

$$BEC = 7.237$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	38.9
2	☐	0.100					
3	☐	1.000	1.014	7766.45	0.0009	P	5.0
4	☐	50.000	53.030	406116.17	0.0459	P	0.1
5	☐	125.000	132.972	1014660.95	0.1152	P	3.0
6	☐	250.000	265.124	2027973.59	0.2297	A	1.5
7	☐	500.000	511.116	3968798.70	0.4428	A	0.6
8	☐	1000.000	989.513	7859478.47	0.8573	A	0.6
9	☐			783.40	0.0001	P	15.1

$$y = 8.6633\text{E-}004 * x + 4.7017\text{E-}006$$

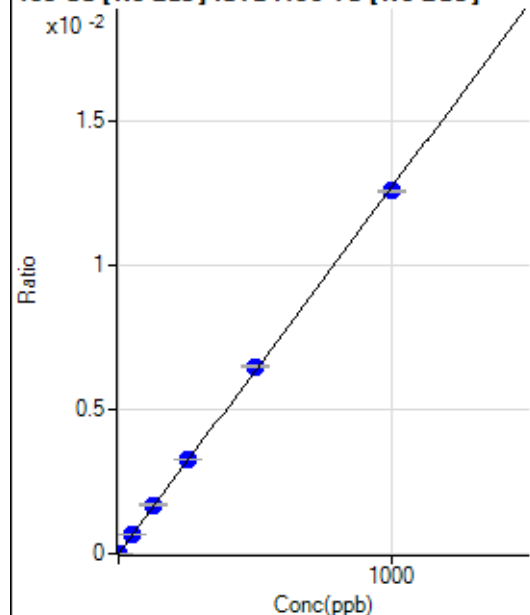
$$R = 0.9998$$

$$DL = 0.006327$$

$$BEC = 0.005427$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	0.100					
3	☐	1.000	0.896	102.78	0.0000	P	9.9
4	☐	50.000	53.497	6002.86	0.0007	P	2.2
5	☐	125.000	133.548	14928.00	0.0017	P	3.0
6	☐	250.000	258.113	28920.20	0.0033	P	1.4
7	☐	500.000	511.192	58138.55	0.0065	P	0.7
8	☐	1000.000	991.132	115305.79	0.0126	P	0.3
9	☐			43.06	0.0000	P	27.6

$$y = 1.2689\text{E-}005 * x + 3.1004\text{E-}007$$

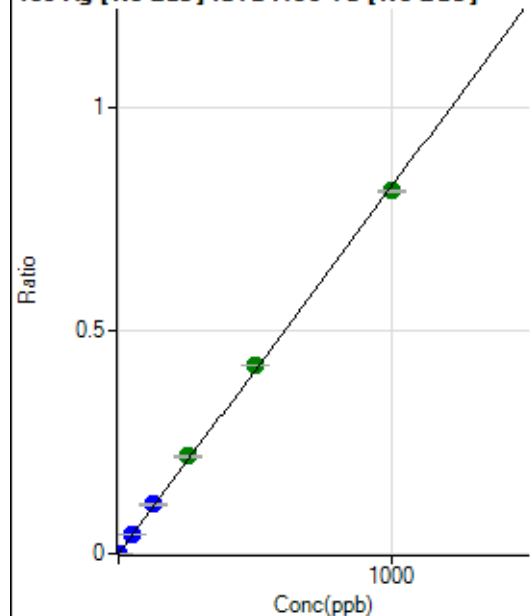
$$R = 0.9999$$

$$DL = 0.127$$

$$BEC = 0.02443$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.1
2	☐	0.100					
3	☐	1.000	1.010	7332.86	0.0008	P	3.6
4	☐	50.000	53.469	388346.53	0.0439	P	0.7
5	☐	125.000	134.117	970744.95	0.1102	P	2.1
6	☐	250.000	265.806	1928335.50	0.2184	A	1.7
7	☐	500.000	512.705	3775756.25	0.4213	A	0.1
8	☐	1000.000	988.383	7445577.69	0.8121	A	0.8
9	☐			808.40	0.0001	P	8.6

$$y = 8.2165\text{E-}004 * x + 3.7810\text{E-}006$$

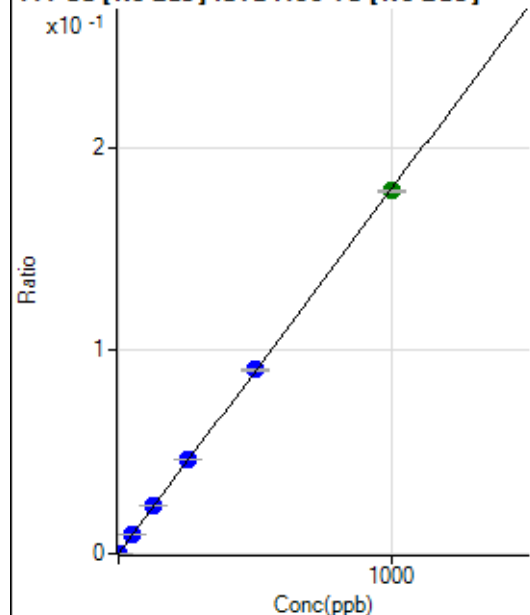
$$R = 0.9997$$

$$DL = 0.003608$$

$$BEC = 0.004602$$

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	838.69	0.0001	P	11.3
2	☐	0.100					
3	☐	1.000	1.015	2436.89	0.0003	P	5.7
4	☐	50.000	52.632	84268.95	0.0095	P	0.9
5	☐	125.000	131.598	208724.42	0.0237	P	2.5
6	☐	250.000	258.215	409707.38	0.0464	P	1.5
7	☐	500.000	504.449	811691.58	0.0906	P	0.6
8	☐	1000.000	994.766	1636553.20	0.1785	A	0.6
9	☐			1166.35	0.0001	P	12.8

$$y = 1.7934\text{E-}004 * x + 9.4997\text{E-}005$$

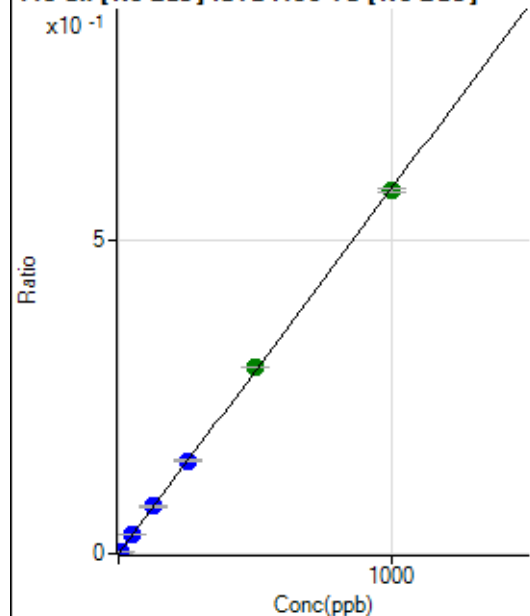
$$R = 0.9999$$

$$DL = 0.1793$$

$$BEC = 0.5297$$

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	1061.22	0.0001	P	11.9
2	☐	0.500					
3	☐	5.000	4.655	24926.89	0.0028	P	1.9
4	☐	50.000	51.082	264245.47	0.0299	P	1.0
5	☐	125.000	129.500	666019.45	0.0756	P	2.0
6	☐	250.000	254.614	1311528.14	0.1485	P	0.9
7	☐	500.000	509.542	2663147.76	0.2971	A	0.5
8	☐	1000.000	993.461	5310353.55	0.5792	A	1.0
9	☐			6271.21	0.0007	P	4.0

$$y = 5.8291\text{E-}004 * x + 1.2001\text{E-}004$$

$$R = 0.9999$$

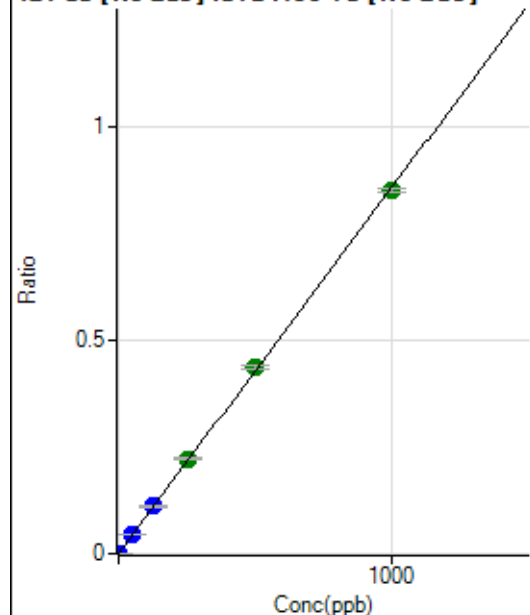
$$DL = 0.07348$$

$$BEC = 0.2059$$

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	175.01	0.0000	P	21.7
2	☐	0.200					
3	☐	2.000	1.902	14489.12	0.0016	P	3.1
4	☐	50.000	51.046	386100.50	0.0437	P	0.1
5	☐	125.000	129.545	976270.94	0.1108	P	2.0
6	☐	250.000	260.128	1964686.96	0.2225	A	1.5
7	☐	500.000	510.074	3910388.67	0.4363	A	1.2
8	☐	1000.000	991.811	7777999.48	0.8484	A	1.0
9	☐			20889.39	0.0024	P	5.8

$$y = 8.5535\text{E-}004 * x + 1.9842\text{E-}005$$

$$R = 0.9999$$

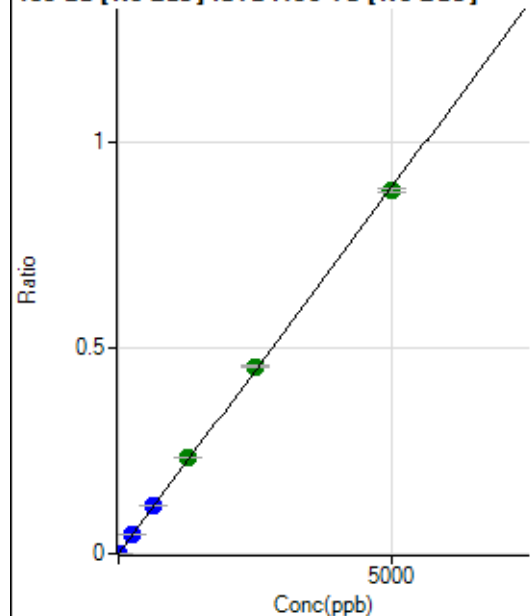
$$DL = 0.01511$$

$$BEC = 0.0232$$

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	38.89	0.0000	P	25.0
2	☐	1.000					
3	☐	10.000	9.750	15295.60	0.0017	P	1.1
4	☐	250.000	257.136	404239.26	0.0457	P	0.3
5	☐	625.000	650.530	1019151.09	0.1157	P	2.2
6	☐	1250.000	1308.186	2054352.07	0.2327	A	0.6
7	☐	2500.000	2559.097	4079088.07	0.4551	A	0.9
8	☐	5000.000	4952.358	8074850.01	0.8808	A	0.9
9	☐			1183.44	0.0001	P	6.8

$$y = 1.7784\text{E-}004 * x + 4.4038\text{E-}006$$

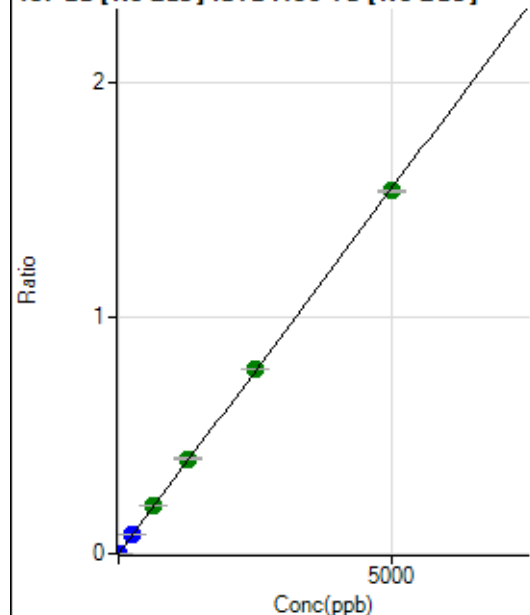
$$R = 0.9998$$

$$DL = 0.01861$$

$$BEC = 0.02476$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0000	P	38.7
2	☐	1.000					
3	☐	10.000	9.664	26402.22	0.0030	P	0.8
4	☐	250.000	259.190	709797.23	0.0803	P	0.6
5	☐	625.000	658.013	1795949.08	0.2039	A	1.6
6	☐	1250.000	1296.637	3546901.21	0.4017	A	1.2
7	☐	2500.000	2528.161	7020009.44	0.7832	A	0.5
8	☐	5000.000	4969.675	14115957.61	1.5396	A	0.5
9	☐			2208.62	0.0002	P	7.2

$$y = 3.0981\text{E-}004 * x + 6.6243\text{E-}006$$

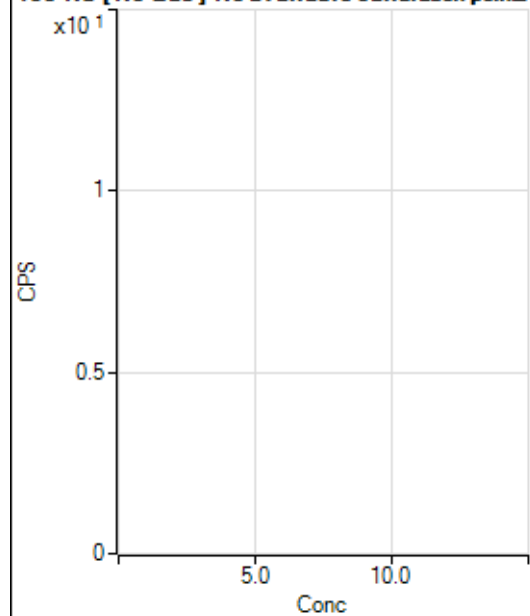
$$R = 0.9999$$

$$DL = 0.02482$$

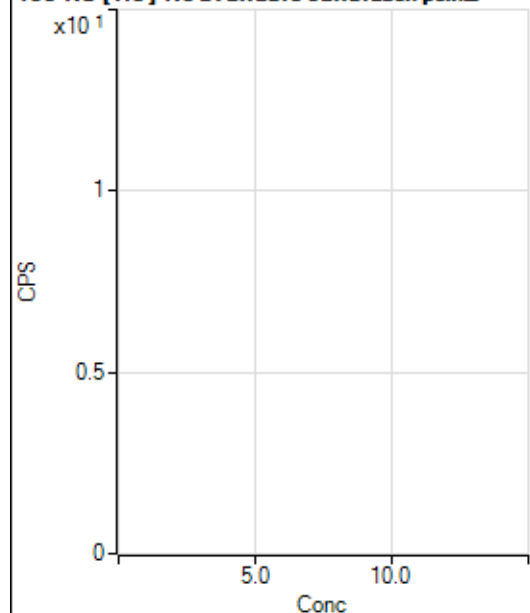
$$BEC = 0.02138$$

Weight: <None>

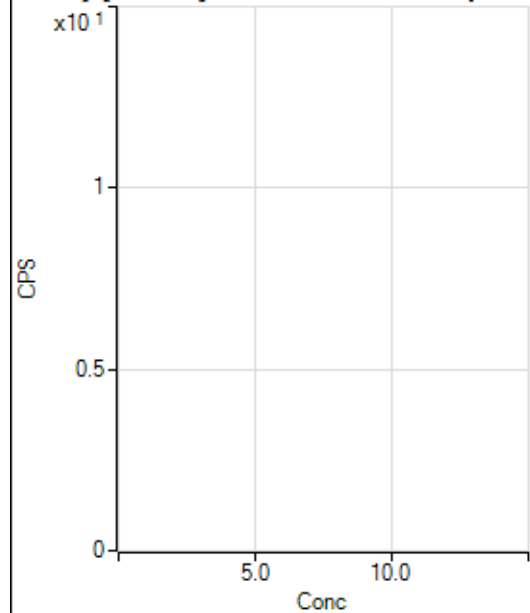
Min Conc: 0

150 Nd [No Gas] No available calibration points

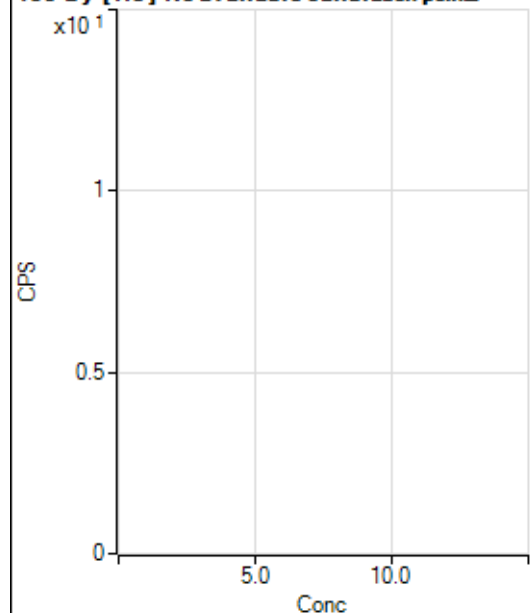
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			11.11		P	91.7
4	☐			20.00		P	66.7
5	☐			48.89		P	7.9
6	☐			86.67		P	23.1
7	☐			166.68		P	21.2
8	☐			273.35		P	29.3
9	☐			73.34		P	48.1

150 Nd [He] No available calibration points

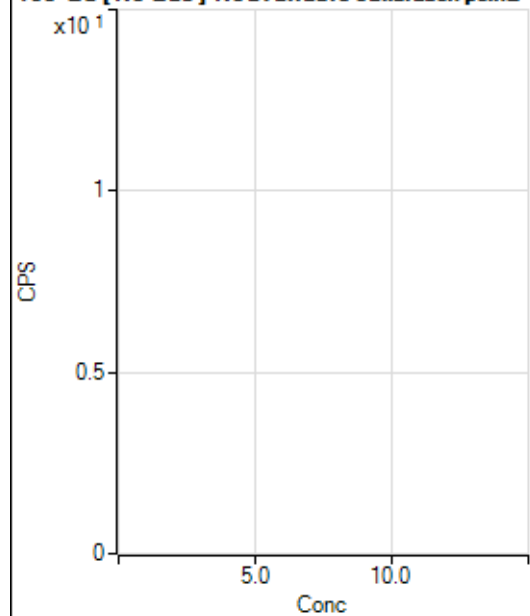
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			2.22		P	86.6
8	☐			3.33		P	100.1
9	☐			11.11		P	75.5

156 Dy [No Gas] No available calibration points

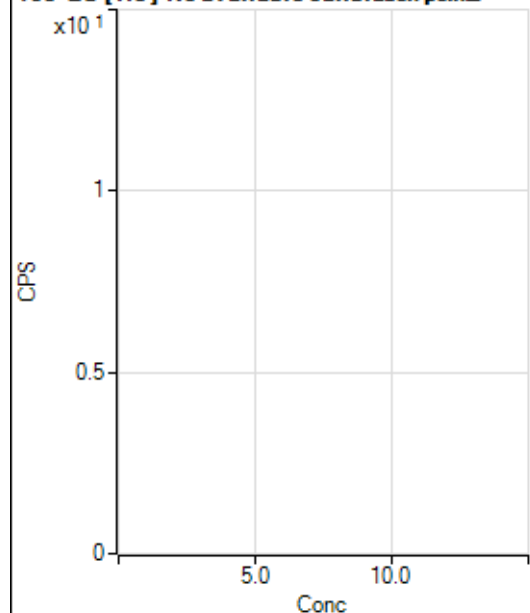
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.2
2	☐						
3	☐			11.11		P	86.6
4	☐			33.33		P	0.0
5	☐			33.33		P	109.0
6	☐			38.89		P	32.7
7	☐			47.22		P	36.7
8	☐			69.45		P	18.3
9	☐			88.90		P	14.3

156 Dy [He] No available calibration points

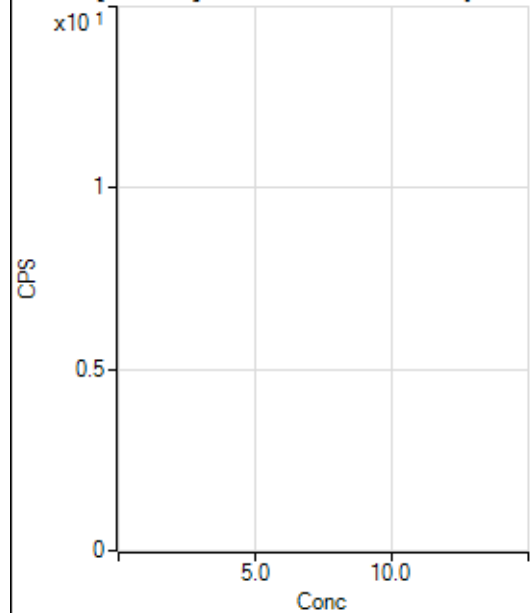
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			3.33		P	0.0
7	☐			6.67		P	100.0
8	☐			11.11		P	45.8
9	☐			14.45		P	26.7

160 Gd [No Gas] Noavailable calibration poin_

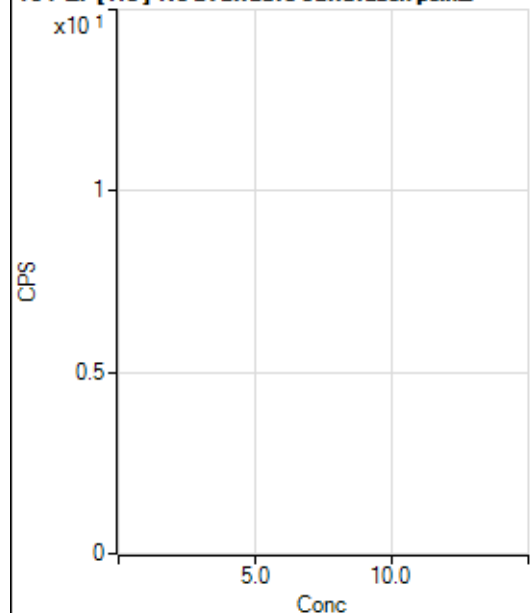
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐						
3	☐			47.22		P	44.4
4	☐			38.89		P	49.5
5	☐			55.56		P	37.8
6	☐			55.56		P	22.9
7	☐			55.56		P	8.7
8	☐			58.33		P	37.8
9	☐			94.45		P	28.4

160 Gd [He] No available calibration points

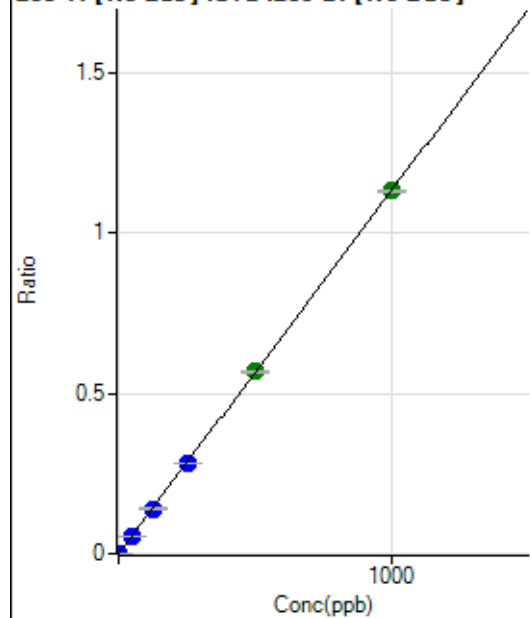
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			8.89		P	21.6
4	☐			3.33		P	0.0
5	☐			11.11		P	91.7
6	☐			5.55		P	69.3
7	☐			12.22		P	31.5
8	☐			10.00		P	33.3
9	☐			22.22		P	45.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			38.89		P	12.4
4	☐			30.56		P	83.3
5	☐			41.67		P	20.0
6	☐			44.45		P	92.5
7	☐			36.11		P	58.1
8	☐			44.45		P	47.2
9	☐			47.23		P	27.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			10.00		P	88.2
4	☐			4.44		P	173.2
5	☐			2.22		P	173.2
6	☐			6.67		P	50.0
7	☐			2.22		P	86.6
8	☐			3.33		P	173.2
9	☐			13.33		P	25.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	37.8
2	☐	0.100					
3	☐	1.000	0.960	6276.85	0.0011	P	1.9
4	☐	50.000	49.453	319918.05	0.0560	P	1.4
5	☐	125.000	124.278	800561.38	0.1406	P	1.5
6	☐	250.000	248.470	1603294.85	0.2811	P	1.4
7	☐	500.000	502.018	3261883.49	0.5680	A	0.8
8	☐	1000.000	999.491	6528110.87	1.1309	A	0.3
9	☐			3058.86	0.0006	P	7.2

$$y = 0.0011 * x + 1.2059E-005$$

$$R = 1.0000$$

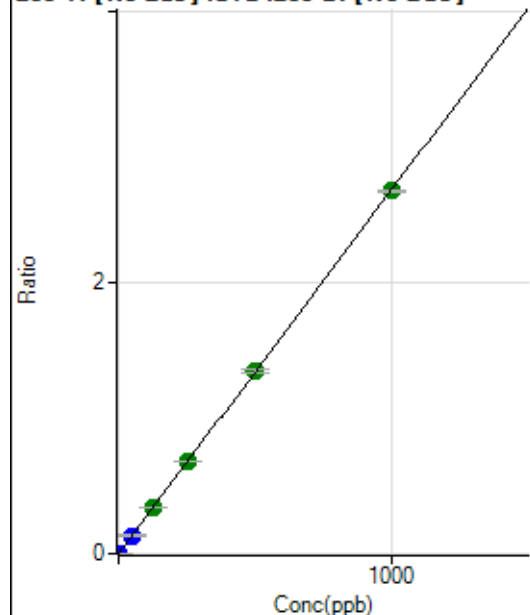
$$DL = 0.01207$$

$$BEC = 0.01066$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	10.3
2	☐	0.100					
3	☐	1.000	0.947	14647.96	0.0026	P	1.0
4	☐	50.000	49.955	765516.62	0.1339	P	1.6
5	☐	125.000	127.605	1947069.10	0.3420	A	2.0
6	☐	250.000	254.484	3890003.12	0.6821	A	1.3
7	☐	500.000	502.429	7733240.10	1.3467	A	1.2
8	☐	1000.000	997.341	15430973.61	2.6732	A	0.7
9	☐			7188.50	0.0013	P	11.7

$$y = 0.0027 * x + 2.3567E-005$$

$$R = 1.0000$$

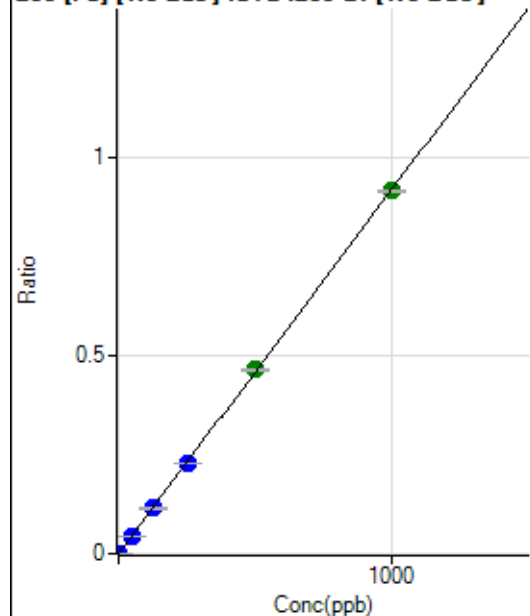
$$DL = 0.002714$$

$$BEC = 0.008793$$

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	179.64	0.0000	P	34.5
2	☐	0.100					
3	☐	1.000	0.890	4841.81	0.0008	P	4.2
4	☐	50.000	49.987	262363.03	0.0459	P	0.6
5	☐	125.000	124.999	653048.51	0.1147	P	2.0
6	☐	250.000	248.526	1300574.88	0.2281	P	1.6
7	☐	500.000	506.084	2666665.88	0.4644	A	1.4
8	☐	1000.000	997.327	5282482.64	0.9151	A	0.7
9	☐			9127.64	0.0017	P	1.9

$$y = 9.1755E-004 * x + 3.1097E-005$$

$$R = 1.0000$$

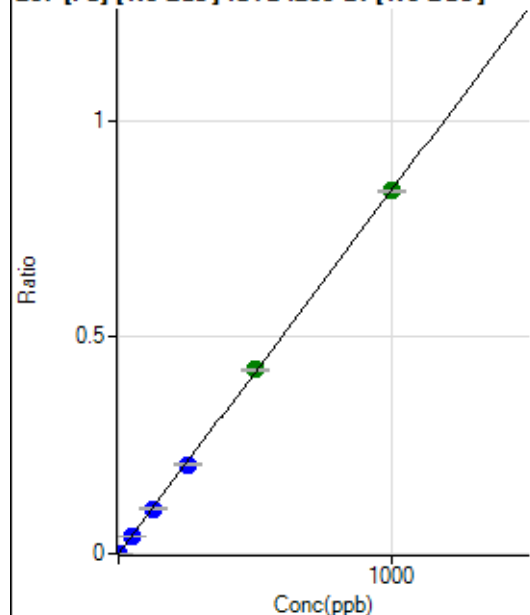
$$DL = 0.03512$$

$$BEC = 0.03389$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.86	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.913	4523.16	0.0008	P	3.4
4	☐	50.000	48.928	234647.03	0.0410	P	1.0
5	☐	125.000	123.488	589502.59	0.1036	P	2.2
6	☐	250.000	245.478	1173839.80	0.2058	P	1.4
7	☐	500.000	505.644	2434476.21	0.4240	A	1.9
8	☐	1000.000	998.551	4832913.01	0.8372	A	0.5
9	☐			7459.81	0.0014	P	4.3

$$y = 8.3842\text{E-}004 * x + 2.6307\text{E-}005$$

$$R = 1.0000$$

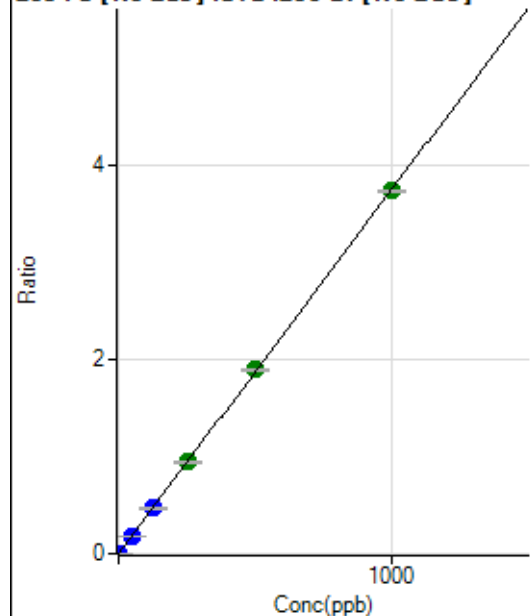
$$DL = 0.01331$$

$$BEC = 0.03138$$

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	700.03	0.0001	P	4.7
2	☐	0.100					
3	☐	1.000	0.918	20333.02	0.0036	P	2.3
4	☐	50.000	49.504	1060187.85	0.1855	P	0.8
5	☐	125.000	124.682	2657964.25	0.4669	P	2.1
6	☐	250.000	251.508	5370563.82	0.9418	A	1.6
7	☐	500.000	505.116	10860284.47	1.8913	A	1.6
8	☐	1000.000	997.130	21550945.56	3.7334	A	0.6
9	☐			35346.19	0.0066	P	2.8

$$y = 0.0037 * x + 1.2112\text{E-}004$$

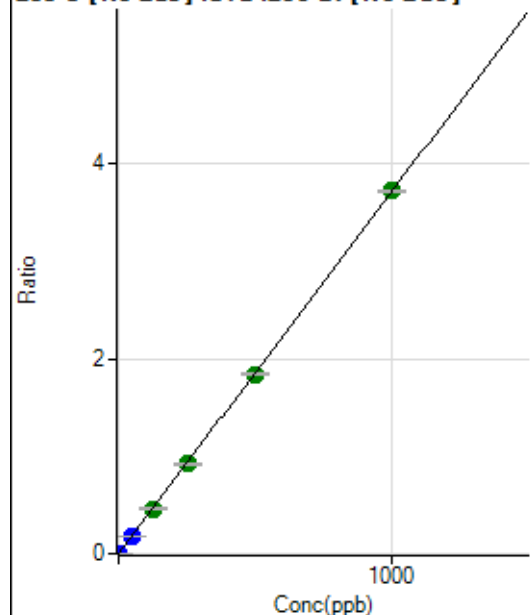
$$R = 1.0000$$

$$DL = 0.004552$$

$$BEC = 0.03235$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	79.1
2	☐	0.100					
3	☐	1.000	0.893	18962.51	0.0033	P	2.4
4	☐	50.000	48.576	1030286.34	0.1802	P	0.7
5	☐	125.000	124.862	2636971.98	0.4633	A	2.7
6	☐	250.000	247.431	5235027.29	0.9180	A	1.9
7	☐	500.000	494.762	10541431.75	1.8357	A	1.1
8	☐	1000.000	1003.350	21489225.48	3.7227	A	0.4
9	☐			3631.26	0.0007	P	0.5

$$y = 0.0037 * x + 3.8582E-006$$

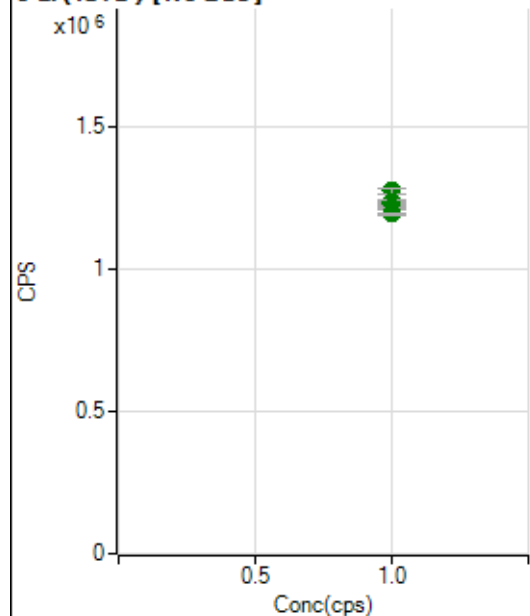
$$R = 1.0000$$

$$DL = 0.002466$$

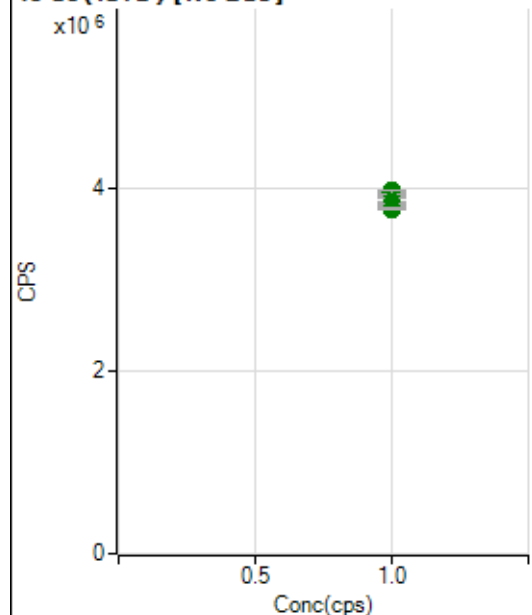
$$BEC = 0.00104$$

Weight: <None>

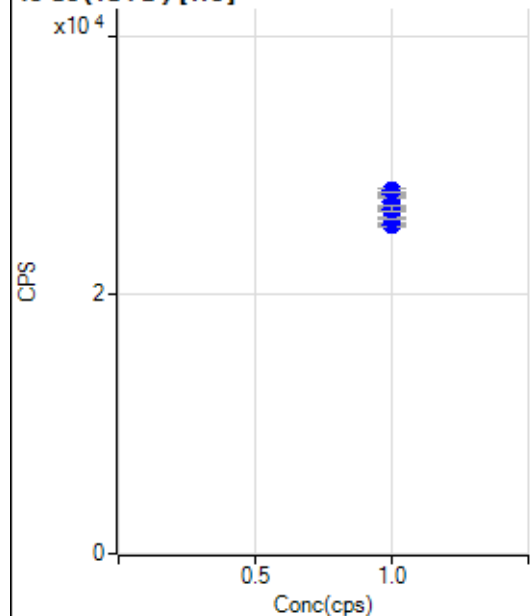
Min Conc: 0

6 Li (ISTD) [No Gas]

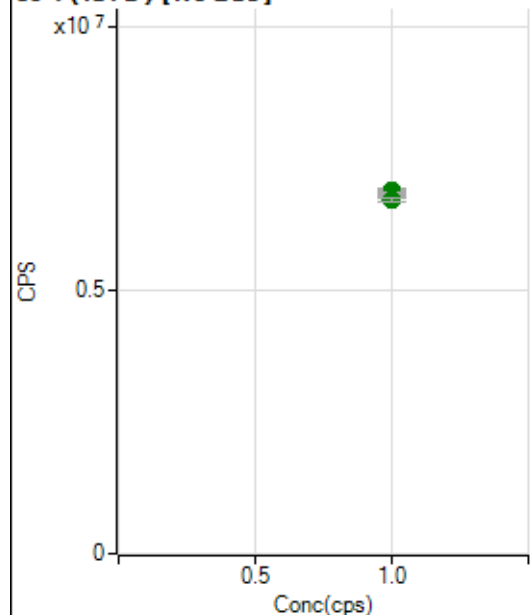
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1272306.54		A	1.3
2	☐	1.000					
3	☐	1.000		1227449.62		A	1.4
4	☐	1.000		1234434.96		A	0.7
5	☐	1.000		1227659.49		A	2.1
6	☐	1.000		1211920.22		A	0.5
7	☐	1.000		1206232.89		A	0.3
8	☐	1.000		1211377.35		A	0.2
9	☐	1.000		1190337.79		A	1.0

45 Sc (ISTD) [No Gas]

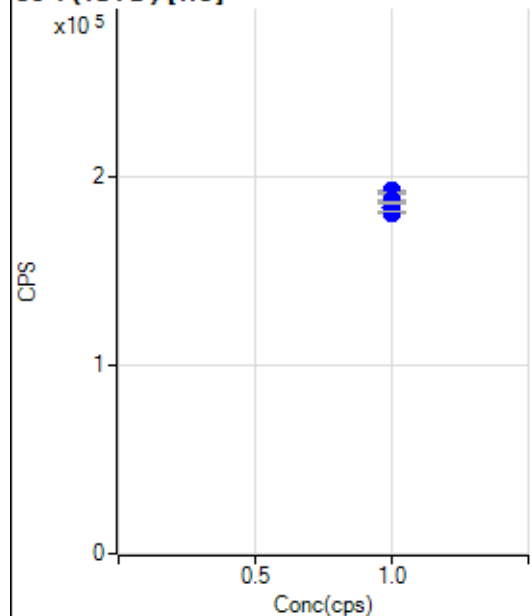
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3942655.82		A	1.2
2	☐	1.000					
3	☐	1.000		3966089.02		A	0.6
4	☐	1.000		3959131.64		A	1.0
5	☐	1.000		3854817.14		A	2.1
6	☐	1.000		3819132.90		A	1.4
7	☐	1.000		3776491.23		A	0.5
8	☐	1.000		3818446.09		A	0.2
9	☐	1.000		3768748.69		A	0.8

45 Sc (ISTD) [He]

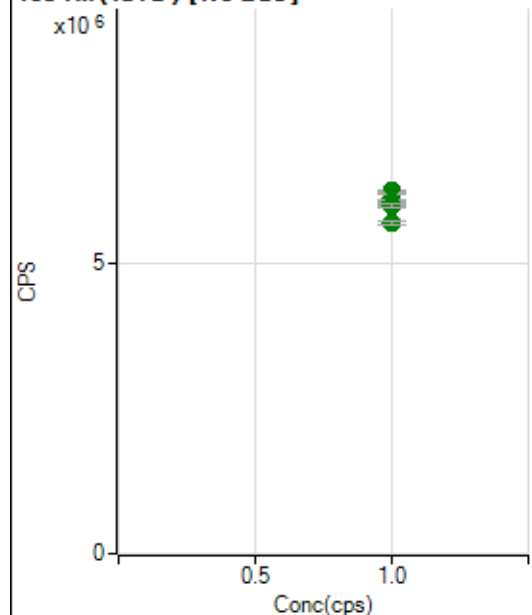
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28043.69		P	1.3
2	☐	1.000					
3	☐	1.000		27787.72		P	1.2
4	☐	1.000		27239.98		P	2.0
5	☐	1.000		26838.04		P	0.7
6	☐	1.000		26031.01		P	4.7
7	☐	1.000		25451.06		P	1.4
8	☐	1.000		25901.87		P	0.4
9	☐	1.000		26648.77		P	1.4

89 Y (ISTD) [No Gas]

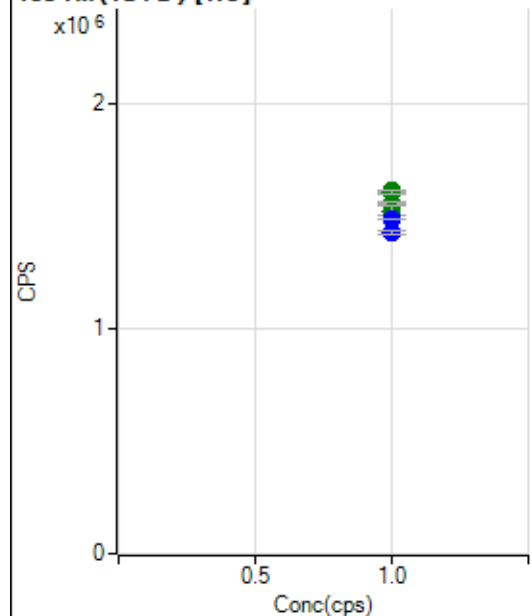
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6876782.12		A	0.9
2	☐	1.000					
3	☐	1.000		6894565.73		A	0.3
4	☐	1.000		6888656.70		A	1.1
5	☐	1.000		6840444.90		A	2.0
6	☐	1.000		6750521.08		A	1.5
7	☐	1.000		6764354.00		A	0.5
8	☐	1.000		6864868.79		A	0.5
9	☐	1.000		6721185.94		A	0.9

89 Y (ISTD) [He]

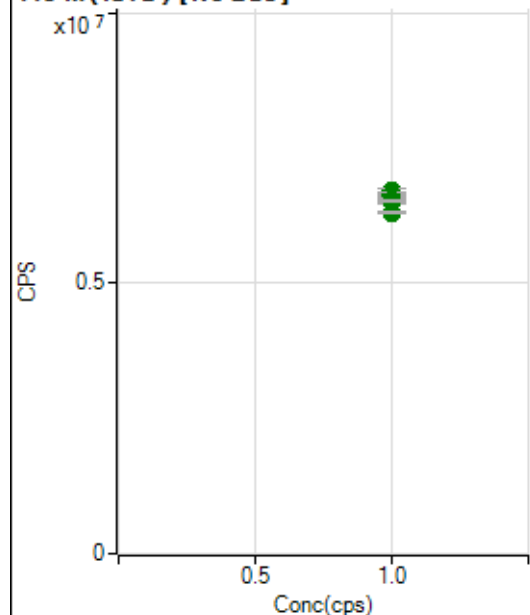
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		192048.59		P	0.3
2	☐	1.000					
3	☐	1.000		192834.10		P	0.2
4	☐	1.000		191347.59		P	0.4
5	☐	1.000		187607.11		P	0.9
6	☐	1.000		183753.71		P	2.3
7	☐	1.000		181178.84		P	0.8
8	☐	1.000		182013.95		P	0.3
9	☐	1.000		186875.65		P	0.6

103 Rh (ISTD) [No Gas]

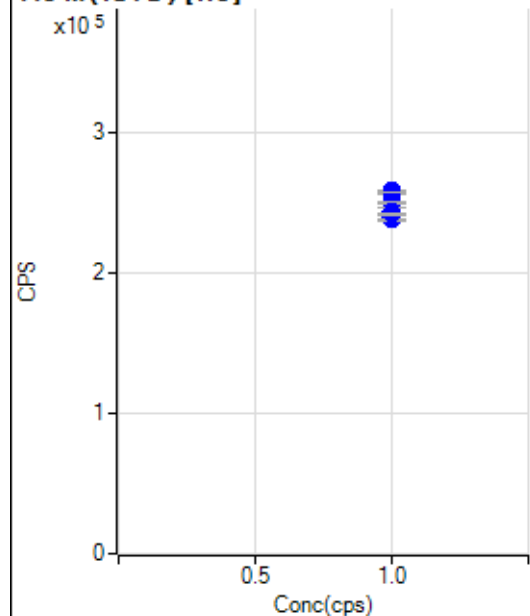
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6251170.19		A	1.1
2	☐	1.000					
3	☐	1.000		6261441.59		A	0.4
4	☐	1.000		6208765.94		A	0.6
5	☐	1.000		6141513.16		A	1.7
6	☐	1.000		6068134.34		A	1.3
7	☐	1.000		6011811.90		A	0.3
8	☐	1.000		5997501.87		A	1.0
9	☐	1.000		5708095.79		A	1.0

103 Rh (ISTD) [He]

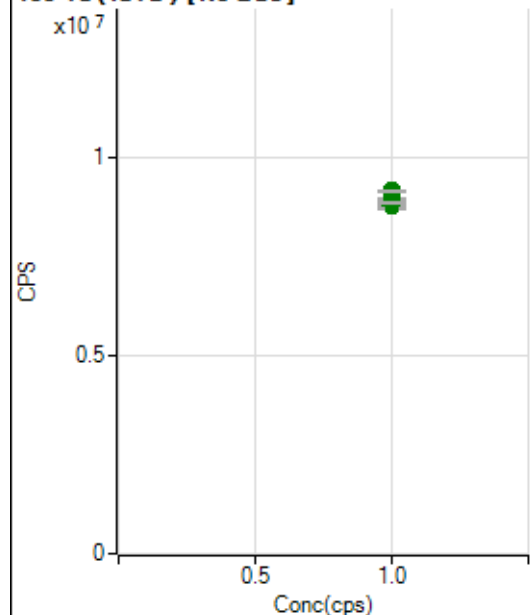
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1606462.27		A	1.4
2	☐	1.000					
3	☐	1.000		1610533.07		A	0.6
4	☐	1.000		1602736.33		A	1.1
5	☐	1.000		1557362.44		A	0.4
6	☐	1.000		1523598.24		A	2.5
7	☐	1.000		1485942.50		P	0.4
8	☐	1.000		1488158.43		P	0.1
9	☐	1.000		1426396.09		P	1.2

115 In (ISTD) [No Gas]

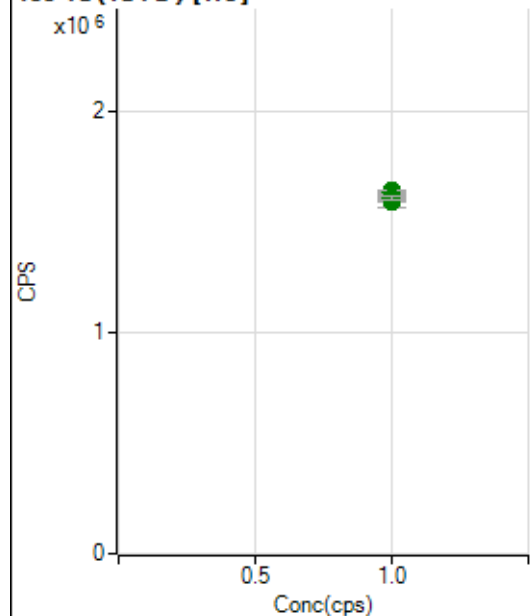
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6712974.93		A	1.1
2	☐	1.000					
3	☐	1.000		6634040.65		A	0.2
4	☐	1.000		6662675.55		A	0.8
5	☐	1.000		6622800.51		A	1.7
6	☐	1.000		6522106.14		A	1.9
7	☐	1.000		6496795.31		A	1.1
8	☐	1.000		6536176.29		A	0.8
9	☐	1.000		6308919.53		A	0.3

115 In (ISTD) [He]

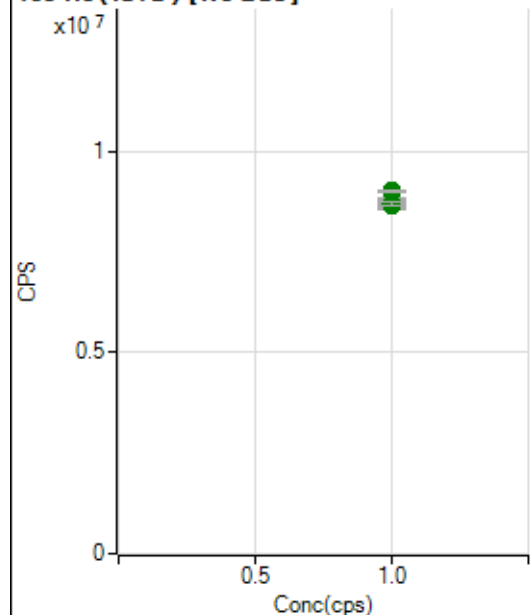
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		256964.64		P	0.3
2	☐	1.000					
3	☐	1.000		258990.37		P	0.3
4	☐	1.000		257959.24		P	0.3
5	☐	1.000		251099.11		P	0.6
6	☐	1.000		244307.76		P	2.5
7	☐	1.000		239801.45		P	1.0
8	☐	1.000		238327.89		P	0.3
9	☐	1.000		242660.67		P	0.8

159 Tb (ISTD) [No Gas]

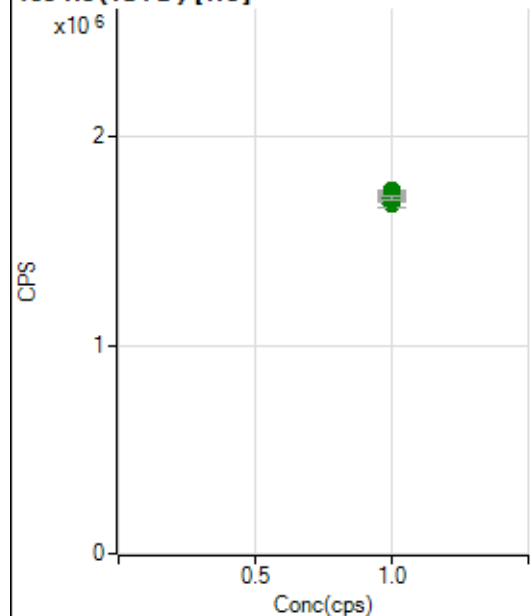
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8834805.08		A	1.2
2	☐	1.000					
3	☐	1.000		8798925.22		A	0.7
4	☐	1.000		8838841.12		A	0.4
5	☐	1.000		8811715.70		A	2.3
6	☐	1.000		8830417.71		A	1.4
7	☐	1.000		8962855.42		A	0.6
8	☐	1.000		9168360.07		A	0.4
9	☐	1.000		8871628.55		A	0.5

159 Tb (ISTD) [He]

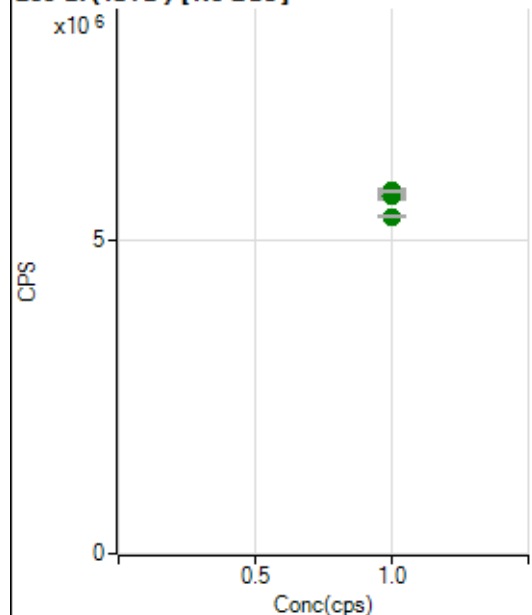
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1634580.86		A	0.2
2	☐	1.000					
3	☐	1.000		1625899.84		A	0.3
4	☐	1.000		1641110.03		A	0.4
5	☐	1.000		1637877.75		A	1.1
6	☐	1.000		1588754.91		A	2.8
7	☐	1.000		1595368.62		A	0.9
8	☐	1.000		1602352.55		A	0.6
9	☐	1.000		1605359.80		A	1.1

165 Ho (ISTD) [No Gas]

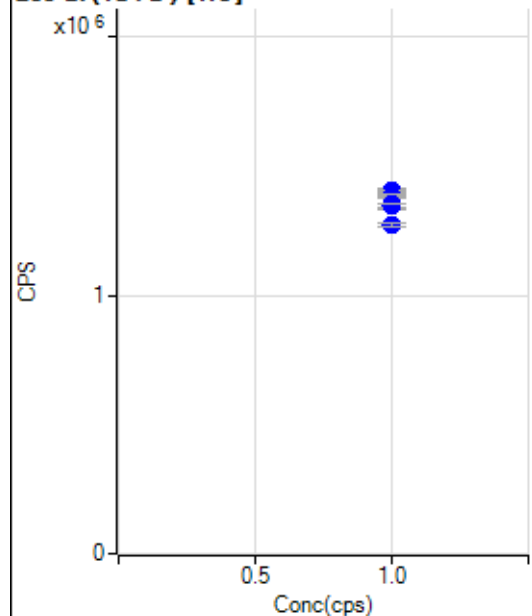
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8627220.24		A	1.3
2	☐	1.000					
3	☐	1.000		8622295.77		A	0.8
4	☐	1.000		8718656.27		A	1.2
5	☐	1.000		8630641.16		A	2.0
6	☐	1.000		8636613.13		A	1.1
7	☐	1.000		8794152.89		A	0.5
8	☐	1.000		9012163.40		A	0.9
9	☐	1.000		8715747.85		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1740841.40		A	0.8
2	☐	1.000					
3	☐	1.000		1720609.35		A	1.1
4	☐	1.000		1723822.23		A	0.7
5	☐	1.000		1711085.17		A	1.1
6	☐	1.000		1681319.06		A	2.2
7	☐	1.000		1699794.39		A	1.1
8	☐	1.000		1709572.02		A	0.2
9	☐	1.000		1706044.77		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5779872.83		A	1.5
2	☐	1.000					
3	☐	1.000		5715110.26		A	0.6
4	☐	1.000		5716508.94		A	0.6
5	☐	1.000		5693639.64		A	1.7
6	☐	1.000		5703491.24		A	1.5
7	☐	1.000		5742738.04		A	0.9
8	☐	1.000		5772524.92		A	0.5
9	☐	1.000		5376342.28		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1403765.29		P	1.2
2	☐	1.000					
3	☐	1.000		1405074.49		P	0.4
4	☐	1.000		1404149.06		P	0.7
5	☐	1.000		1387052.95		P	0.4
6	☐	1.000		1354705.78		P	3.0
7	☐	1.000		1348529.98		P	0.9
8	☐	1.000		1353296.07		P	0.1
9	☐	1.000		1275233.91		P	1.3

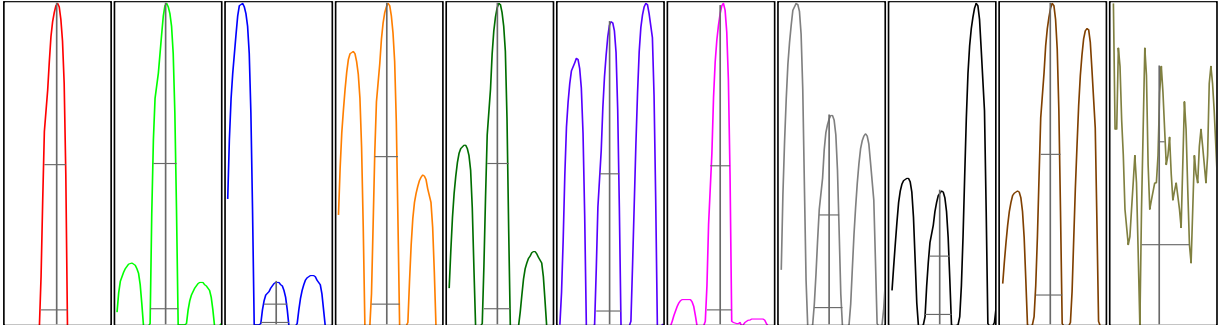
US EPA Tune Check Sample Report

Batch Folder D:\P8082318 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5961	0.73	5.00	
24	293911	0.19	5.00	
25	39557	0.39	5.00	
26	45842	0.32	5.00	
59	60120	0.60	5.00	
113	8880	0.68	5.00	
115	113301	1.83	5.00	
206	26358	1.43	5.00	
207	24320	1.82	5.00	
208	57364	1.78	5.00	
220	1	22.96		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5914	5931	6007	5945	6006
24	293212	294323	294099	293442	294480
25	39416	39460	39729	39457	39724
26	45859	45591	45872	45908	45983
59	59866	59749	60088	60221	60676
113	8904	8798	8953	8901	8842
115	114274	113568	116096	111652	110913
206	26249	25996	26679	26041	26828
207	24183	23884	24551	24009	24974
208	56836	56633	58162	56449	58741
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10178	9.00	8.9 - 9.1		0.779	0.900	
24	486792	23.95	23.9 - 24.1		0.786	0.900	
25	65364	24.95	24.9 - 25.1		0.786	0.900	
26	76776	25.95	25.9 - 26.1		0.806	0.900	
59	105471	58.95	58.9 - 59.1		0.778	0.900	
113	16723	113.00	112.9 - 113.1		0.731	0.900	
115	212203	115.00	114.9 - 115.1		0.730	0.900	
206	48100	205.95	205.9 - 206.1		0.778	0.900	
207	43784	206.95	206.9 - 207.1		0.736	0.900	
208	105028	207.95	207.9 - 208.1		0.751	0.900	
220	1	219.90	-		1.365		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	13.6	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	7287	0.49	
89	5697	0.40	
205	11644	0.22	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7243	7282	7342	7280	7288
89	5715	5707	5671	5719	5675
205	11641	11642	11642	11612	11683

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	2.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:30:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.65	0.81	-0.16	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.01	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	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.07	0.13	-0.20	0.00	N/A	ppb
Boron	10-1	0.19	-0.09	-0.10	0.00	N/A	ppb
Cadmium	106-1	0.86	-0.44	-0.42	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.05	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	2.75	-3.21	0.47	0.00	N/A	ppb
Calcium	44-1	-1.46	0.81	0.65	0.00	N/A	ppb
Chromium	52-2	0.07	-0.02	-0.05	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.02	0.03	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	0.18	-0.18	0.00	0.00	N/A	ppb
Iron	57-2	-0.64	2.31	-1.67	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.04	-0.74	-1.31	0.00	N/A	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:30:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.10	-0.13	0.00	N/A	ppb
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	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	0.05	0.00	N/A	ppb
Phosphorus	31-2	36.45	-18.00	-18.00	0.15	21027.50	ppb
Potassium	39-2	-4.98	-2.51	7.49	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.45	-0.72	-0.72	0.00	N/A	ppb
Selenium	82-1	-0.39	-0.27	0.66	0.00	N/A	ppb
Silicon	28-1	1.97	-1.92	-0.05	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-4.97	1.23	3.75	0.00	N/A	ppb
Strontium	86-1	0.00	-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	315.53	-244.75	151.48	74.09	388.79	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.03	0.02	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.04	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.08	0.20	-0.12	0.00	N/A	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:30:38	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:38:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.15	16.37	14.23	14.59	11.23	ppb
Antimony	121-1	1.96	1.91	1.84	1.90	3.12	ppb
Arsenic	75-2	0.91	0.93	1.13	0.99	12.31	ppb
Barium	135-1	9.63	9.77	9.84	9.75	1.10	ppb
Barium	137-1	9.68	9.58	9.73	9.66	0.79	ppb
Beryllium	9-1	0.97	0.95	0.91	0.94	2.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	11-1	23.06	23.46	23.75	23.42	1.50	ppb
Boron	10-1	21.61	21.67	22.81	22.03	3.08	ppb
Cadmium	106-1	1.20	1.92	2.04	1.72	26.28	ppb
Cadmium	108-1	0.98	0.80	0.92	0.90	10.20	ppb
Cadmium	111-1	0.92	1.05	1.08	1.01	8.74	ppb
Calcium	43-1	449.11	428.33	429.84	435.76	2.66	ppb
Calcium	44-1	440.78	434.28	442.73	439.26	1.01	ppb
Chromium	52-2	2.13	2.00	2.12	2.08	3.59	ppb
Cobalt	59-2	0.95	0.98	0.98	0.97	1.52	ppb
Copper	63-2	1.90	1.98	1.94	1.94	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	50.65	49.54	50.36	50.18	1.14	ppb
Iron	57-2	55.41	48.26	37.55	47.07	19.10	ppb
Krypton	83-1						cps
Lead	207-1	0.88	0.93	0.93	0.91	3.51	ppb
Lead	208-1	0.89	0.94	0.92	0.92	2.37	ppb
Lead	206-1	0.86	0.93	0.87	0.89	4.38	ppb
Lithium	6-1				96		%
Magnesium	24-2	455.61	439.31	485.92	460.28	5.14	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:38:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.86	1.11	1.03	1.00	12.95	ppb
Molybdenum	94-1	4.71	4.41	4.53	4.55	3.34	ppb
Molybdenum	95-1	4.83	4.64	4.60	4.69	2.63	ppb
Molybdenum	96-1	4.62	4.87	4.63	4.71	3.02	ppb
Molybdenum	97-1	4.59	4.91	4.71	4.74	3.42	ppb
Molybdenum	98-1	4.71	4.74	4.96	4.80	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.05	1.04	1.09	7.28	ppb
Phosphorus	31-2	-18.00	35.55	-18.00	-0.15		ppb
Potassium	39-2	459.71	459.83	518.99	479.51	7.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	6.60	13.25	0.00	6.62	100.11	ppb
Selenium	78-2	1.43	3.60	5.77	3.60	60.27	ppb
Selenium	82-1	5.75	5.15	5.22	5.38	6.01	ppb
Silicon	28-1	17.36	14.98	15.82	16.05	7.54	ppb
Silver	109-1	0.97	1.05	1.01	1.01	3.65	ppb
Silver	107-1	0.97	1.00	1.07	1.01	5.01	ppb
Sodium	23-2	484.89	479.36	496.01	486.75	1.74	ppb
Strontium	86-1	0.97	1.03	0.96	0.99	3.94	ppb
Strontium	88-1	1.00	1.01	0.92	0.98	5.50	ppb
Sulfur	34-1	-147.60	-57.62	-17.05	-74.09		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.98	0.94	0.96	0.96	1.91	ppb
Thallium	205-1	0.94	0.94	0.96	0.95	1.04	ppb
Tin	118-1	4.58	4.63	4.76	4.65	2.00	ppb
Titanium	47-1	4.71	4.76	4.68	4.72	0.85	ppb
Uranium	238-1	0.87	0.91	0.90	0.89	2.36	ppb
Vanadium	51-2	4.57	4.73	4.74	4.68	2.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.51	2.42	1.96	1.96	23.26	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:38:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.90	0.92	0.91	0.63	ppb
Zirconium	91-1	0.89	0.93	0.85	0.89	4.46	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:41:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1038.61	998.72	999.70	1012.34	2.25	ppb
Antimony	121-1	50.98	51.08	51.08	51.05	0.12	ppb
Arsenic	75-2	49.98	49.78	51.90	50.55	2.31	ppb
Barium	135-1	257.96	256.82	256.63	257.14	0.28	ppb
Barium	137-1	260.72	258.99	257.85	259.19	0.56	ppb
Beryllium	9-1	53.66	53.45	52.63	53.25	1.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	11-1	49.96	50.58	52.46	51.00	2.55	ppb
Boron	10-1	50.31	51.23	53.05	51.53	2.71	ppb
Cadmium	106-1	52.94	56.16	53.97	54.35	3.03	ppb
Cadmium	108-1	52.24	53.72	54.53	53.50	2.18	ppb
Cadmium	111-1	53.11	52.64	52.15	52.63	0.91	ppb
Calcium	43-1	4854.54	4755.85	4849.99	4820.13	1.16	ppb
Calcium	44-1	4962.52	4940.08	4907.13	4936.58	0.56	ppb
Chromium	52-2	53.30	50.74	52.05	52.03	2.46	ppb
Cobalt	59-2	52.58	51.40	51.75	51.91	1.16	ppb
Copper	63-2	106.16	101.44	104.16	103.92	2.28	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				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2665.70	2561.33	2628.40	2618.48	2.02	ppb
Iron	57-2	2586.38	2497.44	2494.55	2526.12	2.07	ppb
Krypton	83-1						cps
Lead	207-1	48.45	49.44	48.89	48.93	1.02	ppb
Lead	208-1	49.11	49.89	49.51	49.50	0.78	ppb
Lead	206-1	49.82	50.30	49.84	49.99	0.55	ppb
Lithium	6-1				97		%
Magnesium	24-2	5519.64	5248.48	5357.47	5375.20	2.54	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:41:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.93	100.71	101.88	102.84	2.66	ppb
Molybdenum	94-1	252.84	254.26	251.04	252.71	0.64	ppb
Molybdenum	95-1	253.11	253.96	251.25	252.77	0.55	ppb
Molybdenum	96-1	250.79	252.95	247.33	250.36	1.13	ppb
Molybdenum	97-1	250.05	251.34	248.90	250.10	0.49	ppb
Molybdenum	98-1	251.95	256.02	250.67	252.88	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.58	51.60	52.98	52.72	1.92	ppb
Phosphorus	31-2	971.30	1041.01	1420.99	1144.43	21.15	ppb
Potassium	39-2	2603.57	2415.78	2462.44	2493.93	3.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	60.23	53.14	80.14	64.51	21.70	ppb
Selenium	78-2	47.33	50.23	43.97	47.18	6.64	ppb
Selenium	82-1	52.41	53.28	50.57	52.09	2.65	ppb
Silicon	28-1	63.91	62.11	61.12	62.38	2.26	ppb
Silver	109-1	53.81	53.51	53.08	53.47	0.69	ppb
Silver	107-1	53.00	53.02	53.07	53.03	0.08	ppb
Sodium	23-2	5321.03	5098.61	5185.36	5201.67	2.16	ppb
Strontium	86-1	50.46	50.97	50.40	50.61	0.62	ppb
Strontium	88-1	50.69	51.15	50.55	50.80	0.61	ppb
Sulfur	34-1	1089.39	1087.82	596.27	924.49	30.75	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	48.73	50.16	49.47	49.45	1.44	ppb
Thallium	205-1	49.16	50.73	49.97	49.96	1.57	ppb
Tin	118-1	51.69	50.76	50.79	51.08	1.03	ppb
Titanium	47-1	252.85	254.38	246.99	251.41	1.55	ppb
Uranium	238-1	48.21	48.87	48.65	48.58	0.69	ppb
Vanadium	51-2	52.78	50.09	50.59	51.15	2.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	110.87	106.82	106.37	108.02	2.30	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:41:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.71	50.43	49.39	49.84	1.07	ppb
Zirconium	91-1	48.74	49.33	49.14	49.07	0.62	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:45:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2469.56	2383.04	2452.51	2435.04	1.88	ppb
Antimony	121-1	128.65	132.46	127.53	129.55	1.99	ppb
Arsenic	75-2	127.99	128.28	130.80	129.02	1.20	ppb
Barium	135-1	648.68	665.50	637.41	650.53	2.17	ppb
Barium	137-1	657.58	668.71	647.75	658.01	1.59	ppb
Beryllium	9-1	128.92	133.85	129.99	130.92	1.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	120.74	131.91	124.59	125.75	4.51	ppb
Boron	10-1	118.35	123.45	129.90	123.90	4.67	ppb
Cadmium	106-1	133.39	134.73	130.40	132.84	1.67	ppb
Cadmium	108-1	133.71	137.43	129.50	133.55	2.97	ppb
Cadmium	111-1	132.04	134.72	128.03	131.60	2.56	ppb
Calcium	43-1	12411.13	12613.88	12149.65	12391.55	1.88	ppb
Calcium	44-1	12363.48	12701.84	12225.32	12430.21	1.97	ppb
Chromium	52-2	127.09	127.52	129.25	127.96	0.89	ppb
Cobalt	59-2	127.65	129.10	128.48	128.41	0.57	ppb
Copper	63-2	255.19	258.02	256.54	256.58	0.55	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				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	6463.45	6588.17	6489.83	6513.82	1.01	ppb
Iron	57-2	6165.77	6328.44	6291.49	6261.90	1.36	ppb
Krypton	83-1						cps
Lead	207-1	122.66	126.48	121.32	123.49	2.17	ppb
Lead	208-1	124.47	127.35	122.22	124.68	2.06	ppb
Lead	206-1	124.81	127.63	122.56	125.00	2.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	13292.78	13302.88	13195.56	13263.74	0.45	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:45:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.51	256.47	254.36	254.44	0.78	ppb
Molybdenum	94-1	643.11	677.95	632.49	651.19	3.65	ppb
Molybdenum	95-1	643.65	659.56	638.97	647.40	1.67	ppb
Molybdenum	96-1	634.65	656.27	637.85	642.92	1.81	ppb
Molybdenum	97-1	619.78	648.03	625.07	630.96	2.38	ppb
Molybdenum	98-1	633.70	657.55	630.14	640.46	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.66	131.59	129.59	129.95	1.15	ppb
Phosphorus	31-2	2521.45	2724.09	2627.36	2624.30	3.86	ppb
Potassium	39-2	6203.64	6237.34	6170.91	6203.96	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	87.73	108.66	116.83	104.41	14.38	ppb
Selenium	78-2	124.85	107.91	124.89	119.22	8.22	ppb
Selenium	82-1	129.57	133.12	128.08	130.26	1.99	ppb
Silicon	28-1	157.24	162.52	154.57	158.11	2.56	ppb
Silver	109-1	133.38	137.26	131.71	134.12	2.12	ppb
Silver	107-1	131.69	137.46	129.76	132.97	3.01	ppb
Sodium	23-2	12709.23	12851.38	12787.33	12782.65	0.56	ppb
Strontium	86-1	126.52	129.78	124.33	126.88	2.16	ppb
Strontium	88-1	129.19	132.07	126.87	129.38	2.01	ppb
Sulfur	34-1	2411.58	2935.03	2125.93	2490.85	16.47	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	123.37	126.47	122.99	124.28	1.54	ppb
Thallium	205-1	127.23	130.28	125.30	127.60	1.97	ppb
Tin	118-1	128.42	132.51	127.58	129.50	2.04	ppb
Titanium	47-1	628.77	648.28	627.32	634.79	1.84	ppb
Uranium	238-1	124.44	128.37	121.78	124.86	2.65	ppb
Vanadium	51-2	124.30	125.28	127.38	125.65	1.25	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	254.80	264.86	259.32	259.66	1.94	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:45:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.11	130.23	126.35	127.89	1.61	ppb
Zirconium	91-1	124.15	129.28	123.66	125.70	2.48	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4770.45	5075.97	4685.65	4844.02	4.24	ppb
Antimony	121-1	260.33	264.01	256.04	260.13	1.53	ppb
Arsenic	75-2	247.34	260.04	249.26	252.22	2.71	ppb
Barium	135-1	1311.34	1313.45	1299.77	1308.19	0.56	ppb
Barium	137-1	1300.36	1309.77	1279.78	1296.64	1.18	ppb
Beryllium	9-1	259.84	260.82	257.83	259.49	0.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	11-1	244.48	255.99	258.14	252.87	2.90	ppb
Boron	10-1	246.07	251.91	258.68	252.22	2.50	ppb
Cadmium	106-1	254.66	261.05	259.82	258.51	1.31	ppb
Cadmium	108-1	257.87	261.78	254.69	258.11	1.38	ppb
Cadmium	111-1	258.68	261.92	254.05	258.21	1.53	ppb
Calcium	43-1	24723.18	24348.97	24102.21	24391.45	1.28	ppb
Calcium	44-1	24796.82	24360.70	23931.89	24363.14	1.78	ppb
Chromium	52-2	247.71	270.25	247.83	255.26	5.08	ppb
Cobalt	59-2	247.76	271.32	248.92	256.00	5.19	ppb
Copper	63-2	498.82	541.25	496.45	512.17	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	12549.60	13550.25	12417.88	12839.24	4.82	ppb
Iron	57-2	12337.43	13210.30	12104.93	12550.89	4.64	ppb
Krypton	83-1						cps
Lead	207-1	248.84	245.52	242.07	245.48	1.38	ppb
Lead	208-1	255.84	250.96	247.72	251.51	1.63	ppb
Lead	206-1	253.14	246.81	245.62	248.53	1.63	ppb
Lithium	6-1				95		%
Magnesium	24-2	25672.22	27702.41	25709.09	26361.24	4.41	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	495.42	541.34	502.04	512.94	4.84	ppb
Molybdenum	94-1	1289.90	1296.95	1250.78	1279.21	1.94	ppb
Molybdenum	95-1	1295.08	1285.00	1253.07	1277.72	1.72	ppb
Molybdenum	96-1	1291.52	1276.69	1245.62	1271.27	1.84	ppb
Molybdenum	97-1	1305.33	1301.39	1267.88	1291.53	1.59	ppb
Molybdenum	98-1	1277.70	1286.81	1252.97	1272.49	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.92	269.23	250.07	256.07	4.45	ppb
Phosphorus	31-2	5091.80	5956.74	5141.22	5396.59	9.00	ppb
Potassium	39-2	12171.91	12950.89	12015.43	12379.41	4.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	253.30	206.99	219.67	226.65	10.56	ppb
Selenium	78-2	260.73	280.03	208.78	249.85	14.75	ppb
Selenium	82-1	260.78	258.39	253.14	257.44	1.52	ppb
Silicon	28-1	278.83	276.06	266.54	273.81	2.36	ppb
Silver	109-1	270.31	265.92	261.19	265.81	1.71	ppb
Silver	107-1	266.45	268.30	260.62	265.12	1.51	ppb
Sodium	23-2	25510.07	27568.53	25254.55	26111.05	4.86	ppb
Strontium	86-1	256.61	256.00	248.94	253.85	1.68	ppb
Strontium	88-1	258.65	258.82	251.97	256.48	1.52	ppb
Sulfur	34-1	5191.78	4882.77	4402.10	4825.55	8.25	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	251.17	249.83	244.41	248.47	1.44	ppb
Thallium	205-1	257.78	254.36	251.32	254.48	1.27	ppb
Tin	118-1	255.86	256.14	251.84	254.61	0.94	ppb
Titanium	47-1	1281.34	1268.38	1250.94	1266.88	1.20	ppb
Uranium	238-1	251.83	248.04	242.42	247.43	1.91	ppb
Vanadium	51-2	250.00	267.14	248.97	255.37	4.00	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	497.07	550.03	497.40	514.84	5.92	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:49:15	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	261.21	256.83	249.72	255.92	2.27	ppb
Zirconium	91-1	253.86	252.00	244.41	250.09	2.00	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:52:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9777.01	9779.38	9483.64	9680.01	1.76	ppb
Antimony	121-1	506.57	517.34	506.30	510.07	1.23	ppb
Arsenic	75-2	502.56	510.03	506.94	506.51	0.74	ppb
Barium	135-1	2565.42	2578.44	2533.44	2559.10	0.90	ppb
Barium	137-1	2532.71	2537.55	2514.22	2528.16	0.49	ppb
Beryllium	9-1	504.74	507.18	504.76	505.56	0.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	492.12	503.48	509.56	501.72	1.76	ppb
Boron	10-1	498.67	500.20	509.00	502.62	1.11	ppb
Cadmium	106-1	511.54	511.91	516.79	513.41	0.57	ppb
Cadmium	108-1	514.06	512.64	506.88	511.19	0.74	ppb
Cadmium	111-1	505.21	507.10	501.04	504.45	0.61	ppb
Calcium	43-1	48909.22	48735.93	48270.72	48638.62	0.68	ppb
Calcium	44-1	48531.00	49094.18	48253.00	48626.06	0.88	ppb
Chromium	52-2	510.61	513.25	500.28	508.05	1.35	ppb
Cobalt	59-2	510.04	517.94	504.98	510.99	1.28	ppb
Copper	63-2	1027.20	1032.96	1000.60	1020.26	1.69	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				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	25612.04	25865.34	24870.13	25449.17	2.03	ppb
Iron	57-2	25158.40	25502.25	24676.67	25112.44	1.65	ppb
Krypton	83-1						cps
Lead	207-1	505.16	515.40	496.37	505.64	1.88	ppb
Lead	208-1	504.05	513.59	497.71	505.12	1.58	ppb
Lead	206-1	507.26	512.28	498.71	506.08	1.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	52469.94	53129.57	51501.55	52367.02	1.56	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:52:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.00	1031.98	993.23	1012.40	1.91	ppb
Molybdenum	94-1	2499.45	2523.01	2509.05	2510.50	0.47	ppb
Molybdenum	95-1	2500.56	2533.72	2503.52	2512.60	0.73	ppb
Molybdenum	96-1	2503.42	2530.64	2514.76	2516.27	0.54	ppb
Molybdenum	97-1	2510.50	2569.48	2518.44	2532.81	1.26	ppb
Molybdenum	98-1	2506.93	2541.56	2520.95	2523.15	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.99	518.18	502.26	511.14	1.59	ppb
Phosphorus	31-2	10294.26	10454.22	9969.38	10239.29	2.41	ppb
Potassium	39-2	24375.78	24528.61	23641.88	24182.09	1.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	461.76	504.97	477.95	481.56	4.53	ppb
Selenium	78-2	532.55	499.60	538.47	523.54	4.00	ppb
Selenium	82-1	507.09	509.68	501.38	506.05	0.84	ppb
Silicon	28-1	522.57	529.90	519.37	523.94	1.03	ppb
Silver	109-1	512.58	513.05	512.48	512.70	0.06	ppb
Silver	107-1	514.76	509.49	509.10	511.12	0.62	ppb
Sodium	23-2	52383.57	52111.73	51219.38	51904.89	1.17	ppb
Strontium	86-1	499.98	503.04	502.79	501.94	0.34	ppb
Strontium	88-1	500.78	503.52	503.44	502.58	0.31	ppb
Sulfur	34-1	9865.64	10358.12	9622.94	9948.90	3.77	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	501.70	506.33	498.02	502.02	0.83	ppb
Thallium	205-1	500.38	509.11	497.79	502.43	1.18	ppb
Tin	118-1	507.41	512.01	509.21	509.54	0.46	ppb
Titanium	47-1	2553.64	2538.80	2529.42	2540.62	0.48	ppb
Uranium	238-1	495.90	499.40	488.98	494.76	1.07	ppb
Vanadium	51-2	507.91	511.60	493.95	504.49	1.85	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1033.78	1037.67	1005.31	1025.59	1.72	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:52:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.26	499.90	503.54	502.90	0.54	ppb
Zirconium	91-1	497.41	501.03	494.74	497.73	0.63	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:56:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18677.43	18935.86	19068.31	18893.87	1.05	ppb
Antimony	121-1	1002.64	987.87	984.93	991.81	0.96	ppb
Arsenic	75-2	993.50	992.45	1001.03	995.66	0.47	ppb
Barium	135-1	4993.83	4905.90	4957.35	4952.36	0.89	ppb
Barium	137-1	4952.12	4961.59	4995.31	4969.67	0.46	ppb
Beryllium	9-1	994.69	996.33	990.81	993.94	0.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	980.68	1001.80	1012.47	998.32	1.62	ppb
Boron	10-1	980.95	995.67	1018.19	998.27	1.88	ppb
Cadmium	106-1	994.39	980.69	994.82	989.97	0.81	ppb
Cadmium	108-1	989.17	989.47	994.76	991.13	0.32	ppb
Cadmium	111-1	988.73	999.68	995.89	994.77	0.56	ppb
Calcium	43-1	97070.08	96920.27	97903.47	97297.94	0.54	ppb
Calcium	44-1	95596.61	96184.94	96479.70	96087.08	0.47	ppb
Chromium	52-2	992.62	991.01	998.93	994.19	0.42	ppb
Cobalt	59-2	988.32	991.18	997.95	992.49	0.50	ppb
Copper	63-2	1994.11	1967.63	1995.69	1985.81	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	49807.28	49724.53	50159.06	49896.96	0.46	ppb
Iron	57-2	49139.85	48904.24	49538.76	49194.28	0.65	ppb
Krypton	83-1						cps
Lead	207-1	996.69	1004.19	994.78	998.55	0.50	ppb
Lead	208-1	991.00	1002.30	998.09	997.13	0.57	ppb
Lead	206-1	989.55	1001.69	1000.74	997.33	0.68	ppb
Lithium	6-1				95		%
Magnesium	24-2	102721.09	103229.82	105179.49	103710.13	1.25	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:56:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1991.62	1987.16	1990.83	1989.87	0.12	ppb
Molybdenum	94-1	4975.24	5020.14	4956.73	4984.04	0.65	ppb
Molybdenum	95-1	4958.07	5011.81	4981.62	4983.83	0.54	ppb
Molybdenum	96-1	4985.88	4984.69	4982.29	4984.29	0.04	ppb
Molybdenum	97-1	4965.66	5012.13	4939.60	4972.46	0.74	ppb
Molybdenum	98-1	4948.21	5005.13	4988.84	4980.73	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.84	990.98	998.65	992.16	0.60	ppb
Phosphorus	31-2	18746.98	20455.93	20072.45	19758.45	4.54	ppb
Potassium	39-2	48042.05	47207.83	47916.95	47722.28	0.94	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	1027.64	1003.98	1019.08	1016.90	1.18	ppb
Selenium	78-2	937.19	1001.97	1028.25	989.14	4.74	ppb
Selenium	82-1	992.08	1002.43	988.55	994.35	0.73	ppb
Silicon	28-1	977.41	976.20	978.16	977.26	0.10	ppb
Silver	109-1	989.18	979.83	996.14	988.38	0.83	ppb
Silver	107-1	996.67	984.61	987.25	989.51	0.64	ppb
Sodium	23-2	99491.07	99990.76	100340.20	99940.67	0.43	ppb
Strontium	86-1	996.17	993.33	1003.91	997.80	0.55	ppb
Strontium	88-1	996.63	996.34	996.54	996.50	0.01	ppb
Sulfur	34-1	20129.69	20028.34	20064.22	20074.08	0.26	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	996.60	1000.24	1001.63	999.49	0.26	ppb
Thallium	205-1	989.86	1002.95	999.21	997.34	0.68	ppb
Tin	118-1	1004.30	985.02	991.05	993.46	0.99	ppb
Titanium	47-1	5024.96	4941.50	4956.06	4974.17	0.90	ppb
Uranium	238-1	998.62	1006.21	1005.22	1003.35	0.41	ppb
Vanadium	51-2	992.24	996.50	1000.09	996.28	0.39	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	1988.42	1964.44	1992.81	1981.89	0.77	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:56:20	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1002.05	997.42	990.68	996.72	0.57	ppb
Zirconium	91-1	996.75	1009.66	996.81	1001.07	0.74	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:59:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100634.90	98682.68	101470.00	100262.53	1.43	ppb
Antimony	121-1	2.86	2.77	2.55	2.73	5.82	ppb
Arsenic	75-2	1.86	1.78	1.14	1.59	24.71	ppb
Barium	135-1	0.71	0.69	0.78	0.73	7.05	ppb
Barium	137-1	0.73	0.84	0.77	0.78	7.39	ppb
Beryllium	9-1	0.69	0.76	0.64	0.70	8.42	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	11-1	50.42	46.45	40.50	45.79	10.91	ppb
Boron	10-1	49.97	50.69	43.59	48.09	8.13	ppb
Cadmium	106-1	0.10	1.59	0.13	0.61	140.64	ppb
Cadmium	108-1	0.42	0.24	0.42	0.36	29.46	ppb
Cadmium	111-1	0.15	0.31	0.15	0.20	46.13	ppb
Calcium	43-1	497719.09	504203.22	500212.34	500711.55	0.65	ppb
Calcium	44-1	492751.71	510017.61	500093.46	500954.26	1.73	ppb
Chromium	52-2	32.16	32.35	34.03	32.85	3.14	ppb
Cobalt	59-2	12.22	11.81	12.25	12.10	2.02	ppb
Copper	63-2	4.92	4.53	4.70	4.72	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	250319.70	245848.43	253684.73	249950.95	1.57	ppb
Iron	57-2	250680.45	245934.56	253825.38	250146.80	1.59	ppb
Krypton	83-1						cps
Lead	207-1	1.61	1.70	1.56	1.62	4.43	ppb
Lead	208-1	1.70	1.78	1.69	1.72	2.89	ppb
Lead	206-1	1.83	1.84	1.78	1.82	1.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	499855.96	490188.87	506746.39	498930.40	1.67	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:59:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.32	8.18	9.14	8.55	6.06	ppb
Molybdenum	94-1	4.92	4.90	4.86	4.89	0.62	ppb
Molybdenum	95-1	6.62	6.58	6.35	6.52	2.19	ppb
Molybdenum	96-1	6.34	6.35	6.38	6.36	0.29	ppb
Molybdenum	97-1	6.70	6.35	6.24	6.43	3.70	ppb
Molybdenum	98-1	6.56	6.78	6.29	6.54	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.60	27.39	27.25	27.74	2.67	ppb
Phosphorus	31-2	38.77	37.77	10.65	29.06	54.89	ppb
Potassium	39-2	252687.22	245214.97	253731.66	250544.62	1.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	0.00	6.87	0.00	2.29	173.21	ppb
Selenium	78-2	0.38	-0.72	-0.72	-0.36		ppb
Selenium	82-1	1.33	0.95	1.19	1.15	16.34	ppb
Silicon	28-1	23.81	26.70	26.65	25.72	6.43	ppb
Silver	109-1	0.10	0.12	0.10	0.11	8.99	ppb
Silver	107-1	0.11	0.10	0.08	0.10	16.00	ppb
Sodium	23-2	498616.07	491794.71	508859.49	499756.75	1.72	ppb
Strontium	86-1	4.78	5.23	4.74	4.91	5.52	ppb
Strontium	88-1	5.04	5.16	4.93	5.04	2.32	ppb
Sulfur	34-1	-1528.55	-1079.51	-1241.52	-1283.19		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.53	0.49	0.46	0.49	7.38	ppb
Thallium	205-1	0.56	0.46	0.45	0.49	11.89	ppb
Tin	118-1	1.03	1.04	0.95	1.01	4.81	ppb
Titanium	47-1	1.06	0.83	0.88	0.92	13.16	ppb
Uranium	238-1	0.18	0.18	0.18	0.18	0.47	ppb
Vanadium	51-2	0.37	0.31	0.42	0.37	14.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	31.01	30.48	32.43	31.30	3.22	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:59:46	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.23	0.22	0.23	3.10	ppb
Zirconium	91-1	0.17	0.24	0.24	0.22	17.88	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:24:42	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	478.15	510.23	517.18	501.85	4.15	ppb
Antimony	121-1	198.01	197.85	189.69	195.18	2.44	ppb
Arsenic	75-2	189.14	195.50	201.76	195.47	3.23	ppb
Barium	135-1	99.05	101.05	97.12	99.07	1.98	ppb
Barium	137-1	102.41	101.99	98.13	100.84	2.34	ppb
Beryllium	9-1	101.24	98.10	99.82	99.72	1.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	4.79	4.68	4.64	4.71	1.57	ppb
Boron	10-1	5.04	4.15	4.92	4.70	10.30	ppb
Cadmium	106-1	89.41	90.87	86.93	89.07	2.24	ppb
Cadmium	108-1	88.80	88.63	87.40	88.28	0.87	ppb
Cadmium	111-1	99.89	100.06	96.74	98.90	1.89	ppb
Calcium	43-1	1904.16	1820.71	1814.88	1846.58	2.70	ppb
Calcium	44-1	1936.50	1900.00	1852.32	1896.27	2.23	ppb
Chromium	52-2	97.67	92.85	97.63	96.05	2.88	ppb
Cobalt	59-2	100.75	96.27	100.06	99.02	2.44	ppb
Copper	63-2	100.38	95.74	100.93	99.02	2.88	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				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	1007.92	965.98	1008.03	993.98	2.44	ppb
Iron	57-2	964.65	928.12	982.52	958.43	2.89	ppb
Krypton	83-1						cps
Lead	207-1	185.15	184.83	176.86	182.28	2.58	ppb
Lead	208-1	195.03	193.32	184.65	191.00	2.91	ppb
Lead	206-1	194.13	193.76	185.50	191.13	2.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	1171.03	1150.87	1190.51	1170.80	1.69	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:24:42	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.05	91.63	99.21	96.30	4.24	ppb
Molybdenum	94-1	0.12	0.12	0.13	0.12	6.47	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.06	13.90	ppb
Molybdenum	96-1	0.10	0.07	0.08	0.08	19.71	ppb
Molybdenum	97-1	0.05	0.07	0.03	0.05	30.73	ppb
Molybdenum	98-1	0.08	0.10	0.06	0.08	25.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.05	97.02	101.41	99.82	2.44	ppb
Phosphorus	31-2	-18.00	-18.00	-18.00	-18.00		ppb
Potassium	39-2	2017.90	1897.95	1975.03	1963.63	3.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	144.40	218.18	207.17	189.92	20.96	ppb
Selenium	78-2	193.19	203.23	184.70	193.70	4.79	ppb
Selenium	82-1	197.55	201.76	197.95	199.08	1.17	ppb
Silicon	28-1	1.33	-0.58	-1.47	-0.24		ppb
Silver	109-1	103.22	103.74	100.79	102.58	1.54	ppb
Silver	107-1	102.61	103.24	98.99	101.61	2.26	ppb
Sodium	23-2	2069.09	2008.99	2044.60	2040.89	1.48	ppb
Strontium	86-1	2.18	2.43	2.36	2.33	5.42	ppb
Strontium	88-1	2.27	2.29	2.23	2.26	1.43	ppb
Sulfur	34-1	-845.65	-949.02	-1446.89	-1080.52		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	196.59	196.36	187.21	193.39	2.77	ppb
Thallium	205-1	203.51	202.58	194.37	200.15	2.51	ppb
Tin	118-1	0.03	0.01	0.02	0.02	58.36	ppb
Titanium	47-1	0.03	0.13	0.09	0.09	57.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.89	ppb
Vanadium	51-2	97.63	93.36	98.18	96.39	2.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	202.86	193.42	199.07	198.45	2.39	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:24:42	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	14.49	ppb
Zirconium	91-1	0.01	0.13	0.08	0.07	88.98	ppb

LB Number : LB97512 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 17:34:26 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.70	-0.75	-1.19	-0.08		ppb
Antimony	121-1	0.15	0.17	0.16	0.16	6.16	ppb
Arsenic	75-2	0.03	-0.04	0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.02	0.01	210.31	ppb
Barium	137-1	0.00	0.01	0.00	0.00		ppb
Beryllium	9-1	0.10	0.07	0.06	0.08	26.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	2.86	3.58	3.27	3.24	11.13	ppb
Boron	10-1	3.23	3.36	3.15	3.24	3.30	ppb
Cadmium	106-1	-0.13	0.51	-0.15	0.08	487.56	ppb
Cadmium	108-1	0.09	0.16	0.01	0.09	85.72	ppb
Cadmium	111-1	0.00	0.03	-0.01	0.01	382.82	ppb
Calcium	43-1	0.62	-0.22	-5.73	-1.78		ppb
Calcium	44-1	0.86	0.36	-1.02	0.07	1449.56	ppb
Chromium	52-2	0.03	0.04	0.16	0.08	96.34	ppb
Cobalt	59-2	0.00	-0.01	0.02	0.01	240.32	ppb
Copper	63-2	-0.07	0.00	-0.01	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	0.78	0.81	1.26	0.95	28.39	ppb
Iron	57-2	-0.25	1.14	0.29	0.39	178.04	ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.02	0.02	0.03	22.74	ppb
Lead	208-1	0.03	0.02	0.04	0.03	33.61	ppb
Lead	206-1	0.03	0.02	0.04	0.03	40.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	-2.51	5.50	1.01	404.57	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:34:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.06	0.10	0.04	218.08	ppb
Molybdenum	94-1	0.02	0.02	0.03	0.02	26.81	ppb
Molybdenum	95-1	0.02	0.02	0.06	0.03	74.21	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	23.42	ppb
Molybdenum	97-1	0.03	0.03	0.01	0.02	37.26	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.04	13.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.03	-0.05	0.04	236.20	ppb
Phosphorus	31-2	-18.00	-18.00	-18.00	-18.00		ppb
Potassium	39-2	5.56	20.73	21.65	15.98	56.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	0.00	6.47	0.00	2.16	173.21	ppb
Selenium	78-2	1.39	0.33	-0.72	0.33	317.82	ppb
Selenium	82-1	0.26	-0.81	0.21	-0.11		ppb
Silicon	28-1	-2.35	-3.37	-1.44	-2.38		ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.35	ppb
Silver	107-1	0.00	0.02	0.02	0.01	69.99	ppb
Sodium	23-2	31.42	23.34	29.60	28.12	15.07	ppb
Strontium	86-1	0.08	-0.04	0.04	0.03	218.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1160.15	-995.87	-1135.98	-1097.34		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.07	0.07	4.42	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	7.36	ppb
Tin	118-1	-0.01	0.02	0.00	0.00	861.57	ppb
Titanium	47-1	0.02	0.04	0.06	0.04	46.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.44	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	155.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.46	-0.24	-0.08	-0.26		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:34:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.03	-0.03	-0.01	-0.02		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:37:49	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88375.56	90539.08	87632.64	88849.10	1.70	ppb
Antimony	121-1	1.21	1.17	1.22	1.20	1.88	ppb
Arsenic	75-2	0.19	0.39	0.29	0.29	36.17	ppb
Barium	135-1	1.53	1.44	1.52	1.50	3.16	ppb
Barium	137-1	1.45	1.45	1.45	1.45	0.28	ppb
Beryllium	9-1	0.34	0.40	0.39	0.38	8.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	5.65	5.47	5.53	5.55	1.66	ppb
Boron	10-1	6.42	5.67	5.35	5.81	9.46	ppb
Cadmium	106-1	-0.57	-0.80	0.43	-0.31		ppb
Cadmium	108-1	8.94	8.31	8.66	8.64	3.64	ppb
Cadmium	111-1	0.23	0.23	0.45	0.30	42.96	ppb
Calcium	43-1	95129.98	93502.88	93778.01	94136.96	0.93	ppb
Calcium	44-1	94004.31	93461.59	92866.40	93444.10	0.61	ppb
Chromium	52-2	19.02	19.61	19.59	19.41	1.71	ppb
Cobalt	59-2	1.12	1.17	1.13	1.14	2.58	ppb
Copper	63-2	7.24	7.46	7.29	7.33	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				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	97651.03	99846.10	97444.43	98313.85	1.35	ppb
Iron	57-2	95721.94	98121.94	95856.53	96566.81	1.40	ppb
Krypton	83-1						cps
Lead	207-1	4.25	4.00	4.04	4.10	3.24	ppb
Lead	208-1	4.39	4.35	4.40	4.38	0.61	ppb
Lead	206-1	4.60	4.75	4.72	4.69	1.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	100639.35	101464.02	99091.71	100398.36	1.20	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:37:49	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.39	7.61	8.19	7.73	5.35	ppb
Molybdenum	94-1	1342.35	1344.92	1334.13	1340.47	0.42	ppb
Molybdenum	95-1	1911.63	1924.35	1923.81	1919.93	0.37	ppb
Molybdenum	96-1	1862.07	1845.50	1870.25	1859.28	0.68	ppb
Molybdenum	97-1	1931.19	1937.32	1933.93	1934.15	0.16	ppb
Molybdenum	98-1	1909.30	1900.25	1919.34	1909.63	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	5.50	5.10	5.21	4.90	ppb
Phosphorus	31-2	100802.09	98605.94	97475.14	98961.06	1.71	ppb
Potassium	39-2	93885.21	96203.80	93966.48	94685.17	1.39	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.72	0.41	0.38	0.02	2855.42	ppb
Selenium	82-1	0.30	0.92	0.21	0.48	80.70	ppb
Silicon	28-1	39.47	38.25	37.39	38.37	2.72	ppb
Silver	109-1	0.05	0.05	0.07	0.06	19.54	ppb
Silver	107-1	0.04	0.05	0.07	0.05	30.56	ppb
Sodium	23-2	98581.67	100896.96	97768.20	99082.28	1.64	ppb
Strontium	86-1	33.42	33.44	33.29	33.39	0.25	ppb
Strontium	88-1	33.73	33.44	33.74	33.63	0.51	ppb
Sulfur	34-1	87045.51	86749.83	85323.54	86372.96	1.07	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.10	0.13	0.11	12.61	ppb
Thallium	205-1	0.12	0.12	0.13	0.13	5.45	ppb
Tin	118-1	0.13	0.15	0.13	0.14	7.91	ppb
Titanium	47-1	1985.41	1998.62	1983.50	1989.18	0.41	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.84	ppb
Vanadium	51-2	0.18	0.12	0.19	0.16	25.09	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	10.67	11.97	11.58	11.41	5.85	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:37:49	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.34	0.26	0.25	0.28	16.69	ppb
Zirconium	91-1	0.33	0.24	0.25	0.27	17.34	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:41:07	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87811.86	84803.90	88679.49	87098.42	2.34	ppb
Antimony	121-1	20.27	20.53	20.21	20.34	0.84	ppb
Arsenic	75-2	19.81	18.51	19.29	19.20	3.42	ppb
Barium	135-1	21.42	21.62	20.66	21.23	2.40	ppb
Barium	137-1	21.52	21.34	21.11	21.33	0.96	ppb
Beryllium	9-1	21.36	20.75	19.94	20.68	3.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	11-1	60.21	63.46	61.75	61.80	2.63	ppb
Boron	10-1	60.06	66.75	62.29	63.03	5.40	ppb
Cadmium	106-1	24.51	24.55	22.26	23.77	5.51	ppb
Cadmium	108-1	28.46	28.40	30.56	29.14	4.22	ppb
Cadmium	111-1	20.10	19.68	19.41	19.73	1.76	ppb
Calcium	43-1	94103.47	95381.76	94734.21	94739.81	0.67	ppb
Calcium	44-1	92880.43	94841.08	93370.14	93697.22	1.09	ppb
Chromium	52-2	38.28	37.71	40.66	38.88	4.02	ppb
Cobalt	59-2	20.78	19.93	20.71	20.47	2.32	ppb
Copper	63-2	27.02	26.22	27.73	26.99	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	97222.02	95144.80	99255.31	97207.37	2.11	ppb
Iron	57-2	95140.87	92940.75	96922.08	95001.23	2.10	ppb
Krypton	83-1						cps
Lead	207-1	22.24	22.33	22.12	22.23	0.49	ppb
Lead	208-1	23.07	23.39	23.05	23.17	0.82	ppb
Lead	206-1	24.39	24.59	24.31	24.43	0.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	99445.33	96969.06	99318.65	98577.68	1.41	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:41:07	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.36	25.86	28.62	26.61	6.60	ppb
Molybdenum	94-1	1432.27	1471.70	1445.44	1449.81	1.38	ppb
Molybdenum	95-1	1955.67	1983.58	1960.96	1966.74	0.75	ppb
Molybdenum	96-1	1873.66	1923.78	1883.12	1893.52	1.41	ppb
Molybdenum	97-1	1956.99	1995.45	1957.54	1969.99	1.12	ppb
Molybdenum	98-1	1936.72	1988.94	1965.53	1963.73	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.67	23.82	24.46	24.32	1.81	ppb
Phosphorus	31-2	98185.91	96355.68	100669.24	98403.61	2.20	ppb
Potassium	39-2	93252.54	90752.71	94191.77	92732.34	1.92	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	6.84	19.91	20.93	15.89	49.42	ppb
Selenium	78-2	19.40	22.02	22.05	21.16	7.20	ppb
Selenium	82-1	19.72	19.79	20.58	20.03	2.37	ppb
Silicon	28-1	101.04	104.40	100.75	102.06	1.99	ppb
Silver	109-1	18.93	19.01	18.87	18.94	0.35	ppb
Silver	107-1	18.60	18.81	18.46	18.62	0.93	ppb
Sodium	23-2	98136.63	94491.57	99108.11	97245.44	2.50	ppb
Strontium	86-1	86.41	88.73	86.23	87.12	1.61	ppb
Strontium	88-1	87.81	90.39	89.42	89.21	1.46	ppb
Sulfur	34-1	84457.22	85943.07	85292.27	85230.85	0.87	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	19.43	20.08	19.74	19.75	1.65	ppb
Thallium	205-1	19.88	20.21	19.94	20.01	0.87	ppb
Tin	118-1	53.43	54.18	52.42	53.34	1.65	ppb
Titanium	47-1	1999.48	2057.02	2021.16	2025.88	1.43	ppb
Uranium	238-1	53.24	54.43	53.45	53.71	1.18	ppb
Vanadium	51-2	19.76	19.26	19.21	19.41	1.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	31.78	30.94	28.82	30.51	5.00	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:41:07	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.17	53.45	53.17	53.26	0.30	ppb
Zirconium	91-1	52.59	53.58	52.52	52.90	1.12	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:44:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52210.57	53151.94	52383.37	52581.96	0.95	ppb
Antimony	121-1	519.88	522.12	504.00	515.34	1.92	ppb
Arsenic	75-2	505.74	510.54	507.87	508.05	0.47	ppb
Barium	135-1	2613.74	2607.72	2588.16	2603.21	0.51	ppb
Barium	137-1	2602.05	2602.21	2541.49	2581.92	1.36	ppb
Beryllium	9-1	528.07	532.16	525.18	528.47	0.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	11-1	514.99	536.67	538.26	529.97	2.45	ppb
Boron	10-1	518.19	544.63	525.28	529.37	2.59	ppb
Cadmium	106-1	512.10	505.05	503.63	506.93	0.89	ppb
Cadmium	108-1	503.87	507.10	501.60	504.19	0.55	ppb
Cadmium	111-1	501.86	501.47	494.47	499.27	0.83	ppb
Calcium	43-1	242935.39	243940.23	242357.69	243077.77	0.33	ppb
Calcium	44-1	243254.62	245211.96	241334.04	243266.87	0.80	ppb
Chromium	52-2	522.97	525.72	526.18	524.96	0.33	ppb
Cobalt	59-2	495.55	506.24	502.37	501.39	1.08	ppb
Copper	63-2	963.36	975.06	969.67	969.37	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	126451.98	127941.36	125779.58	126724.30	0.87	ppb
Iron	57-2	124283.90	126315.26	124563.26	125054.14	0.88	ppb
Krypton	83-1						cps
Lead	207-1	517.98	521.70	516.82	518.84	0.49	ppb
Lead	208-1	522.51	527.02	516.09	521.87	1.05	ppb
Lead	206-1	523.79	530.79	518.48	524.35	1.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	252705.19	254645.42	254292.33	253880.98	0.41	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:44:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.99	1034.23	1020.63	1024.61	0.82	ppb
Molybdenum	94-1	2581.48	2601.95	2517.32	2566.92	1.72	ppb
Molybdenum	95-1	2603.52	2581.41	2517.69	2567.54	1.74	ppb
Molybdenum	96-1	2581.46	2596.25	2515.54	2564.42	1.68	ppb
Molybdenum	97-1	2577.71	2612.57	2549.01	2579.76	1.23	ppb
Molybdenum	98-1	2602.70	2584.49	2543.63	2576.94	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.65	511.02	509.55	507.08	1.11	ppb
Phosphorus	31-2	10255.98	10335.35	10785.10	10458.81	2.73	ppb
Potassium	39-2	123650.86	126047.59	125244.43	124980.96	0.98	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	449.64	470.03	479.18	466.28	3.24	ppb
Selenium	78-2	524.10	521.84	435.49	493.81	10.23	ppb
Selenium	82-1	512.05	507.06	503.45	507.52	0.85	ppb
Silicon	28-1	570.32	588.88	580.94	580.05	1.61	ppb
Silver	109-1	517.95	513.03	504.57	511.85	1.32	ppb
Silver	107-1	516.20	510.92	501.29	509.47	1.48	ppb
Sodium	23-2	251523.38	257943.39	254416.77	254627.85	1.26	ppb
Strontium	86-1	515.52	519.24	505.79	513.52	1.35	ppb
Strontium	88-1	517.71	520.01	506.40	514.71	1.42	ppb
Sulfur	34-1	9277.57	9658.65	9120.72	9352.31	2.96	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	515.02	522.28	513.28	516.86	0.92	ppb
Thallium	205-1	518.43	520.47	510.59	516.49	1.01	ppb
Tin	118-1	517.72	523.03	509.58	516.78	1.31	ppb
Titanium	47-1	2584.55	2609.51	2551.02	2581.69	1.14	ppb
Uranium	238-1	515.88	527.81	517.39	520.36	1.25	ppb
Vanadium	51-2	507.84	513.60	509.77	510.40	0.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	982.67	1010.78	993.37	995.61	1.42	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:44:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.90	520.96	504.73	514.87	1.72	ppb
Zirconium	91-1	513.35	514.25	500.13	509.24	1.55	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:50:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.16	0.96	0.22	287.95	ppb
Antimony	121-1	0.47	0.44	0.41	0.44	6.21	ppb
Arsenic	75-2	-0.02	0.10	0.03	0.04	148.45	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	9869.52	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	367.65	ppb
Beryllium	9-1	0.21	0.21	0.26	0.23	11.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	10.28	8.54	9.89	9.57	9.55	ppb
Boron	10-1	9.20	9.10	9.26	9.19	0.91	ppb
Cadmium	106-1	1.05	1.36	0.41	0.94	51.66	ppb
Cadmium	108-1	0.05	0.05	0.12	0.08	56.51	ppb
Cadmium	111-1	0.08	0.12	0.04	0.08	49.77	ppb
Calcium	43-1	-6.40	0.92	-3.16	-2.88		ppb
Calcium	44-1	6.52	4.93	6.89	6.11	17.06	ppb
Chromium	52-2	0.07	0.02	0.00	0.03	109.36	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.03	0.04	0.10	0.04	186.97	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				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	3.38	3.04	3.65	3.36	9.11	ppb
Iron	57-2	3.47	1.88	3.09	2.81	29.37	ppb
Krypton	83-1						cps
Lead	207-1	0.08	0.08	0.09	0.08	7.82	ppb
Lead	208-1	0.08	0.07	0.08	0.08	11.45	ppb
Lead	206-1	0.09	0.07	0.06	0.07	17.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.49	1.93	1.24	2.22	51.96	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:50:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.02	0.04	0.01	417.43	ppb
Molybdenum	94-1	0.56	0.52	0.42	0.50	14.70	ppb
Molybdenum	95-1	0.41	0.40	0.40	0.41	1.40	ppb
Molybdenum	96-1	0.39	0.43	0.41	0.41	3.75	ppb
Molybdenum	97-1	0.43	0.48	0.45	0.45	5.69	ppb
Molybdenum	98-1	0.47	0.46	0.40	0.44	8.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.01	0.03	0.03	129.96	ppb
Phosphorus	31-2	36.46	35.95	-18.00	18.14	172.55	ppb
Potassium	39-2	63.46	40.25	51.65	51.79	22.41	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	-0.72	-0.72	-0.36		ppb
Selenium	82-1	0.57	0.51	-0.39	0.23	232.57	ppb
Silicon	28-1	-1.25	-1.80	-1.68	-1.58		ppb
Silver	109-1	0.03	0.02	0.03	0.03	24.41	ppb
Silver	107-1	0.03	0.04	0.02	0.03	37.31	ppb
Sodium	23-2	66.40	58.52	68.29	64.40	8.04	ppb
Strontium	86-1	0.00	0.03	0.11	0.04	125.01	ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-1451.16	-1634.88	-1522.24	-1536.09		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.12	0.12	0.13	11.76	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	6.46	ppb
Tin	118-1	0.13	0.11	0.14	0.13	13.33	ppb
Titanium	47-1	0.14	0.09	0.03	0.09	58.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.42	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	167.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	-0.30	-0.50	-0.51	-0.43		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:50:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.09	0.09	0.10	7.19	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	11.28	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:53:24	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	1.40	-0.65	0.21	511.85	ppb
Antimony	121-1	0.18	0.13	0.18	0.16	17.69	ppb
Arsenic	75-2	-0.02	0.03	0.01	0.01	285.33	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	0.01	0.00		ppb
Beryllium	9-1	0.12	0.15	0.22	0.16	30.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	5.73	6.24	5.54	5.84	6.16	ppb
Boron	10-1	6.14	6.88	5.67	6.23	9.83	ppb
Cadmium	106-1	0.68	0.14	0.44	0.42	64.32	ppb
Cadmium	108-1	0.12	0.16	0.01	0.10	78.24	ppb
Cadmium	111-1	0.06	0.00	0.03	0.03	88.43	ppb
Calcium	43-1	-3.72	1.43	-7.63	-3.31		ppb
Calcium	44-1	3.29	3.81	3.38	3.49	8.00	ppb
Chromium	52-2	0.12	0.02	0.04	0.06	89.96	ppb
Cobalt	59-2	0.00	0.00	0.03	0.01	205.59	ppb
Copper	63-2	0.08	0.06	-0.01	0.04	117.41	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				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2.39	1.92	2.98	2.43	21.97	ppb
Iron	57-2	0.41	-0.12	1.91	0.73	143.59	ppb
Krypton	83-1						cps
Lead	207-1	0.07	0.07	0.07	0.07	4.56	ppb
Lead	208-1	0.06	0.06	0.07	0.07	11.34	ppb
Lead	206-1	0.07	0.07	0.07	0.07	3.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.42	7.12	4.16	4.23	67.35	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:53:24	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.16	-0.01	0.04	269.52	ppb
Molybdenum	94-1	0.20	0.23	0.25	0.23	11.22	ppb
Molybdenum	95-1	0.18	0.22	0.21	0.20	9.44	ppb
Molybdenum	96-1	0.17	0.21	0.18	0.19	9.73	ppb
Molybdenum	97-1	0.20	0.23	0.22	0.22	7.19	ppb
Molybdenum	98-1	0.16	0.21	0.19	0.19	14.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.13	0.02	-0.07		ppb
Phosphorus	31-2	-18.00	36.51	-18.00	0.17	18601.24	ppb
Potassium	39-2	41.20	30.12	34.04	35.12	16.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.00	6.74	0.00	2.25	173.21	ppb
Selenium	78-2	-0.72	0.37	0.37	0.01	9058.60	ppb
Selenium	82-1	0.63	1.02	0.93	0.86	23.81	ppb
Silicon	28-1	27.85	-0.03	-0.94	8.96	182.61	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.86	ppb
Silver	107-1	0.02	0.02	0.03	0.02	11.47	ppb
Sodium	23-2	50.62	56.31	54.45	53.79	5.40	ppb
Strontium	86-1	0.04	0.00	0.01	0.02	125.44	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1706.72	-1255.21	-1329.16	-1430.36		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.08	0.09	0.09	10.35	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	4.87	ppb
Tin	118-1	0.01	0.05	0.02	0.03	65.22	ppb
Titanium	47-1	0.08	0.06	0.08	0.07	21.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	25.55	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	57.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.01	-0.49	-0.02	-0.17		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:53:24	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.05	0.06	21.31	ppb
Zirconium	91-1	0.04	0.05	0.07	0.05	34.42	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:56:46	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.69	46.85	36.89	39.81	15.38	ppb
Antimony	121-1	3.95	4.01	4.31	4.09	4.66	ppb
Arsenic	75-2	2.04	2.03	1.92	2.00	3.41	ppb
Barium	135-1	19.36	19.58	20.91	19.95	4.22	ppb
Barium	137-1	19.72	19.51	20.89	20.04	3.71	ppb
Beryllium	9-1	2.31	2.22	2.34	2.29	2.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	47.94	48.20	53.59	49.91	6.39	ppb
Boron	10-1	52.36	51.33	55.99	53.23	4.59	ppb
Cadmium	106-1	2.61	3.11	3.37	3.03	12.71	ppb
Cadmium	108-1	2.20	2.53	2.03	2.25	11.29	ppb
Cadmium	111-1	2.03	2.12	2.27	2.14	5.75	ppb
Calcium	43-1	932.49	823.85	963.86	906.74	8.10	ppb
Calcium	44-1	930.88	907.19	986.26	941.44	4.31	ppb
Chromium	52-2	4.38	4.21	4.49	4.36	3.17	ppb
Cobalt	59-2	2.00	1.93	2.05	1.99	3.09	ppb
Copper	63-2	4.03	4.13	3.97	4.04	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	436.96	442.88	451.89	443.91	1.69	ppb
Iron	57-2	432.52	464.70	494.64	463.96	6.70	ppb
Krypton	83-1						cps
Lead	207-1	2.05	1.96	2.10	2.04	3.43	ppb
Lead	208-1	1.97	1.93	2.15	2.01	5.87	ppb
Lead	206-1	1.91	1.99	2.09	2.00	4.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	971.72	1014.87	1021.80	1002.80	2.71	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:56:46	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.60	2.15	1.99	1.91	14.87	ppb
Molybdenum	94-1	10.54	10.15	11.32	10.67	5.56	ppb
Molybdenum	95-1	9.82	9.62	10.23	9.89	3.15	ppb
Molybdenum	96-1	9.86	9.81	10.47	10.05	3.62	ppb
Molybdenum	97-1	9.56	9.49	10.72	9.92	6.95	ppb
Molybdenum	98-1	9.76	9.79	10.38	9.98	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.24	1.93	2.14	8.29	ppb
Phosphorus	31-2	-18.00	-18.00	-18.00	-18.00		ppb
Potassium	39-2	965.69	968.44	966.14	966.76	0.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	0.00	6.69	0.00	2.23	173.21	ppb
Selenium	78-2	15.41	16.76	4.71	12.29	53.71	ppb
Selenium	82-1	10.25	10.08	10.13	10.16	0.87	ppb
Silicon	28-1	31.89	29.62	41.61	34.37	18.53	ppb
Silver	109-1	2.06	2.02	2.22	2.10	4.92	ppb
Silver	107-1	2.05	2.02	2.22	2.10	5.21	ppb
Sodium	23-2	1032.17	1051.76	1076.55	1053.49	2.11	ppb
Strontium	86-1	2.07	2.05	2.24	2.12	4.76	ppb
Strontium	88-1	2.01	1.94	2.13	2.03	4.73	ppb
Sulfur	34-1	-1478.04	-1833.13	-232.69	-1181.29		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	2.08	1.96	2.15	2.06	4.51	ppb
Thallium	205-1	1.95	1.98	2.09	2.01	3.48	ppb
Tin	118-1	9.88	9.60	10.61	10.03	5.20	ppb
Titanium	47-1	9.33	9.91	10.58	9.94	6.30	ppb
Uranium	238-1	1.91	1.78	1.99	1.89	5.67	ppb
Vanadium	51-2	9.37	9.83	9.27	9.49	3.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	3.60	4.04	4.76	4.13	14.11	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:56:46	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.38	2.22	2.45	2.35	5.04	ppb
Zirconium	91-1	2.40	2.18	2.36	2.31	5.08	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:00:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-1.16	1.64	0.10	1435.49	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	11.48	ppb
Arsenic	75-2	0.03	-0.04	-0.04	-0.02		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.12	0.07	0.10	0.10	27.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	6.42	5.53	5.93	5.96	7.51	ppb
Boron	10-1	5.83	6.25	5.86	5.98	3.92	ppb
Cadmium	106-1	-0.51	1.05	0.59	0.38	211.49	ppb
Cadmium	108-1	0.09	0.13	0.16	0.12	30.88	ppb
Cadmium	111-1	-0.04	0.07	0.04	0.02	257.31	ppb
Calcium	43-1	-3.18	-10.62	-5.10	-6.30		ppb
Calcium	44-1	-1.94	2.49	2.71	1.09	241.30	ppb
Chromium	52-2	0.03	0.18	0.05	0.08	96.41	ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	0.00	0.03	0.00	0.01	202.44	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				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	1.71	1.98	1.41	1.70	16.64	ppb
Iron	57-2	-0.69	3.45	1.15	1.30	158.78	ppb
Krypton	83-1						cps
Lead	207-1	0.05	0.03	0.04	0.04	27.33	ppb
Lead	208-1	0.04	0.03	0.03	0.04	22.69	ppb
Lead	206-1	0.03	0.04	0.03	0.03	12.16	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.45	5.61	4.62	4.23	38.23	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:00:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.11	-0.06	-0.07		ppb
Molybdenum	94-1	0.12	0.12	0.11	0.11	6.51	ppb
Molybdenum	95-1	0.11	0.11	0.08	0.10	13.56	ppb
Molybdenum	96-1	0.09	0.09	0.05	0.07	32.56	ppb
Molybdenum	97-1	0.07	0.08	0.09	0.08	8.69	ppb
Molybdenum	98-1	0.07	0.08	0.09	0.08	14.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	-0.12	-0.05		ppb
Phosphorus	31-2	-18.00	9.13	7.47	-0.47		ppb
Potassium	39-2	27.12	51.16	6.66	28.31	78.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	6.61	0.00	0.00	2.20	173.21	ppb
Selenium	78-2	0.35	-0.72	0.34	-0.01		ppb
Selenium	82-1	0.90	0.17	0.58	0.55	66.80	ppb
Silicon	28-1	-4.56	-2.23	-3.39	-3.40		ppb
Silver	109-1	0.02	0.01	0.01	0.01	46.53	ppb
Silver	107-1	0.02	0.01	0.01	0.01	34.19	ppb
Sodium	23-2	45.38	44.94	33.42	41.25	16.43	ppb
Strontium	86-1	-0.02	0.03	0.08	0.03	151.48	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1668.08	-1227.12	-1403.90	-1433.03		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.05	0.07	0.06	14.92	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	13.50	ppb
Tin	118-1	0.04	0.01	-0.01	0.01	183.63	ppb
Titanium	47-1	0.01	0.02	0.06	0.03	83.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.03	0.00	0.01	156.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	-0.35	-0.24	-0.33	-0.31		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:00:08	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.03	0.03	34.83	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	26.99	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:03:31	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.05	36.92	39.22	37.06	5.65	ppb
Antimony	121-1	3.96	3.93	3.89	3.93	0.91	ppb
Arsenic	75-2	2.15	1.74	2.00	1.96	10.61	ppb
Barium	135-1	19.74	20.06	19.90	19.90	0.81	ppb
Barium	137-1	19.16	20.59	19.99	19.91	3.61	ppb
Beryllium	9-1	2.01	1.95	2.01	1.99	1.93	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	47.57	50.04	50.02	49.21	2.88	ppb
Boron	10-1	47.92	51.43	54.36	51.24	6.30	ppb
Cadmium	106-1	2.52	2.58	1.16	2.09	38.53	ppb
Cadmium	108-1	1.95	2.03	1.50	1.82	15.70	ppb
Cadmium	111-1	1.97	2.07	2.13	2.06	4.03	ppb
Calcium	43-1	910.18	964.02	952.60	942.27	3.01	ppb
Calcium	44-1	902.50	931.58	925.75	919.94	1.67	ppb
Chromium	52-2	4.28	4.70	4.06	4.35	7.44	ppb
Cobalt	59-2	2.11	2.27	1.91	2.10	8.51	ppb
Copper	63-2	3.93	4.19	3.68	3.93	6.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	436.21	468.75	433.85	446.27	4.37	ppb
Iron	57-2	418.71	444.95	434.52	432.72	3.05	ppb
Krypton	83-1						cps
Lead	207-1	1.88	2.01	1.91	1.93	3.64	ppb
Lead	208-1	1.90	1.97	1.94	1.94	1.89	ppb
Lead	206-1	1.86	1.96	1.89	1.90	2.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	993.23	1061.36	966.25	1006.95	4.87	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:03:31	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.71	2.19	1.82	1.91	13.25	ppb
Molybdenum	94-1	10.11	10.35	9.94	10.13	2.03	ppb
Molybdenum	95-1	9.80	9.90	9.52	9.74	2.02	ppb
Molybdenum	96-1	9.61	9.65	9.73	9.66	0.62	ppb
Molybdenum	97-1	9.45	10.00	9.79	9.74	2.83	ppb
Molybdenum	98-1	9.65	9.90	9.73	9.76	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.42	2.14	2.20	9.02	ppb
Phosphorus	31-2	-18.00	10.20	8.00	0.07	23708.38	ppb
Potassium	39-2	978.53	1064.91	1059.14	1034.19	4.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	19.43	13.63	45.64	26.23	65.01	ppb
Selenium	78-2	6.67	10.39	4.60	7.22	40.66	ppb
Selenium	82-1	10.77	11.09	9.88	10.58	5.93	ppb
Silicon	28-1	29.16	33.60	32.00	31.59	7.12	ppb
Silver	109-1	2.07	2.10	2.09	2.09	0.55	ppb
Silver	107-1	2.01	2.07	2.03	2.03	1.39	ppb
Sodium	23-2	1030.07	1118.09	1017.95	1055.37	5.18	ppb
Strontium	86-1	2.21	1.93	2.00	2.05	7.00	ppb
Strontium	88-1	1.99	2.03	2.02	2.01	1.05	ppb
Sulfur	34-1	-1326.97	-972.29	-1186.30	-1161.85		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1.96	1.90	1.87	1.91	2.43	ppb
Thallium	205-1	1.95	1.98	2.03	1.99	1.95	ppb
Tin	118-1	9.48	10.18	9.89	9.85	3.56	ppb
Titanium	47-1	9.99	10.05	10.55	10.19	3.01	ppb
Uranium	238-1	1.79	1.83	1.87	1.83	2.24	ppb
Vanadium	51-2	9.25	10.12	9.69	9.69	4.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	3.82	5.23	4.22	4.42	16.40	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:03:31	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.07	2.01	2.08	2.05	1.96	ppb
Zirconium	91-1	2.17	2.07	2.02	2.09	3.62	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-08	Instrumnet Name :	P8
Client Sample ID :	MA3YQ6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:06:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.02	0.04	0.18	148.57	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	26.14	ppb
Arsenic	75-2	0.00	0.00	0.09	0.03	180.35	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.10	0.04	0.06	0.06	46.82	ppb
Bismuth	209-1				112		%
Bismuth	209-2				113		%
Boron	11-1	4.01	4.33	3.87	4.07	5.86	ppb
Boron	10-1	4.79	4.64	5.20	4.87	5.93	ppb
Cadmium	106-1	-0.20	0.67	0.29	0.25	171.44	ppb
Cadmium	108-1	0.04	0.01	0.04	0.03	60.56	ppb
Cadmium	111-1	0.00	0.05	0.03	0.02	109.84	ppb
Calcium	43-1	-7.60	-0.58	-3.94	-4.04		ppb
Calcium	44-1	0.88	0.15	-1.18	-0.05		ppb
Chromium	52-2	0.07	-0.05	-0.11	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	540.63	ppb
Copper	63-2	0.01	-0.03	-0.07	-0.03		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				113		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	56-2	0.86	1.20	0.74	0.93	25.53	ppb
Iron	57-2	3.14	0.40	1.77	1.77	77.50	ppb
Krypton	83-1						cps
Lead	207-1	0.09	0.07	0.08	0.08	14.95	ppb
Lead	208-1	0.10	0.09	0.07	0.08	15.50	ppb
Lead	206-1	0.10	0.09	0.05	0.08	31.34	ppb
Lithium	6-1				110		%
Magnesium	24-2	2.97	3.69	2.89	3.18	13.79	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-08	Instrumnet Name :	P8
Client Sample ID :	MA3YQ6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:06:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.11	-0.07	-0.09		ppb
Molybdenum	94-1	0.05	0.02	0.01	0.03	69.11	ppb
Molybdenum	95-1	0.03	0.05	0.05	0.04	20.51	ppb
Molybdenum	96-1	0.07	0.03	0.01	0.04	89.86	ppb
Molybdenum	97-1	0.04	0.03	0.06	0.04	33.07	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.06	11.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.10	-0.05	-0.10		ppb
Phosphorus	31-2	-18.00	-18.00	-18.00	-18.00		ppb
Potassium	39-2	11.42	3.20	10.32	8.31	53.70	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.17	0.22	0.24	0.54	100.02	ppb
Selenium	82-1	0.17	0.38	0.92	0.49	79.42	ppb
Silicon	28-1	-23.05	-19.33	-22.12	-21.50		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.20	ppb
Sodium	23-2	13.74	25.06	30.69	23.16	37.26	ppb
Strontium	86-1	0.00	-0.03	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	200.25	ppb
Sulfur	34-1	-3867.87	-2742.38	-3643.42	-3417.89		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.04	0.04	0.03	0.03	11.40	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	12.60	ppb
Tin	118-1	-0.06	-0.08	-0.08	-0.08		ppb
Titanium	47-1	0.04	0.00	0.01	0.01	158.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	226.97	ppb
Vanadium	51-2	0.00	0.03	0.03	0.02	97.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				114		%
Zinc	66-2	0.17	-0.07	0.14	0.08	160.87	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-08	Instrumnet Name :	P8
Client Sample ID :	MA3YQ6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:06:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.00	0.00	-0.01		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-01	Instrumnet Name :	P8
Client Sample ID :	MA3YQ4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:10:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1480.08	1520.63	1398.05	1466.25	4.26	ppb
Antimony	121-1	105.91	103.48	107.41	105.60	1.87	ppb
Arsenic	75-2	0.91	1.17	0.99	1.03	12.80	ppb
Barium	135-1	1.77	1.67	1.77	1.74	3.28	ppb
Barium	137-1	1.79	1.76	1.74	1.77	1.61	ppb
Beryllium	9-1	18.81	18.19	18.75	18.58	1.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	11-1	6.57	6.55	7.02	6.71	3.98	ppb
Boron	10-1	6.19	6.88	7.24	6.77	7.87	ppb
Cadmium	106-1	9.07	8.78	7.88	8.58	7.23	ppb
Cadmium	108-1	7.80	7.62	8.54	7.99	6.08	ppb
Cadmium	111-1	8.94	8.75	8.91	8.86	1.16	ppb
Calcium	43-1	319.19	322.13	332.98	324.77	2.23	ppb
Calcium	44-1	344.03	329.06	360.00	344.36	4.49	ppb
Chromium	52-2	24.69	27.35	24.86	25.63	5.81	ppb
Cobalt	59-2	41.57	44.16	41.66	42.46	3.46	ppb
Copper	63-2	31.52	33.25	31.68	32.15	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	203.75	215.31	203.97	207.68	3.18	ppb
Iron	57-2	219.45	229.07	199.16	215.89	7.07	ppb
Krypton	83-1						cps
Lead	207-1	29.12	28.72	29.96	29.27	2.16	ppb
Lead	208-1	30.56	30.19	31.71	30.82	2.58	ppb
Lead	206-1	32.34	31.87	33.33	32.52	2.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	4993.99	5212.62	5004.99	5070.53	2.43	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-01	Instrumnet Name :	P8
Client Sample ID :	MA3YQ4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:10:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.62	1.95	2.04	1.87	11.93	ppb
Molybdenum	94-1	1.88	1.87	1.99	1.91	3.37	ppb
Molybdenum	95-1	0.08	0.08	0.10	0.09	13.82	ppb
Molybdenum	96-1	0.28	0.27	0.27	0.27	2.58	ppb
Molybdenum	97-1	0.07	0.08	0.09	0.08	10.37	ppb
Molybdenum	98-1	0.07	0.10	0.07	0.08	20.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.84	0.55	0.64	26.60	ppb
Phosphorus	31-2	-18.00	9.26	-18.00	-8.91		ppb
Potassium	39-2	6825.21	7120.02	6965.47	6970.23	2.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.39	-0.72	0.34	0.34	314.35	ppb
Selenium	82-1	0.47	1.07	-0.27	0.42	159.70	ppb
Silicon	28-1	174.62	197.50	203.46	191.86	7.94	ppb
Silver	109-1	32.34	31.85	33.39	32.53	2.41	ppb
Silver	107-1	32.38	31.51	32.80	32.23	2.04	ppb
Sodium	23-2	5628.32	5991.21	5594.65	5738.06	3.83	ppb
Strontium	86-1	2.32	2.27	2.32	2.30	1.17	ppb
Strontium	88-1	2.32	2.20	2.32	2.28	2.94	ppb
Sulfur	34-1	-1912.90	-2206.55	-1693.83	-1937.76		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.18	0.19	0.18	7.67	ppb
Thallium	205-1	0.19	0.17	0.20	0.19	8.08	ppb
Tin	118-1	0.88	0.89	0.93	0.90	3.35	ppb
Titanium	47-1	1.97	2.04	2.29	2.10	8.08	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.47	ppb
Vanadium	51-2	0.50	0.56	0.60	0.55	9.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	57.39	61.01	56.22	58.21	4.29	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-01	Instrumnet Name :	P8
Client Sample ID :	MA3YQ4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:10:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.22	1.24	1.25	1.24	1.26	ppb
Zirconium	91-1	1.31	1.22	1.43	1.32	8.14	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-03	Instrumnet Name :	P8
Client Sample ID :	MA3YQ8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:13:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6915.11	7129.55	7593.08	7212.58	4.80	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	3.85	ppb
Arsenic	75-2	2.21	2.58	2.63	2.47	9.24	ppb
Barium	135-1	37.11	37.39	37.64	37.38	0.71	ppb
Barium	137-1	37.05	37.67	37.91	37.54	1.19	ppb
Beryllium	9-1	0.63	0.59	0.70	0.64	9.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	11-1	3.99	3.76	3.62	3.79	4.95	ppb
Boron	10-1	4.62	4.10	2.99	3.90	21.34	ppb
Cadmium	106-1	1.23	2.02	-0.07	1.06	99.85	ppb
Cadmium	108-1	0.16	0.27	0.27	0.23	27.46	ppb
Cadmium	111-1	0.17	0.23	0.08	0.16	44.87	ppb
Calcium	43-1	473.90	481.53	509.67	488.37	3.86	ppb
Calcium	44-1	521.67	505.73	517.10	514.83	1.59	ppb
Chromium	52-2	12.23	13.25	13.83	13.10	6.19	ppb
Cobalt	59-2	4.21	4.19	4.43	4.28	3.15	ppb
Copper	63-2	10.43	10.67	11.48	10.86	5.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	13359.20	13759.01	14448.14	13855.45	3.98	ppb
Iron	57-2	13083.99	13387.14	14275.50	13582.21	4.56	ppb
Krypton	83-1						cps
Lead	207-1	5.70	5.55	5.82	5.69	2.37	ppb
Lead	208-1	6.14	6.11	6.28	6.18	1.48	ppb
Lead	206-1	6.46	6.48	6.57	6.50	0.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	2168.37	2239.03	2340.98	2249.46	3.86	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-03	Instrumnet Name :	P8
Client Sample ID :	MA3YQ8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:13:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	129.02	134.59	139.85	134.48	4.03	ppb
Molybdenum	94-1	1.39	1.45	1.32	1.39	4.88	ppb
Molybdenum	95-1	0.67	0.55	0.58	0.60	10.07	ppb
Molybdenum	96-1	0.70	0.73	0.65	0.69	5.80	ppb
Molybdenum	97-1	0.57	0.60	0.62	0.60	4.22	ppb
Molybdenum	98-1	0.65	0.61	0.64	0.63	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.47	6.77	6.84	6.69	2.98	ppb
Phosphorus	31-2	484.38	201.63	327.86	337.96	41.91	ppb
Potassium	39-2	910.07	984.71	1046.65	980.47	6.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	69.39	57.20	62.13	62.91	9.75	ppb
Selenium	78-2	10.60	7.57	6.04	8.07	28.78	ppb
Selenium	82-1	1.51	0.45	1.69	1.22	55.11	ppb
Silicon	28-1	3961.86	3887.44	3974.04	3941.12	1.19	ppb
Silver	109-1	0.19	0.23	0.27	0.23	16.91	ppb
Silver	107-1	0.20	0.25	0.23	0.23	11.68	ppb
Sodium	23-2	226.89	249.46	268.30	248.22	8.35	ppb
Strontium	86-1	4.17	4.18	4.02	4.13	2.20	ppb
Strontium	88-1	4.06	4.06	4.09	4.07	0.44	ppb
Sulfur	34-1	-2661.08	-3183.34	-3012.92	-2952.45		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.19	0.21	0.20	5.64	ppb
Thallium	205-1	0.17	0.20	0.21	0.19	11.73	ppb
Tin	118-1	0.68	0.62	0.63	0.64	5.42	ppb
Titanium	47-1	727.40	710.65	733.46	723.84	1.63	ppb
Uranium	238-1	1.67	1.62	1.67	1.65	1.53	ppb
Vanadium	51-2	21.91	23.03	22.81	22.58	2.63	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	35.22	34.45	39.20	36.29	7.02	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-03	Instrumnet Name :	P8
Client Sample ID :	MA3YQ8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:13:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.66	0.65	0.64	0.65	1.70	ppb
Zirconium	91-1	0.58	0.59	0.56	0.58	3.26	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-04	Instrumnet Name :	P8
Client Sample ID :	MA3YR4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:17:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10647.98	10471.13	10502.60	10540.57	0.90	ppb
Antimony	121-1	0.34	0.35	0.34	0.34	2.06	ppb
Arsenic	75-2	3.36	3.42	2.42	3.07	18.22	ppb
Barium	135-1	91.28	90.02	91.79	91.03	1.00	ppb
Barium	137-1	91.81	89.89	92.68	91.46	1.56	ppb
Beryllium	9-1	0.85	0.91	0.88	0.88	3.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	6.50	6.21	7.35	6.69	8.92	ppb
Boron	10-1	6.11	8.10	9.22	7.81	20.18	ppb
Cadmium	106-1	1.07	-0.05	0.62	0.55	103.54	ppb
Cadmium	108-1	0.12	0.22	0.05	0.13	67.07	ppb
Cadmium	111-1	0.16	0.08	0.12	0.12	31.84	ppb
Calcium	43-1	2337.66	2314.36	2422.05	2358.02	2.40	ppb
Calcium	44-1	2341.69	2293.09	2371.07	2335.28	1.69	ppb
Chromium	52-2	17.02	17.00	17.40	17.14	1.32	ppb
Cobalt	59-2	5.89	5.77	5.77	5.81	1.16	ppb
Copper	63-2	16.74	17.04	17.34	17.04	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	15805.27	15516.26	15510.87	15610.80	1.08	ppb
Iron	57-2	15363.00	15222.76	15055.87	15213.88	1.01	ppb
Krypton	83-1						cps
Lead	207-1	30.03	29.27	30.34	29.88	1.83	ppb
Lead	208-1	32.56	31.69	33.10	32.45	2.19	ppb
Lead	206-1	35.59	34.53	36.55	35.55	2.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	3258.60	3143.95	3224.07	3208.87	1.83	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-04	Instrumnet Name :	P8
Client Sample ID :	MA3YR4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:17:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.98	212.31	218.37	215.55	1.42	ppb
Molybdenum	94-1	2.12	1.97	2.11	2.07	4.12	ppb
Molybdenum	95-1	0.47	0.47	0.56	0.50	10.43	ppb
Molybdenum	96-1	0.81	0.74	0.78	0.78	4.47	ppb
Molybdenum	97-1	0.49	0.52	0.57	0.53	7.26	ppb
Molybdenum	98-1	0.54	0.61	0.58	0.58	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.23	10.00	10.24	10.16	1.32	ppb
Phosphorus	31-2	802.52	574.18	528.50	635.07	23.12	ppb
Potassium	39-2	1038.13	989.83	960.68	996.21	3.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	43.72	87.20	86.83	72.58	34.44	ppb
Selenium	78-2	8.45	9.44	10.41	9.43	10.38	ppb
Selenium	82-1	0.62	0.57	-0.17	0.34	131.52	ppb
Silicon	28-1	4575.58	4450.07	4615.10	4546.92	1.90	ppb
Silver	109-1	0.17	0.20	0.25	0.21	18.11	ppb
Silver	107-1	0.22	0.22	0.22	0.22	1.14	ppb
Sodium	23-2	299.51	296.67	293.25	296.48	1.06	ppb
Strontium	86-1	12.46	12.35	12.66	12.49	1.24	ppb
Strontium	88-1	12.51	12.28	12.66	12.49	1.53	ppb
Sulfur	34-1	-3391.20	-3718.35	-3285.86	-3465.14		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.19	0.19	0.18	11.84	ppb
Thallium	205-1	0.18	0.18	0.19	0.18	3.14	ppb
Tin	118-1	2.11	1.94	2.13	2.06	5.04	ppb
Titanium	47-1	494.58	483.69	505.93	494.73	2.25	ppb
Uranium	238-1	3.41	3.27	3.50	3.39	3.41	ppb
Vanadium	51-2	29.10	28.57	29.03	28.90	0.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	110.58	108.41	110.54	109.84	1.13	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-04	Instrumnet Name :	P8
Client Sample ID :	MA3YR4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:17:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.17	1.10	1.13	1.13	3.16	ppb
Zirconium	91-1	1.18	1.14	1.12	1.15	3.04	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05	Instrumnet Name :	P8
Client Sample ID :	MA3YR7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:20:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13547.00	13427.29	13431.34	13468.54	0.50	ppb
Antimony	121-1	0.08	0.11	0.11	0.10	17.82	ppb
Arsenic	75-2	2.41	3.22	2.64	2.76	15.06	ppb
Barium	135-1	84.43	84.23	84.91	84.52	0.41	ppb
Barium	137-1	84.66	83.84	87.62	85.37	2.33	ppb
Beryllium	9-1	0.81	0.87	0.92	0.87	6.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	3.29	3.67	3.69	3.55	6.24	ppb
Boron	10-1	3.25	3.85	3.65	3.58	8.59	ppb
Cadmium	106-1	1.36	1.31	1.27	1.31	3.40	ppb
Cadmium	108-1	0.30	0.12	0.30	0.24	43.88	ppb
Cadmium	111-1	0.13	0.14	0.16	0.14	10.64	ppb
Calcium	43-1	1142.24	1155.70	1192.67	1163.54	2.24	ppb
Calcium	44-1	1175.71	1176.11	1221.95	1191.25	2.23	ppb
Chromium	52-2	20.03	20.60	20.95	20.52	2.28	ppb
Cobalt	59-2	5.50	5.63	5.56	5.56	1.20	ppb
Copper	63-2	9.48	9.43	9.63	9.51	1.07	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				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	15153.62	14912.45	15225.11	15097.06	1.09	ppb
Iron	57-2	14709.95	14493.29	14710.79	14638.01	0.86	ppb
Krypton	83-1						cps
Lead	207-1	15.36	15.53	15.55	15.48	0.67	ppb
Lead	208-1	16.08	16.33	16.46	16.29	1.19	ppb
Lead	206-1	16.79	17.30	17.28	17.12	1.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	3156.28	3087.93	3085.48	3109.90	1.29	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05	Instrumnet Name :	P8
Client Sample ID :	MA3YR7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:20:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.49	207.31	211.89	209.56	1.09	ppb
Molybdenum	94-1	1.16	1.11	1.21	1.16	4.20	ppb
Molybdenum	95-1	0.42	0.39	0.36	0.39	8.07	ppb
Molybdenum	96-1	0.56	0.45	0.54	0.51	11.19	ppb
Molybdenum	97-1	0.49	0.46	0.34	0.43	17.55	ppb
Molybdenum	98-1	0.42	0.39	0.45	0.42	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.08	9.75	9.15	9.33	3.96	ppb
Phosphorus	31-2	120.25	256.78	120.83	165.95	47.40	ppb
Potassium	39-2	1283.58	1188.86	1300.84	1257.76	4.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	78.92	153.88	122.37	118.39	31.79	ppb
Selenium	78-2	17.11	20.37	18.25	18.58	8.91	ppb
Selenium	82-1	1.00	1.76	0.81	1.19	42.31	ppb
Silicon	28-1	5666.70	5646.91	5896.55	5736.72	2.42	ppb
Silver	109-1	0.20	0.21	0.24	0.22	8.11	ppb
Silver	107-1	0.17	0.20	0.21	0.19	10.62	ppb
Sodium	23-2	255.49	256.15	246.47	252.70	2.14	ppb
Strontium	86-1	12.76	12.75	13.01	12.84	1.14	ppb
Strontium	88-1	13.21	13.35	13.67	13.41	1.77	ppb
Sulfur	34-1	-4278.16	-4263.93	-3929.90	-4157.33		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.16	0.17	0.17	4.37	ppb
Thallium	205-1	0.17	0.19	0.19	0.19	5.57	ppb
Tin	118-1	0.85	0.85	0.89	0.86	2.83	ppb
Titanium	47-1	528.07	518.94	539.51	528.84	1.95	ppb
Uranium	238-1	1.81	1.87	1.94	1.88	3.51	ppb
Vanadium	51-2	29.61	27.70	28.42	28.58	3.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	42.27	44.52	41.87	42.89	3.33	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05	Instrumnet Name :	P8
Client Sample ID :	MA3YR7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:20:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.59	0.60	0.60	1.19	ppb
Zirconium	91-1	0.60	0.59	0.61	0.60	1.66	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-06	Instrumnet Name :	P8
Client Sample ID :	MA3YR7D	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:23:44	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12962.19	13393.05	15128.02	13827.75	8.29	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	4.49	ppb
Arsenic	75-2	2.68	2.58	3.04	2.77	8.74	ppb
Barium	135-1	81.72	84.89	82.47	83.03	2.00	ppb
Barium	137-1	82.23	86.41	82.02	83.55	2.96	ppb
Beryllium	9-1	0.87	1.02	0.95	0.95	8.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	3.12	3.31	3.32	3.25	3.54	ppb
Boron	10-1	2.34	3.88	3.86	3.36	26.25	ppb
Cadmium	106-1	1.46	0.46	1.00	0.97	51.69	ppb
Cadmium	108-1	0.12	0.16	0.33	0.20	55.31	ppb
Cadmium	111-1	0.15	0.08	0.09	0.11	36.64	ppb
Calcium	43-1	1112.03	1155.49	1124.85	1130.79	1.97	ppb
Calcium	44-1	1148.24	1223.43	1136.96	1169.54	4.02	ppb
Chromium	52-2	19.69	19.82	22.81	20.77	8.48	ppb
Cobalt	59-2	5.44	5.57	6.45	5.82	9.37	ppb
Copper	63-2	9.47	9.79	11.16	10.14	8.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	14969.84	15279.92	17608.83	15952.86	9.04	ppb
Iron	57-2	14624.62	14927.74	17148.64	15567.00	8.85	ppb
Krypton	83-1						cps
Lead	207-1	15.92	16.75	15.99	16.22	2.83	ppb
Lead	208-1	16.80	17.79	16.87	17.15	3.21	ppb
Lead	206-1	17.58	18.89	17.64	18.04	4.10	ppb
Lithium	6-1				98		%
Magnesium	24-2	3071.72	3045.92	3553.80	3223.81	8.87	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-06	Instrumnet Name :	P8
Client Sample ID :	MA3YR7D	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:23:44	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	198.71	203.37	235.13	212.41	9.33	ppb
Molybdenum	94-1	1.26	1.26	1.24	1.25	0.74	ppb
Molybdenum	95-1	0.43	0.44	0.42	0.43	2.24	ppb
Molybdenum	96-1	0.55	0.54	0.56	0.55	2.23	ppb
Molybdenum	97-1	0.44	0.42	0.38	0.41	7.37	ppb
Molybdenum	98-1	0.39	0.44	0.44	0.43	6.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.00	9.31	10.95	9.75	10.76	ppb
Phosphorus	31-2	120.71	10.25	239.28	123.41	92.81	ppb
Potassium	39-2	1217.26	1231.27	1466.29	1304.94	10.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	61.24	153.73	160.90	125.29	44.36	ppb
Selenium	78-2	12.27	10.31	16.78	13.12	25.28	ppb
Selenium	82-1	1.02	0.66	1.42	1.03	36.83	ppb
Silicon	28-1	5603.91	5924.16	5585.68	5704.58	3.34	ppb
Silver	109-1	0.17	0.20	0.20	0.19	10.50	ppb
Silver	107-1	0.18	0.18	0.19	0.18	3.33	ppb
Sodium	23-2	254.02	257.06	281.59	264.23	5.72	ppb
Strontium	86-1	12.90	13.44	12.94	13.10	2.29	ppb
Strontium	88-1	13.00	13.43	13.02	13.15	1.85	ppb
Sulfur	34-1	-4624.51	-4029.30	-4836.02	-4496.61		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.15	0.15	0.13	0.14	6.45	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	5.25	ppb
Tin	118-1	0.91	0.93	0.88	0.90	3.01	ppb
Titanium	47-1	533.25	556.88	523.28	537.80	3.21	ppb
Uranium	238-1	1.83	1.91	1.84	1.86	2.42	ppb
Vanadium	51-2	27.93	29.37	34.02	30.44	10.45	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	40.10	41.27	47.38	42.92	9.11	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-06	Instrumnet Name :	P8
Client Sample ID :	MA3YR7D	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:23:44	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.58	0.60	0.59	1.64	ppb
Zirconium	91-1	0.59	0.55	0.62	0.59	6.06	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05LX5	Instrumnet Name :	P8
Client Sample ID :	MA3YR7L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-23 18:27:05	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2694.57	2807.09	2734.14	2745.26	2.08	ppb
Antimony	121-1	0.05	0.04	0.04	0.05	15.52	ppb
Arsenic	75-2	0.43	0.34	0.41	0.39	12.47	ppb
Barium	135-1	16.95	16.68	17.06	16.90	1.17	ppb
Barium	137-1	17.43	16.91	16.78	17.04	2.00	ppb
Beryllium	9-1	0.22	0.20	0.25	0.22	12.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	2.64	2.31	2.22	2.39	9.24	ppb
Boron	10-1	1.46	2.23	2.29	2.00	23.21	ppb
Cadmium	106-1	-0.58	-0.45	-0.39	-0.47		ppb
Cadmium	108-1	0.01	0.12	0.08	0.07	75.87	ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Calcium	43-1	237.06	227.46	216.55	227.02	4.52	ppb
Calcium	44-1	236.35	240.19	250.72	242.42	3.07	ppb
Chromium	52-2	4.09	4.54	4.60	4.41	6.38	ppb
Cobalt	59-2	1.06	1.18	1.20	1.15	6.35	ppb
Copper	63-2	1.96	2.20	2.21	2.12	6.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2977.45	3135.16	3113.17	3075.26	2.78	ppb
Iron	57-2	2913.59	3067.46	3085.93	3022.33	3.13	ppb
Krypton	83-1						cps
Lead	207-1	3.34	3.31	3.25	3.30	1.45	ppb
Lead	208-1	3.43	3.42	3.43	3.43	0.24	ppb
Lead	206-1	3.63	3.54	3.60	3.59	1.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	592.27	634.99	626.63	617.96	3.66	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05LX5	Instrumnet Name :	P8
Client Sample ID :	MA3YR7L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-23 18:27:05	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	42.79	43.78	43.79	43.46	1.32	ppb
Molybdenum	94-1	0.24	0.36	0.32	0.31	19.30	ppb
Molybdenum	95-1	0.13	0.11	0.09	0.11	19.60	ppb
Molybdenum	96-1	0.12	0.11	0.12	0.11	1.70	ppb
Molybdenum	97-1	0.13	0.12	0.09	0.11	17.64	ppb
Molybdenum	98-1	0.12	0.12	0.13	0.12	7.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	1.99	1.75	1.92	8.06	ppb
Phosphorus	31-2	10.14	11.88	70.44	30.82	111.38	ppb
Potassium	39-2	217.97	257.11	257.19	244.09	9.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	33.55	13.67	20.51	22.58	44.74	ppb
Selenium	78-2	2.56	2.62	2.63	2.60	1.36	ppb
Selenium	82-1	0.71	0.15	0.80	0.55	63.07	ppb
Silicon	28-1	1163.18	1148.15	1153.13	1154.82	0.66	ppb
Silver	109-1	0.11	0.10	0.12	0.11	11.92	ppb
Silver	107-1	0.11	0.09	0.09	0.10	15.17	ppb
Sodium	23-2	98.19	101.80	99.91	99.97	1.81	ppb
Strontium	86-1	2.85	2.88	2.77	2.83	2.01	ppb
Strontium	88-1	2.92	2.87	2.83	2.87	1.69	ppb
Sulfur	34-1	-4063.00	-4305.68	-4143.48	-4170.72		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.02	0.04	42.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.71	ppb
Tin	118-1	0.29	0.22	0.26	0.26	12.85	ppb
Titanium	47-1	104.66	105.02	105.21	104.96	0.27	ppb
Uranium	238-1	0.38	0.38	0.37	0.37	1.08	ppb
Vanadium	51-2	5.43	6.24	6.07	5.91	7.24	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	8.90	9.91	8.73	9.18	6.91	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05LX5	Instrumnet Name :	P8
Client Sample ID :	MA3YR7L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-23 18:27:05	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.16	0.15	0.15	2.92	ppb
Zirconium	91-1	0.18	0.13	0.17	0.16	14.09	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-07	Instrumnet Name :	P8
Client Sample ID :	MA3YR7S	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:30:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12874.82	12778.59	12557.27	12736.89	1.28	ppb
Antimony	121-1	18.94	20.51	19.32	19.59	4.20	ppb
Arsenic	75-2	10.08	9.76	9.72	9.86	2.00	ppb
Barium	135-1	458.77	489.16	462.01	469.98	3.55	ppb
Barium	137-1	463.32	493.91	459.87	472.37	3.97	ppb
Beryllium	9-1	10.07	10.71	9.66	10.15	5.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	2.59	2.94	2.56	2.70	7.86	ppb
Boron	10-1	1.67	2.49	3.73	2.63	39.46	ppb
Cadmium	106-1	9.22	8.96	8.76	8.98	2.59	ppb
Cadmium	108-1	9.07	9.15	7.92	8.71	7.86	ppb
Cadmium	111-1	9.44	9.86	9.70	9.67	2.19	ppb
Calcium	43-1	1089.09	1151.35	1062.54	1100.99	4.14	ppb
Calcium	44-1	1111.18	1163.75	1095.13	1123.35	3.19	ppb
Chromium	52-2	57.66	58.09	57.85	57.87	0.37	ppb
Cobalt	59-2	103.46	103.55	101.05	102.69	1.38	ppb
Copper	63-2	59.02	60.07	59.83	59.64	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	14999.12	15144.14	14950.60	15031.29	0.67	ppb
Iron	57-2	14567.78	14803.30	14505.64	14625.57	1.07	ppb
Krypton	83-1						cps
Lead	207-1	19.44	20.70	19.33	19.83	3.85	ppb
Lead	208-1	20.32	21.78	20.30	20.80	4.08	ppb
Lead	206-1	21.01	22.62	21.23	21.62	4.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	2985.17	3038.33	2974.04	2999.18	1.15	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-07	Instrumnet Name :	P8
Client Sample ID :	MA3YR7S	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:30:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	294.45	294.86	292.40	293.90	0.45	ppb
Molybdenum	94-1	1.29	1.32	1.33	1.31	1.38	ppb
Molybdenum	95-1	0.54	0.55	0.54	0.54	1.24	ppb
Molybdenum	96-1	0.64	0.65	0.68	0.66	3.30	ppb
Molybdenum	97-1	0.59	0.55	0.56	0.57	3.31	ppb
Molybdenum	98-1	0.62	0.60	0.51	0.58	9.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.76	106.40	106.11	107.09	1.36	ppb
Phosphorus	31-2	156.99	129.09	127.00	137.69	12.16	ppb
Potassium	39-2	1179.44	1171.81	1175.25	1175.50	0.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	94.28	105.41	130.90	110.20	17.03	ppb
Selenium	78-2	25.95	32.67	29.80	29.47	11.44	ppb
Selenium	82-1	17.53	19.64	17.07	18.08	7.58	ppb
Silicon	28-1	3601.74	3794.66	3504.72	3633.71	4.06	ppb
Silver	109-1	9.57	10.08	9.53	9.73	3.17	ppb
Silver	107-1	9.17	9.98	9.43	9.53	4.35	ppb
Sodium	23-2	226.44	228.27	213.83	222.85	3.53	ppb
Strontium	86-1	12.29	13.07	12.57	12.64	3.15	ppb
Strontium	88-1	12.21	13.15	12.38	12.58	3.98	ppb
Sulfur	34-1	-4541.65	-3966.05	-4784.93	-4430.88		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	9.42	9.86	9.34	9.54	2.93	ppb
Thallium	205-1	9.40	10.11	9.45	9.65	4.13	ppb
Tin	118-1	0.90	0.98	0.83	0.90	8.41	ppb
Titanium	47-1	504.04	530.88	499.18	511.37	3.34	ppb
Uranium	238-1	1.79	1.95	1.78	1.84	5.00	ppb
Vanadium	51-2	122.64	122.03	121.93	122.20	0.31	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	137.03	137.91	139.16	138.03	0.78	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-07	Instrumnet Name :	P8
Client Sample ID :	MA3YR7S	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:30:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.60	0.62	0.62	0.61	1.53	ppb
Zirconium	91-1	0.59	0.71	0.54	0.61	13.86	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-09	Instrumnet Name :	P8
Client Sample ID :	MA3YS7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:33:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11975.04	12051.21	11843.74	11956.66	0.88	ppb
Antimony	121-1	1.23	1.30	1.34	1.29	4.37	ppb
Arsenic	75-2	4.68	4.49	5.19	4.79	7.62	ppb
Barium	135-1	180.99	182.89	183.70	182.53	0.76	ppb
Barium	137-1	183.07	184.67	184.81	184.18	0.52	ppb
Beryllium	9-1	0.90	0.84	0.73	0.82	10.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	3.61	3.64	3.76	3.67	2.09	ppb
Boron	10-1	5.25	4.61	4.44	4.77	8.96	ppb
Cadmium	106-1	0.55	0.14	2.57	1.09	119.86	ppb
Cadmium	108-1	1.29	1.15	0.91	1.12	17.09	ppb
Cadmium	111-1	0.85	0.85	1.01	0.90	10.08	ppb
Calcium	43-1	2412.94	2383.26	2430.30	2408.83	0.99	ppb
Calcium	44-1	2406.32	2446.24	2459.43	2437.33	1.13	ppb
Chromium	52-2	13.90	13.51	14.30	13.90	2.82	ppb
Cobalt	59-2	8.04	7.73	8.13	7.97	2.64	ppb
Copper	63-2	27.08	26.93	27.22	27.08	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				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	19217.35	19239.65	19232.14	19229.71	0.06	ppb
Iron	57-2	18871.77	18737.32	18794.95	18801.35	0.36	ppb
Krypton	83-1						cps
Lead	207-1	106.96	107.28	109.12	107.79	1.08	ppb
Lead	208-1	113.88	114.09	115.87	114.61	0.96	ppb
Lead	206-1	119.80	119.67	121.46	120.31	0.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	3332.92	3323.98	3286.81	3314.57	0.74	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-09	Instrumnet Name :	P8
Client Sample ID :	MA3YS7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:33:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	412.54	409.63	411.52	411.23	0.36	ppb
Molybdenum	94-1	1.97	2.06	1.73	1.92	8.92	ppb
Molybdenum	95-1	0.44	0.46	0.43	0.44	4.00	ppb
Molybdenum	96-1	0.64	0.60	0.61	0.62	3.22	ppb
Molybdenum	97-1	0.41	0.38	0.46	0.42	9.76	ppb
Molybdenum	98-1	0.39	0.42	0.46	0.42	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.65	9.99	10.02	9.89	2.06	ppb
Phosphorus	31-2	818.56	794.24	915.09	842.63	7.59	ppb
Potassium	39-2	1301.02	1281.70	1279.45	1287.39	0.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	40.97	47.88	62.18	50.35	21.48	ppb
Selenium	78-2	1.50	4.86	1.53	2.63	73.40	ppb
Selenium	82-1	1.30	0.76	1.37	1.14	29.22	ppb
Silicon	28-1	4532.67	4529.46	4539.15	4533.76	0.11	ppb
Silver	109-1	0.25	0.23	0.27	0.25	8.81	ppb
Silver	107-1	0.24	0.27	0.26	0.26	4.71	ppb
Sodium	23-2	167.06	171.35	172.90	170.44	1.77	ppb
Strontium	86-1	14.48	14.80	14.41	14.56	1.43	ppb
Strontium	88-1	14.41	14.83	14.81	14.69	1.60	ppb
Sulfur	34-1	-4643.02	-4670.61	-4734.72	-4682.78		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.14	0.14	0.14	1.19	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	3.45	ppb
Tin	118-1	2.43	2.61	2.55	2.53	3.69	ppb
Titanium	47-1	692.19	698.55	705.45	698.73	0.95	ppb
Uranium	238-1	1.24	1.29	1.33	1.29	3.26	ppb
Vanadium	51-2	28.25	28.16	29.06	28.49	1.73	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	559.81	553.60	538.62	550.68	1.98	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-09	Instrumnet Name :	P8
Client Sample ID :	MA3YS7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:33:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.11	1.06	1.06	1.08	2.40	ppb
Zirconium	91-1	1.05	1.13	1.04	1.07	4.77	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-10	Instrumnet Name :	P8
Client Sample ID :	MA3YS9	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:37:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13481.56	13246.13	13550.58	13426.09	1.19	ppb
Antimony	121-1	0.38	0.44	0.41	0.41	6.97	ppb
Arsenic	75-2	2.56	2.52	2.25	2.45	6.81	ppb
Barium	135-1	174.17	174.56	170.18	172.97	1.40	ppb
Barium	137-1	174.61	176.49	172.07	174.39	1.27	ppb
Beryllium	9-1	1.13	1.00	1.16	1.10	7.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	2.79	2.54	2.81	2.71	5.51	ppb
Boron	10-1	2.68	2.58	2.71	2.65	2.55	ppb
Cadmium	106-1	1.22	1.06	0.42	0.90	47.31	ppb
Cadmium	108-1	0.37	0.41	0.37	0.38	6.42	ppb
Cadmium	111-1	0.15	0.10	0.06	0.11	45.07	ppb
Calcium	43-1	898.19	965.02	912.38	925.19	3.81	ppb
Calcium	44-1	927.92	952.77	917.57	932.75	1.94	ppb
Chromium	52-2	23.14	21.90	22.61	22.55	2.76	ppb
Cobalt	59-2	7.42	6.95	7.32	7.23	3.38	ppb
Copper	63-2	12.21	12.20	12.25	12.22	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	25630.80	24932.96	25394.34	25319.36	1.40	ppb
Iron	57-2	25032.13	24277.21	24789.17	24699.50	1.56	ppb
Krypton	83-1						cps
Lead	207-1	34.79	35.03	34.48	34.77	0.79	ppb
Lead	208-1	37.16	37.52	37.00	37.23	0.72	ppb
Lead	206-1	39.67	39.62	39.67	39.65	0.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	3158.40	2996.39	3055.80	3070.20	2.67	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-10	Instrumnet Name :	P8
Client Sample ID :	MA3YS9	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:37:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	166.66	158.78	166.07	163.84	2.68	ppb
Molybdenum	94-1	2.62	2.75	2.51	2.63	4.40	ppb
Molybdenum	95-1	0.23	0.22	0.22	0.22	2.12	ppb
Molybdenum	96-1	0.54	0.52	0.55	0.54	2.41	ppb
Molybdenum	97-1	0.25	0.23	0.22	0.23	6.61	ppb
Molybdenum	98-1	0.23	0.22	0.22	0.23	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.92	11.98	12.06	11.99	0.59	ppb
Phosphorus	31-2	225.85	247.95	164.14	212.65	20.43	ppb
Potassium	39-2	1228.89	1136.35	1156.81	1174.02	4.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	94.73	106.82	208.12	136.56	45.60	ppb
Selenium	78-2	15.77	19.79	8.54	14.70	38.77	ppb
Selenium	82-1	0.56	1.10	0.91	0.86	31.88	ppb
Silicon	28-1	4908.05	4932.42	4791.46	4877.31	1.54	ppb
Silver	109-1	0.13	0.12	0.15	0.13	11.98	ppb
Silver	107-1	0.13	0.12	0.14	0.13	8.25	ppb
Sodium	23-2	280.96	266.85	283.54	277.12	3.24	ppb
Strontium	86-1	11.21	11.46	11.07	11.25	1.78	ppb
Strontium	88-1	11.08	11.28	11.12	11.16	0.94	ppb
Sulfur	34-1	-4955.76	-4741.59	-5098.00	-4931.78		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.14	0.14	0.14	0.96	ppb
Thallium	205-1	0.14	0.16	0.12	0.14	13.09	ppb
Tin	118-1	1.27	1.38	1.28	1.31	4.65	ppb
Titanium	47-1	904.09	913.01	907.71	908.27	0.49	ppb
Uranium	238-1	2.24	2.21	2.24	2.23	0.87	ppb
Vanadium	51-2	41.18	40.44	40.74	40.78	0.91	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	251.86	244.94	253.49	250.10	1.82	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-10	Instrumnet Name :	P8
Client Sample ID :	MA3YS9	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:37:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.59	1.58	1.58	1.59	0.48	ppb
Zirconium	91-1	1.61	1.55	1.64	1.60	2.76	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-11	Instrumnet Name :	P8
Client Sample ID :	MA3Z58	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:40:33	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7886.38	7537.66	7818.54	7747.53	2.39	ppb
Antimony	121-1	2.16	2.18	2.17	2.17	0.52	ppb
Arsenic	75-2	1.96	1.84	2.79	2.20	23.47	ppb
Barium	135-1	220.37	214.21	216.99	217.19	1.42	ppb
Barium	137-1	220.50	219.68	221.04	220.41	0.31	ppb
Beryllium	9-1	0.59	0.63	0.50	0.58	12.11	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	2.68	2.50	1.92	2.37	16.59	ppb
Boron	10-1	3.06	2.01	2.15	2.40	23.73	ppb
Cadmium	106-1	0.63	0.77	0.24	0.55	50.32	ppb
Cadmium	108-1	0.58	0.68	0.62	0.63	7.99	ppb
Cadmium	111-1	0.54	0.50	0.45	0.50	9.42	ppb
Calcium	43-1	1440.23	1407.21	1413.60	1420.34	1.23	ppb
Calcium	44-1	1466.75	1419.80	1436.76	1441.11	1.65	ppb
Chromium	52-2	9.95	9.90	10.45	10.10	3.01	ppb
Cobalt	59-2	5.69	5.49	6.04	5.74	4.82	ppb
Copper	63-2	15.27	14.75	15.52	15.18	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	10974.44	10324.86	10835.72	10711.67	3.19	ppb
Iron	57-2	10690.26	9980.43	10570.99	10413.89	3.65	ppb
Krypton	83-1						cps
Lead	207-1	443.52	435.29	439.62	439.48	0.94	ppb
Lead	208-1	463.18	453.69	457.01	457.96	1.05	ppb
Lead	206-1	484.55	466.13	476.14	475.61	1.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	2747.80	2562.43	2717.58	2675.94	3.72	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-11	Instrumnet Name :	P8
Client Sample ID :	MA3Z58	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:40:33	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	326.65	312.94	327.47	322.35	2.53	ppb
Molybdenum	94-1	0.99	0.99	1.02	1.00	1.88	ppb
Molybdenum	95-1	0.24	0.24	0.24	0.24	1.25	ppb
Molybdenum	96-1	0.29	0.35	0.35	0.33	11.19	ppb
Molybdenum	97-1	0.22	0.24	0.21	0.22	5.94	ppb
Molybdenum	98-1	0.27	0.23	0.24	0.25	9.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.10	9.38	9.30	9.59	4.57	ppb
Phosphorus	31-2	767.98	673.01	611.96	684.32	11.49	ppb
Potassium	39-2	1178.10	1040.25	1173.43	1130.60	6.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	41.88	48.32	42.31	44.17	8.16	ppb
Selenium	78-2	1.55	6.04	6.18	4.59	57.35	ppb
Selenium	82-1	0.01	0.45	1.00	0.48	102.03	ppb
Silicon	28-1	3726.33	3618.31	3621.85	3655.50	1.68	ppb
Silver	109-1	0.15	0.14	0.15	0.15	6.33	ppb
Silver	107-1	0.15	0.16	0.16	0.15	5.19	ppb
Sodium	23-2	137.82	130.97	146.68	138.49	5.69	ppb
Strontium	86-1	9.52	9.20	9.52	9.42	1.97	ppb
Strontium	88-1	9.60	9.44	9.65	9.56	1.18	ppb
Sulfur	34-1	-5001.07	-5252.71	-5272.23	-5175.34		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.15	0.13	0.14	7.73	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	3.77	ppb
Tin	118-1	0.92	0.94	0.95	0.93	1.36	ppb
Titanium	47-1	460.51	450.03	449.26	453.26	1.39	ppb
Uranium	238-1	1.26	1.22	1.26	1.25	1.87	ppb
Vanadium	51-2	13.75	13.29	13.86	13.64	2.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	893.94	841.80	894.20	876.65	3.44	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-11	Instrumnet Name :	P8
Client Sample ID :	MA3Z58	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:40:33	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.51	0.51	0.52	0.51	1.73	ppb
Zirconium	91-1	0.54	0.55	0.46	0.52	9.36	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-12	Instrumnet Name :	P8
Client Sample ID :	MA3Z60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:43:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11676.21	11702.32	11655.99	11678.17	0.20	ppb
Antimony	121-1	1.11	1.17	1.19	1.16	3.37	ppb
Arsenic	75-2	3.66	3.63	2.91	3.40	12.49	ppb
Barium	135-1	175.38	175.05	175.04	175.16	0.11	ppb
Barium	137-1	176.91	174.94	175.16	175.67	0.61	ppb
Beryllium	9-1	0.63	0.57	0.62	0.61	5.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	3.04	3.14	3.23	3.14	3.10	ppb
Boron	10-1	2.53	2.76	2.88	2.72	6.61	ppb
Cadmium	106-1	0.26	0.77	0.03	0.36	106.15	ppb
Cadmium	108-1	0.66	0.48	1.12	0.75	44.12	ppb
Cadmium	111-1	0.56	0.63	0.64	0.61	6.57	ppb
Calcium	43-1	2204.80	2132.71	2092.50	2143.34	2.65	ppb
Calcium	44-1	2192.77	2156.29	2161.57	2170.21	0.91	ppb
Chromium	52-2	12.01	12.60	11.79	12.13	3.43	ppb
Cobalt	59-2	7.44	7.51	7.81	7.59	2.59	ppb
Copper	63-2	24.24	25.15	24.86	24.75	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				105		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	17496.90	17757.22	17614.56	17622.89	0.74	ppb
Iron	57-2	17496.10	17402.49	17209.03	17369.21	0.84	ppb
Krypton	83-1						cps
Lead	207-1	91.58	89.86	91.10	90.85	0.98	ppb
Lead	208-1	96.80	94.88	96.23	95.97	1.03	ppb
Lead	206-1	102.30	100.02	100.93	101.08	1.13	ppb
Lithium	6-1				98		%
Magnesium	24-2	3447.56	3472.02	3443.01	3454.20	0.45	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-12	Instrumnet Name :	P8
Client Sample ID :	MA3Z60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:43:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	380.42	376.66	383.37	380.15	0.88	ppb
Molybdenum	94-1	1.48	1.23	1.55	1.42	11.80	ppb
Molybdenum	95-1	0.34	0.31	0.32	0.32	5.51	ppb
Molybdenum	96-1	0.53	0.47	0.52	0.51	6.08	ppb
Molybdenum	97-1	0.37	0.32	0.35	0.35	7.95	ppb
Molybdenum	98-1	0.34	0.36	0.36	0.35	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.06	9.63	9.61	9.43	3.42	ppb
Phosphorus	31-2	881.99	671.46	1116.22	889.89	25.00	ppb
Potassium	39-2	1553.28	1586.06	1559.73	1566.35	1.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	20.94	20.92	27.63	23.16	16.71	ppb
Selenium	78-2	4.97	4.97	3.79	4.57	14.91	ppb
Selenium	82-1	0.81	1.26	0.80	0.95	27.53	ppb
Silicon	28-1	4484.95	4430.40	4432.83	4449.39	0.69	ppb
Silver	109-1	0.22	0.22	0.21	0.22	2.55	ppb
Silver	107-1	0.20	0.21	0.19	0.20	5.29	ppb
Sodium	23-2	132.97	145.68	133.63	137.43	5.21	ppb
Strontium	86-1	11.62	11.58	11.76	11.66	0.83	ppb
Strontium	88-1	12.07	11.84	11.93	11.95	0.97	ppb
Sulfur	34-1	-5073.30	-5095.34	-5006.06	-5058.23		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.13	0.12	0.13	4.85	ppb
Thallium	205-1	0.12	0.14	0.14	0.13	8.21	ppb
Tin	118-1	2.18	2.25	2.15	2.19	2.36	ppb
Titanium	47-1	708.62	699.10	702.50	703.41	0.69	ppb
Uranium	238-1	1.02	1.05	1.00	1.02	2.56	ppb
Vanadium	51-2	22.99	22.89	23.25	23.04	0.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	503.70	507.10	504.66	505.15	0.35	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-12	Instrumnet Name :	P8
Client Sample ID :	MA3Z60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:43:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.78	0.81	0.76	0.78	3.02	ppb
Zirconium	91-1	0.75	0.70	0.81	0.75	7.70	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-13	Instrumnet Name :	P8
Client Sample ID :	MA3Z61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7282.55	7458.81	7516.88	7419.41	1.64	ppb
Antimony	121-1	0.74	0.75	0.80	0.76	4.36	ppb
Arsenic	75-2	2.57	2.97	3.26	2.93	11.78	ppb
Barium	135-1	101.49	99.12	100.61	100.41	1.19	ppb
Barium	137-1	100.91	101.01	100.69	100.87	0.16	ppb
Beryllium	9-1	0.73	0.64	0.65	0.67	7.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	2.07	1.98	1.98	2.01	2.61	ppb
Boron	10-1	2.28	2.43	1.87	2.19	13.37	ppb
Cadmium	106-1	1.17	0.75	0.83	0.92	24.53	ppb
Cadmium	108-1	0.66	0.69	0.47	0.60	19.18	ppb
Cadmium	111-1	0.52	0.42	0.48	0.47	10.71	ppb
Calcium	43-1	1240.99	1193.89	1200.80	1211.89	2.10	ppb
Calcium	44-1	1253.69	1212.12	1212.84	1226.22	1.94	ppb
Chromium	52-2	12.04	13.15	12.91	12.70	4.58	ppb
Cobalt	59-2	4.85	4.91	4.85	4.87	0.70	ppb
Copper	63-2	43.50	46.70	46.80	45.67	4.12	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				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	12056.62	12719.25	12733.60	12503.16	3.09	ppb
Iron	57-2	11798.84	12399.09	12214.54	12137.49	2.53	ppb
Krypton	83-1						cps
Lead	207-1	45.93	45.40	44.75	45.36	1.30	ppb
Lead	208-1	48.98	48.43	47.62	48.34	1.41	ppb
Lead	206-1	51.88	50.96	50.59	51.14	1.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	1923.03	2026.92	2004.59	1984.85	2.76	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-13	Instrumnet Name :	P8
Client Sample ID :	MA3Z61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	137.56	146.38	144.98	142.97	3.32	ppb
Molybdenum	94-1	1.06	1.15	0.97	1.06	8.22	ppb
Molybdenum	95-1	0.54	0.59	0.62	0.59	7.23	ppb
Molybdenum	96-1	0.72	0.68	0.65	0.68	4.94	ppb
Molybdenum	97-1	0.68	0.53	0.59	0.60	13.30	ppb
Molybdenum	98-1	0.61	0.53	0.50	0.55	10.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.76	54.71	54.86	53.44	4.35	ppb
Phosphorus	31-2	316.16	687.42	525.54	509.71	36.52	ppb
Potassium	39-2	739.13	844.57	845.71	809.80	7.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	20.89	49.37	49.07	39.77	41.13	ppb
Selenium	78-2	6.09	5.03	6.14	5.76	10.88	ppb
Selenium	82-1	0.48	0.90	0.53	0.64	36.47	ppb
Silicon	28-1	3805.94	3726.14	3730.66	3754.25	1.19	ppb
Silver	109-1	0.22	0.23	0.24	0.23	3.68	ppb
Silver	107-1	0.22	0.25	0.20	0.22	10.75	ppb
Sodium	23-2	182.36	219.69	217.97	206.67	10.20	ppb
Strontium	86-1	7.79	7.54	7.40	7.57	2.61	ppb
Strontium	88-1	7.76	7.67	7.71	7.72	0.57	ppb
Sulfur	34-1	-2883.01	-3283.39	-3257.26	-3141.22		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.08	0.07	0.07	9.43	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	2.76	ppb
Tin	118-1	1.54	1.67	1.54	1.58	4.87	ppb
Titanium	47-1	506.01	495.14	496.93	499.36	1.17	ppb
Uranium	238-1	1.69	1.64	1.62	1.65	2.34	ppb
Vanadium	51-2	17.02	18.70	18.43	18.05	5.00	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	387.76	422.92	411.16	407.28	4.39	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-13	Instrumnet Name :	P8
Client Sample ID :	MA3Z61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.37	0.38	0.37	1.95	ppb
Zirconium	91-1	0.43	0.39	0.38	0.40	6.94	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:50:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19589.10	18864.39	18460.35	18971.28	3.01	ppb
Antimony	121-1	1.74	1.70	1.64	1.69	2.93	ppb
Arsenic	75-2	13.63	11.94	13.39	12.99	7.01	ppb
Barium	135-1	152.36	154.45	152.04	152.95	0.86	ppb
Barium	137-1	152.20	153.48	153.52	153.07	0.49	ppb
Beryllium	9-1	0.86	0.88	0.77	0.84	7.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	11-1	2.81	3.54	3.03	3.13	11.94	ppb
Boron	10-1	3.95	3.98	3.07	3.67	14.10	ppb
Cadmium	106-1	6.78	6.25	5.50	6.17	10.41	ppb
Cadmium	108-1	6.54	5.81	6.19	6.18	5.90	ppb
Cadmium	111-1	4.78	4.91	4.97	4.89	1.98	ppb
Calcium	43-1	2219.91	2159.75	2138.30	2172.65	1.95	ppb
Calcium	44-1	2159.51	2187.86	2213.52	2186.96	1.24	ppb
Chromium	52-2	20.75	20.93	20.82	20.84	0.43	ppb
Cobalt	59-2	5.88	5.45	5.88	5.73	4.29	ppb
Copper	63-2	27.42	27.02	26.40	26.95	1.90	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				101		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	21645.35	21263.23	20327.84	21078.80	3.22	ppb
Iron	57-2	21301.16	20640.72	20134.96	20692.28	2.83	ppb
Krypton	83-1						cps
Lead	207-1	157.95	159.40	158.41	158.59	0.47	ppb
Lead	208-1	169.85	171.48	171.12	170.82	0.50	ppb
Lead	206-1	176.29	177.41	177.39	177.03	0.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	2950.63	2928.31	2849.48	2909.47	1.83	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:50:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	180.55	176.26	169.38	175.39	3.21	ppb
Molybdenum	94-1	1.38	1.47	1.45	1.43	3.30	ppb
Molybdenum	95-1	0.45	0.41	0.44	0.43	4.38	ppb
Molybdenum	96-1	0.63	0.48	0.52	0.54	13.95	ppb
Molybdenum	97-1	0.45	0.42	0.45	0.44	4.28	ppb
Molybdenum	98-1	0.38	0.40	0.45	0.41	8.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.92	12.19	11.68	12.26	5.08	ppb
Phosphorus	31-2	646.77	692.77	862.15	733.90	15.46	ppb
Potassium	39-2	692.32	684.92	648.23	675.16	3.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	55.06	20.58	34.18	36.61	47.44	ppb
Selenium	78-2	2.65	1.51	2.63	2.26	28.70	ppb
Selenium	82-1	0.99	1.05	0.73	0.92	18.06	ppb
Silicon	28-1	5512.19	5554.61	5522.97	5529.92	0.40	ppb
Silver	109-1	0.14	0.17	0.17	0.16	8.90	ppb
Silver	107-1	0.15	0.15	0.18	0.16	11.81	ppb
Sodium	23-2	162.89	143.32	137.98	148.06	8.86	ppb
Strontium	86-1	16.52	16.00	16.07	16.20	1.73	ppb
Strontium	88-1	15.91	16.39	16.07	16.12	1.53	ppb
Sulfur	34-1	-5302.85	-5136.58	-5263.97	-5234.47		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.15	0.11	0.13	15.11	ppb
Thallium	205-1	0.13	0.14	0.12	0.13	5.87	ppb
Tin	118-1	2.76	2.95	2.99	2.90	4.16	ppb
Titanium	47-1	1443.49	1450.87	1446.69	1447.02	0.26	ppb
Uranium	238-1	0.78	0.77	0.77	0.77	0.72	ppb
Vanadium	51-2	31.76	31.57	30.28	31.20	2.59	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	6455.84	6283.80	6144.04	6294.56	2.48	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:50:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.74	0.79	0.77	0.77	3.55	ppb
Zirconium	91-1	0.74	0.87	0.73	0.78	9.75	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-15	Instrumnet Name :	P8
Client Sample ID :	MA3YS4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:53:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12731.75	12691.84	12076.23	12499.94	2.94	ppb
Antimony	121-1	1.78	1.73	1.72	1.75	1.96	ppb
Arsenic	75-2	1.40	1.71	1.39	1.50	12.09	ppb
Barium	135-1	33.02	34.21	33.91	33.71	1.84	ppb
Barium	137-1	33.37	33.56	33.22	33.38	0.51	ppb
Beryllium	9-1	0.40	0.51	0.51	0.48	14.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	2.55	2.61	2.90	2.69	6.92	ppb
Boron	10-1	3.25	2.49	2.76	2.83	13.64	ppb
Cadmium	106-1	-0.08	0.46	0.14	0.17	155.84	ppb
Cadmium	108-1	0.32	0.15	0.36	0.28	39.99	ppb
Cadmium	111-1	0.02	0.10	0.06	0.06	68.55	ppb
Calcium	43-1	3742.22	3882.49	3894.17	3839.63	2.20	ppb
Calcium	44-1	3793.51	3929.39	3873.64	3865.51	1.77	ppb
Chromium	52-2	11.53	10.07	10.50	10.70	6.99	ppb
Cobalt	59-2	2.41	2.27	2.15	2.28	5.74	ppb
Copper	63-2	11.15	10.42	10.10	10.56	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	6296.16	6185.47	6051.88	6177.84	1.98	ppb
Iron	57-2	5972.01	6001.47	5736.78	5903.42	2.46	ppb
Krypton	83-1						cps
Lead	207-1	82.40	84.83	83.91	83.71	1.47	ppb
Lead	208-1	85.99	88.40	87.41	87.27	1.39	ppb
Lead	206-1	88.95	91.79	90.43	90.39	1.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	1854.14	1804.48	1786.43	1815.02	1.93	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-15	Instrumnet Name :	P8
Client Sample ID :	MA3YS4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:53:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	70.74	72.98	69.11	70.94	2.74	ppb
Molybdenum	94-1	0.67	0.74	0.78	0.73	7.64	ppb
Molybdenum	95-1	0.16	0.19	0.17	0.17	10.47	ppb
Molybdenum	96-1	0.23	0.26	0.27	0.25	8.87	ppb
Molybdenum	97-1	0.16	0.12	0.16	0.15	13.74	ppb
Molybdenum	98-1	0.14	0.16	0.13	0.14	10.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.83	4.91	5.45	5.40	8.55	ppb
Phosphorus	31-2	340.61	207.72	107.92	218.75	53.37	ppb
Potassium	39-2	500.19	520.35	448.62	489.72	7.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	35.68	42.63	21.21	33.17	32.94	ppb
Selenium	78-2	0.44	6.23	8.50	5.06	82.22	ppb
Selenium	82-1	1.94	0.97	1.53	1.48	32.76	ppb
Silicon	28-1	4344.34	4433.44	4423.70	4400.49	1.11	ppb
Silver	109-1	0.14	0.14	0.13	0.14	3.05	ppb
Silver	107-1	0.14	0.12	0.14	0.13	8.47	ppb
Sodium	23-2	160.20	147.35	157.13	154.89	4.33	ppb
Strontium	86-1	19.44	20.09	19.83	19.78	1.65	ppb
Strontium	88-1	19.77	20.19	20.14	20.03	1.15	ppb
Sulfur	34-1	-4490.41	-4142.14	-4290.94	-4307.83		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.04	0.05	21.23	ppb
Thallium	205-1	0.04	0.07	0.05	0.05	22.61	ppb
Tin	118-1	0.46	0.50	0.51	0.49	5.16	ppb
Titanium	47-1	299.67	308.19	304.81	304.23	1.41	ppb
Uranium	238-1	0.74	0.75	0.78	0.76	2.35	ppb
Vanadium	51-2	11.63	12.48	11.23	11.78	5.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	99.08	99.77	97.14	98.66	1.38	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-15	Instrumnet Name :	P8
Client Sample ID :	MA3YS4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:53:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.43	0.36	0.39	8.42	ppb
Zirconium	91-1	0.43	0.41	0.38	0.41	5.99	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	10
Date & Time Acquired ::	2018-08-23 18:57:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1979.65	1959.22	1955.80	1964.89	0.66	ppb
Antimony	121-1	0.18	0.20	0.20	0.19	4.65	ppb
Arsenic	75-2	1.31	1.11	1.09	1.17	10.07	ppb
Barium	135-1	15.24	15.68	15.76	15.56	1.80	ppb
Barium	137-1	15.54	15.31	15.49	15.45	0.77	ppb
Beryllium	9-1	0.08	0.09	0.09	0.09	4.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	1.10	1.53	1.57	1.40	18.82	ppb
Boron	10-1	0.69	1.34	1.92	1.32	46.67	ppb
Cadmium	106-1	1.50	-0.44	1.34	0.80	134.07	ppb
Cadmium	108-1	0.80	0.92	0.89	0.87	7.35	ppb
Cadmium	111-1	0.56	0.38	0.56	0.50	20.56	ppb
Calcium	43-1	236.01	236.32	224.45	232.26	2.91	ppb
Calcium	44-1	219.40	222.47	233.80	225.22	3.37	ppb
Chromium	52-2	2.61	2.13	2.20	2.31	11.28	ppb
Cobalt	59-2	0.54	0.63	0.54	0.57	9.40	ppb
Copper	63-2	3.01	2.78	2.86	2.88	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	2202.67	2121.42	2122.07	2148.72	2.17	ppb
Iron	57-2	2151.90	2035.08	2037.51	2074.83	3.22	ppb
Krypton	83-1						cps
Lead	207-1	16.15	16.08	16.35	16.19	0.89	ppb
Lead	208-1	16.96	16.98	17.43	17.12	1.56	ppb
Lead	206-1	17.84	17.96	18.26	18.02	1.19	ppb
Lithium	6-1				95		%
Magnesium	24-2	319.11	296.80	307.82	307.91	3.62	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	10
Date & Time Acquired ::	2018-08-23 18:57:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.74	18.78	16.69	17.74	5.88	ppb
Molybdenum	94-1	0.20	0.14	0.14	0.16	19.72	ppb
Molybdenum	95-1	0.06	0.02	0.05	0.04	40.81	ppb
Molybdenum	96-1	0.03	0.05	0.08	0.05	45.55	ppb
Molybdenum	97-1	0.05	0.07	0.08	0.07	22.97	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	5.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.29	1.11	1.31	16.48	ppb
Phosphorus	31-2	273.09	13.50	107.92	131.50	99.92	ppb
Potassium	39-2	51.08	83.30	53.02	62.46	28.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				85		%
Selenium	77-2	0.00	14.22	0.00	4.74	173.21	ppb
Selenium	78-2	1.66	2.76	2.79	2.40	26.76	ppb
Selenium	82-1	0.51	0.02	-0.16	0.12	280.41	ppb
Silicon	28-1	566.80	571.59	594.73	577.71	2.59	ppb
Silver	109-1	0.05	0.06	0.07	0.06	16.48	ppb
Silver	107-1	0.06	0.05	0.05	0.05	14.59	ppb
Sodium	23-2	23.59	19.92	4.86	16.12	61.56	ppb
Strontium	86-1	1.52	1.76	1.92	1.74	11.59	ppb
Strontium	88-1	1.63	1.70	1.74	1.69	3.21	ppb
Sulfur	34-1	-5226.90	-5262.66	-4608.77	-5032.78		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.01	0.01	53.06	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	28.11	ppb
Tin	118-1	0.33	0.39	0.31	0.34	11.73	ppb
Titanium	47-1	143.25	145.34	149.84	146.14	2.30	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	2.30	ppb
Vanadium	51-2	3.40	3.36	3.25	3.34	2.29	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	653.00	628.93	633.17	638.37	2.01	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	10
Date & Time Acquired ::	2018-08-23 18:57:20	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.08	0.08	2.75	ppb
Zirconium	91-1	0.08	0.09	0.08	0.08	3.06	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:00:43	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51575.67	51046.80	53471.94	52031.47	2.45	ppb
Antimony	121-1	496.84	494.70	505.90	499.14	1.19	ppb
Arsenic	75-2	507.05	495.19	497.45	499.90	1.26	ppb
Barium	135-1	2501.23	2528.35	2565.52	2531.70	1.28	ppb
Barium	137-1	2513.59	2514.38	2532.12	2520.03	0.42	ppb
Beryllium	9-1	494.37	488.95	510.66	497.99	2.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	11-1	476.74	493.10	517.54	495.80	4.14	ppb
Boron	10-1	479.95	490.72	509.48	493.38	3.03	ppb
Cadmium	106-1	492.34	497.72	498.41	496.16	0.67	ppb
Cadmium	108-1	482.03	492.41	494.97	489.80	1.40	ppb
Cadmium	111-1	479.26	482.89	484.27	482.14	0.54	ppb
Calcium	43-1	237349.01	238698.85	244794.94	240280.93	1.65	ppb
Calcium	44-1	236724.72	238424.94	243443.05	239530.91	1.46	ppb
Chromium	52-2	528.75	527.18	545.23	533.72	1.87	ppb
Cobalt	59-2	512.76	514.42	531.66	519.62	2.01	ppb
Copper	63-2	1005.88	1001.27	1030.56	1012.57	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	128132.20	128538.15	133562.02	130077.46	2.33	ppb
Iron	57-2	125719.81	126588.97	130353.64	127554.14	1.93	ppb
Krypton	83-1						cps
Lead	207-1	505.69	500.63	522.35	509.56	2.23	ppb
Lead	208-1	511.66	500.61	519.95	510.74	1.90	ppb
Lead	206-1	511.18	502.22	519.13	510.84	1.66	ppb
Lithium	6-1				92		%
Magnesium	24-2	249880.91	246955.47	257731.00	251522.46	2.22	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:00:43	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.56	1008.82	1050.93	1026.10	2.15	ppb
Molybdenum	94-1	2541.06	2492.51	2569.17	2534.25	1.53	ppb
Molybdenum	95-1	2529.20	2496.11	2551.70	2525.67	1.11	ppb
Molybdenum	96-1	2530.25	2504.66	2553.75	2529.55	0.97	ppb
Molybdenum	97-1	2563.02	2520.39	2587.16	2556.86	1.32	ppb
Molybdenum	98-1	2565.09	2507.87	2584.80	2552.59	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.48	519.73	537.29	525.50	1.94	ppb
Phosphorus	31-2	9842.31	10680.44	10645.80	10389.52	4.56	ppb
Potassium	39-2	119427.30	121325.58	126468.48	122407.12	2.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	77-2	532.51	445.88	542.59	506.99	10.49	ppb
Selenium	78-2	464.80	504.01	481.04	483.28	4.08	ppb
Selenium	82-1	494.23	492.57	494.42	493.74	0.21	ppb
Silicon	28-1	547.08	554.53	577.93	559.85	2.88	ppb
Silver	109-1	491.27	500.99	497.90	496.72	1.00	ppb
Silver	107-1	493.28	494.06	493.40	493.58	0.09	ppb
Sodium	23-2	249242.19	247534.88	256271.93	251016.33	1.84	ppb
Strontium	86-1	500.42	496.69	509.09	502.07	1.27	ppb
Strontium	88-1	502.95	500.21	515.99	506.38	1.66	ppb
Sulfur	34-1	8111.21	8420.30	9064.97	8532.16	5.70	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	510.93	499.25	511.90	507.36	1.39	ppb
Thallium	205-1	507.04	494.36	510.49	503.96	1.69	ppb
Tin	118-1	502.17	496.58	503.30	500.68	0.72	ppb
Titanium	47-1	2546.28	2527.39	2602.42	2558.70	1.53	ppb
Uranium	238-1	516.07	501.37	519.38	512.27	1.87	ppb
Vanadium	51-2	513.61	514.38	527.50	518.49	1.51	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	1002.50	1016.74	1043.59	1020.95	2.04	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:00:43	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.55	500.90	518.16	509.53	1.69	ppb
Zirconium	91-1	499.87	490.97	503.04	497.96	1.26	ppb

LB Number : LB97512 Operator : Jaswal
 Lab Sample ID : CCB031 Instrumnet Name : P8
 Client Sample ID : CCB031 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 19:07:49 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	-0.45	1.90	0.90	135.18	ppb
Antimony	121-1	0.36	0.32	0.33	0.33	6.08	ppb
Arsenic	75-2	-0.04	-0.01	0.04	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	30.84	ppb
Barium	137-1	0.01	0.00	0.00	0.00	231.01	ppb
Beryllium	9-1	0.16	0.14	0.11	0.13	15.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	5.61	5.76	5.16	5.51	5.68	ppb
Boron	10-1	5.51	7.83	4.59	5.97	27.93	ppb
Cadmium	106-1	0.92	-0.36	0.83	0.46	155.02	ppb
Cadmium	108-1	0.19	-0.02	0.23	0.13	103.36	ppb
Cadmium	111-1	0.07	0.00	0.07	0.05	90.35	ppb
Calcium	43-1	-1.68	2.61	-4.94	-1.34		ppb
Calcium	44-1	-1.34	-1.85	-0.17	-1.12		ppb
Chromium	52-2	0.09	0.09	0.05	0.08	29.90	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	52.27	ppb
Copper	63-2	0.10	0.13	0.07	0.10	30.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	2.15	2.17	2.57	2.30	10.39	ppb
Iron	57-2	2.48	-0.38	3.76	1.95	108.36	ppb
Krypton	83-1						cps
Lead	207-1	0.09	0.07	0.08	0.08	8.45	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.74	ppb
Lead	206-1	0.07	0.07	0.08	0.07	9.09	ppb
Lithium	6-1				95		%
Magnesium	24-2	-1.30	2.02	0.54	0.42	393.67	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:07:49	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.10	0.01	-0.04		ppb
Molybdenum	94-1	0.38	0.27	0.31	0.32	18.25	ppb
Molybdenum	95-1	0.28	0.26	0.28	0.27	4.94	ppb
Molybdenum	96-1	0.30	0.27	0.25	0.28	8.81	ppb
Molybdenum	97-1	0.27	0.23	0.28	0.26	9.55	ppb
Molybdenum	98-1	0.28	0.24	0.25	0.26	6.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.01	0.02	49.18	ppb
Phosphorus	31-2	12.46	-18.00	13.08	2.52	706.48	ppb
Potassium	39-2	-12.41	11.81	6.46	1.95	651.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	0.00	7.05	0.00	2.35	173.21	ppb
Selenium	78-2	-0.72	0.43	-0.72	-0.34		ppb
Selenium	82-1	0.20	0.45	0.31	0.32	38.83	ppb
Silicon	28-1	-6.39	-7.14	-7.05	-6.86		ppb
Silver	109-1	0.04	0.04	0.03	0.04	21.67	ppb
Silver	107-1	0.03	0.04	0.04	0.04	19.96	ppb
Sodium	23-2	2.62	4.03	-2.51	1.38	249.55	ppb
Strontium	86-1	0.06	0.06	0.08	0.07	13.52	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1975.96	-1942.51	-2016.33	-1978.27		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.06	0.07	0.06	6.48	ppb
Thallium	205-1	0.06	0.06	0.05	0.05	5.45	ppb
Tin	118-1	0.18	0.15	0.18	0.17	10.13	ppb
Titanium	47-1	0.01	0.06	0.06	0.04	67.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.36	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	29.39	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	-0.20	-0.33	-0.11	-0.21		ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:07:49	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.11	0.10	0.10	9.39	ppb
Zirconium	91-1	0.07	0.12	0.12	0.10	27.92	ppb

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:30:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	15	10	11	35.25	cps
Antimony	121-1	192	133	200	175	20.76	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	75	33	67	58	37.79	cps
Beryllium	9-1	67	61	72	67	8.33	cps
Bismuth	209-1	5717646	5875750	5746223	5779873	1.46	cps
Bismuth	209-2	1387221	1419576	1404499	1403765	1.15	cps
Boron	11-1	383	425	233	347	29.03	cps
Boron	10-1	92	58	58	69	27.71	cps
Cadmium	106-1	1317	1133	1117	1189	9.33	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Cadmium	111-1	938	796	782	839	10.33	cps
Calcium	43-1	542	450	508	500	9.28	cps
Calcium	44-1	13824	14800	14575	14400	3.55	cps
Chromium	52-2	380	327	303	337	11.67	cps
Cobalt	59-2	27	67	47	47	42.85	cps
Copper	63-2	290	287	347	308	10.96	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	8511862	8735079	8634719	8627220	1.30	cps
Holmium	165-2	1728532	1755812	1738180	1740841	0.79	cps
Indium	115-1	6665954	6801441	6671530	6712975	1.14	cps
Indium	115-2	256147	257486	257261	256965	0.28	cps
Iron	56-2	1000	872	933	935	6.83	cps
Iron	57-2	22	56	11	30	78.07	cps
Krypton	83-1	380	397	313	363	12.14	cps
Lead	207-1	172	133	150	152	12.85	cps
Lead	208-1	722	717	661	700	4.83	cps
Lead	206-1	239	183	117	180	34.07	cps
Lithium	6-1	1257117	1270424	1289379	1272307	1.27	cps
Magnesium	24-2	292	233	217	247	15.93	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:30:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	103	60	83	26.23	cps
Molybdenum	94-1	233	242	267	247	7.02	cps
Molybdenum	95-1	75	58	67	67	12.49	cps
Molybdenum	96-1	117	150	233	167	36.06	cps
Molybdenum	97-1	83	42	42	56	43.30	cps
Molybdenum	98-1	92	50	75	72	29.04	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	283	267	303	284	6.45	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2050	2134	2225	2136	4.10	cps
Rhodium	103-1	6224461	6332163	6196887	6251170	1.14	cps
Rhodium	103-2	1588332	1630622	1600433	1606462	1.36	cps
Scandium	45-1	3896957	3989777	3941234	3942656	1.18	cps
Scandium	45-2	27711	28419	28001	28044	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-69	-57	36	-30	-191.66	cps
Silicon	28-1	304481	300244	302031	302252	0.70	cps
Silver	109-1	42	25	33	33	25.01	cps
Silver	107-1	25	58	42	42	40.00	cps
Sodium	23-2	6402	6902	6935	6746	4.43	cps
Strontium	86-1	500	475	517	497	4.22	cps
Strontium	88-1	233	183	175	197	16.00	cps
Sulfur	34-1	392692	389484	393521	391899	0.54	cps
Terbium	159-1	8739953	8955942	8808520	8834805	1.25	cps
Terbium	159-2	1631207	1634414	1638121	1634581	0.21	cps
Thallium	203-1	92	42	75	69	36.66	cps
Thallium	205-1	133	125	150	136	9.35	cps
Tin	118-1	908	1175	1100	1061	12.96	cps
Titanium	47-1	58	108	50	72	43.68	cps
Uranium	238-1	42	17	8	22	78.07	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	6880568	6938748	6811031	6876782	0.93	cps
Yttrium	89-2	191497	192402	192246	192049	0.25	cps
Zinc	66-2	113	147	110	123	16.44	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:30:38	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	558	583	608	583	4.29	cps
Zirconium	91-1	125	142	150	139	9.16	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:38:06	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	93	80	83	10.92	cps
Antimony	121-1	15018	14525	13925	14489	3.78	cps
Arsenic	75-2	74	76	91	80	11.38	cps
Barium	135-1	15218	15335	15334	15296	0.44	cps
Barium	137-1	26636	26177	26394	26402	0.87	cps
Beryllium	9-1	1061	1050	983	1032	4.08	cps
Bismuth	209-1	5748386	5679048	5717896	5715110	0.61	cps
Bismuth	209-2	1400446	1411729	1403049	1405074	0.42	cps
Boron	11-1	13373	13649	13465	13496	1.04	cps
Boron	10-1	2684	2700	2767	2717	1.62	cps
Cadmium	106-1	1392	1500	1508	1467	4.44	cps
Cadmium	108-1	113	92	104	103	10.20	cps
Cadmium	111-1	2296	2486	2529	2437	5.10	cps
Calcium	43-1	8303	8028	7986	8105	2.12	cps
Calcium	44-1	138729	138376	139595	138900	0.45	cps
Chromium	52-2	1683	1630	1673	1662	1.71	cps
Cobalt	59-2	1367	1430	1397	1398	2.27	cps
Copper	63-2	2587	2734	2624	2648	2.88	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	0	13	17	10	88.20	cps
Gadolinium	160-1	50	67	25	47	44.41	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	8683482	8633214	8550191	8622296	0.78	cps
Holmium	165-2	1737854	1724899	1699075	1720609	1.15	cps
Indium	115-1	6646837	6639712	6615573	6634041	0.25	cps
Indium	115-2	258940	259698	258334	258990	0.26	cps
Iron	56-2	22135	22090	21940	22055	0.46	cps
Iron	57-2	628	561	433	541	18.27	cps
Krypton	83-1	327	337	290	318	7.73	cps
Lead	207-1	4373	4601	4595	4523	2.87	cps
Lead	208-1	19951	20624	20424	20333	1.70	cps
Lead	206-1	4734	5046	4745	4842	3.65	cps
Lithium	6-1	1235055	1239458	1207836	1227450	1.40	cps
Magnesium	24-2	10729	10554	11388	10891	4.04	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:38:06	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	283	263	260	9.68	cps
Molybdenum	94-1	12273	11556	11864	11897	3.02	cps
Molybdenum	95-1	15142	14625	14483	14750	2.35	cps
Molybdenum	96-1	16277	17245	16419	16647	3.14	cps
Molybdenum	97-1	9129	9804	9395	9443	3.60	cps
Molybdenum	98-1	23613	23905	24991	24170	3.00	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	760	720	700	727	4.20	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	7694	7844	8386	7975	4.57	cps
Rhodium	103-1	6290000	6249679	6244646	6261442	0.40	cps
Rhodium	103-2	1599291	1619096	1613212	1610533	0.63	cps
Scandium	45-1	3948884	3991582	3957800	3966089	0.57	cps
Scandium	45-2	27641	28175	27547	27788	1.22	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	4	7	11	7	50.02	cps
Selenium	82-1	545	488	495	509	6.09	cps
Silicon	28-1	353527	350297	349804	351209	0.58	cps
Silver	109-1	7111	7594	7294	7333	3.33	cps
Silver	107-1	7511	7644	8144	7766	4.30	cps
Sodium	23-2	32262	32588	32738	32530	0.75	cps
Strontium	86-1	2409	2542	2400	2450	3.24	cps
Strontium	88-1	17195	17445	15785	16808	5.33	cps
Sulfur	34-1	387648	393858	391426	390977	0.80	cps
Terbium	159-1	8859883	8799710	8737182	8798925	0.70	cps
Terbium	159-2	1626002	1620843	1630854	1625900	0.31	cps
Thallium	203-1	6444	6135	6252	6277	2.48	cps
Thallium	205-1	14676	14442	14826	14648	1.32	cps
Tin	118-1	24707	24790	25283	24927	1.25	cps
Titanium	47-1	4026	4117	4017	4054	1.37	cps
Uranium	238-1	18606	19266	19015	18963	1.76	cps
Vanadium	51-2	2164	2280	2237	2227	2.65	cps
Yttrium	89-1	6873319	6904433	6905945	6894566	0.27	cps
Yttrium	89-2	193175	192831	192496	192834	0.18	cps
Zinc	66-2	280	383	327	330	15.68	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:38:06	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10396	10396	10521	10438	0.69	cps
Zirconium	91-1	2284	2392	2200	2292	4.19	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:41:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4917	4922	4835	4891	1.01	cps
Antimony	121-1	385196	384920	388186	386100	0.47	cps
Arsenic	75-2	3765	3778	3917	3820	2.20	cps
Barium	135-1	405143	402257	405318	404239	0.43	cps
Barium	137-1	713315	706647	709430	709797	0.47	cps
Beryllium	9-1	55017	55234	54771	55007	0.42	cps
Bismuth	209-1	5740747	5678935	5729846	5716509	0.58	cps
Bismuth	209-2	1394046	1412058	1406343	1404149	0.66	cps
Boron	11-1	28354	28930	30199	29161	3.24	cps
Boron	10-1	6110	6268	6535	6304	3.41	cps
Cadmium	106-1	9887	10388	10113	10129	2.47	cps
Cadmium	108-1	5856	6006	6147	6003	2.43	cps
Cadmium	111-1	84942	83967	83898	84269	0.69	cps
Calcium	43-1	84269	83155	85930	84451	1.65	cps
Calcium	44-1	1404626	1408308	1417798	1410244	0.48	cps
Chromium	52-2	32982	32698	32909	32863	0.45	cps
Cobalt	59-2	70454	71700	70835	70996	0.90	cps
Copper	63-2	123169	122518	123438	123042	0.38	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	58	25	31	83.33	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8613228	8725373	8817369	8718656	1.17	cps
Holmium	165-2	1712917	1722737	1735813	1723822	0.67	cps
Indium	115-1	6690586	6598728	6698712	6662676	0.83	cps
Indium	115-2	257527	258800	257551	257959	0.28	cps
Iron	56-2	1078796	1079007	1086481	1081428	0.40	cps
Iron	57-2	27010	27149	26609	26923	1.04	cps
Krypton	83-1	273	393	313	327	18.71	cps
Lead	207-1	233353	235568	235021	234647	0.49	cps
Lead	208-1	1056339	1061383	1062842	1060188	0.32	cps
Lead	206-1	262578	262301	262210	262363	0.07	cps
Lithium	6-1	1225167	1234719	1243419	1234435	0.74	cps
Magnesium	24-2	122876	121633	121826	122112	0.55	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:41:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18125	17942	17808	17958	0.89	cps
Molybdenum	94-1	647484	642664	648644	646264	0.49	cps
Molybdenum	95-1	792797	785163	794085	790682	0.61	cps
Molybdenum	96-1	878595	874702	874298	875865	0.27	cps
Molybdenum	97-1	495567	491674	497735	494992	0.62	cps
Molybdenum	98-1	1264803	1268601	1269724	1267709	0.20	cps
Neodymium	150-1	20	33	7	20	66.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	21206	21270	21420	21299	0.52	cps
Phosphorus	31-2	292	325	433	350	21.16	cps
Potassium	39-2	32589	31628	31595	31937	1.77	cps
Rhodium	103-1	6206698	6173126	6246474	6208766	0.59	cps
Rhodium	103-2	1584271	1604226	1619712	1602736	1.11	cps
Scandium	45-1	3922803	3950767	4003825	3959132	1.04	cps
Scandium	45-2	26686	27778	27257	27240	2.01	cps
Selenium	77-2	30	27	40	32	21.53	cps
Selenium	78-2	81	87	76	81	6.82	cps
Selenium	82-1	5230	5249	5091	5190	1.66	cps
Silicon	28-1	486333	484526	488123	486327	0.37	cps
Silver	109-1	390488	387246	387306	388347	0.48	cps
Silver	107-1	405466	404539	408344	406116	0.49	cps
Sodium	23-2	277786	277345	276664	277265	0.20	cps
Strontium	86-1	100233	99923	101014	100390	0.56	cps
Strontium	88-1	862688	859120	867970	863259	0.52	cps
Sulfur	34-1	412356	415261	409778	412465	0.67	cps
Terbium	159-1	8830407	8806186	8879931	8838841	0.43	cps
Terbium	159-2	1633013	1644313	1646004	1641110	0.43	cps
Thallium	203-1	316623	322344	320788	319918	0.92	cps
Thallium	205-1	756583	772359	767607	765517	1.06	cps
Tin	118-1	267117	261635	263984	264245	1.04	cps
Titanium	47-1	211109	213898	210474	211827	0.86	cps
Uranium	238-1	1026846	1029635	1034377	1030286	0.37	cps
Vanadium	51-2	24101	23807	23593	23834	1.07	cps
Yttrium	89-1	6897740	6808397	6959833	6888657	1.11	cps
Yttrium	89-2	190739	192179	191124	191348	0.39	cps
Zinc	66-2	11392	11428	11168	11329	1.24	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:41:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	539105	539741	540398	539748	0.12	cps
Zirconium	91-1	117772	117663	119824	118420	1.03	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:45:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11828	11267	11648	11581	2.47	cps
Antimony	121-1	975296	973192	980324	976271	0.38	cps
Arsenic	75-2	9553	9514	9589	9552	0.39	cps
Barium	135-1	1022358	1016500	1018595	1019151	0.29	cps
Barium	137-1	1805386	1779287	1803174	1795949	0.81	cps
Beryllium	9-1	133715	134120	135296	134377	0.61	cps
Bismuth	209-1	5689812	5599939	5791168	5693640	1.68	cps
Bismuth	209-2	1391880	1388501	1380778	1387053	0.41	cps
Boron	11-1	68892	72685	71327	70968	2.71	cps
Boron	10-1	14458	14566	15918	14981	5.43	cps
Cadmium	106-1	23188	22686	23012	22962	1.11	cps
Cadmium	108-1	15038	14979	14767	14928	0.96	cps
Cadmium	111-1	210691	208316	207166	208724	0.86	cps
Calcium	43-1	211911	209518	210259	210562	0.58	cps
Calcium	44-1	3433419	3431238	3441061	3435239	0.15	cps
Chromium	52-2	79212	78458	79876	79182	0.90	cps
Cobalt	59-2	173195	172911	172860	172989	0.10	cps
Copper	63-2	299465	298897	298519	298961	0.16	cps
Dysprosium	156-1	75	17	8	33	108.97	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	13	0	20	11	91.66	cps
Holmium	165-1	8618560	8462715	8810649	8630641	2.02	cps
Holmium	165-2	1727900	1713296	1692060	1711085	1.05	cps
Indium	115-1	6691569	6495509	6681323	6622801	1.67	cps
Indium	115-2	250980	252659	249659	251099	0.60	cps
Iron	56-2	2648137	2664552	2636626	2649772	0.53	cps
Iron	57-2	65180	66040	65950	65723	0.72	cps
Krypton	83-1	333	387	317	346	10.58	cps
Lead	207-1	585296	594000	589212	589503	0.74	cps
Lead	208-1	2652314	2670780	2650798	2657964	0.42	cps
Lead	206-1	651753	655950	651443	653049	0.39	cps
Lithium	6-1	1240200	1198198	1244581	1227659	2.09	cps
Magnesium	24-2	299395	295775	294713	296628	0.83	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:45:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43651	43765	43601	43673	0.19	cps
Molybdenum	94-1	1649138	1681241	1627161	1652513	1.65	cps
Molybdenum	95-1	2019233	2001028	2011043	2010435	0.45	cps
Molybdenum	96-1	2226697	2226765	2245184	2232882	0.48	cps
Molybdenum	97-1	1230208	1243946	1244725	1239626	0.66	cps
Molybdenum	98-1	3186207	3197304	3178544	3187352	0.30	cps
Neodymium	150-1	53	47	47	49	7.88	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	51191	51679	51127	51332	0.59	cps
Phosphorus	31-2	758	808	783	783	3.19	cps
Potassium	39-2	75804	75226	74782	75271	0.68	cps
Rhodium	103-1	6174020	6022342	6228178	6141513	1.74	cps
Rhodium	103-2	1564777	1555146	1552164	1557362	0.42	cps
Scandium	45-1	3872430	3767294	3924728	3854817	2.08	cps
Scandium	45-2	27029	26682	26803	26838	0.66	cps
Selenium	77-2	43	53	57	51	13.58	cps
Selenium	78-2	211	181	207	200	8.07	cps
Selenium	82-1	12995	12912	12887	12932	0.44	cps
Silicon	28-1	747595	742008	749945	746516	0.55	cps
Silver	109-1	971182	968640	972414	970745	0.20	cps
Silver	107-1	1011071	1022793	1010118	1014661	0.70	cps
Sodium	23-2	663009	661742	661445	662065	0.13	cps
Strontium	86-1	250958	248946	247429	249111	0.71	cps
Strontium	88-1	2201701	2176801	2169231	2182578	0.78	cps
Sulfur	34-1	435833	435082	435419	435445	0.09	cps
Terbium	159-1	8861649	8588258	8985239	8811716	2.31	cps
Terbium	159-2	1618498	1653053	1642083	1637878	1.08	cps
Thallium	203-1	794321	801409	805954	800561	0.73	cps
Thallium	205-1	1940484	1955597	1945126	1947069	0.40	cps
Tin	118-1	664406	664389	669263	666019	0.42	cps
Titanium	47-1	518116	519689	523907	520571	0.58	cps
Uranium	238-1	2627064	2667153	2616698	2636972	1.01	cps
Vanadium	51-2	57487	57193	58414	57698	1.10	cps
Yttrium	89-1	6908783	6681392	6931160	6840445	2.02	cps
Yttrium	89-2	189133	187938	185750	187607	0.91	cps
Zinc	66-2	26362	27047	26602	26670	1.30	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:45:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1379658	1366986	1375818	1374154	0.47	cps
Zirconium	91-1	300273	302395	300072	300913	0.43	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22576	22133	22205	22305	1.07	cps
Antimony	121-1	1952940	1975700	1965421	1964687	0.58	cps
Arsenic	75-2	18197	18349	18288	18278	0.42	cps
Barium	135-1	2045220	2043483	2074353	2054352	0.84	cps
Barium	137-1	3532958	3549806	3557940	3546901	0.36	cps
Beryllium	9-1	264289	262767	261745	262934	0.49	cps
Bismuth	209-1	5617282	5699367	5793825	5703491	1.55	cps
Bismuth	209-2	1389952	1310939	1363226	1354706	2.97	cps
Boron	11-1	136493	141542	143822	140619	2.67	cps
Boron	10-1	29414	29824	30859	30032	2.48	cps
Cadmium	106-1	42735	43671	44591	43666	2.13	cps
Cadmium	108-1	28698	29061	29002	28920	0.67	cps
Cadmium	111-1	407670	411753	409699	409707	0.50	cps
Calcium	43-1	410127	409225	411301	410218	0.25	cps
Calcium	44-1	6684333	6653156	6636613	6658034	0.36	cps
Chromium	52-2	152311	153076	152590	152659	0.25	cps
Cobalt	59-2	332257	335235	334274	333922	0.46	cps
Copper	63-2	578363	578204	576403	577657	0.19	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	92	44	92.49	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	58	67	42	56	22.91	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	8545726	8625377	8738736	8636613	1.12	cps
Holmium	165-2	1702645	1638258	1703055	1681319	2.22	cps
Indium	115-1	6424773	6476623	6664922	6522106	1.94	cps
Indium	115-2	248577	237278	247069	244308	2.51	cps
Iron	56-2	5081791	5055567	5035392	5057583	0.46	cps
Iron	57-2	128896	127163	126642	127567	0.92	cps
Krypton	83-1	393	353	287	344	15.64	cps
Lead	207-1	1172113	1173339	1176067	1173840	0.17	cps
Lead	208-1	5381405	5355935	5374351	5370564	0.24	cps
Lead	206-1	1304918	1290875	1305931	1300575	0.65	cps
Lithium	6-1	1216556	1204970	1214235	1211920	0.51	cps
Magnesium	24-2	571358	568056	572967	570793	0.44	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:49:15	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	84584	85151	85832	85189	0.73	cps
Molybdenum	94-1	3204838	3218589	3189368	3204265	0.46	cps
Molybdenum	95-1	3936736	3901542	3909184	3915820	0.47	cps
Molybdenum	96-1	4390605	4335162	4345913	4357227	0.67	cps
Molybdenum	97-1	2510529	2500047	2502619	2504398	0.22	cps
Molybdenum	98-1	6224805	6261903	6264829	6250512	0.36	cps
Neodymium	150-1	67	107	87	87	23.08	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	97649	97293	98237	97726	0.49	cps
Phosphorus	31-2	1508	1625	1525	1553	4.06	cps
Potassium	39-2	145066	142095	143424	143528	1.04	cps
Rhodium	103-1	6030159	6015551	6158693	6068134	1.30	cps
Rhodium	103-2	1560957	1484939	1524899	1523598	2.50	cps
Scandium	45-1	3766669	3816079	3874651	3819133	1.42	cps
Scandium	45-2	26719	24618	26756	26031	4.70	cps
Selenium	77-2	123	97	107	109	12.37	cps
Selenium	78-2	433	446	346	409	13.31	cps
Selenium	82-1	25373	25111	25277	25253	0.52	cps
Silicon	28-1	1066163	1072337	1061472	1066657	0.51	cps
Silver	109-1	1947741	1911399	1925867	1928336	0.95	cps
Silver	107-1	2024364	2033442	2026115	2027974	0.24	cps
Sodium	23-2	1309037	1302975	1297776	1303263	0.43	cps
Strontium	86-1	492704	490971	490570	491415	0.23	cps
Strontium	88-1	4271225	4268969	4270245	4270146	0.03	cps
Sulfur	34-1	482779	482485	479425	481563	0.39	cps
Terbium	159-1	8769581	8748057	8973616	8830418	1.41	cps
Terbium	159-2	1622687	1539315	1604263	1588755	2.76	cps
Thallium	203-1	1596438	1611139	1602308	1603295	0.46	cps
Thallium	205-1	3881298	3885763	3902948	3890003	0.29	cps
Tin	118-1	1308996	1307174	1318415	1311528	0.46	cps
Titanium	47-1	1026940	1029890	1031319	1029383	0.22	cps
Uranium	238-1	5248566	5245148	5211368	5235027	0.39	cps
Vanadium	51-2	114288	112524	113975	113596	0.83	cps
Yttrium	89-1	6694431	6686662	6870471	6750521	1.54	cps
Yttrium	89-2	186464	178842	185954	183754	2.32	cps
Zinc	66-2	50726	51706	50829	51087	1.05	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:49:15	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2746632	2697466	2694888	2712996	1.07	cps
Zirconium	91-1	594804	589771	587733	590769	0.62	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:52:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43946	43535	43379	43620	0.67	cps
Antimony	121-1	3896176	3937060	3897930	3910389	0.59	cps
Arsenic	75-2	36173	36112	36320	36202	0.30	cps
Barium	135-1	4102353	4079703	4055208	4079088	0.58	cps
Barium	137-1	7055232	6994185	7010611	7020009	0.45	cps
Beryllium	9-1	510449	510772	508180	509800	0.28	cps
Bismuth	209-1	5756915	5686813	5784486	5742738	0.88	cps
Bismuth	209-2	1353670	1334555	1357365	1348530	0.91	cps
Boron	11-1	272871	277991	281257	277373	1.52	cps
Boron	10-1	59206	59139	60160	59502	0.96	cps
Cadmium	106-1	86796	85941	87760	86832	1.05	cps
Cadmium	108-1	58652	57873	57890	58139	0.76	cps
Cadmium	111-1	815523	809946	809605	811692	0.41	cps
Calcium	43-1	816275	805111	804096	808494	0.84	cps
Calcium	44-1	13156059	13173195	13055960	13128405	0.48	cps
Chromium	52-2	297940	296605	297066	297204	0.23	cps
Cobalt	59-2	649735	653464	654638	652612	0.39	cps
Copper	63-2	1131162	1126580	1121303	1126348	0.44	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	17	58	33	36	58.08	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	8812784	8741131	8828543	8794153	0.53	cps
Holmium	165-2	1693462	1685751	1720171	1699794	1.06	cps
Indium	115-1	6552200	6415376	6522810	6496795	1.11	cps
Indium	115-2	241029	237059	241316	239801	0.99	cps
Iron	56-2	9851878	9853763	9735184	9813608	0.69	cps
Iron	57-2	249675	250657	249213	249848	0.30	cps
Krypton	83-1	357	303	327	329	8.13	cps
Lead	207-1	2438398	2457563	2407468	2434476	1.04	cps
Lead	208-1	10865069	10935948	10779836	10860284	0.72	cps
Lead	206-1	2679650	2673247	2647101	2666666	0.65	cps
Lithium	6-1	1209727	1204676	1204295	1206233	0.25	cps
Magnesium	24-2	1109151	1112307	1107879	1109779	0.21	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:52:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164063	165695	163861	164540	0.61	cps
Molybdenum	94-1	6311328	6309320	6286285	6302311	0.22	cps
Molybdenum	95-1	7725327	7752180	7674267	7717258	0.51	cps
Molybdenum	96-1	8649559	8659184	8621133	8643292	0.23	cps
Molybdenum	97-1	4907314	4974117	4884528	4921986	0.95	cps
Molybdenum	98-1	12413109	12463065	12385376	12420517	0.32	cps
Neodymium	150-1	140	153	207	167	21.17	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	190912	190987	190219	190706	0.22	cps
Phosphorus	31-2	2892	2909	2850	2884	1.04	cps
Potassium	39-2	274050	273108	270544	272567	0.67	cps
Rhodium	103-1	6010528	5995273	6029635	6011812	0.29	cps
Rhodium	103-2	1489656	1478875	1489297	1485942	0.41	cps
Scandium	45-1	3791746	3753176	3784552	3776491	0.54	cps
Scandium	45-2	25383	25139	25831	25451	1.38	cps
Selenium	77-2	220	237	227	228	3.68	cps
Selenium	78-2	865	798	870	844	4.76	cps
Selenium	82-1	50172	49942	49221	49779	1.00	cps
Silicon	28-1	1757304	1759788	1745010	1754034	0.45	cps
Silver	109-1	3786880	3750450	3789940	3775756	0.58	cps
Silver	107-1	4009804	3926946	3969646	3968799	1.04	cps
Sodium	23-2	2547224	2509703	2534662	2530530	0.75	cps
Strontium	86-1	975222	971728	973075	973342	0.18	cps
Strontium	88-1	8404653	8369046	8383475	8385725	0.21	cps
Sulfur	34-1	585583	590013	579310	584969	0.92	cps
Terbium	159-1	8991501	8896703	9000363	8962855	0.64	cps
Terbium	159-2	1589299	1584382	1612425	1595369	0.94	cps
Thallium	203-1	3267995	3258039	3259617	3261883	0.16	cps
Thallium	205-1	7721301	7760353	7718067	7733240	0.30	cps
Tin	118-1	2660517	2656331	2672595	2663148	0.32	cps
Titanium	47-1	2060200	2027392	2036791	2041461	0.83	cps
Uranium	238-1	10592469	10537156	10494670	10541432	0.47	cps
Vanadium	51-2	220586	220057	218307	219650	0.54	cps
Yttrium	89-1	6803902	6738206	6750954	6764354	0.52	cps
Yttrium	89-2	182452	179475	181609	181179	0.85	cps
Zinc	66-2	100101	99513	99064	99559	0.52	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:52:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5399156	5290396	5338985	5342846	1.02	cps
Zirconium	91-1	1184390	1181497	1168881	1178256	0.70	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:56:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85754	87098	87098	86650	0.89	cps
Antimony	121-1	7838602	7782456	7712940	7777999	0.81	cps
Arsenic	75-2	71563	71180	71722	71488	0.39	cps
Barium	135-1	8117376	8035719	8071455	8074850	0.51	cps
Barium	137-1	14022445	14157204	14168224	14115958	0.58	cps
Beryllium	9-1	1007185	1006896	1005399	1006493	0.10	cps
Bismuth	209-1	5806663	5753711	5757200	5772525	0.51	cps
Bismuth	209-2	1353197	1351886	1354806	1353296	0.11	cps
Boron	11-1	544140	554776	562970	553962	1.70	cps
Boron	10-1	116553	118074	121234	118620	2.01	cps
Cadmium	106-1	170346	169307	170700	170118	0.43	cps
Cadmium	108-1	114720	115637	115561	115306	0.44	cps
Cadmium	111-1	1621550	1652105	1636005	1636553	0.93	cps
Calcium	43-1	1630878	1631923	1641620	1634807	0.36	cps
Calcium	44-1	26082028	26299851	26270737	26217539	0.45	cps
Chromium	52-2	591394	591502	592085	591661	0.06	cps
Cobalt	59-2	1286152	1292199	1291979	1290110	0.27	cps
Copper	63-2	2243040	2217248	2233246	2231178	0.58	cps
Dysprosium	156-1	83	58	67	69	18.33	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	75	67	33	58	37.80	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	8957888	8976769	9101833	9012163	0.87	cps
Holmium	165-2	1705127	1711837	1711753	1709572	0.23	cps
Indium	115-1	6551355	6478420	6578754	6536176	0.79	cps
Indium	115-2	237671	238946	238367	238328	0.27	cps
Iron	56-2	19571348	19574061	19607987	19584465	0.10	cps
Iron	57-2	498167	496672	499622	498154	0.30	cps
Krypton	83-1	297	320	400	339	15.99	cps
Lead	207-1	4852452	4844392	4801895	4832913	0.56	cps
Lead	208-1	21545474	21592451	21514912	21550946	0.18	cps
Lead	206-1	5272416	5288401	5286630	5282483	0.17	cps
Lithium	6-1	1211292	1208955	1213884	1211377	0.20	cps
Magnesium	24-2	2218034	2233036	2259406	2236825	0.94	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:56:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	329770	329625	327941	329112	0.31	cps
Molybdenum	94-1	12699560	12719719	12672944	12697408	0.18	cps
Molybdenum	95-1	15484448	15536928	15583380	15534919	0.32	cps
Molybdenum	96-1	17414198	17281755	17430045	17375333	0.47	cps
Molybdenum	97-1	9812146	9830982	9776583	9806570	0.28	cps
Molybdenum	98-1	24768013	24868239	25012069	24882774	0.49	cps
Neodymium	150-1	273	353	193	273	29.27	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	374936	377188	377463	376529	0.37	cps
Phosphorus	31-2	5376	5876	5726	5660	4.54	cps
Potassium	39-2	549859	541320	545606	545595	0.78	cps
Rhodium	103-1	5987476	5943991	6061039	5997502	0.99	cps
Rhodium	103-2	1488234	1487379	1488863	1488158	0.05	cps
Scandium	45-1	3818182	3826532	3810625	3818446	0.21	cps
Scandium	45-2	25931	25978	25797	25902	0.36	cps
Selenium	77-2	490	477	483	483	1.38	cps
Selenium	78-2	1522	1620	1661	1601	4.46	cps
Selenium	82-1	99256	99552	99064	99291	0.25	cps
Silicon	28-1	3054976	3058234	3051037	3054749	0.12	cps
Silver	109-1	7428600	7414894	7493239	7445578	0.56	cps
Silver	107-1	7891877	7856292	7830266	7859478	0.39	cps
Sodium	23-2	4936671	4970379	4953090	4953380	0.34	cps
Strontium	86-1	1963747	1943713	1982222	1963228	0.98	cps
Strontium	88-1	16908597	16779054	16934546	16874065	0.49	cps
Sulfur	34-1	809895	809487	806890	808758	0.20	cps
Terbium	159-1	9139890	9210124	9155067	9168360	0.40	cps
Terbium	159-2	1612829	1601522	1592708	1602353	0.63	cps
Thallium	203-1	6547772	6511775	6524785	6528111	0.28	cps
Thallium	205-1	15406169	15467509	15419243	15430974	0.21	cps
Tin	118-1	5351756	5289376	5289929	5310354	0.68	cps
Titanium	47-1	4082181	4023162	4018239	4041194	0.88	cps
Uranium	238-1	21514743	21480600	21472334	21489225	0.10	cps
Vanadium	51-2	440230	442916	441425	441524	0.30	cps
Yttrium	89-1	6878027	6827335	6889244	6864869	0.48	cps
Yttrium	89-2	182600	181815	181627	182014	0.28	cps
Zinc	66-2	196590	194570	196007	195722	0.53	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:56:20	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10823986	10694535	10718652	10745724	0.64	cps
Zirconium	91-1	2399112	2412272	2403172	2404852	0.28	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:59:46	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473548	472646	472737	472977	0.10	cps
Antimony	121-1	22011	21101	19557	20889	5.94	cps
Arsenic	75-2	143	135	89	122	23.81	cps
Barium	135-1	1158	1117	1275	1183	6.94	cps
Barium	137-1	2075	2367	2184	2209	6.68	cps
Beryllium	9-1	744	811	706	754	7.08	cps
Bismuth	209-1	5427512	5329042	5372473	5376342	0.92	cps
Bismuth	209-2	1291575	1276707	1257420	1275234	1.34	cps
Boron	11-1	27586	25549	22643	25259	9.83	cps
Boron	10-1	5851	5960	5210	5674	7.15	cps
Cadmium	106-1	1217	1450	1217	1295	10.41	cps
Cadmium	108-1	50	29	50	43	27.93	cps
Cadmium	111-1	1079	1332	1088	1166	12.32	cps
Calcium	43-1	8245702	8297459	8361084	8301415	0.70	cps
Calcium	44-1	132541270	136270886	135718307	134843488	1.49	cps
Chromium	52-2	19951	20422	20882	20418	2.28	cps
Cobalt	59-2	16340	16083	16226	16216	0.79	cps
Copper	63-2	5968	5615	5651	5745	3.38	cps
Dysprosium	156-1	92	100	75	89	14.32	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	33	58	50	47	26.95	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	125	75	83	94	28.37	cps
Gadolinium	160-2	13	33	20	22	45.83	cps
Holmium	165-1	8751829	8608513	8786902	8715748	1.08	cps
Holmium	165-2	1716354	1716847	1684933	1706045	1.07	cps
Indium	115-1	6326786	6288217	6311755	6308920	0.31	cps
Indium	115-2	244696	242274	241012	242661	0.77	cps
Iron	56-2	100814786	100780533	101155649	100916989	0.21	cps
Iron	57-2	2604709	2600988	2611201	2605633	0.20	cps
Krypton	83-1	320	360	343	341	5.89	cps
Lead	207-1	7458	7747	7174	7460	3.84	cps
Lead	208-1	35209	36182	34647	35346	2.20	cps
Lead	206-1	9287	9176	8920	9128	2.06	cps
Lithium	6-1	1181182	1186159	1203672	1190338	0.99	cps
Magnesium	24-2	11062020	11041629	11103165	11068938	0.28	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:59:46	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1490	1493	1613	1532	4.59	cps
Molybdenum	94-1	12556	12348	12440	12448	0.84	cps
Molybdenum	95-1	20341	19940	19573	19952	1.92	cps
Molybdenum	96-1	21894	21635	22069	21866	1.00	cps
Molybdenum	97-1	13032	12198	12173	12467	3.92	cps
Molybdenum	98-1	32265	32924	31003	32064	3.04	cps
Neodymium	150-1	47	60	113	73	48.11	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	11398	11125	10764	11096	2.87	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	2955729	2919560	2938471	2937920	0.62	cps
Rhodium	103-1	5693478	5656834	5773975	5708096	1.05	cps
Rhodium	103-2	1442169	1427788	1409231	1426396	1.16	cps
Scandium	45-1	3765892	3740799	3799556	3768749	0.78	cps
Scandium	45-2	26579	27053	26315	26649	1.40	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	101	63	88	84	22.64	cps
Silicon	28-1	355120	360755	366270	360715	1.55	cps
Silver	109-1	783	883	758	808	8.18	cps
Silver	107-1	908	775	667	783	15.45	cps
Sodium	23-2	25333406	25432709	25597034	25454383	0.52	cps
Strontium	86-1	9721	10446	9671	9946	4.36	cps
Strontium	88-1	84118	84872	82348	83779	1.55	cps
Sulfur	34-1	340459	347630	349631	345907	1.39	cps
Terbium	159-1	8917242	8825023	8872620	8871629	0.52	cps
Terbium	159-2	1615944	1614286	1585850	1605360	1.05	cps
Thallium	203-1	3309	3034	2834	3059	7.80	cps
Thallium	205-1	8228	6702	6635	7189	12.53	cps
Tin	118-1	6419	6410	5985	6271	3.95	cps
Titanium	47-1	917	725	783	808	12.15	cps
Uranium	238-1	3684	3584	3626	3631	1.38	cps
Vanadium	51-2	170	147	190	169	12.84	cps
Yttrium	89-1	6746788	6654550	6762220	6721186	0.87	cps
Yttrium	89-2	187998	185715	186914	186876	0.61	cps
Zinc	66-2	3257	3260	3367	3295	1.90	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 16:59:46	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3050	2951	2909	2970	2.45	cps
Zirconium	91-1	542	692	700	644	13.83	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:24:42	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2353	2616	2541	2503	5.40	cps
Antimony	121-1	1467104	1468080	1451763	1462316	0.63	cps
Arsenic	75-2	14513	14893	15207	14871	2.33	cps
Barium	135-1	152603	155925	154575	154368	1.08	cps
Barium	137-1	274854	274120	272039	273671	0.53	cps
Beryllium	9-1	104213	103805	104980	104333	0.57	cps
Bismuth	209-1	5607932	5625948	5880095	5704658	2.67	cps
Bismuth	209-2	1388927	1391591	1375078	1385199	0.64	cps
Boron	11-1	3034	3059	3017	3037	0.69	cps
Boron	10-1	675	583	675	644	8.21	cps
Cadmium	106-1	15576	15835	15676	15696	0.83	cps
Cadmium	108-1	9762	9758	9925	9815	0.97	cps
Cadmium	111-1	155982	156482	156070	156178	0.17	cps
Calcium	43-1	33090	32071	32722	32628	1.58	cps
Calcium	44-1	552404	549268	548465	550046	0.38	cps
Chromium	52-2	62405	61833	62285	62174	0.49	cps
Cobalt	59-2	139965	139358	138800	139374	0.42	cps
Copper	63-2	120792	120056	121279	120709	0.51	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	100	50	69	38.57	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	108	33	25	56	82.62	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	8523410	8391225	8708031	8540888	1.86	cps
Holmium	165-2	1691189	1738250	1711103	1713514	1.38	cps
Indium	115-1	6606184	6603732	6742746	6650887	1.20	cps
Indium	115-2	257956	258820	256251	257676	0.51	cps
Iron	56-2	423582	423050	423018	423216	0.07	cps
Iron	57-2	10465	10493	10643	10534	0.91	cps
Krypton	83-1	333	330	310	324	3.89	cps
Lead	207-1	870701	871992	872051	871581	0.09	cps
Lead	208-1	4095708	4072669	4065872	4078083	0.38	cps
Lead	206-1	999082	1000371	1000983	1000145	0.10	cps
Lithium	6-1	1230724	1265120	1257395	1251079	1.44	cps
Magnesium	24-2	27227	27887	27636	27583	1.21	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:24:42	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17404	16954	17585	17314	1.88	cps
Molybdenum	94-1	533	542	583	553	4.85	cps
Molybdenum	95-1	267	292	242	267	9.38	cps
Molybdenum	96-1	500	392	442	444	12.20	cps
Molybdenum	97-1	158	183	125	156	18.81	cps
Molybdenum	98-1	483	542	358	461	20.31	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41224	41254	41311	41263	0.11	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	26668	26267	26108	26348	1.09	cps
Rhodium	103-1	6273748	6126929	6323007	6241228	1.63	cps
Rhodium	103-2	1588877	1624017	1608217	1607037	1.10	cps
Scandium	45-1	3891444	3941750	4034559	3955918	1.84	cps
Scandium	45-2	27674	28836	27634	28048	2.44	cps
Selenium	77-2	73	110	103	96	20.44	cps
Selenium	78-2	335	350	315	333	5.30	cps
Selenium	82-1	19460	19858	19918	19745	1.26	cps
Silicon	28-1	302197	300521	304947	302555	0.74	cps
Silver	109-1	734602	739400	740947	738316	0.45	cps
Silver	107-1	769984	775814	767273	771024	0.57	cps
Sodium	23-2	116087	117650	114625	116121	1.30	cps
Strontium	86-1	4734	5201	5193	5043	5.30	cps
Strontium	88-1	38112	38530	38288	38310	0.55	cps
Sulfur	34-1	366744	369195	366600	367513	0.40	cps
Terbium	159-1	8661147	8674076	8946654	8760626	1.84	cps
Terbium	159-2	1622736	1629515	1639993	1630748	0.53	cps
Thallium	203-1	1247487	1250013	1245607	1247702	0.18	cps
Thallium	205-1	3059165	3054939	3063504	3059203	0.14	cps
Tin	118-1	1208	1092	1167	1156	5.12	cps
Titanium	47-1	100	183	150	144	29.03	cps
Uranium	238-1	58	92	67	72	24.02	cps
Vanadium	51-2	46230	46062	46420	46237	0.39	cps
Yttrium	89-1	6780228	6774280	6925997	6826835	1.26	cps
Yttrium	89-2	194466	193068	191012	192849	0.90	cps
Zinc	66-2	21514	21380	21083	21325	1.03	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:24:42	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	908	975	914	6.40	cps
Zirconium	91-1	150	450	325	308	48.87	cps

LB Number : LB97512 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 17:34:26 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	8	5	11	74.21	cps
Antimony	121-1	1342	1500	1442	1428	5.61	cps
Arsenic	75-2	7	2	6	5	57.32	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	50	75	50	58	24.74	cps
Beryllium	9-1	172	144	133	150	13.35	cps
Bismuth	209-1	5694168	5807712	5763049	5754977	0.99	cps
Bismuth	209-2	1424311	1442964	1413172	1426815	1.06	cps
Boron	11-1	1992	2450	2275	2239	10.33	cps
Boron	10-1	467	492	467	475	3.04	cps
Cadmium	106-1	1167	1275	1183	1208	4.83	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Cadmium	111-1	837	895	830	854	4.17	cps
Calcium	43-1	517	508	408	478	12.62	cps
Calcium	44-1	14800	14842	14366	14669	1.79	cps
Chromium	52-2	370	383	450	401	10.69	cps
Cobalt	59-2	53	40	73	56	30.21	cps
Copper	63-2	233	330	297	287	17.13	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	0	42	28	86.60	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	3	0	13	6	124.93	cps
Holmium	165-1	8631740	8652495	8648073	8644103	0.13	cps
Holmium	165-2	1779821	1777960	1732455	1763412	1.52	cps
Indium	115-1	6601151	6781466	6737036	6706551	1.40	cps
Indium	115-2	263899	265013	260063	262991	0.99	cps
Iron	56-2	1317	1356	1500	1391	6.95	cps
Iron	57-2	28	44	33	35	24.12	cps
Krypton	83-1	333	433	367	378	13.48	cps
Lead	207-1	306	261	261	276	9.30	cps
Lead	208-1	1333	1078	1456	1289	14.96	cps
Lead	206-1	322	267	383	324	18.01	cps
Lithium	6-1	1257411	1280728	1285356	1274499	1.18	cps
Magnesium	24-2	258	200	383	281	33.39	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:34:26	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	100	103	93	15.57	cps
Molybdenum	94-1	308	300	333	314	5.53	cps
Molybdenum	95-1	142	117	267	175	45.92	cps
Molybdenum	96-1	292	267	325	294	9.94	cps
Molybdenum	97-1	108	117	83	103	16.88	cps
Molybdenum	98-1	308	267	325	300	10.02	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	357	313	270	313	13.83	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2292	2534	2450	2425	5.06	cps
Rhodium	103-1	6248025	6310494	6283004	6280508	0.50	cps
Rhodium	103-2	1632641	1656971	1629783	1639799	0.91	cps
Scandium	45-1	3985672	4036011	4014388	4012023	0.63	cps
Scandium	45-2	29150	29705	28592	29149	1.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-4	-112	-9	-42	-147.60	cps
Silicon	28-1	298659	299393	303530	300527	0.87	cps
Silver	109-1	108	83	117	103	16.88	cps
Silver	107-1	58	167	167	131	47.91	cps
Sodium	23-2	8761	8469	8495	8575	1.89	cps
Strontium	86-1	658	425	592	558	21.53	cps
Strontium	88-1	158	125	133	139	12.49	cps
Sulfur	34-1	368580	376961	371781	372441	1.14	cps
Terbium	159-1	8818291	8849469	8974408	8880723	0.93	cps
Terbium	159-2	1678659	1667642	1651461	1665921	0.82	cps
Thallium	203-1	533	525	500	519	3.34	cps
Thallium	205-1	1025	950	1067	1014	5.83	cps
Tin	118-1	983	1142	1100	1075	7.63	cps
Titanium	47-1	92	108	125	108	15.39	cps
Uranium	238-1	42	42	50	44	10.82	cps
Vanadium	51-2	0	3	10	4	114.60	cps
Yttrium	89-1	6872757	6989359	6966992	6943036	0.89	cps
Yttrium	89-2	196786	196949	195643	196459	0.36	cps
Zinc	66-2	77	103	117	99	20.60	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:34:26	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	525	542	561	8.70	cps
Zirconium	91-1	75	58	125	86	40.29	cps

LB Number : LB97512 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 17:37:49 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420198	418816	414646	417886	0.69	cps
Antimony	121-1	9354	9204	9420	9326	1.19	cps
Arsenic	75-2	19	33	26	26	28.56	cps
Barium	135-1	2450	2342	2434	2409	2.42	cps
Barium	137-1	4051	4084	4059	4065	0.43	cps
Beryllium	9-1	411	483	472	456	8.54	cps
Bismuth	209-1	5586701	5612630	5598673	5599335	0.23	cps
Bismuth	209-2	1334646	1306533	1337461	1326213	1.29	cps
Boron	11-1	3451	3451	3476	3459	0.42	cps
Boron	10-1	825	758	717	767	7.13	cps
Cadmium	106-1	1100	1075	1267	1147	9.08	cps
Cadmium	108-1	1008	950	979	979	2.98	cps
Cadmium	111-1	1206	1221	1568	1332	15.39	cps
Calcium	43-1	1619325	1592098	1618537	1609986	0.96	cps
Calcium	44-1	25985345	25842902	26028271	25952173	0.37	cps
Chromium	52-2	12055	12079	12346	12160	1.33	cps
Cobalt	59-2	1557	1583	1553	1565	1.05	cps
Copper	63-2	8726	8740	8740	8735	0.09	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	83	33	25	47	66.82	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	83	33	67	43.31	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	8705050	8819742	8821400	8782064	0.76	cps
Holmium	165-2	1724813	1679577	1731722	1712037	1.65	cps
Indium	115-1	6456469	6505947	6540516	6500978	0.65	cps
Indium	115-2	248343	242717	247340	246133	1.22	cps
Iron	56-2	39739006	39530898	39462758	39577554	0.36	cps
Iron	57-2	1004992	1002265	1001528	1002929	0.18	cps
Krypton	83-1	327	270	380	326	16.90	cps
Lead	207-1	20033	18948	19132	19371	3.00	cps
Lead	208-1	92578	92077	92841	92498	0.42	cps
Lead	206-1	23750	24641	24413	24268	1.91	cps
Lithium	6-1	1206809	1242966	1238471	1229415	1.60	cps
Magnesium	24-2	2250603	2207539	2205258	2221133	1.15	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:37:49	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1347	1347	1477	1390	5.40	cps
Molybdenum	94-1	3395955	3410942	3380176	3395691	0.45	cps
Molybdenum	95-1	5916819	5971058	5963377	5950418	0.49	cps
Molybdenum	96-1	6445623	6404178	6483537	6444446	0.62	cps
Molybdenum	97-1	3781940	3803416	3792934	3792764	0.28	cps
Molybdenum	98-1	9471478	9450105	9535398	9485660	0.47	cps
Neodymium	150-1	33	53	40	42	24.13	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	2250	2370	2267	2296	2.83	cps
Phosphorus	31-2	29916	28471	28789	29059	2.61	cps
Potassium	39-2	1110929	1107460	1106501	1108297	0.21	cps
Rhodium	103-1	5905221	6001498	6022948	5976556	1.05	cps
Rhodium	103-2	1497053	1488581	1531868	1505834	1.52	cps
Scandium	45-1	3868428	3869551	3922271	3886750	0.79	cps
Scandium	45-2	26856	26128	26726	26570	1.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	0	62	-8	18	212.56	cps
Silicon	28-1	409612	406241	409289	408381	0.46	cps
Silver	109-1	367	433	525	442	18.00	cps
Silver	107-1	325	408	558	431	27.46	cps
Sodium	23-2	5066091	5044380	4999991	5036821	0.67	cps
Strontium	86-1	65776	65977	65609	65787	0.28	cps
Strontium	88-1	567274	563829	568321	566475	0.41	cps
Sulfur	34-1	2275223	2269454	2268936	2271204	0.15	cps
Terbium	159-1	8865214	8980487	8881536	8909079	0.70	cps
Terbium	159-2	1640543	1591760	1640255	1624186	1.73	cps
Thallium	203-1	817	692	867	792	11.39	cps
Thallium	205-1	1909	2009	2117	2011	5.18	cps
Tin	118-1	1759	1875	1750	1795	3.89	cps
Titanium	47-1	1634179	1645528	1655331	1645013	0.64	cps
Uranium	238-1	358	458	400	406	12.39	cps
Vanadium	51-2	83	53	90	76	25.85	cps
Yttrium	89-1	6816525	6833516	6826638	6825559	0.13	cps
Yttrium	89-2	186964	183796	187621	186127	1.10	cps
Zinc	66-2	1210	1307	1297	1271	4.18	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:37:49	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4176	3409	3234	3606	13.89	cps
Zirconium	91-1	917	708	742	789	14.19	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:41:07	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417154	411340	413830	414108	0.70	cps
Antimony	121-1	157475	158850	157965	158097	0.44	cps
Arsenic	75-2	1461	1409	1396	1422	2.41	cps
Barium	135-1	34604	34780	33569	34318	1.91	cps
Barium	137-1	60565	59786	59761	60037	0.76	cps
Beryllium	9-1	21722	21433	20860	21338	2.06	cps
Bismuth	209-1	5699173	5609095	5676426	5661565	0.83	cps
Bismuth	209-2	1328888	1376400	1310829	1338706	2.53	cps
Boron	11-1	33774	36121	35604	35167	3.51	cps
Boron	10-1	7210	8128	7686	7675	5.98	cps
Cadmium	106-1	5360	5343	5009	5237	3.77	cps
Cadmium	108-1	3280	3259	3542	3360	4.70	cps
Cadmium	111-1	33570	32741	32644	32985	1.54	cps
Calcium	43-1	1614293	1618751	1614445	1615829	0.16	cps
Calcium	44-1	25874172	26138075	25839825	25950691	0.63	cps
Chromium	52-2	23911	24054	24926	24297	2.26	cps
Cobalt	59-2	28028	27440	27437	27635	1.23	cps
Copper	63-2	31736	31456	31990	31727	0.84	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	8922577	8742378	8950713	8871889	1.27	cps
Holmium	165-2	1724024	1757953	1660608	1714195	2.88	cps
Indium	115-1	6635063	6542872	6624489	6600808	0.76	cps
Indium	115-2	246900	253237	241576	247238	2.36	cps
Iron	56-2	39529968	39499291	39643450	39557569	0.19	cps
Iron	57-2	998022	995455	998738	997405	0.17	cps
Krypton	83-1	393	377	300	357	13.96	cps
Lead	207-1	106414	105182	105401	105666	0.62	cps
Lead	208-1	492922	491786	490486	491731	0.25	cps
Lead	206-1	127730	126720	126798	127083	0.44	cps
Lithium	6-1	1213308	1231799	1247469	1230859	1.39	cps
Magnesium	24-2	2221967	2212228	2179918	2204704	1.00	cps

LB Number : LB97512 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 17:41:07 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4424	4604	4894	4641	5.11	cps
Molybdenum	94-1	3684415	3724706	3708223	3705781	0.55	cps
Molybdenum	95-1	6155018	6142048	6154969	6150678	0.12	cps
Molybdenum	96-1	6594882	6661936	6610250	6622356	0.53	cps
Molybdenum	97-1	3896975	3909398	3887508	3897960	0.28	cps
Molybdenum	98-1	9769199	9870579	9887665	9842481	0.65	cps
Neodymium	150-1	33	33	47	38	20.39	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	9964	9834	9707	9835	1.31	cps
Phosphorus	31-2	29114	29173	29323	29203	0.37	cps
Potassium	39-2	1102496	1095570	1093899	1097322	0.42	cps
Rhodium	103-1	5992694	5945717	6088242	6008884	1.21	cps
Rhodium	103-2	1523936	1572117	1466502	1520852	3.48	cps
Scandium	45-1	3898461	3856852	3872877	3876063	0.54	cps
Scandium	45-2	26832	27397	26358	26863	1.94	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	33	39	37	36	7.77	cps
Selenium	82-1	1959	1935	2040	1978	2.78	cps
Silicon	28-1	590461	593752	585745	589986	0.68	cps
Silver	109-1	141176	141115	141562	141284	0.17	cps
Silver	107-1	146253	147246	146019	146506	0.44	cps
Sodium	23-2	5038857	4954019	4998742	4997206	0.85	cps
Strontium	86-1	172105	173877	171286	172423	0.77	cps
Strontium	88-1	1501518	1520547	1524895	1515653	0.82	cps
Sulfur	34-1	2236184	2244520	2239683	2240129	0.19	cps
Terbium	159-1	9073187	9034249	9126714	9078050	0.51	cps
Terbium	159-2	1624334	1683640	1562099	1623357	3.74	cps
Thallium	203-1	125346	127501	126828	126558	0.87	cps
Thallium	205-1	303847	303946	303494	303763	0.08	cps
Tin	118-1	283680	286404	279982	283356	1.14	cps
Titanium	47-1	1658533	1688047	1665514	1670698	0.92	cps
Uranium	238-1	1125820	1132813	1125827	1128153	0.36	cps
Vanadium	51-2	9073	9030	8663	8922	2.53	cps
Yttrium	89-1	6931237	6819324	6912483	6887682	0.87	cps
Yttrium	89-2	186345	192370	182931	187216	2.55	cps
Zinc	66-2	3367	3350	3010	3243	6.21	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:41:07	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	579311	572971	577809	576697	0.57	cps
Zirconium	91-1	127694	127989	127182	127622	0.32	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:44:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	251120	252317	250621	251352	0.35	cps
Antimony	121-1	3945214	3962492	3894201	3933969	0.90	cps
Arsenic	75-2	37384	37742	37895	37673	0.70	cps
Barium	135-1	4123895	4114700	4157722	4132106	0.55	cps
Barium	137-1	7151734	7152683	7112192	7138870	0.32	cps
Beryllium	9-1	533636	536839	533243	534573	0.37	cps
Bismuth	209-1	5530282	5473977	5566792	5523684	0.85	cps
Bismuth	209-2	1319147	1323399	1333907	1325485	0.57	cps
Boron	11-1	285317	296798	299617	293911	2.58	cps
Boron	10-1	61474	64496	62612	62861	2.43	cps
Cadmium	106-1	85730	84573	85865	85389	0.83	cps
Cadmium	108-1	56724	57091	57493	57103	0.67	cps
Cadmium	111-1	799329	798770	801881	799994	0.21	cps
Calcium	43-1	4122520	4131795	4187404	4147239	0.85	cps
Calcium	44-1	67024331	67436635	67702806	67387924	0.51	cps
Chromium	52-2	326581	324021	326852	325818	0.48	cps
Cobalt	59-2	675633	681216	681307	679385	0.48	cps
Copper	63-2	1135408	1134224	1136808	1135480	0.11	cps
Dysprosium	156-1	92	83	75	83	10.00	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	42	50	75	56	31.22	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	8794987	8782686	8814247	8797307	0.18	cps
Holmium	165-2	1718834	1729886	1735415	1728045	0.49	cps
Indium	115-1	6424449	6453687	6473949	6450695	0.39	cps
Indium	115-2	241559	243933	247256	244250	1.17	cps
Iron	56-2	52054358	51981333	51504198	51846630	0.58	cps
Iron	57-2	1319948	1324045	1315930	1319974	0.31	cps
Krypton	83-1	387	300	343	343	12.62	cps
Lead	207-1	2401881	2394496	2412322	2402900	0.37	cps
Lead	208-1	10819578	10801877	10757164	10792873	0.30	cps
Lead	206-1	2658034	2666129	2648480	2657547	0.33	cps
Lithium	6-1	1208804	1206711	1214567	1210027	0.34	cps
Magnesium	24-2	5716251	5685097	5721781	5707710	0.35	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:44:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	176803	177107	176151	176687	0.28	cps
Molybdenum	94-1	6484746	6566417	6477991	6509718	0.76	cps
Molybdenum	95-1	8001812	7970556	7926962	7966443	0.47	cps
Molybdenum	96-1	8873060	8965184	8857625	8898623	0.65	cps
Molybdenum	97-1	5012626	5103918	5077872	5064805	0.93	cps
Molybdenum	98-1	12820646	12789840	12835648	12815378	0.18	cps
Neodymium	150-1	213	173	220	202	12.48	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	199415	200889	201883	200729	0.62	cps
Phosphorus	31-2	3084	3067	3226	3125	2.78	cps
Potassium	39-2	1479406	1488395	1490534	1486112	0.40	cps
Rhodium	103-1	5859291	5796555	5946641	5867496	1.28	cps
Rhodium	103-2	1471258	1473447	1488534	1477746	0.64	cps
Scandium	45-1	3857181	3849937	3927227	3878115	1.10	cps
Scandium	45-2	27166	26812	27023	27001	0.66	cps
Selenium	77-2	220	230	237	229	3.66	cps
Selenium	78-2	874	870	733	826	9.71	cps
Selenium	82-1	50401	50141	50764	50436	0.62	cps
Silicon	28-1	1923953	1973250	1989779	1962327	1.75	cps
Silver	109-1	3775555	3739955	3744868	3753460	0.51	cps
Silver	107-1	3967417	3927129	3922824	3939123	0.62	cps
Sodium	23-2	13065073	13223839	13145519	13144810	0.60	cps
Strontium	86-1	1000330	1012204	1005416	1005984	0.59	cps
Strontium	88-1	8643879	8722466	8661385	8675910	0.48	cps
Sulfur	34-1	582942	590091	590066	587700	0.70	cps
Terbium	159-1	8871603	8872257	9032783	8925548	1.04	cps
Terbium	159-2	1625792	1617046	1650284	1631041	1.06	cps
Thallium	203-1	3222700	3234858	3233042	3230200	0.20	cps
Thallium	205-1	7684777	7636466	7618619	7646621	0.45	cps
Tin	118-1	2678396	2706005	2684153	2689518	0.54	cps
Titanium	47-1	2121120	2137579	2131621	2130107	0.39	cps
Uranium	238-1	10585269	10719772	10686344	10663795	0.66	cps
Vanadium	51-2	236052	235618	235695	235788	0.10	cps
Yttrium	89-1	6768710	6800028	6933998	6834245	1.28	cps
Yttrium	89-2	187372	187389	189136	187966	0.54	cps
Zinc	66-2	101843	103388	102408	102546	0.76	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:44:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5516313	5563805	5496679	5525599	0.62	cps
Zirconium	91-1	1216035	1223788	1213647	1217823	0.44	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:50:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	10	15	12	24.74	cps
Antimony	121-1	3684	3484	3309	3492	5.37	cps
Arsenic	75-2	4	13	7	8	58.09	cps
Barium	135-1	17	58	42	39	53.93	cps
Barium	137-1	42	83	67	64	32.83	cps
Beryllium	9-1	283	283	322	296	7.58	cps
Bismuth	209-1	5658672	5701762	5715992	5692142	0.52	cps
Bismuth	209-2	1400043	1397403	1370846	1389430	1.16	cps
Boron	11-1	6118	5193	5818	5710	8.27	cps
Boron	10-1	1175	1175	1167	1172	0.41	cps
Cadmium	106-1	1350	1400	1258	1336	5.38	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Cadmium	111-1	956	1016	903	958	5.92	cps
Calcium	43-1	383	517	442	447	14.95	cps
Calcium	44-1	15977	15793	16193	15988	1.25	cps
Chromium	52-2	377	350	327	351	7.13	cps
Cobalt	59-2	53	47	30	43	27.73	cps
Copper	63-2	267	350	420	346	22.22	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	8570589	8581103	8603289	8584994	0.19	cps
Holmium	165-2	1722991	1748041	1684950	1718661	1.85	cps
Indium	115-1	6708783	6507387	6605469	6607213	1.52	cps
Indium	115-2	256648	256288	252437	255124	0.92	cps
Iron	56-2	2345	2222	2400	2322	3.92	cps
Iron	57-2	67	50	61	59	14.32	cps
Krypton	83-1	333	337	400	357	10.53	cps
Lead	207-1	517	517	572	535	5.99	cps
Lead	208-1	2439	2128	2461	2343	7.96	cps
Lead	206-1	622	533	500	552	11.45	cps
Lithium	6-1	1228579	1241463	1211801	1227281	1.21	cps
Magnesium	24-2	325	292	267	294	9.94	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:50:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	87	87	83	6.93	cps
Molybdenum	94-1	1684	1567	1308	1520	12.63	cps
Molybdenum	95-1	1350	1308	1308	1322	1.82	cps
Molybdenum	96-1	1542	1634	1592	1589	2.89	cps
Molybdenum	97-1	900	992	933	942	4.93	cps
Molybdenum	98-1	2434	2342	2059	2278	8.58	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	280	287	292	5.39	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	2884	2625	2675	2728	5.02	cps
Rhodium	103-1	6224716	6209101	6198130	6210649	0.22	cps
Rhodium	103-2	1607499	1617804	1578486	1601263	1.27	cps
Scandium	45-1	3880392	3944688	3907926	3911002	0.82	cps
Scandium	45-2	27704	27965	27053	27574	1.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	27	21	-68	-6	-824.42	cps
Silicon	28-1	293936	297190	294767	295298	0.57	cps
Silver	109-1	250	167	242	219	20.92	cps
Silver	107-1	283	317	167	256	30.82	cps
Sodium	23-2	10179	9854	10037	10023	1.63	cps
Strontium	86-1	492	550	700	581	18.51	cps
Strontium	88-1	167	92	108	122	32.22	cps
Sulfur	34-1	352499	354267	353439	353401	0.25	cps
Terbium	159-1	8750433	8749330	8844920	8781561	0.62	cps
Terbium	159-2	1629051	1623746	1620732	1624509	0.26	cps
Thallium	203-1	1017	850	858	908	10.34	cps
Thallium	205-1	2259	2017	2184	2153	5.75	cps
Tin	118-1	1700	1609	1800	1703	5.63	cps
Titanium	47-1	183	150	100	144	29.04	cps
Uranium	238-1	117	117	83	106	18.23	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	6860988	6798342	6808359	6822563	0.49	cps
Yttrium	89-2	192304	193439	188073	191272	1.48	cps
Zinc	66-2	90	70	67	76	16.70	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:50:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1700	1559	1559	1606	5.09	cps
Zirconium	91-1	358	333	383	358	6.98	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:53:24	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	18	8	12	44.61	cps
Antimony	121-1	1517	1117	1500	1378	16.42	cps
Arsenic	75-2	4	7	6	6	33.38	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	33	58	75	56	37.75	cps
Beryllium	9-1	189	222	289	233	21.82	cps
Bismuth	209-1	5738124	5618958	5741864	5699649	1.23	cps
Bismuth	209-2	1376590	1364446	1376378	1372472	0.51	cps
Boron	11-1	3642	3826	3492	3653	4.57	cps
Boron	10-1	825	892	758	825	8.08	cps
Cadmium	106-1	1308	1192	1258	1253	4.67	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Cadmium	111-1	933	828	891	884	6.00	cps
Calcium	43-1	442	517	367	442	16.98	cps
Calcium	44-1	15526	15217	15292	15345	1.05	cps
Chromium	52-2	407	347	357	370	8.69	cps
Cobalt	59-2	43	43	90	59	45.76	cps
Copper	63-2	400	370	290	353	16.09	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	10	0	10	7	86.60	cps
Holmium	165-1	8714144	8539938	8580691	8611591	1.06	cps
Holmium	165-2	1721807	1683548	1700261	1701872	1.13	cps
Indium	115-1	6648449	6533944	6627979	6603458	0.92	cps
Indium	115-2	257431	252971	254327	254909	0.90	cps
Iron	56-2	1911	1728	2184	1941	11.81	cps
Iron	57-2	33	28	50	37	31.22	cps
Krypton	83-1	310	313	327	317	2.79	cps
Lead	207-1	500	461	494	485	4.34	cps
Lead	208-1	2067	1917	2272	2085	8.56	cps
Lead	206-1	522	528	544	532	2.18	cps
Lithium	6-1	1257204	1223076	1243099	1241126	1.38	cps
Magnesium	24-2	275	408	342	342	19.51	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:53:24	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	110	80	89	20.65	cps
Molybdenum	94-1	758	825	883	822	7.61	cps
Molybdenum	95-1	633	733	708	692	7.52	cps
Molybdenum	96-1	767	867	792	808	6.44	cps
Molybdenum	97-1	458	508	483	483	5.17	cps
Molybdenum	98-1	875	1125	1008	1003	12.48	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	243	227	290	253	12.96	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2592	2475	2534	2534	2.30	cps
Rhodium	103-1	6247779	6088899	6241553	6192744	1.45	cps
Rhodium	103-2	1618376	1588833	1555876	1587695	1.97	cps
Scandium	45-1	3994402	3877943	3928333	3933560	1.48	cps
Scandium	45-2	27487	27681	27798	27655	0.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	33	71	63	56	35.61	cps
Silicon	28-1	388608	297250	298476	328111	15.97	cps
Silver	109-1	150	150	183	161	11.94	cps
Silver	107-1	225	192	233	217	10.18	cps
Sodium	23-2	9270	9637	9579	9495	2.08	cps
Strontium	86-1	583	483	525	531	9.47	cps
Strontium	88-1	108	183	158	150	25.46	cps
Sulfur	34-1	357119	356546	359547	357737	0.45	cps
Terbium	159-1	8882949	8681451	8809878	8791426	1.16	cps
Terbium	159-2	1635904	1596819	1639045	1623923	1.45	cps
Thallium	203-1	717	583	675	658	10.36	cps
Thallium	205-1	1550	1417	1575	1514	5.62	cps
Tin	118-1	1142	1283	1158	1195	6.48	cps
Titanium	47-1	142	117	142	133	10.83	cps
Uranium	238-1	67	67	50	61	15.75	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	6901266	6742594	6878569	6840810	1.25	cps
Yttrium	89-2	192266	189326	190009	190533	0.81	cps
Zinc	66-2	120	70	120	103	27.94	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:53:24	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358	1325	1100	1261	11.14	cps
Zirconium	91-1	225	250	308	261	16.38	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:56:46	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	243	193	208	14.22	cps
Antimony	121-1	30160	31054	30812	30675	1.51	cps
Arsenic	75-2	161	157	150	156	3.62	cps
Barium	135-1	30569	31388	30970	30976	1.32	cps
Barium	137-1	54237	54489	53886	54204	0.56	cps
Beryllium	9-1	2473	2406	2406	2428	1.59	cps
Bismuth	209-1	5709002	5935989	5428949	5691313	4.46	cps
Bismuth	209-2	1397551	1383135	1379629	1386772	0.68	cps
Boron	11-1	27669	28220	29690	28527	3.66	cps
Boron	10-1	6460	6427	6635	6507	1.72	cps
Cadmium	106-1	1625	1734	1642	1667	3.50	cps
Cadmium	108-1	250	292	217	253	14.87	cps
Cadmium	111-1	4067	4272	4177	4172	2.46	cps
Calcium	43-1	16852	15176	16260	16096	5.28	cps
Calcium	44-1	279482	276900	275866	277416	0.67	cps
Chromium	52-2	3194	3040	3204	3146	2.91	cps
Cobalt	59-2	2890	2747	2907	2848	3.09	cps
Copper	63-2	5261	5308	5101	5223	2.08	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	75	33	47	50.95	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	50	33	75	53	39.74	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	8558472	8774340	8159316	8497376	3.67	cps
Holmium	165-2	1721377	1703686	1716064	1713709	0.53	cps
Indium	115-1	6694404	6797813	6343641	6611953	3.60	cps
Indium	115-2	258527	257453	258723	258234	0.26	cps
Iron	56-2	188647	188489	191545	189561	0.91	cps
Iron	57-2	4823	5107	5412	5114	5.76	cps
Krypton	83-1	293	353	383	343	13.35	cps
Lead	207-1	9954	9921	9704	9860	1.38	cps
Lead	208-1	42779	43519	44338	43545	1.79	cps
Lead	206-1	10171	11038	10571	10594	4.10	cps
Lithium	6-1	1245169	1263363	1196930	1235154	2.78	cps
Magnesium	24-2	23187	23863	23929	23660	1.74	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:56:46	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373	467	437	426	11.20	cps
Molybdenum	94-1	27270	26719	27646	27211	1.71	cps
Molybdenum	95-1	30861	30736	30368	30655	0.84	cps
Molybdenum	96-1	34746	35172	34837	34918	0.64	cps
Molybdenum	97-1	19031	19206	20149	19462	3.09	cps
Molybdenum	98-1	49140	50119	49366	49542	1.03	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1217	1200	1070	1162	6.91	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	14200	14033	13949	14060	0.91	cps
Rhodium	103-1	6267235	6385147	5876909	6176430	4.31	cps
Rhodium	103-2	1637574	1602472	1597129	1612392	1.36	cps
Scandium	45-1	3985005	4045763	3723439	3918069	4.37	cps
Scandium	45-2	28349	27948	27838	28045	0.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	28	30	9	22	50.69	cps
Selenium	82-1	1001	1000	934	978	3.91	cps
Silicon	28-1	399605	398890	400151	399548	0.16	cps
Silver	109-1	15042	15009	15193	15081	0.65	cps
Silver	107-1	15785	15827	16069	15893	0.96	cps
Sodium	23-2	62739	62898	63969	63202	1.06	cps
Strontium	86-1	4601	4634	4651	4629	0.55	cps
Strontium	88-1	34495	33743	34419	34219	1.21	cps
Sulfur	34-1	361400	358837	363736	361324	0.68	cps
Terbium	159-1	8866338	9003263	8316536	8728713	4.16	cps
Terbium	159-2	1648505	1616176	1623222	1629301	1.04	cps
Thallium	203-1	13499	13266	13266	13344	1.01	cps
Thallium	205-1	30037	31616	30472	30708	2.66	cps
Tin	118-1	52145	51442	52428	52005	0.98	cps
Titanium	47-1	7986	8603	8453	8347	3.86	cps
Uranium	238-1	40425	39205	40149	39926	1.60	cps
Vanadium	51-2	4544	4701	4417	4554	3.12	cps
Yttrium	89-1	6907107	7023030	6525433	6818523	3.82	cps
Yttrium	89-2	193716	190627	191711	192018	0.82	cps
Zinc	66-2	513	553	627	564	10.18	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112040BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 17:56:46	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26360	25049	25642	25683	2.56	cps
Zirconium	91-1	5952	5501	5510	5654	4.55	cps

LB Number : LB97512 Operator : Jaswal
 Lab Sample ID : PB112039BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 18:00:08 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	5	20	12	65.49	cps
Antimony	121-1	808	700	842	783	9.46	cps
Arsenic	75-2	7	2	2	4	86.68	cps
Barium	135-1	42	17	25	28	45.82	cps
Barium	137-1	25	83	50	53	55.46	cps
Beryllium	9-1	194	139	167	167	16.67	cps
Bismuth	209-1	5888167	5671865	5729413	5763148	1.94	cps
Bismuth	209-2	1406562	1386145	1414204	1402304	1.03	cps
Boron	11-1	4017	3501	3717	3745	6.93	cps
Boron	10-1	783	833	783	800	3.61	cps
Cadmium	106-1	1125	1350	1283	1253	9.23	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Cadmium	111-1	783	942	905	876	9.48	cps
Calcium	43-1	458	317	417	397	18.33	cps
Calcium	44-1	14258	15117	15334	14903	3.82	cps
Chromium	52-2	360	447	387	398	11.16	cps
Cobalt	59-2	27	63	37	42	44.88	cps
Copper	63-2	313	337	320	323	3.72	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8834017	8541315	8563804	8646379	1.88	cps
Holmium	165-2	1722855	1728618	1745364	1732279	0.67	cps
Indium	115-1	6809352	6640998	6667397	6705915	1.35	cps
Indium	115-2	261643	260233	263668	261848	0.66	cps
Iron	56-2	1683	1761	1622	1689	4.12	cps
Iron	57-2	22	67	44	44	50.00	cps
Krypton	83-1	273	363	323	320	14.09	cps
Lead	207-1	406	289	333	343	17.19	cps
Lead	208-1	1695	1367	1328	1463	13.77	cps
Lead	206-1	333	361	350	348	4.02	cps
Lithium	6-1	1250280	1248251	1244900	1247810	0.22	cps
Magnesium	24-2	308	375	375	353	10.91	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:00:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	63	77	72	10.66	cps
Molybdenum	94-1	558	558	525	547	3.52	cps
Molybdenum	95-1	408	408	333	383	11.30	cps
Molybdenum	96-1	483	483	333	433	19.99	cps
Molybdenum	97-1	208	217	233	219	5.80	cps
Molybdenum	98-1	417	492	525	478	11.61	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	293	267	247	269	8.71	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2500	2742	2342	2528	7.97	cps
Rhodium	103-1	6284494	6170620	6184991	6213368	1.00	cps
Rhodium	103-2	1640347	1614132	1639228	1631236	0.91	cps
Scandium	45-1	4058318	3947339	3988171	3997943	1.40	cps
Scandium	45-2	28379	27788	29605	28590	3.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	62	-13	29	26	144.36	cps
Silicon	28-1	297466	296130	295772	296456	0.30	cps
Silver	109-1	150	75	108	111	33.82	cps
Silver	107-1	167	100	150	139	24.98	cps
Sodium	23-2	9287	9070	9012	9123	1.59	cps
Strontium	86-1	475	567	658	567	16.18	cps
Strontium	88-1	158	125	167	150	14.70	cps
Sulfur	34-1	363715	363550	363348	363538	0.05	cps
Terbium	159-1	8985528	8750786	8809097	8848470	1.38	cps
Terbium	159-2	1636783	1648721	1656609	1647371	0.61	cps
Thallium	203-1	500	408	533	481	13.47	cps
Thallium	205-1	1083	925	1183	1064	12.24	cps
Tin	118-1	1308	1100	1008	1139	13.50	cps
Titanium	47-1	83	92	125	100	22.05	cps
Uranium	238-1	42	8	17	22	78.07	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	7061207	6893187	6950378	6968257	1.23	cps
Yttrium	89-2	192982	192564	196278	193942	1.05	cps
Zinc	66-2	87	97	93	92	5.52	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:00:08	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1050	808	883	914	13.54	cps
Zirconium	91-1	200	233	208	214	8.11	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:03:31	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	185	213	196	7.48	cps
Antimony	121-1	30619	29801	29617	30012	1.78	cps
Arsenic	75-2	172	133	159	155	12.78	cps
Barium	135-1	31614	31455	31380	31483	0.38	cps
Barium	137-1	53434	56221	54906	54854	2.54	cps
Beryllium	9-1	2167	2117	2145	2143	1.17	cps
Bismuth	209-1	5785535	5702617	5702754	5730302	0.83	cps
Bismuth	209-2	1410662	1313243	1416468	1380124	4.20	cps
Boron	11-1	27577	29231	28630	28479	2.94	cps
Boron	10-1	5943	6427	6652	6341	5.71	cps
Cadmium	106-1	1634	1609	1383	1542	8.93	cps
Cadmium	108-1	225	229	171	208	15.62	cps
Cadmium	111-1	4024	4112	4220	4119	2.39	cps
Calcium	43-1	16744	17328	17169	17080	1.77	cps
Calcium	44-1	276068	278445	277450	277321	0.43	cps
Chromium	52-2	3184	3204	3050	3146	2.65	cps
Cobalt	59-2	3097	3087	2830	3005	5.03	cps
Copper	63-2	5234	5151	4944	5110	2.92	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	50	50	58	24.74	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	8773614	8605348	8604936	8661300	1.12	cps
Holmium	165-2	1749510	1663711	1742581	1718601	2.77	cps
Indium	115-1	6764712	6598081	6747454	6703415	1.37	cps
Indium	115-2	260970	248435	264186	257864	3.23	cps
Iron	56-2	191586	190792	191614	191331	0.24	cps
Iron	57-2	4751	4679	4957	4795	3.01	cps
Krypton	83-1	297	307	360	321	10.60	cps
Lead	207-1	9248	9760	9270	9426	3.07	cps
Lead	208-1	41795	42746	42118	42220	1.15	cps
Lead	206-1	10032	10410	10049	10164	2.10	cps
Lithium	6-1	1250586	1261010	1235453	1249017	1.03	cps
Magnesium	24-2	24104	23863	23587	23851	1.09	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:03:31	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	400	453	423	426	6.28	cps
Molybdenum	94-1	26468	26669	25984	26374	1.34	cps
Molybdenum	95-1	31153	30970	30201	30775	1.64	cps
Molybdenum	96-1	34286	33860	34620	34255	1.11	cps
Molybdenum	97-1	19031	19807	19665	19501	2.12	cps
Molybdenum	98-1	49140	49642	49449	49410	0.51	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1150	1217	1203	1190	2.96	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	14608	14558	15718	14961	4.38	cps
Rhodium	103-1	6312045	6217874	6280005	6269975	0.76	cps
Rhodium	103-2	1639576	1549428	1629026	1606010	3.07	cps
Scandium	45-1	4053472	3967375	3976806	3999218	1.18	cps
Scandium	45-2	28840	26736	29000	28192	4.48	cps
Selenium	77-2	10	7	23	13	66.12	cps
Selenium	78-2	13	19	9	14	34.32	cps
Selenium	82-1	1065	1080	972	1039	5.62	cps
Silicon	28-1	398279	402857	399099	400078	0.61	cps
Silver	109-1	15351	15193	15218	15254	0.56	cps
Silver	107-1	15718	15802	15576	15699	0.73	cps
Sodium	23-2	63710	63559	63392	63554	0.25	cps
Strontium	86-1	4926	4309	4493	4576	6.92	cps
Strontium	88-1	34495	34612	34988	34698	0.74	cps
Sulfur	34-1	371050	371076	367176	369768	0.61	cps
Terbium	159-1	8993095	8804741	8854318	8884051	1.10	cps
Terbium	159-2	1661442	1572581	1666310	1633444	3.23	cps
Thallium	203-1	12899	12307	12131	12446	3.23	cps
Thallium	205-1	30429	30337	31148	30638	1.45	cps
Tin	118-1	50781	53297	52102	52060	2.42	cps
Titanium	47-1	8686	8553	8995	8745	2.59	cps
Uranium	238-1	38461	38803	39648	38970	1.57	cps
Vanadium	51-2	4564	4631	4808	4668	2.69	cps
Yttrium	89-1	6989000	6877475	6973114	6946530	0.87	cps
Yttrium	89-2	197099	187427	195765	193430	2.71	cps
Zinc	66-2	547	650	593	597	8.67	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	PB112039BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:03:31	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	23304	22277	23421	23001	2.74	cps
Zirconium	91-1	5451	5126	5076	5218	3.90	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-08	Instrumnet Name :	P8
Client Sample ID :	MA3YQ6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:06:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	13	13	13	10.83	cps
Antimony	121-1	517	383	417	439	15.81	cps
Arsenic	75-2	6	6	13	8	53.23	cps
Barium	135-1	50	25	25	33	43.30	cps
Barium	137-1	50	33	42	42	20.00	cps
Beryllium	9-1	189	117	139	148	24.97	cps
Bismuth	209-1	6543610	6360385	6455686	6453227	1.42	cps
Bismuth	209-2	1591146	1606650	1553756	1583851	1.72	cps
Boron	11-1	2984	3100	2867	2984	3.91	cps
Boron	10-1	742	700	792	744	6.16	cps
Cadmium	106-1	1325	1442	1400	1389	4.26	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	955	1015	995	988	3.07	cps
Calcium	43-1	433	542	500	492	11.11	cps
Calcium	44-1	17211	15951	16277	16480	3.97	cps
Chromium	52-2	430	353	300	361	18.10	cps
Cobalt	59-2	63	50	50	54	14.14	cps
Copper	63-2	357	307	257	307	16.31	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	25	58	44	39.04	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	9958175	9530112	9780848	9756378	2.20	cps
Holmium	165-2	1948873	1965010	1883770	1932551	2.23	cps
Indium	115-1	7767670	7426991	7628548	7607736	2.25	cps
Indium	115-2	292954	293865	286240	291020	1.43	cps
Iron	56-2	1472	1661	1422	1519	8.30	cps
Iron	57-2	72	39	56	56	30.00	cps
Krypton	83-1	387	350	320	352	9.48	cps
Lead	207-1	683	539	589	604	12.15	cps
Lead	208-1	3150	2850	2484	2828	11.81	cps
Lead	206-1	828	750	522	700	22.69	cps
Lithium	6-1	1414894	1374217	1403238	1397450	1.50	cps
Magnesium	24-2	358	383	358	367	3.94	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-08	Instrumnet Name :	P8
Client Sample ID :	MA3YQ6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:06:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	73	80	76	5.09	cps
Molybdenum	94-1	442	350	317	369	17.52	cps
Molybdenum	95-1	200	233	258	231	12.69	cps
Molybdenum	96-1	492	300	225	339	40.58	cps
Molybdenum	97-1	158	133	200	164	20.55	cps
Molybdenum	98-1	425	433	367	408	8.90	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	280	300	279	7.78	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2575	2500	2575	2550	1.70	cps
Rhodium	103-1	7293254	7037420	7110963	7147212	1.84	cps
Rhodium	103-2	1847228	1846171	1786086	1826495	1.92	cps
Scandium	45-1	4633908	4355439	4562300	4517216	3.20	cps
Scandium	45-2	31716	32227	31906	31950	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-15	9	71	22	203.98	cps
Silicon	28-1	276227	271622	275101	274316	0.88	cps
Silver	109-1	108	125	150	128	16.41	cps
Silver	107-1	142	100	108	117	18.89	cps
Sodium	23-2	8461	9295	9545	9101	6.24	cps
Strontium	86-1	575	500	550	542	7.05	cps
Strontium	88-1	217	250	242	236	7.35	cps
Sulfur	34-1	358016	364049	358238	360101	0.95	cps
Terbium	159-1	10114093	9798596	10002406	9971698	1.60	cps
Terbium	159-2	1870365	1848282	1789261	1835970	2.28	cps
Thallium	203-1	358	342	300	333	9.01	cps
Thallium	205-1	792	917	783	831	8.99	cps
Tin	118-1	833	692	750	758	9.39	cps
Titanium	47-1	125	75	92	97	26.19	cps
Uranium	238-1	17	42	33	31	41.66	cps
Vanadium	51-2	0	17	17	11	86.60	cps
Yttrium	89-1	8015437	7738904	7858722	7871021	1.76	cps
Yttrium	89-2	219404	220677	215437	218506	1.25	cps
Zinc	66-2	160	133	157	150	9.68	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-08	Instrumnet Name :	P8
Client Sample ID :	MA3YQ6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:06:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	700	667	558	642	11.54	cps
Zirconium	91-1	100	167	150	139	24.98	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-01	Instrumnet Name :	P8
Client Sample ID :	MA3YQ4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:10:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7707	7456	7244	7469	3.10	cps
Antimony	121-1	813688	809704	813943	812445	0.29	cps
Arsenic	75-2	76	94	81	84	11.32	cps
Barium	135-1	2859	2759	2834	2817	1.85	cps
Barium	137-1	5051	5060	4826	4979	2.66	cps
Beryllium	9-1	19870	19358	19541	19590	1.32	cps
Bismuth	209-1	5808248	5868590	5609186	5762008	2.36	cps
Bismuth	209-2	1403582	1369392	1395482	1389485	1.29	cps
Boron	11-1	4134	4151	4334	4206	2.64	cps
Boron	10-1	833	925	950	903	6.80	cps
Cadmium	106-1	2725	2725	2492	2648	5.09	cps
Cadmium	108-1	892	888	963	914	4.61	cps
Cadmium	111-1	15245	15215	14999	15153	0.89	cps
Calcium	43-1	6310	6460	6377	6382	1.18	cps
Calcium	44-1	116312	113608	117633	115851	1.77	cps
Chromium	52-2	17004	17705	17034	17248	2.30	cps
Cobalt	59-2	61318	61331	61134	61261	0.18	cps
Copper	63-2	40476	40195	40469	40380	0.40	cps
Dysprosium	156-1	333	450	308	364	20.78	cps
Dysprosium	156-2	87	73	113	91	22.36	cps
Erbium	164-1	225	233	217	225	3.70	cps
Erbium	164-2	37	63	43	48	29.04	cps
Gadolinium	160-1	408	367	375	383	5.75	cps
Gadolinium	160-2	77	90	57	74	22.53	cps
Holmium	165-1	8722696	8918534	8581113	8740781	1.94	cps
Holmium	165-2	1766064	1713150	1744545	1741253	1.53	cps
Indium	115-1	6749524	6922096	6637653	6769758	2.12	cps
Indium	115-2	262999	255412	259781	259397	1.47	cps
Iron	56-2	91649	91158	91286	91364	0.28	cps
Iron	57-2	2550	2506	2306	2454	5.31	cps
Krypton	83-1	337	310	400	349	13.25	cps
Lead	207-1	141951	141490	141053	141498	0.32	cps
Lead	208-1	665218	664033	666714	665322	0.20	cps
Lead	206-1	172556	171807	171728	172030	0.27	cps
Lithium	6-1	1259314	1268950	1242438	1256900	1.07	cps
Magnesium	24-2	122372	120281	122028	121561	0.92	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-01	Instrumnet Name :	P8
Client Sample ID :	MA3YQ4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:10:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	390	427	467	428	8.96	cps
Molybdenum	94-1	5201	5193	5285	5226	0.97	cps
Molybdenum	95-1	333	317	375	342	8.79	cps
Molybdenum	96-1	1183	1142	1108	1145	3.28	cps
Molybdenum	97-1	200	217	225	214	5.95	cps
Molybdenum	98-1	458	600	425	494	18.79	cps
Neodymium	150-1	567	673	613	618	8.66	cps
Neodymium	150-2	77	57	70	68	15.02	cps
Nickel	60-2	530	620	530	560	9.28	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	90390	88712	91740	90281	1.68	cps
Rhodium	103-1	6418174	6488902	6206420	6371166	2.31	cps
Rhodium	103-2	1641144	1591836	1604926	1612635	1.58	cps
Scandium	45-1	4121365	4184039	4006274	4103893	2.20	cps
Scandium	45-2	29368	27657	29221	28749	3.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	18	80	-57	14	501.77	cps
Silicon	28-1	848664	932419	910483	897189	4.84	cps
Silver	109-1	238665	239395	243024	240361	0.97	cps
Silver	107-1	251941	249715	251770	251142	0.49	cps
Sodium	23-2	322950	323324	319456	321910	0.66	cps
Strontium	86-1	5210	5160	5051	5140	1.58	cps
Strontium	88-1	40637	38948	39416	39667	2.20	cps
Sulfur	34-1	363695	362321	358470	361495	0.75	cps
Terbium	159-1	8980369	9145519	8857764	8994551	1.61	cps
Terbium	159-2	1671135	1624018	1634221	1643125	1.51	cps
Thallium	203-1	1142	1292	1267	1233	6.52	cps
Thallium	205-1	3067	2817	3142	3009	5.66	cps
Tin	118-1	5660	5852	5885	5799	2.09	cps
Titanium	47-1	1800	1892	2025	1906	5.94	cps
Uranium	238-1	650	675	658	661	1.93	cps
Vanadium	51-2	250	267	303	273	9.98	cps
Yttrium	89-1	7080958	7127291	6840035	7016095	2.20	cps
Yttrium	89-2	196798	193874	194902	195191	0.76	cps
Zinc	66-2	6552	6552	6388	6497	1.45	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-01	Instrumnet Name :	P8
Client Sample ID :	MA3YQ4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:10:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14166	14467	14016	14216	1.61	cps
Zirconium	91-1	3384	3175	3559	3373	5.69	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-03	Instrumnet Name :	P8
Client Sample ID :	MA3YQ8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:13:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34934	34688	35192	34938	0.72	cps
Antimony	121-1	1108	1083	1042	1078	3.12	cps
Arsenic	75-2	181	209	196	196	7.10	cps
Barium	135-1	59409	59577	60305	59764	0.80	cps
Barium	137-1	103302	104544	105797	104548	1.19	cps
Beryllium	9-1	728	694	800	741	7.28	cps
Bismuth	209-1	5825044	5892033	5796493	5837857	0.84	cps
Bismuth	209-2	1391657	1396722	1283755	1357378	4.70	cps
Boron	11-1	2659	2550	2409	2539	4.94	cps
Boron	10-1	642	583	433	553	19.44	cps
Cadmium	106-1	1417	1542	1200	1386	12.47	cps
Cadmium	108-1	21	33	33	29	24.75	cps
Cadmium	111-1	1136	1218	992	1115	10.29	cps
Calcium	43-1	8836	9128	9412	9126	3.15	cps
Calcium	44-1	163450	161698	161232	162127	0.72	cps
Chromium	52-2	8353	8690	8626	8556	2.09	cps
Cobalt	59-2	6078	5825	5868	5924	2.29	cps
Copper	63-2	13213	13020	13313	13182	1.13	cps
Dysprosium	156-1	34722	36351	35006	35360	2.46	cps
Dysprosium	156-2	6922	6809	6955	6895	1.12	cps
Erbium	164-1	28607	27246	27304	27719	2.78	cps
Erbium	164-2	4928	5081	4918	4975	1.84	cps
Gadolinium	160-1	32701	33168	31739	32536	2.24	cps
Gadolinium	160-2	8153	8006	7949	8036	1.31	cps
Holmium	165-1	8860863	8842860	8791086	8831603	0.41	cps
Holmium	165-2	1705091	1718753	1588447	1670764	4.29	cps
Indium	115-1	6685287	6862491	6630390	6726056	1.80	cps
Indium	115-2	255668	255451	236507	249209	4.41	cps
Iron	56-2	5775427	5728826	5730624	5744959	0.46	cps
Iron	57-2	145939	143811	146085	145278	0.88	cps
Krypton	83-1	343	380	310	344	10.16	cps
Lead	207-1	27993	27558	28415	27989	1.53	cps
Lead	208-1	134705	135499	137044	135749	0.88	cps
Lead	206-1	34732	35210	35105	35016	0.72	cps
Lithium	6-1	1265323	1278406	1247255	1263661	1.24	cps
Magnesium	24-2	51753	51461	51243	51486	0.50	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-03	Instrumnet Name :	P8
Client Sample ID :	MA3YQ8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:13:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23580	23687	23443	23570	0.52	cps
Molybdenum	94-1	4017	4226	3801	4015	5.30	cps
Molybdenum	95-1	2284	1917	1992	2064	9.39	cps
Molybdenum	96-1	2759	2892	2559	2737	6.13	cps
Molybdenum	97-1	1258	1325	1358	1314	3.88	cps
Molybdenum	98-1	3509	3326	3467	3434	2.80	cps
Neodymium	150-1	61638	62603	62268	62170	0.79	cps
Neodymium	150-2	7536	7412	7189	7379	2.38	cps
Nickel	60-2	2990	3004	2887	2960	2.16	cps
Phosphorus	31-2	158	67	100	108	42.83	cps
Potassium	39-2	13590	13991	14041	13874	1.78	cps
Rhodium	103-1	6276183	6372419	6272043	6306882	0.90	cps
Rhodium	103-2	1614428	1624258	1485622	1574769	4.91	cps
Scandium	45-1	3995508	4065799	3972981	4011430	1.21	cps
Scandium	45-2	28526	27474	26172	27390	4.31	cps
Selenium	77-2	37	30	30	32	11.95	cps
Selenium	78-2	20	15	11	15	30.21	cps
Selenium	82-1	128	16	147	97	72.70	cps
Silicon	28-1	12022808	12010365	11990834	12008002	0.13	cps
Silver	109-1	1458	1759	2042	1753	16.64	cps
Silver	107-1	1592	1992	1850	1811	11.20	cps
Sodium	23-2	19230	19706	19714	19550	1.42	cps
Strontium	86-1	9220	9345	8870	9145	2.69	cps
Strontium	88-1	73087	73833	73323	73414	0.52	cps
Sulfur	34-1	335790	329764	326041	330532	1.49	cps
Terbium	159-1	8995364	8953750	9002664	8983926	0.29	cps
Terbium	159-2	1645653	1646016	1522772	1604813	4.43	cps
Thallium	203-1	1308	1358	1442	1370	4.92	cps
Thallium	205-1	2775	3301	3451	3176	11.16	cps
Tin	118-1	4651	4293	4368	4437	4.26	cps
Titanium	47-1	618431	614827	620067	617775	0.43	cps
Uranium	238-1	36078	35527	35886	35830	0.78	cps
Vanadium	51-2	10694	10828	10214	10579	3.05	cps
Yttrium	89-1	7273990	7351349	7243398	7289579	0.76	cps
Yttrium	89-2	202360	200843	184891	196031	4.94	cps
Zinc	66-2	3954	3727	4024	3902	3.98	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-03	Instrumnet Name :	P8
Client Sample ID :	MA3YQ8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:13:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8153	8086	7869	8036	1.84	cps
Zirconium	91-1	1634	1675	1559	1622	3.64	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-04	Instrumnet Name :	P8
Client Sample ID :	MA3YR4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:17:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51997	51957	51337	51764	0.71	cps
Antimony	121-1	2817	2984	2809	2870	3.44	cps
Arsenic	75-2	276	281	202	253	17.57	cps
Barium	135-1	147943	148739	146132	147605	0.91	cps
Barium	137-1	259217	258741	257037	258332	0.44	cps
Beryllium	9-1	978	1050	983	1004	4.00	cps
Bismuth	209-1	5861805	6034049	5759583	5885146	2.36	cps
Bismuth	209-2	1399312	1414027	1415572	1409637	0.64	cps
Boron	11-1	4184	4009	4559	4251	6.61	cps
Boron	10-1	842	1092	1200	1045	17.60	cps
Cadmium	106-1	1409	1242	1308	1320	6.36	cps
Cadmium	108-1	17	29	8	18	58.09	cps
Cadmium	111-1	1120	1016	1048	1061	5.05	cps
Calcium	43-1	41721	42122	42407	42083	0.82	cps
Calcium	44-1	684888	684162	680421	683157	0.35	cps
Chromium	52-2	11108	11275	11361	11248	1.15	cps
Cobalt	59-2	8193	8162	8036	8130	1.02	cps
Copper	63-2	20322	21013	21066	20800	2.00	cps
Dysprosium	156-1	41475	40940	41308	41241	0.66	cps
Dysprosium	156-2	8546	8470	8369	8462	1.05	cps
Erbium	164-1	37522	37923	38642	38029	1.49	cps
Erbium	164-2	7225	7135	6879	7080	2.54	cps
Gadolinium	160-1	41225	41660	40623	41169	1.26	cps
Gadolinium	160-2	10318	10558	10711	10529	1.88	cps
Holmium	165-1	8954431	9076547	8744773	8925250	1.88	cps
Holmium	165-2	1740790	1755708	1768426	1754975	0.79	cps
Indium	115-1	6830632	6868072	6756094	6818266	0.84	cps
Indium	115-2	254976	253858	257498	255444	0.73	cps
Iron	56-2	6605519	6589171	6488786	6561158	0.96	cps
Iron	57-2	165655	166786	162502	164981	1.35	cps
Krypton	83-1	420	403	430	418	3.22	cps
Lead	207-1	147744	148261	146655	147553	0.56	cps
Lead	208-1	715317	716618	714376	715437	0.16	cps
Lead	206-1	191584	191353	193309	192082	0.56	cps
Lithium	6-1	1288451	1286937	1252456	1275948	1.60	cps
Magnesium	24-2	75066	73599	74345	74337	0.99	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-04	Instrumnet Name :	P8
Client Sample ID :	MA3YR4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:17:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38105	38062	38563	38244	0.73	cps
Molybdenum	94-1	6193	5826	6093	6038	3.14	cps
Molybdenum	95-1	1684	1709	1975	1789	9.04	cps
Molybdenum	96-1	3276	3042	3109	3142	3.83	cps
Molybdenum	97-1	1117	1200	1267	1195	6.29	cps
Molybdenum	98-1	3025	3476	3234	3245	6.94	cps
Neodymium	150-1	64030	64920	65430	64793	1.09	cps
Neodymium	150-2	7829	7652	7812	7765	1.26	cps
Nickel	60-2	4411	4387	4417	4405	0.36	cps
Phosphorus	31-2	250	183	167	200	22.05	cps
Potassium	39-2	14692	14333	13766	14263	3.27	cps
Rhodium	103-1	6360944	6460673	6299441	6373686	1.28	cps
Rhodium	103-2	1616049	1614720	1616940	1615903	0.07	cps
Scandium	45-1	4007743	4086494	3933306	4009181	1.91	cps
Scandium	45-2	27577	28021	27604	27734	0.90	cps
Selenium	77-2	23	47	47	39	34.65	cps
Selenium	78-2	17	19	20	19	9.99	cps
Selenium	82-1	36	30	-51	5	998.12	cps
Silicon	28-1	13880140	13773231	13737392	13796921	0.54	cps
Silver	109-1	1342	1550	1859	1584	16.42	cps
Silver	107-1	1775	1850	1759	1795	2.72	cps
Sodium	23-2	22418	22627	22110	22385	1.16	cps
Strontium	86-1	27370	27420	27487	27426	0.21	cps
Strontium	88-1	232144	230306	232372	231607	0.49	cps
Sulfur	34-1	320374	319157	316752	318761	0.58	cps
Terbium	159-1	9111044	9288599	8949801	9116482	1.86	cps
Terbium	159-2	1653927	1669883	1685717	1669843	0.95	cps
Thallium	203-1	1092	1367	1317	1258	11.64	cps
Thallium	205-1	3001	3067	3092	3053	1.55	cps
Tin	118-1	12315	11622	12173	12037	3.04	cps
Titanium	47-1	421801	420625	423462	421963	0.34	cps
Uranium	238-1	74104	73191	74775	74023	1.07	cps
Vanadium	51-2	13734	13700	13710	13715	0.12	cps
Yttrium	89-1	7515921	7594065	7431945	7513977	1.08	cps
Yttrium	89-2	204365	204961	205818	205048	0.36	cps
Zinc	66-2	11742	11698	11748	11730	0.23	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-04	Instrumnet Name :	P8
Client Sample ID :	MA3YR4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:17:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14417	13716	13791	13975	2.76	cps
Zirconium	91-1	3267	3192	3051	3170	3.47	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05	Instrumnet Name :	P8
Client Sample ID :	MA3YR7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:20:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65438	65265	64609	65104	0.67	cps
Antimony	121-1	825	1075	1067	989	14.36	cps
Arsenic	75-2	206	269	222	232	14.05	cps
Barium	135-1	137768	138173	136817	137586	0.51	cps
Barium	137-1	240634	239593	245946	242057	1.41	cps
Beryllium	9-1	945	995	1028	989	4.24	cps
Bismuth	209-1	6014038	5990732	5896651	5967140	1.04	cps
Bismuth	209-2	1415446	1395362	1396243	1402350	0.81	cps
Boron	11-1	2309	2484	2459	2417	3.92	cps
Boron	10-1	483	550	517	517	6.45	cps
Cadmium	106-1	1467	1467	1433	1456	1.32	cps
Cadmium	108-1	38	17	38	31	39.36	cps
Cadmium	111-1	1084	1107	1119	1103	1.61	cps
Calcium	43-1	20825	20975	20891	20897	0.36	cps
Calcium	44-1	354184	352803	353488	353492	0.20	cps
Chromium	52-2	12873	13313	13397	13194	2.13	cps
Cobalt	59-2	7572	7802	7622	7666	1.58	cps
Copper	63-2	11522	11528	11642	11564	0.58	cps
Dysprosium	156-1	61897	60976	61345	61406	0.75	cps
Dysprosium	156-2	13170	12556	12780	12835	2.42	cps
Erbium	164-1	56616	55469	56114	56066	1.03	cps
Erbium	164-2	9844	10324	10071	10080	2.38	cps
Gadolinium	160-1	61395	60994	61521	61303	0.45	cps
Gadolinium	160-2	15299	15736	15973	15670	2.18	cps
Holmium	165-1	9080861	9043284	8869566	8997904	1.25	cps
Holmium	165-2	1751500	1718409	1732013	1733974	0.96	cps
Indium	115-1	6800096	6838482	6702568	6780382	1.03	cps
Indium	115-2	256066	250213	252564	252948	1.16	cps
Iron	56-2	6264927	6203710	6268264	6245634	0.58	cps
Iron	57-2	156905	155559	156260	156241	0.43	cps
Krypton	83-1	397	333	380	370	8.87	cps
Lead	207-1	77609	78145	77033	77596	0.72	cps
Lead	208-1	362885	367070	364218	364724	0.59	cps
Lead	206-1	92854	95254	93694	93934	1.30	cps
Lithium	6-1	1295591	1272198	1252890	1273560	1.68	cps
Magnesium	24-2	71932	70819	70031	70927	1.35	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05	Instrumnet Name :	P8
Client Sample ID :	MA3YR7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:20:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36564	36411	36829	36601	0.58	cps
Molybdenum	94-1	3651	3517	3709	3626	2.71	cps
Molybdenum	95-1	1583	1467	1325	1458	8.87	cps
Molybdenum	96-1	2409	1975	2267	2217	9.97	cps
Molybdenum	97-1	1158	1092	817	1022	17.72	cps
Molybdenum	98-1	2484	2325	2559	2456	4.85	cps
Neodymium	150-1	100120	100764	100752	100545	0.37	cps
Neodymium	150-2	11695	11979	12236	11970	2.26	cps
Nickel	60-2	3904	4197	3914	4005	4.16	cps
Phosphorus	31-2	42	83	42	56	43.30	cps
Potassium	39-2	17478	16444	17612	17178	3.72	cps
Rhodium	103-1	6404049	6440322	6219066	6354479	1.87	cps
Rhodium	103-2	1647870	1603130	1596271	1615757	1.73	cps
Scandium	45-1	4042335	4025246	3887856	3985145	2.13	cps
Scandium	45-2	27280	27450	27166	27299	0.52	cps
Selenium	77-2	43	83	67	64	31.18	cps
Selenium	78-2	33	39	35	36	7.91	cps
Selenium	82-1	80	167	57	101	57.16	cps
Silicon	28-1	17264515	17132574	17266178	17221089	0.45	cps
Silver	109-1	1575	1625	1800	1667	7.09	cps
Silver	107-1	1383	1617	1675	1559	9.90	cps
Sodium	23-2	19881	20040	19330	19751	1.89	cps
Strontium	86-1	29224	29182	29049	29152	0.31	cps
Strontium	88-1	255613	258030	258001	257215	0.54	cps
Sulfur	34-1	302991	302032	299021	301348	0.69	cps
Terbium	159-1	9172567	9221737	9058085	9150796	0.92	cps
Terbium	159-2	1672045	1635276	1643918	1650413	1.16	cps
Thallium	203-1	1250	1158	1225	1211	3.91	cps
Thallium	205-1	2934	3209	3159	3101	4.73	cps
Tin	118-1	5635	5676	5793	5701	1.44	cps
Titanium	47-1	454246	444505	446350	448367	1.15	cps
Uranium	238-1	40476	41588	42558	41540	2.51	cps
Vanadium	51-2	13820	13013	13213	13349	3.15	cps
Yttrium	89-1	7837158	7831802	7644020	7770993	1.42	cps
Yttrium	89-2	210246	207400	208635	208760	0.68	cps
Zinc	66-2	4514	4778	4454	4582	3.75	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05	Instrumnet Name :	P8
Client Sample ID :	MA3YR7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:20:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7953	7961	7911	7942	0.34	cps
Zirconium	91-1	1809	1767	1775	1784	1.24	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-06	Instrumnet Name :	P8
Client Sample ID :	MA3YR7D	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:23:44	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62406	63293	62823	62841	0.71	cps
Antimony	121-1	883	900	917	900	1.85	cps
Arsenic	75-2	226	217	233	225	3.71	cps
Barium	135-1	134754	132752	135639	134382	1.10	cps
Barium	137-1	236206	235367	234975	235516	0.27	cps
Beryllium	9-1	1000	1095	1061	1052	4.55	cps
Bismuth	209-1	6031917	5740382	5987106	5919802	2.65	cps
Bismuth	209-2	1418091	1404914	1271466	1364824	5.94	cps
Boron	11-1	2192	2159	2242	2197	1.91	cps
Boron	10-1	367	525	542	478	20.22	cps
Cadmium	106-1	1500	1258	1417	1392	8.82	cps
Cadmium	108-1	17	21	42	26	50.76	cps
Cadmium	111-1	1130	954	1033	1039	8.50	cps
Calcium	43-1	19982	19731	20382	20032	1.64	cps
Calcium	44-1	341041	344742	340773	342185	0.65	cps
Chromium	52-2	12623	12469	12566	12552	0.62	cps
Cobalt	59-2	7472	7509	7626	7535	1.06	cps
Copper	63-2	11468	11625	11605	11566	0.74	cps
Dysprosium	156-1	60700	61270	60005	60658	1.04	cps
Dysprosium	156-2	12646	12279	12606	12511	1.61	cps
Erbium	164-1	54130	54089	53319	53846	0.85	cps
Erbium	164-2	9874	9800	9911	9862	0.57	cps
Gadolinium	160-1	59178	60843	60206	60076	1.40	cps
Gadolinium	160-2	15610	15670	15613	15631	0.22	cps
Holmium	165-1	9019765	8686278	9002066	8902703	2.11	cps
Holmium	165-2	1740371	1751375	1540899	1677548	7.06	cps
Indium	115-1	6847323	6509369	6850009	6735567	2.91	cps
Indium	115-2	253186	251067	226415	243556	6.11	cps
Iron	56-2	6168485	6180274	6258628	6202463	0.79	cps
Iron	57-2	155479	155778	157254	156170	0.61	cps
Krypton	83-1	420	470	373	421	11.48	cps
Lead	207-1	80682	80750	80404	80612	0.23	cps
Lead	208-1	380176	383029	378964	380723	0.55	cps
Lead	206-1	97511	99677	97075	98088	1.42	cps
Lithium	6-1	1289476	1206239	1250604	1248773	3.34	cps
Magnesium	24-2	69780	67921	69604	69102	1.48	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-06	Instrumnet Name :	P8
Client Sample ID :	MA3YR7D	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:23:44	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34573	34730	35275	34859	1.06	cps
Molybdenum	94-1	3942	3817	3867	3876	1.62	cps
Molybdenum	95-1	1600	1592	1559	1584	1.39	cps
Molybdenum	96-1	2359	2275	2417	2350	3.03	cps
Molybdenum	97-1	1058	975	917	983	7.24	cps
Molybdenum	98-1	2309	2542	2575	2475	5.87	cps
Neodymium	150-1	97452	97292	95949	96898	0.85	cps
Neodymium	150-2	11535	11562	11512	11536	0.22	cps
Nickel	60-2	3857	3907	3997	3921	1.81	cps
Phosphorus	31-2	42	8	67	39	75.26	cps
Potassium	39-2	16627	16485	16911	16674	1.30	cps
Rhodium	103-1	6393982	6121094	6426105	6313727	2.65	cps
Rhodium	103-2	1612082	1603398	1446991	1554157	5.98	cps
Scandium	45-1	3981475	3787237	4016102	3928271	3.14	cps
Scandium	45-2	27190	26689	23453	25777	7.87	cps
Selenium	77-2	33	83	80	66	42.65	cps
Selenium	78-2	24	20	30	25	18.88	cps
Selenium	82-1	82	40	127	83	52.29	cps
Silicon	28-1	16819561	16896719	16911651	16875977	0.29	cps
Silver	109-1	1308	1492	1567	1456	9.13	cps
Silver	107-1	1483	1433	1575	1497	4.80	cps
Sodium	23-2	19739	19531	18262	19178	4.17	cps
Strontium	86-1	29449	29834	29374	29552	0.83	cps
Strontium	88-1	250781	252107	249655	250848	0.49	cps
Sulfur	34-1	290680	289167	288435	289427	0.40	cps
Terbium	159-1	9269666	8790227	9244845	9101579	2.97	cps
Terbium	159-2	1647221	1650356	1469068	1588882	6.53	cps
Thallium	203-1	1117	1017	983	1039	6.68	cps
Thallium	205-1	2917	2550	2659	2709	6.96	cps
Tin	118-1	6010	5827	5835	5890	1.76	cps
Titanium	47-1	451795	448793	447200	449263	0.52	cps
Uranium	238-1	40935	40759	40985	40893	0.29	cps
Vanadium	51-2	12996	13413	13653	13354	2.49	cps
Yttrium	89-1	7811914	7603462	7768662	7728013	1.42	cps
Yttrium	89-2	208418	207596	190402	202139	5.03	cps
Zinc	66-2	4274	4314	4337	4309	0.74	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-06	Instrumnet Name :	P8
Client Sample ID :	MA3YR7D	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:23:44	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7911	7569	7969	7816	2.77	cps
Zirconium	91-1	1775	1609	1834	1739	6.72	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05LX5	Instrumnet Name :	P8
Client Sample ID :	MA3YR7L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-23 18:27:05	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12792	12551	12394	12579	1.59	cps
Antimony	121-1	583	517	483	528	9.65	cps
Arsenic	75-2	37	30	35	34	11.36	cps
Barium	135-1	27020	27045	27413	27159	0.81	cps
Barium	137-1	48372	47762	46968	47701	1.48	cps
Beryllium	9-1	283	267	322	291	9.80	cps
Bismuth	209-1	5864759	5889582	5908886	5887742	0.38	cps
Bismuth	209-2	1405250	1383366	1380846	1389821	0.97	cps
Boron	11-1	1809	1625	1575	1670	7.36	cps
Boron	10-1	242	333	342	306	18.16	cps
Cadmium	106-1	1108	1150	1150	1136	2.12	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Cadmium	111-1	831	810	821	821	1.29	cps
Calcium	43-1	4476	4359	4117	4318	4.23	cps
Calcium	44-1	78562	80440	82224	80408	2.28	cps
Chromium	52-2	2837	2937	3010	2928	2.97	cps
Cobalt	59-2	1473	1533	1580	1529	3.50	cps
Copper	63-2	2577	2684	2730	2664	2.95	cps
Dysprosium	156-1	12498	11864	12531	12298	3.06	cps
Dysprosium	156-2	2537	2524	2540	2534	0.35	cps
Erbium	164-1	10872	10313	11014	10733	3.45	cps
Erbium	164-2	1810	1887	2030	1909	5.85	cps
Gadolinium	160-1	12123	12081	11748	11984	1.72	cps
Gadolinium	160-2	3097	3077	2944	3039	2.74	cps
Holmium	165-1	8774481	8812058	8931313	8839284	0.93	cps
Holmium	165-2	1739430	1719208	1702859	1720499	1.06	cps
Indium	115-1	6717082	6726916	6660845	6701614	0.53	cps
Indium	115-2	252223	247962	245873	248686	1.30	cps
Iron	56-2	1209676	1199722	1207702	1205700	0.44	cps
Iron	57-2	30545	30289	30890	30575	0.99	cps
Krypton	83-1	333	400	350	361	9.61	cps
Lead	207-1	16584	16478	16239	16433	1.08	cps
Lead	208-1	76079	76063	76587	76243	0.39	cps
Lead	206-1	19738	19332	19710	19593	1.16	cps
Lithium	6-1	1220368	1218958	1222235	1220520	0.13	cps
Magnesium	24-2	13449	13565	13574	13529	0.52	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05LX5	Instrumnet Name :	P8
Client Sample ID :	MA3YR7L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-23 18:27:05	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7399	7129	7229	7252	1.88	cps
Molybdenum	94-1	883	1192	1100	1058	14.96	cps
Molybdenum	95-1	475	433	342	417	16.37	cps
Molybdenum	96-1	583	575	583	581	0.83	cps
Molybdenum	97-1	317	308	242	289	14.23	cps
Molybdenum	98-1	700	675	767	714	6.64	cps
Neodymium	150-1	19422	19408	19956	19595	1.59	cps
Neodymium	150-2	2310	2367	2177	2285	4.27	cps
Nickel	60-2	1070	990	913	991	7.90	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	4609	4776	4843	4743	2.53	cps
Rhodium	103-1	6246957	6343532	6259788	6283425	0.83	cps
Rhodium	103-2	1603121	1593212	1560514	1585616	1.41	cps
Scandium	45-1	3826380	3866249	3814171	3835600	0.71	cps
Scandium	45-2	26792	25236	25583	25871	3.16	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	6	6	6	6	0.00	cps
Selenium	82-1	42	-15	51	26	136.88	cps
Silicon	28-1	3587644	3582029	3547847	3572507	0.60	cps
Silver	109-1	867	750	933	850	10.92	cps
Silver	107-1	925	750	725	800	13.62	cps
Sodium	23-2	11472	10980	11038	11163	2.41	cps
Strontium	86-1	6268	6368	6110	6249	2.09	cps
Strontium	88-1	51013	50419	49382	50272	1.64	cps
Sulfur	34-1	291431	289195	288776	289801	0.49	cps
Terbium	159-1	8948120	9104398	9020902	9024474	0.87	cps
Terbium	159-2	1651732	1626473	1581086	1619764	2.21	cps
Thallium	203-1	433	400	217	350	33.33	cps
Thallium	205-1	733	783	733	750	3.85	cps
Tin	118-1	2568	2267	2467	2434	6.29	cps
Titanium	47-1	85275	86459	85452	85729	0.74	cps
Uranium	238-1	8228	8245	8128	8200	0.77	cps
Vanadium	51-2	2490	2697	2657	2615	4.19	cps
Yttrium	89-1	7046415	7095111	7054029	7065185	0.37	cps
Yttrium	89-2	190267	186867	186718	187951	1.07	cps
Zinc	66-2	1027	1063	963	1018	4.97	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-05LX5	Instrumnet Name :	P8
Client Sample ID :	MA3YR7L	Dilution Factor :	5
Date & Time Acquired ::	2018-08-23 18:27:05	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2259	2367	2275	2300	2.54	cps
Zirconium	91-1	575	475	558	536	9.99	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-07	Instrumnet Name :	P8
Client Sample ID :	MA3YR7S	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:30:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58956	58017	57836	58270	1.03	cps
Antimony	121-1	148736	151550	151070	150452	1.00	cps
Arsenic	75-2	813	798	791	801	1.41	cps
Barium	135-1	748360	750558	750203	749707	0.16	cps
Barium	137-1	1316577	1320166	1300808	1312517	0.78	cps
Beryllium	9-1	10649	10565	10304	10506	1.71	cps
Bismuth	209-1	5922363	5606769	5965624	5831585	3.36	cps
Bismuth	209-2	1393076	1399732	1410761	1401190	0.64	cps
Boron	11-1	1834	1900	1834	1856	2.07	cps
Boron	10-1	275	350	533	386	34.42	cps
Cadmium	106-1	2809	2600	2717	2709	3.86	cps
Cadmium	108-1	1058	1004	921	995	6.97	cps
Cadmium	111-1	16405	16080	16746	16410	2.03	cps
Calcium	43-1	19005	19080	18763	18950	0.87	cps
Calcium	44-1	320802	318876	319941	319873	0.30	cps
Chromium	52-2	34553	34510	34867	34643	0.56	cps
Cobalt	59-2	134309	133280	131951	133180	0.89	cps
Copper	63-2	66478	67084	67788	67117	0.98	cps
Dysprosium	156-1	59478	58523	58365	58789	1.02	cps
Dysprosium	156-2	12376	12373	12176	12308	0.93	cps
Erbium	164-1	53846	53477	54298	53874	0.76	cps
Erbium	164-2	9830	9597	9617	9681	1.34	cps
Gadolinium	160-1	59554	59269	58247	59024	1.16	cps
Gadolinium	160-2	15406	15072	15379	15286	1.21	cps
Holmium	165-1	8960121	8511325	8929373	8800273	2.85	cps
Holmium	165-2	1739327	1715034	1734370	1729577	0.74	cps
Indium	115-1	6759286	6299252	6787255	6615264	4.14	cps
Indium	115-2	248621	246921	249513	248352	0.53	cps
Iron	56-2	5878427	5884707	5893458	5885531	0.13	cps
Iron	57-2	147304	148410	147528	147747	0.40	cps
Krypton	83-1	403	390	437	410	5.86	cps
Lead	207-1	96693	97478	96839	97003	0.43	cps
Lead	208-1	451324	457870	454065	454419	0.72	cps
Lead	206-1	114350	116557	116367	115758	1.06	cps
Lithium	6-1	1257642	1173056	1267742	1232813	4.22	cps
Magnesium	24-2	64505	65091	64639	64745	0.47	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-07	Instrumnet Name :	P8
Client Sample ID :	MA3YR7S	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:30:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48688	48340	48631	48553	0.38	cps
Molybdenum	94-1	4034	3851	4059	3981	2.86	cps
Molybdenum	95-1	1975	1892	1959	1942	2.27	cps
Molybdenum	96-1	2717	2592	2834	2714	4.45	cps
Molybdenum	97-1	1392	1225	1308	1308	6.37	cps
Molybdenum	98-1	3592	3259	2950	3267	9.83	cps
Neodymium	150-1	94417	94847	95922	95062	0.82	cps
Neodymium	150-2	11355	11362	11362	11360	0.03	cps
Nickel	60-2	41445	40205	40676	40775	1.54	cps
Phosphorus	31-2	50	42	42	44	10.82	cps
Potassium	39-2	15384	15167	15426	15326	0.91	cps
Rhodium	103-1	6333249	5923075	6370149	6208824	4.00	cps
Rhodium	103-2	1603485	1572684	1593375	1589848	0.99	cps
Scandium	45-1	3864603	3675177	3908187	3815989	3.25	cps
Scandium	45-2	25861	25640	26011	25837	0.72	cps
Selenium	77-2	50	57	70	59	17.29	cps
Selenium	78-2	48	61	56	55	11.84	cps
Selenium	82-1	1960	2058	1875	1964	4.68	cps
Silicon	28-1	10598802	10604087	10437687	10546859	0.90	cps
Silver	109-1	72177	71515	71532	71742	0.53	cps
Silver	107-1	72914	74640	74615	74056	1.34	cps
Sodium	23-2	17411	17353	16886	17217	1.67	cps
Strontium	86-1	28088	27921	28205	28072	0.51	cps
Strontium	88-1	235643	237424	234764	235944	0.57	cps
Sulfur	34-1	283947	281917	281806	282557	0.43	cps
Terbium	159-1	9171732	8627186	9129978	8976299	3.38	cps
Terbium	159-2	1667360	1645979	1649217	1654185	0.70	cps
Thallium	203-1	63208	62638	63149	62998	0.50	cps
Thallium	205-1	149327	152127	151283	150912	0.95	cps
Tin	118-1	5902	5968	5510	5793	4.28	cps
Titanium	47-1	414515	415181	415150	414949	0.09	cps
Uranium	238-1	39322	40500	39523	39781	1.59	cps
Vanadium	51-2	54265	53535	54265	54022	0.78	cps
Yttrium	89-1	7818114	7313609	7679426	7603716	3.43	cps
Yttrium	89-2	203079	205874	204784	204579	0.69	cps
Zinc	66-2	13617	13587	13907	13704	1.29	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-07	Instrumnet Name :	P8
Client Sample ID :	MA3YR7S	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:30:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8069	7703	8144	7972	2.97	cps
Zirconium	91-1	1784	1959	1608	1784	9.81	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-09	Instrumnet Name :	P8
Client Sample ID :	MA3YS7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:33:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53533	53503	52555	53197	1.05	cps
Antimony	121-1	9912	10421	10646	10327	3.64	cps
Arsenic	75-2	350	335	383	356	6.92	cps
Barium	135-1	298188	300207	298429	298941	0.37	cps
Barium	137-1	525404	528035	523001	525480	0.48	cps
Beryllium	9-1	1017	939	833	930	9.90	cps
Bismuth	209-1	6060036	6044038	5989432	6031169	0.61	cps
Bismuth	209-2	1382509	1396855	1382028	1387131	0.61	cps
Boron	11-1	2425	2425	2509	2453	1.96	cps
Boron	10-1	717	633	617	656	8.17	cps
Cadmium	106-1	1342	1267	1667	1425	14.92	cps
Cadmium	108-1	154	138	108	133	17.40	cps
Cadmium	111-1	2286	2286	2516	2363	5.62	cps
Calcium	43-1	41604	40835	41613	41351	1.08	cps
Calcium	44-1	679782	686405	689712	685300	0.74	cps
Chromium	52-2	8363	8082	8529	8325	2.71	cps
Cobalt	59-2	10234	9770	10267	10090	2.75	cps
Copper	63-2	29926	29562	29859	29782	0.65	cps
Dysprosium	156-1	36026	35850	34271	35382	2.73	cps
Dysprosium	156-2	4021	4021	4141	4061	1.71	cps
Erbium	164-1	18556	18723	18264	18514	1.25	cps
Erbium	164-2	2990	3224	3060	3092	3.87	cps
Gadolinium	160-1	18339	18531	18773	18547	1.17	cps
Gadolinium	160-2	4571	4698	4374	4548	3.58	cps
Holmium	165-1	9056019	9028100	8954041	9012720	0.58	cps
Holmium	165-2	1692483	1714281	1704984	1703916	0.64	cps
Indium	115-1	6829351	6773152	6756853	6786452	0.56	cps
Indium	115-2	245709	244399	245383	245164	0.28	cps
Iron	56-2	7352439	7310338	7303626	7322134	0.36	cps
Iron	57-2	186282	183683	184151	184705	0.75	cps
Krypton	83-1	303	373	330	336	10.53	cps
Lead	207-1	543607	543802	548101	545170	0.47	cps
Lead	208-1	2584488	2582467	2599069	2588675	0.35	cps
Lead	206-1	666349	663826	667706	665960	0.30	cps
Lithium	6-1	1258966	1250455	1258876	1256099	0.39	cps
Magnesium	24-2	70282	69612	68800	69565	1.07	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-09	Instrumnet Name :	P8
Client Sample ID :	MA3YS7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:33:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66564	65640	65908	66037	0.72	cps
Molybdenum	94-1	5543	5685	4876	5368	8.05	cps
Molybdenum	95-1	1500	1550	1458	1503	3.05	cps
Molybdenum	96-1	2517	2334	2409	2420	3.81	cps
Molybdenum	97-1	900	833	1008	914	9.66	cps
Molybdenum	98-1	2109	2267	2475	2284	8.05	cps
Neodymium	150-1	48811	49688	49608	49369	0.98	cps
Neodymium	150-2	5678	5948	5695	5774	2.62	cps
Nickel	60-2	3824	3921	3931	3892	1.51	cps
Phosphorus	31-2	233	225	258	239	7.26	cps
Potassium	39-2	16369	16043	16010	16140	1.23	cps
Rhodium	103-1	6362321	6385835	6321548	6356568	0.51	cps
Rhodium	103-2	1545024	1577394	1544753	1555724	1.21	cps
Scandium	45-1	3873249	3848468	3846695	3856137	0.38	cps
Scandium	45-2	25246	25073	25059	25126	0.42	cps
Selenium	77-2	20	23	30	24	20.83	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	105	48	112	88	40.05	cps
Silicon	28-1	13291306	13197148	13218646	13235700	0.37	cps
Silver	109-1	1967	1750	2059	1925	8.23	cps
Silver	107-1	1992	2167	2109	2089	4.27	cps
Sodium	23-2	14133	14241	14308	14227	0.62	cps
Strontium	86-1	30460	30585	30193	30413	0.66	cps
Strontium	88-1	256801	259663	262735	259733	1.14	cps
Sulfur	34-1	282376	279973	278458	280269	0.70	cps
Terbium	159-1	9262602	9228608	9133585	9208265	0.73	cps
Terbium	159-2	1603377	1639371	1614004	1618918	1.14	cps
Thallium	203-1	1025	1017	992	1011	1.72	cps
Thallium	205-1	2259	2117	2200	2192	3.25	cps
Tin	118-1	14208	15142	14659	14670	3.18	cps
Titanium	47-1	570490	572047	577434	573324	0.64	cps
Uranium	238-1	27999	28935	29536	28823	2.69	cps
Vanadium	51-2	12205	12082	12459	12249	1.57	cps
Yttrium	89-1	7216856	7091982	7186856	7165231	0.91	cps
Yttrium	89-2	186913	186578	184754	186082	0.62	cps
Zinc	66-2	53965	53001	51542	52836	2.31	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-09	Instrumnet Name :	P8
Client Sample ID :	MA3YS7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:33:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13140	12406	12590	12712	3.00	cps
Zirconium	91-1	2800	2951	2750	2834	3.67	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-10	Instrumnet Name :	P8
Client Sample ID :	MA3YS9	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:37:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59071	59865	59614	59517	0.68	cps
Antimony	121-1	3109	3534	3434	3359	6.62	cps
Arsenic	75-2	209	207	185	201	6.68	cps
Barium	135-1	280419	279943	279824	280062	0.11	cps
Barium	137-1	489698	493036	492871	491868	0.38	cps
Beryllium	9-1	1206	1106	1250	1187	6.23	cps
Bismuth	209-1	5969489	5921292	6026615	5972465	0.88	cps
Bismuth	209-2	1378287	1397735	1378590	1384871	0.80	cps
Boron	11-1	1875	1792	1909	1859	3.23	cps
Boron	10-1	383	383	392	386	1.25	cps
Cadmium	106-1	1425	1392	1317	1378	4.03	cps
Cadmium	108-1	46	50	46	47	5.10	cps
Cadmium	111-1	1111	1023	977	1037	6.58	cps
Calcium	43-1	15576	16477	15851	15968	2.89	cps
Calcium	44-1	267070	270205	264862	267379	1.00	cps
Chromium	52-2	13447	13143	13200	13263	1.22	cps
Cobalt	59-2	9250	8946	9163	9120	1.71	cps
Copper	63-2	13380	13790	13470	13547	1.59	cps
Dysprosium	156-1	67039	67810	67801	67550	0.65	cps
Dysprosium	156-2	13951	13814	13974	13913	0.62	cps
Erbium	164-1	64938	66856	66437	66077	1.53	cps
Erbium	164-2	11408	11689	11492	11530	1.25	cps
Gadolinium	160-1	67676	68899	68053	68209	0.92	cps
Gadolinium	160-2	16868	16748	16904	16840	0.49	cps
Holmium	165-1	8909148	8923075	9129558	8987261	1.37	cps
Holmium	165-2	1697017	1747354	1691634	1712001	1.80	cps
Indium	115-1	6767317	6750736	6752636	6756896	0.13	cps
Indium	115-2	242410	244581	241567	242853	0.64	cps
Iron	56-2	9611383	9643685	9561234	9605434	0.43	cps
Iron	57-2	242181	242263	240800	241748	0.34	cps
Krypton	83-1	457	420	413	430	5.43	cps
Lead	207-1	174297	174049	174387	174245	0.10	cps
Lead	208-1	831189	832558	835582	833110	0.27	cps
Lead	206-1	217459	215419	219577	217485	0.96	cps
Lithium	6-1	1209397	1246930	1223293	1226540	1.55	cps
Magnesium	24-2	65293	63902	63434	64210	1.51	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-10	Instrumnet Name :	P8
Client Sample ID :	MA3YS9	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:37:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26402	25948	26415	26255	1.01	cps
Molybdenum	94-1	7786	8103	7477	7789	4.01	cps
Molybdenum	95-1	875	850	842	856	2.03	cps
Molybdenum	96-1	2317	2234	2342	2298	2.47	cps
Molybdenum	97-1	617	567	550	578	6.01	cps
Molybdenum	98-1	1400	1300	1342	1347	3.73	cps
Neodymium	150-1	105985	104399	104312	104899	0.90	cps
Neodymium	150-2	12032	11949	12196	12059	1.04	cps
Nickel	60-2	4571	4738	4641	4650	1.80	cps
Phosphorus	31-2	67	75	50	64	19.92	cps
Potassium	39-2	15259	14700	14533	14831	2.56	cps
Rhodium	103-1	6267390	6264708	6275248	6269115	0.09	cps
Rhodium	103-2	1541778	1577076	1539342	1552732	1.36	cps
Scandium	45-1	3819533	3768712	3828440	3805562	0.85	cps
Scandium	45-2	24745	25523	24845	25038	1.69	cps
Selenium	77-2	50	57	110	72	45.53	cps
Selenium	78-2	30	37	17	28	37.11	cps
Selenium	82-1	30	90	69	63	48.51	cps
Silicon	28-1	14168194	14047671	13870875	14028913	1.07	cps
Silver	109-1	975	933	1183	1031	13.00	cps
Silver	107-1	1042	950	1142	1045	9.18	cps
Sodium	23-2	19239	19155	19439	19278	0.76	cps
Strontium	86-1	25349	25783	25024	25386	1.50	cps
Strontium	88-1	211219	213886	211743	212283	0.67	cps
Sulfur	34-1	271747	272667	269321	271245	0.64	cps
Terbium	159-1	9051642	9016289	9244438	9104123	1.35	cps
Terbium	159-2	1595665	1606107	1618213	1606662	0.70	cps
Thallium	203-1	1017	1000	1008	1008	0.83	cps
Thallium	205-1	2317	2617	2084	2339	11.43	cps
Tin	118-1	7761	8328	8028	8039	3.53	cps
Titanium	47-1	734783	732157	739444	735461	0.50	cps
Uranium	238-1	49642	48546	50202	49463	1.70	cps
Vanadium	51-2	17434	17661	17318	17471	1.00	cps
Yttrium	89-1	7718794	7679843	7714251	7704296	0.28	cps
Yttrium	89-2	202126	203146	202393	202555	0.26	cps
Zinc	66-2	23857	23934	24108	23966	0.54	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-10	Instrumnet Name :	P8
Client Sample ID :	MA3YS9	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:37:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19974	19732	19790	19832	0.64	cps
Zirconium	91-1	4518	4326	4576	4473	2.92	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-11	Instrumnet Name :	P8
Client Sample ID :	MA3Z58	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:40:33	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33505	33513	33157	33392	0.61	cps
Antimony	121-1	17087	17487	17279	17284	1.16	cps
Arsenic	75-2	146	139	204	163	21.77	cps
Barium	135-1	359330	353829	356070	356409	0.78	cps
Barium	137-1	626329	632088	631839	630085	0.52	cps
Beryllium	9-1	683	733	589	669	10.97	cps
Bismuth	209-1	6032578	6079648	6068884	6060370	0.41	cps
Bismuth	209-2	1391807	1410477	1379983	1394089	1.10	cps
Boron	11-1	1867	1784	1450	1700	12.97	cps
Boron	10-1	442	317	333	364	18.65	cps
Cadmium	106-1	1342	1383	1283	1336	3.76	cps
Cadmium	108-1	71	83	75	76	8.33	cps
Cadmium	111-1	1765	1710	1621	1699	4.27	cps
Calcium	43-1	24180	24172	24197	24183	0.05	cps
Calcium	44-1	405609	401964	405216	404263	0.49	cps
Chromium	52-2	5768	6011	6035	5938	2.49	cps
Cobalt	59-2	6895	6962	7299	7052	3.07	cps
Copper	63-2	16150	16333	16383	16289	0.76	cps
Dysprosium	156-1	21351	21185	21836	21457	1.58	cps
Dysprosium	156-2	3494	3384	3410	3429	1.67	cps
Erbium	164-1	14792	15585	15560	15312	2.94	cps
Erbium	164-2	2734	2790	2794	2773	1.22	cps
Gadolinium	160-1	16311	16653	16661	16542	1.21	cps
Gadolinium	160-2	4124	4014	4107	4082	1.45	cps
Holmium	165-1	8950312	9062707	9056409	9023143	0.70	cps
Holmium	165-2	1701640	1747034	1688840	1712505	1.79	cps
Indium	115-1	6727397	6805961	6783451	6772270	0.60	cps
Indium	115-2	243125	245455	241154	243245	0.89	cps
Iron	56-2	3990279	3928658	3932725	3950554	0.87	cps
Iron	57-2	100286	97981	98988	99085	1.17	cps
Krypton	83-1	433	357	313	368	16.52	cps
Lead	207-1	2243408	2218958	2237069	2233145	0.57	cps
Lead	208-1	10462274	10327997	10384956	10391742	0.65	cps
Lead	206-1	2682261	2600464	2651563	2644763	1.56	cps
Lithium	6-1	1245915	1259592	1256163	1253890	0.57	cps
Magnesium	24-2	55099	53786	54397	54427	1.21	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-11	Instrumnet Name :	P8
Client Sample ID :	MA3Z58	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:40:33	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50100	50230	50133	50154	0.13	cps
Molybdenum	94-1	2842	2892	2942	2892	1.73	cps
Molybdenum	95-1	833	842	850	842	0.99	cps
Molybdenum	96-1	1200	1458	1433	1364	10.45	cps
Molybdenum	97-1	500	550	492	514	6.14	cps
Molybdenum	98-1	1458	1258	1308	1342	7.76	cps
Neodymium	150-1	31926	32334	31432	31897	1.42	cps
Neodymium	150-2	3711	3817	3811	3779	1.58	cps
Nickel	60-2	3791	3704	3504	3666	4.01	cps
Phosphorus	31-2	208	192	167	189	11.10	cps
Potassium	39-2	14258	13398	14183	13946	3.41	cps
Rhodium	103-1	6281042	6380514	6325698	6329085	0.79	cps
Rhodium	103-2	1548944	1573986	1521430	1548120	1.70	cps
Scandium	45-1	3741618	3826346	3813327	3793763	1.20	cps
Scandium	45-2	23991	25106	23947	24348	2.70	cps
Selenium	77-2	20	23	20	21	9.11	cps
Selenium	78-2	4	11	11	9	49.52	cps
Selenium	82-1	-30	16	72	19	261.18	cps
Silicon	28-1	10606545	10540793	10514939	10554092	0.45	cps
Silver	109-1	1158	1067	1192	1139	5.68	cps
Silver	107-1	1200	1300	1333	1278	5.43	cps
Sodium	23-2	12089	12323	12473	12295	1.57	cps
Strontium	86-1	19707	19406	19815	19643	1.08	cps
Strontium	88-1	166841	166977	168639	167486	0.60	cps
Sulfur	34-1	265251	265847	264524	265207	0.25	cps
Terbium	159-1	9167739	9286652	9225718	9226703	0.64	cps
Terbium	159-2	1616617	1629577	1575196	1607130	1.77	cps
Thallium	203-1	1042	1108	958	1036	7.25	cps
Thallium	205-1	2459	2434	2600	2498	3.60	cps
Tin	118-1	6027	6177	6202	6135	1.54	cps
Titanium	47-1	366667	366437	364568	365891	0.31	cps
Uranium	238-1	28199	27531	28408	28046	1.63	cps
Vanadium	51-2	5645	5711	5681	5679	0.59	cps
Yttrium	89-1	7035904	7163578	7073054	7090845	0.93	cps
Yttrium	89-2	182891	184889	181029	182936	1.05	cps
Zinc	66-2	81826	80643	81702	81390	0.80	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-11	Instrumnet Name :	P8
Client Sample ID :	MA3Z58	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:40:33	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6260	6293	6410	6321	1.25	cps
Zirconium	91-1	1475	1517	1283	1425	8.73	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-12	Instrumnet Name :	P8
Client Sample ID :	MA3Z60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:43:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50251	49872	49412	49845	0.84	cps
Antimony	121-1	8870	9362	9495	9243	3.56	cps
Arsenic	75-2	269	267	217	251	11.74	cps
Barium	135-1	284974	285573	285808	285452	0.15	cps
Barium	137-1	500723	497157	498223	498701	0.37	cps
Beryllium	9-1	706	661	722	696	4.54	cps
Bismuth	209-1	5993867	6081267	6046888	6040674	0.73	cps
Bismuth	209-2	1395108	1393304	1399079	1395830	0.21	cps
Boron	11-1	2017	2150	2209	2125	4.62	cps
Boron	10-1	367	408	425	400	7.51	cps
Cadmium	106-1	1275	1367	1242	1295	5.00	cps
Cadmium	108-1	79	58	133	90	42.89	cps
Cadmium	111-1	1791	1903	1922	1872	3.77	cps
Calcium	43-1	36849	35880	35112	35947	2.42	cps
Calcium	44-1	601003	594880	594599	596827	0.61	cps
Chromium	52-2	6995	7252	6772	7006	3.43	cps
Cobalt	59-2	9120	9113	9427	9220	1.94	cps
Copper	63-2	25821	26519	26075	26138	1.35	cps
Dysprosium	156-1	18163	17446	17863	17824	2.02	cps
Dysprosium	156-2	3127	3180	3087	3132	1.50	cps
Erbium	164-1	15710	16261	16361	16111	2.17	cps
Erbium	164-2	2837	2980	2707	2841	4.81	cps
Gadolinium	160-1	15752	16019	15710	15827	1.06	cps
Gadolinium	160-2	3871	4117	3957	3982	3.14	cps
Holmium	165-1	8940634	9034472	9090410	9021839	0.84	cps
Holmium	165-2	1707278	1711302	1710415	1709665	0.12	cps
Indium	115-1	6752498	6780493	6766309	6766433	0.21	cps
Indium	115-2	242713	240787	241423	241641	0.41	cps
Iron	56-2	6444580	6476650	6390757	6437329	0.67	cps
Iron	57-2	166263	163760	161087	163703	1.58	cps
Krypton	83-1	307	293	360	320	11.02	cps
Lead	207-1	460406	458305	462012	460241	0.40	cps
Lead	208-1	2173104	2161024	2179307	2171145	0.43	cps
Lead	206-1	562778	558276	560187	560414	0.40	cps
Lithium	6-1	1211529	1255795	1259367	1242230	2.15	cps
Magnesium	24-2	69981	69788	68842	69537	0.88	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-12	Instrumnet Name :	P8
Client Sample ID :	MA3Z60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:43:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59098	57943	58663	58568	1.00	cps
Molybdenum	94-1	4142	3509	4309	3987	10.59	cps
Molybdenum	95-1	1167	1058	1092	1106	5.02	cps
Molybdenum	96-1	2084	1884	2034	2000	5.20	cps
Molybdenum	97-1	817	708	767	764	7.10	cps
Molybdenum	98-1	1809	1917	1909	1878	3.21	cps
Neodymium	150-1	26801	27730	27790	27440	2.02	cps
Neodymium	150-2	3080	3167	3087	3112	1.55	cps
Nickel	60-2	3470	3637	3611	3573	2.51	cps
Phosphorus	31-2	242	183	300	242	24.14	cps
Potassium	39-2	18454	18621	18246	18441	1.02	cps
Rhodium	103-1	6257846	6306940	6250429	6271738	0.49	cps
Rhodium	103-2	1553514	1562352	1554027	1556631	0.32	cps
Scandium	45-1	3750280	3773407	3762624	3762104	0.31	cps
Scandium	45-2	24305	24067	23941	24104	0.77	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	9	9	7	9	12.36	cps
Selenium	82-1	53	99	51	68	40.47	cps
Silicon	28-1	12736890	12663073	12633650	12677871	0.42	cps
Silver	109-1	1717	1675	1642	1678	2.24	cps
Silver	107-1	1600	1734	1575	1636	5.20	cps
Sodium	23-2	12022	12489	11872	12128	2.65	cps
Strontium	86-1	24097	24122	24256	24158	0.35	cps
Strontium	88-1	211025	208030	207513	208856	0.91	cps
Sulfur	34-1	264343	265506	266635	265494	0.43	cps
Terbium	159-1	9135095	9172031	9179898	9162341	0.26	cps
Terbium	159-2	1625173	1637826	1614173	1625724	0.73	cps
Thallium	203-1	967	942	892	933	4.09	cps
Thallium	205-1	2059	2417	2350	2275	8.38	cps
Tin	118-1	12723	13132	12598	12818	2.18	cps
Titanium	47-1	565494	561335	562453	563094	0.38	cps
Uranium	238-1	22680	23682	22379	22914	2.98	cps
Vanadium	51-2	9560	9427	9523	9503	0.73	cps
Yttrium	89-1	7080978	7115327	7044254	7080187	0.50	cps
Yttrium	89-2	182910	183092	184771	183591	0.56	cps
Zinc	66-2	46755	46611	46143	46503	0.69	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-12	Instrumnet Name :	P8
Client Sample ID :	MA3Z60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:43:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9329	9604	8987	9306	3.32	cps
Zirconium	91-1	2000	1884	2150	2011	6.65	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-13	Instrumnet Name :	P8
Client Sample ID :	MA3Z61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32021	31072	31402	31498	1.53	cps
Antimony	121-1	5960	6143	6535	6213	4.73	cps
Arsenic	75-2	191	217	239	215	11.19	cps
Barium	135-1	165363	163195	165845	164801	0.86	cps
Barium	137-1	286413	289705	289126	288415	0.61	cps
Beryllium	9-1	811	733	750	765	5.35	cps
Bismuth	209-1	5985213	6035110	6109066	6043130	1.03	cps
Bismuth	209-2	1400483	1394677	1390111	1395091	0.37	cps
Boron	11-1	1500	1475	1492	1489	0.86	cps
Boron	10-1	342	367	300	336	10.02	cps
Cadmium	106-1	1433	1375	1392	1400	2.15	cps
Cadmium	108-1	79	83	58	74	18.20	cps
Cadmium	111-1	1719	1571	1671	1654	4.57	cps
Calcium	43-1	20499	20090	20240	20277	1.02	cps
Calcium	44-1	341977	336974	337779	338910	0.79	cps
Chromium	52-2	7165	7385	7279	7276	1.51	cps
Cobalt	59-2	6081	5835	5785	5900	2.69	cps
Copper	63-2	47113	47902	48147	47721	1.13	cps
Dysprosium	156-1	25292	25709	25258	25420	0.99	cps
Dysprosium	156-2	4444	4437	4691	4524	3.19	cps
Erbium	164-1	21360	21852	22161	21791	1.85	cps
Erbium	164-2	3734	3741	3717	3731	0.32	cps
Gadolinium	160-1	23155	22287	23138	22860	2.17	cps
Gadolinium	160-2	5698	5568	5745	5670	1.62	cps
Holmium	165-1	8903653	9002716	9038309	8981559	0.78	cps
Holmium	165-2	1734100	1715818	1701865	1717261	0.94	cps
Indium	115-1	6756864	6794433	6765039	6772112	0.29	cps
Indium	115-2	241608	239418	237902	239643	0.78	cps
Iron	56-2	4536824	4534448	4552460	4541244	0.22	cps
Iron	57-2	114550	114046	112668	113755	0.86	cps
Krypton	83-1	380	343	383	369	6.02	cps
Lead	207-1	230621	229885	229378	229961	0.27	cps
Lead	208-1	1098218	1095026	1089871	1094372	0.38	cps
Lead	206-1	285090	282385	283739	283738	0.48	cps
Lithium	6-1	1227980	1251230	1262902	1247371	1.43	cps
Magnesium	24-2	39974	39907	39581	39821	0.53	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-13	Instrumnet Name :	P8
Client Sample ID :	MA3Z61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21877	22051	21904	21944	0.43	cps
Molybdenum	94-1	3017	3284	2850	3050	7.17	cps
Molybdenum	95-1	1800	1984	2109	1964	7.90	cps
Molybdenum	96-1	2750	2625	2559	2645	3.68	cps
Molybdenum	97-1	1442	1133	1267	1281	12.08	cps
Molybdenum	98-1	3209	2842	2700	2917	9.00	cps
Neodymium	150-1	40998	40871	42175	41348	1.74	cps
Neodymium	150-2	4981	4738	4304	4674	7.34	cps
Nickel	60-2	18706	19083	19187	18992	1.33	cps
Phosphorus	31-2	92	183	142	139	33.05	cps
Potassium	39-2	9962	10529	10571	10354	3.28	cps
Rhodium	103-1	6258452	6239067	6327917	6275146	0.74	cps
Rhodium	103-2	1567331	1510370	1553204	1543635	1.92	cps
Scandium	45-1	3669756	3735049	3741846	3715550	1.07	cps
Scandium	45-2	24829	23523	23590	23981	3.07	cps
Selenium	77-2	10	23	23	19	40.75	cps
Selenium	78-2	11	9	11	10	10.18	cps
Selenium	82-1	19	63	24	35	68.32	cps
Silicon	28-1	10619081	10587397	10619189	10608556	0.17	cps
Silver	109-1	1700	1817	1842	1786	4.23	cps
Silver	107-1	1825	2025	1642	1831	10.47	cps
Sodium	23-2	14625	15534	15501	15220	3.39	cps
Strontium	86-1	16244	15885	15752	15960	1.59	cps
Strontium	88-1	135173	134937	136922	135677	0.80	cps
Sulfur	34-1	303836	300838	301935	302203	0.50	cps
Terbium	159-1	9159369	9255730	9266658	9227253	0.64	cps
Terbium	159-2	1626561	1634367	1631584	1630837	0.24	cps
Thallium	203-1	583	608	525	572	7.47	cps
Thallium	205-1	1575	1575	1534	1561	1.54	cps
Tin	118-1	9312	10129	9420	9621	4.61	cps
Titanium	47-1	395152	393549	395686	394795	0.28	cps
Uranium	238-1	37617	36755	36688	37020	1.40	cps
Vanadium	51-2	7232	7529	7439	7400	2.06	cps
Yttrium	89-1	7050222	7118815	7184647	7117895	0.94	cps
Yttrium	89-2	183340	180961	182079	182127	0.65	cps
Zinc	66-2	36796	38012	37063	37290	1.71	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-13	Instrumnet Name :	P8
Client Sample ID :	MA3Z61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4659	4759	4909	4776	2.64	cps
Zirconium	91-1	1200	1108	1092	1133	5.15	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:50:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82643	81526	81232	81801	0.91	cps
Antimony	121-1	14400	13824	13457	13894	3.42	cps
Arsenic	75-2	1002	882	991	958	6.94	cps
Barium	135-1	259017	258273	255886	257725	0.63	cps
Barium	137-1	450727	447067	450083	449292	0.43	cps
Beryllium	9-1	989	1006	895	963	6.22	cps
Bismuth	209-1	6223602	6162976	6188449	6191676	0.49	cps
Bismuth	209-2	1418129	1430021	1448756	1432302	1.08	cps
Boron	11-1	2000	2409	2142	2184	9.50	cps
Boron	10-1	567	567	458	531	11.79	cps
Cadmium	106-1	2492	2359	2242	2364	5.29	cps
Cadmium	108-1	796	696	746	746	6.70	cps
Cadmium	111-1	9102	9167	9333	9201	1.30	cps
Calcium	43-1	38111	36499	36081	36897	2.91	cps
Calcium	44-1	608254	606205	612132	608864	0.49	cps
Chromium	52-2	11642	12025	12182	11950	2.33	cps
Cobalt	59-2	7065	6715	7369	7050	4.64	cps
Copper	63-2	28596	28877	28730	28734	0.49	cps
Dysprosium	156-1	17996	18647	18497	18380	1.85	cps
Dysprosium	156-2	3761	3741	3887	3796	2.10	cps
Erbium	164-1	22044	23105	23397	22849	3.11	cps
Erbium	164-2	4067	3784	3774	3875	4.30	cps
Gadolinium	160-1	18956	19073	19666	19232	1.98	cps
Gadolinium	160-2	4724	4608	4801	4711	2.07	cps
Holmium	165-1	9268604	9178829	9260583	9236005	0.54	cps
Holmium	165-2	1737718	1733077	1781715	1750836	1.53	cps
Indium	115-1	6951856	6849577	6883533	6894988	0.76	cps
Indium	115-2	245495	244676	247274	245815	0.54	cps
Iron	56-2	7815782	7865009	7655892	7778894	1.41	cps
Iron	57-2	198441	196977	195648	197022	0.71	cps
Krypton	83-1	347	363	407	372	8.32	cps
Lead	207-1	824361	823830	822085	823425	0.14	cps
Lead	208-1	3958513	3957670	3965526	3960570	0.11	cps
Lead	206-1	1006912	1003406	1007444	1005921	0.22	cps
Lithium	6-1	1283339	1272811	1288644	1281598	0.63	cps
Magnesium	24-2	58748	59726	59182	59219	0.83	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:50:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27534	27537	26946	27339	1.24	cps
Molybdenum	94-1	4009	4193	4184	4129	2.51	cps
Molybdenum	95-1	1567	1425	1533	1508	4.91	cps
Molybdenum	96-1	2509	1942	2092	2181	13.47	cps
Molybdenum	97-1	1000	925	1008	978	4.69	cps
Molybdenum	98-1	2125	2159	2450	2245	7.97	cps
Neodymium	150-1	29340	28458	28806	28868	1.54	cps
Neodymium	150-2	3517	3424	3247	3396	4.04	cps
Nickel	60-2	4748	4604	4501	4618	2.68	cps
Phosphorus	31-2	175	192	242	203	17.11	cps
Potassium	39-2	9070	9212	8978	9087	1.29	cps
Rhodium	103-1	6528853	6394351	6440425	6454543	1.06	cps
Rhodium	103-2	1611156	1591052	1604024	1602077	0.64	cps
Scandium	45-1	3852630	3791028	3784721	3809460	0.98	cps
Scandium	45-2	23827	24408	24852	24362	2.11	cps
Selenium	77-2	27	10	17	18	47.19	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	74	79	46	66	26.32	cps
Silicon	28-1	16013710	15876699	15761656	15884022	0.79	cps
Silver	109-1	1167	1325	1358	1283	7.98	cps
Silver	107-1	1275	1275	1542	1364	11.29	cps
Sodium	23-2	13148	12556	12531	12745	2.74	cps
Strontium	86-1	35222	33642	34161	34341	2.34	cps
Strontium	88-1	287759	292288	289723	289924	0.78	cps
Sulfur	34-1	266587	265867	262715	265057	0.78	cps
Terbium	159-1	9557560	9401069	9461863	9473497	0.83	cps
Terbium	159-2	1656921	1666022	1676371	1666438	0.58	cps
Thallium	203-1	1000	1100	833	978	13.78	cps
Thallium	205-1	2234	2417	2200	2284	5.11	cps
Tin	118-1	16536	17304	17604	17148	3.21	cps
Titanium	47-1	1183295	1170328	1165009	1172878	0.80	cps
Uranium	238-1	18030	17738	17672	17813	1.07	cps
Vanadium	51-2	12950	13186	12876	13004	1.25	cps
Yttrium	89-1	7329283	7224334	7301820	7285146	0.75	cps
Yttrium	89-2	185481	186079	186742	186101	0.34	cps
Zinc	66-2	586254	584546	581949	584249	0.37	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:50:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9137	9620	9479	9412	2.64	cps
Zirconium	91-1	2059	2334	2000	2131	8.36	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-15	Instrumnet Name :	P8
Client Sample ID :	MA3YS4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:53:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52158	52572	51229	51987	1.32	cps
Antimony	121-1	14709	13849	13883	14147	3.44	cps
Arsenic	75-2	104	126	104	111	11.55	cps
Barium	135-1	55903	56371	56036	56103	0.43	cps
Barium	137-1	98406	96317	95628	96784	1.49	cps
Beryllium	9-1	489	606	606	567	11.89	cps
Bismuth	209-1	6290956	6084551	6130137	6168548	1.76	cps
Bismuth	209-2	1405437	1414472	1420178	1413362	0.53	cps
Boron	11-1	1834	1842	2009	1895	5.21	cps
Boron	10-1	475	375	408	419	12.14	cps
Cadmium	106-1	1267	1325	1275	1289	2.45	cps
Cadmium	108-1	42	21	46	36	37.10	cps
Cadmium	111-1	933	1038	981	984	5.36	cps
Calcium	43-1	63611	63486	64097	63731	0.51	cps
Calcium	44-1	1052892	1048944	1041093	1047643	0.57	cps
Chromium	52-2	6402	5691	6065	6053	5.87	cps
Cobalt	59-2	2834	2707	2620	2720	3.94	cps
Copper	63-2	11445	10824	10761	11010	3.43	cps
Dysprosium	156-1	19674	19657	19607	19646	0.18	cps
Dysprosium	156-2	3854	3884	3651	3796	3.35	cps
Erbium	164-1	15251	15827	15351	15476	1.99	cps
Erbium	164-2	2567	2834	2677	2693	4.98	cps
Gadolinium	160-1	18205	18614	18756	18525	1.54	cps
Gadolinium	160-2	4538	4281	4541	4453	3.35	cps
Holmium	165-1	9211550	9185148	9110666	9169121	0.57	cps
Holmium	165-2	1701989	1704664	1708133	1704929	0.18	cps
Indium	115-1	6924188	6814723	6804770	6847893	0.97	cps
Indium	115-2	238290	239612	242309	240070	0.85	cps
Iron	56-2	2208036	2193333	2197746	2199705	0.34	cps
Iron	57-2	54038	54908	53754	54234	1.11	cps
Krypton	83-1	260	367	293	307	17.79	cps
Lead	207-1	434760	432890	431436	433028	0.38	cps
Lead	208-1	2026149	2014621	2007002	2015924	0.48	cps
Lead	206-1	513624	512649	508820	511698	0.50	cps
Lithium	6-1	1271834	1255389	1255184	1260802	0.76	cps
Magnesium	24-2	35921	35353	35846	35707	0.86	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-15	Instrumnet Name :	P8
Client Sample ID :	MA3YS4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:53:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10517	10968	10641	10709	2.17	cps
Molybdenum	94-1	2042	2192	2275	2170	5.45	cps
Molybdenum	95-1	583	683	608	625	8.33	cps
Molybdenum	96-1	1017	1100	1150	1089	6.19	cps
Molybdenum	97-1	383	308	383	358	12.08	cps
Molybdenum	98-1	817	892	733	814	9.73	cps
Neodymium	150-1	34212	33483	32822	33506	2.08	cps
Neodymium	150-2	3754	3951	3767	3824	2.87	cps
Nickel	60-2	2210	1920	2154	2095	7.34	cps
Phosphorus	31-2	92	58	33	61	47.89	cps
Potassium	39-2	6852	7135	6552	6846	4.26	cps
Rhodium	103-1	6505062	6319062	6397115	6407079	1.46	cps
Rhodium	103-2	1546982	1549999	1570059	1555680	0.81	cps
Scandium	45-1	3834578	3689792	3714202	3746191	2.07	cps
Scandium	45-2	23136	23393	23957	23495	1.79	cps
Selenium	77-2	17	20	10	16	32.73	cps
Selenium	78-2	2	11	15	9	72.12	cps
Selenium	82-1	172	69	126	123	42.10	cps
Silicon	28-1	12624110	12390766	12445961	12486946	0.98	cps
Silver	109-1	1150	1083	1058	1097	4.32	cps
Silver	107-1	1225	1017	1150	1131	9.33	cps
Sodium	23-2	12648	12214	12956	12606	2.96	cps
Strontium	86-1	40637	40980	40436	40684	0.68	cps
Strontium	88-1	351385	350383	349228	350332	0.31	cps
Sulfur	34-1	282845	279387	278129	280121	0.87	cps
Terbium	159-1	9512607	9257742	9284608	9351652	1.50	cps
Terbium	159-2	1608150	1621737	1640168	1623352	0.99	cps
Thallium	203-1	400	467	333	400	16.67	cps
Thallium	205-1	842	1208	1033	1028	17.85	cps
Tin	118-1	3692	3817	3851	3787	2.20	cps
Titanium	47-1	244556	242014	240946	242505	0.76	cps
Uranium	238-1	17363	16962	17688	17338	2.10	cps
Vanadium	51-2	4604	4998	4604	4735	4.80	cps
Yttrium	89-1	7202345	7031817	7027496	7087219	1.41	cps
Yttrium	89-2	178925	179650	180540	179705	0.45	cps
Zinc	66-2	8836	8996	8973	8935	0.97	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-15	Instrumnet Name :	P8
Client Sample ID :	MA3YS4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 18:53:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4951	5310	4593	4951	7.24	cps
Zirconium	91-1	1233	1150	1083	1156	6.50	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	10
Date & Time Acquired ::	2018-08-23 18:57:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8182	8312	8305	8266	0.88	cps
Antimony	121-1	1625	1734	1684	1681	3.23	cps
Arsenic	75-2	94	83	81	86	8.12	cps
Barium	135-1	24916	25200	25225	25114	0.68	cps
Barium	137-1	44233	42854	43180	43422	1.66	cps
Beryllium	9-1	150	156	150	152	2.11	cps
Bismuth	209-1	5959273	5959957	5820597	5913275	1.36	cps
Bismuth	209-2	1378827	1412609	1383752	1391729	1.31	cps
Boron	11-1	950	1175	1192	1106	12.21	cps
Boron	10-1	150	225	292	222	31.89	cps
Cadmium	106-1	1492	1142	1433	1356	13.83	cps
Cadmium	108-1	96	108	104	103	6.19	cps
Cadmium	111-1	1786	1473	1760	1673	10.35	cps
Calcium	43-1	4309	4301	3967	4192	4.65	cps
Calcium	44-1	71458	72044	72454	71985	0.70	cps
Chromium	52-2	1680	1460	1497	1546	7.63	cps
Cobalt	59-2	667	800	693	720	9.80	cps
Copper	63-2	3304	3150	3230	3228	2.38	cps
Dysprosium	156-1	1859	1625	1717	1734	6.78	cps
Dysprosium	156-2	350	367	423	380	10.12	cps
Erbium	164-1	2192	2184	2017	2131	4.63	cps
Erbium	164-2	400	390	433	408	5.56	cps
Gadolinium	160-1	1834	1775	1942	1850	4.57	cps
Gadolinium	160-2	477	463	437	459	4.44	cps
Holmium	165-1	8867724	8928115	8696228	8830689	1.36	cps
Holmium	165-2	1719935	1732680	1688809	1713808	1.32	cps
Indium	115-1	6629597	6744005	6581446	6651683	1.26	cps
Indium	115-2	240892	248993	239990	243292	2.04	cps
Iron	56-2	779105	770270	771154	773510	0.63	cps
Iron	57-2	19642	19069	19108	19273	1.66	cps
Krypton	83-1	327	367	383	359	8.11	cps
Lead	207-1	80851	80487	79962	80433	0.56	cps
Lead	208-1	379066	379612	380589	379756	0.20	cps
Lead	206-1	97751	98423	97707	97960	0.41	cps
Lithium	6-1	1225631	1206705	1200559	1210965	1.08	cps
Magnesium	24-2	6402	6127	6352	6293	2.33	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	10
Date & Time Acquired ::	2018-08-23 18:57:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2710	2940	2624	2758	5.93	cps
Molybdenum	94-1	742	608	592	647	12.70	cps
Molybdenum	95-1	250	142	208	200	27.32	cps
Molybdenum	96-1	267	342	425	344	23.00	cps
Molybdenum	97-1	150	200	200	183	15.75	cps
Molybdenum	98-1	250	233	242	242	3.45	cps
Neodymium	150-1	2900	2680	2934	2838	4.85	cps
Neodymium	150-2	293	323	330	316	6.19	cps
Nickel	60-2	763	693	633	697	9.34	cps
Phosphorus	31-2	75	8	33	39	86.61	cps
Potassium	39-2	2300	2700	2384	2461	8.58	cps
Rhodium	103-1	6251056	6271920	6090235	6204403	1.60	cps
Rhodium	103-2	1509756	1584651	1529862	1541423	2.51	cps
Scandium	45-1	3698548	3686939	3560533	3648673	2.10	cps
Scandium	45-2	23320	23937	23957	23738	1.53	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	21	-27	-45	-17	-203.47	cps
Silicon	28-1	1835208	1842514	1840325	1839349	0.20	cps
Silver	109-1	425	492	567	494	14.33	cps
Silver	107-1	525	400	433	453	14.30	cps
Sodium	23-2	6660	6669	5985	6438	6.09	cps
Strontium	86-1	3476	3942	4201	3873	9.49	cps
Strontium	88-1	27621	28773	29023	28472	2.63	cps
Sulfur	34-1	257504	255955	260263	257907	0.85	cps
Terbium	159-1	9177051	9020763	8984255	9060690	1.13	cps
Terbium	159-2	1596491	1633397	1596563	1608817	1.32	cps
Thallium	203-1	158	100	167	142	25.64	cps
Thallium	205-1	475	383	325	394	19.17	cps
Tin	118-1	2884	3109	2684	2892	7.35	cps
Titanium	47-1	112793	114078	113576	113482	0.57	cps
Uranium	238-1	1742	1800	1684	1742	3.35	cps
Vanadium	51-2	1357	1377	1333	1356	1.60	cps
Yttrium	89-1	6827287	6834813	6734021	6798707	0.83	cps
Yttrium	89-2	174653	179675	178209	177512	1.45	cps
Zinc	66-2	58128	57472	57907	57836	0.58	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	J4425-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MA3Z63	Dilution Factor :	10
Date & Time Acquired ::	2018-08-23 18:57:20	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1467	1442	1400	1436	2.35	cps
Zirconium	91-1	333	342	325	333	2.50	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:00:43	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221446	218572	220326	220115	0.66	cps
Antimony	121-1	3890272	3853106	3921038	3888139	0.87	cps
Arsenic	75-2	35003	34675	34627	34768	0.59	cps
Barium	135-1	4071921	4094392	4134239	4100184	0.77	cps
Barium	137-1	7128375	7093047	7108114	7109845	0.25	cps
Beryllium	9-1	492133	484443	487348	487975	0.80	cps
Bismuth	209-1	5712434	5815033	5660668	5729378	1.37	cps
Bismuth	209-2	1328445	1331371	1319731	1326516	0.46	cps
Boron	11-1	260211	267864	270785	266287	2.05	cps
Boron	10-1	56094	57081	57081	56752	1.00	cps
Cadmium	106-1	85093	85555	85252	85300	0.28	cps
Cadmium	108-1	55991	56895	56911	56599	0.93	cps
Cadmium	111-1	787650	789433	787801	788295	0.13	cps
Calcium	43-1	3902165	3904440	3908855	3905153	0.09	cps
Calcium	44-1	63192072	63322856	63116699	63210542	0.17	cps
Chromium	52-2	294756	293071	291672	293166	0.53	cps
Cobalt	59-2	624077	624375	620977	623143	0.30	cps
Copper	63-2	1058289	1050542	1040508	1049780	0.85	cps
Dysprosium	156-1	33	42	67	47	36.74	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	67	42	50	53	24.12	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	142	58	67	89	51.63	cps
Gadolinium	160-2	17	20	7	14	48.02	cps
Holmium	165-1	9002781	9057656	8784160	8948199	1.62	cps
Holmium	165-2	1713533	1740276	1703958	1719256	1.09	cps
Indium	115-1	6495191	6543919	6368245	6469118	1.40	cps
Indium	115-2	234252	235008	231715	233659	0.74	cps
Iron	56-2	47085733	47104994	47101168	47097298	0.02	cps
Iron	57-2	1191915	1196854	1185994	1191588	0.46	cps
Krypton	83-1	303	333	340	326	6.00	cps
Lead	207-1	2422123	2440933	2479238	2447431	1.19	cps
Lead	208-1	10943850	10899815	11020455	10954707	0.56	cps
Lead	206-1	2679502	2679843	2696486	2685277	0.36	cps
Lithium	6-1	1190782	1185175	1141583	1172513	2.30	cps
Magnesium	24-2	5045800	4973015	4994374	5004396	0.75	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:00:43	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157763	155824	156208	156598	0.66	cps
Molybdenum	94-1	6381293	6331459	6396975	6369909	0.54	cps
Molybdenum	95-1	7771040	7757692	7773442	7767391	0.11	cps
Molybdenum	96-1	8694417	8705598	8700492	8700169	0.06	cps
Molybdenum	97-1	4982559	4956118	4986677	4975118	0.33	cps
Molybdenum	98-1	12631566	12491992	12620322	12581294	0.62	cps
Neodymium	150-1	200	193	187	193	3.45	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	184699	184281	183318	184100	0.38	cps
Phosphorus	31-2	2642	2859	2742	2748	3.95	cps
Potassium	39-2	1275602	1292284	1296214	1288033	0.85	cps
Rhodium	103-1	5927534	5936194	5867910	5910546	0.63	cps
Rhodium	103-2	1460330	1429557	1421835	1437241	1.42	cps
Scandium	45-1	3736931	3717968	3629490	3694796	1.55	cps
Scandium	45-2	24251	24184	23273	23903	2.29	cps
Selenium	77-2	243	207	250	233	10.00	cps
Selenium	78-2	724	796	756	759	4.77	cps
Selenium	82-1	48631	49026	48237	48631	0.81	cps
Silicon	28-1	1799707	1811085	1830846	1813879	0.87	cps
Silver	109-1	3694970	3748230	3706908	3716703	0.75	cps
Silver	107-1	3911877	3897465	3873117	3894153	0.50	cps
Sodium	23-2	11557309	11446611	11403761	11469227	0.69	cps
Strontium	86-1	970746	974609	979151	974835	0.43	cps
Strontium	88-1	8394896	8445199	8539155	8459750	0.87	cps
Sulfur	34-1	540275	543991	544194	542820	0.41	cps
Terbium	159-1	9153836	9105618	9061007	9106820	0.51	cps
Terbium	159-2	1617393	1634137	1621359	1624296	0.54	cps
Thallium	203-1	3302414	3284898	3278722	3288678	0.37	cps
Thallium	205-1	7763531	7705391	7745548	7738156	0.38	cps
Tin	118-1	2680605	2636816	2659401	2658941	0.82	cps
Titanium	47-1	2024564	1999346	2009704	2011205	0.63	cps
Uranium	238-1	10938014	10817219	10908346	10887860	0.58	cps
Vanadium	51-2	213112	212844	210046	212001	0.80	cps
Yttrium	89-1	6766676	6844588	6709077	6773447	1.00	cps
Yttrium	89-2	174989	177497	176446	176311	0.71	cps
Zinc	66-2	92747	93804	92650	93067	0.69	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P8
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:00:43	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5415201	5384582	5459904	5419896	0.70	cps
Zirconium	91-1	1183734	1176051	1181103	1180296	0.33	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:07:49	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	8	18	13	39.03	cps
Antimony	121-1	2917	2617	2667	2734	5.88	cps
Arsenic	75-2	2	4	7	4	65.54	cps
Barium	135-1	50	58	58	56	8.67	cps
Barium	137-1	83	50	67	67	25.00	cps
Beryllium	9-1	222	200	178	200	11.11	cps
Bismuth	209-1	5928030	5896811	5936662	5920501	0.35	cps
Bismuth	209-2	1395825	1401851	1367817	1388498	1.31	cps
Boron	11-1	3467	3509	3176	3384	5.37	cps
Boron	10-1	725	992	608	775	25.36	cps
Cadmium	106-1	1367	1150	1342	1286	9.22	cps
Cadmium	108-1	25	0	29	18	87.37	cps
Cadmium	111-1	968	851	961	927	7.09	cps
Calcium	43-1	442	517	392	450	13.98	cps
Calcium	44-1	13140	13140	13549	13276	1.78	cps
Chromium	52-2	350	347	320	339	4.85	cps
Cobalt	59-2	53	73	57	61	17.53	cps
Copper	63-2	377	403	337	372	9.01	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	75	58	56	37.75	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	17	42	58	39	53.93	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	8852149	8792191	8827882	8824074	0.34	cps
Holmium	165-2	1692183	1724505	1686147	1700945	1.21	cps
Indium	115-1	6781361	6721239	6671998	6724866	0.81	cps
Indium	115-2	245145	244298	242373	243939	0.58	cps
Iron	56-2	1633	1628	1756	1672	4.32	cps
Iron	57-2	50	22	61	44	45.07	cps
Krypton	83-1	350	337	330	339	3.00	cps
Lead	207-1	583	517	572	557	6.41	cps
Lead	208-1	2522	2389	2511	2474	2.99	cps
Lead	206-1	539	550	606	565	6.32	cps
Lithium	6-1	1219653	1206501	1205459	1210538	0.65	cps
Magnesium	24-2	192	258	225	225	14.82	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:07:49	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	57	73	67	13.23	cps
Molybdenum	94-1	1217	917	1017	1050	14.55	cps
Molybdenum	95-1	925	858	942	908	4.85	cps
Molybdenum	96-1	1208	1100	1033	1114	7.93	cps
Molybdenum	97-1	592	508	600	567	8.94	cps
Molybdenum	98-1	1442	1267	1325	1345	6.63	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	260	250	258	2.69	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1750	2000	1917	1889	6.74	cps
Rhodium	103-1	6224274	6225774	6214649	6221566	0.10	cps
Rhodium	103-2	1554704	1563300	1530212	1549405	1.11	cps
Scandium	45-1	3695534	3733208	3723042	3717261	0.52	cps
Scandium	45-2	24749	24582	24258	24529	1.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-9	15	1	2	543.36	cps
Silicon	28-1	265861	266520	266038	266140	0.13	cps
Silver	109-1	300	358	242	300	19.45	cps
Silver	107-1	267	317	375	319	16.97	cps
Sodium	23-2	6077	6102	5718	5965	3.60	cps
Strontium	86-1	617	608	642	622	2.79	cps
Strontium	88-1	175	217	167	186	14.39	cps
Sulfur	34-1	324807	328820	326380	326669	0.62	cps
Terbium	159-1	9003660	8990826	8943283	8979256	0.35	cps
Terbium	159-2	1623171	1628931	1595932	1616011	1.09	cps
Thallium	203-1	500	467	525	497	5.89	cps
Thallium	205-1	1017	1033	950	1000	4.41	cps
Tin	118-1	2025	1859	1992	1959	4.50	cps
Titanium	47-1	75	117	117	103	23.41	cps
Uranium	238-1	50	75	67	64	19.92	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	6833787	6763886	6783705	6793793	0.53	cps
Yttrium	89-2	180664	180834	174398	178632	2.05	cps
Zinc	66-2	90	77	97	88	11.60	cps

LB Number :	LB97512	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P8
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 19:07:49	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1550	1734	1642	1642	5.58	cps
Zirconium	91-1	308	417	433	386	17.58	cps