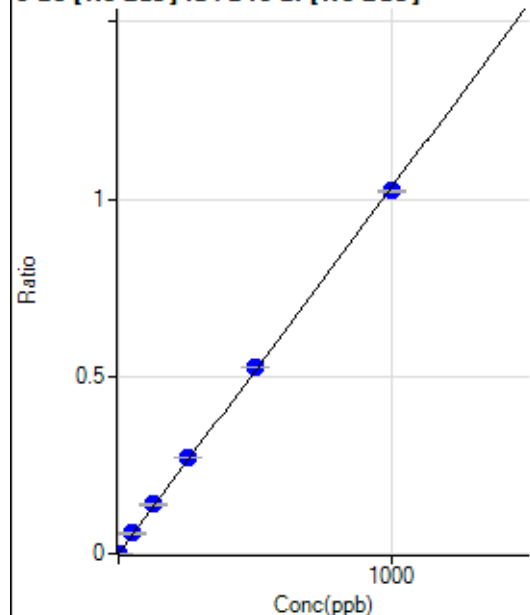


Batch Folder: D:\P8022718-MS .bb\
Analysis File: P8022718-MS .batch.bin
DA Date-Time: 2018-02-27 17:48:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-02-27 14:40:07
2			
3	005CALS.d	S02	2018-02-27 14:47:32
4	006CALS.d	S03	2018-02-27 14:51:18
5	007CALS.d	S04	2018-02-27 14:55:04
6	008CALS.d	S05	2018-02-27 14:58:44
7	009CALS.d	S06	2018-02-27 15:02:19
8	010CALS.d	S07	2018-02-27 15:05:50
9	011CALS.d	S08	2018-02-27 15:09:17

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	79.63	0.0001	P	42.6
2	☐	0.100					
3	☐	1.000	1.087	970.43	0.0012	P	12.5
4	☐	50.000	55.136	47352.43	0.0570	P	0.7
5	☐	125.000	135.689	112376.40	0.1402	P	3.6
6	☐	250.000	262.979	216403.51	0.2717	P	0.6
7	☐	500.000	508.392	401071.81	0.5251	P	0.4
8	☐	1000.000	990.966	756243.40	1.0234	P	0.3
9	☐			516.69	0.0007	P	7.4

$$y = 0.0010 * x + 9.8569E-005$$

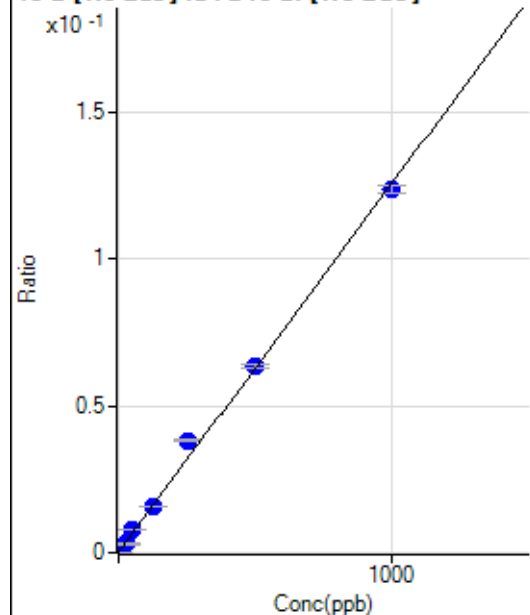
$$R = 0.9998$$

$$DL = 0.122$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0002	P	22.4
2	☐	2.500					
3	☐	25.000	22.542	2372.52	0.0030	P	7.2
4	☐	50.000	61.225	6507.32	0.0078	P	1.9
5	☐	125.000	124.536	12644.92	0.0158	P	2.9
6	☐	250.000	302.044	30285.59	0.0380	P	1.6
7	☐	500.000	505.662	48524.66	0.0635	P	2.9
8	☐	1000.000	983.716	91213.61	0.1234	P	2.3
9	☐			4095.21	0.0055	P	10.8

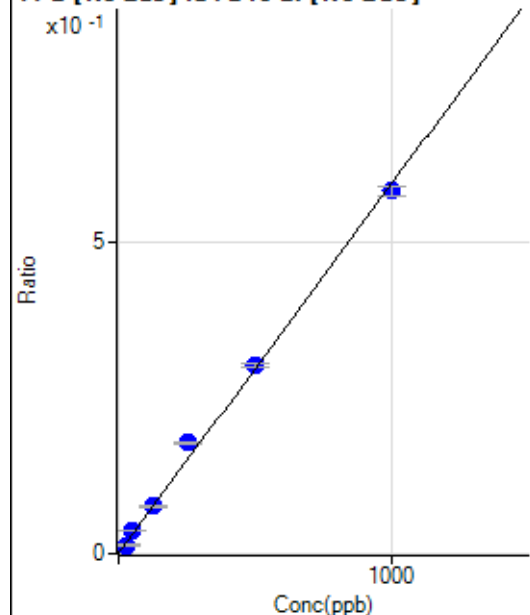
$$y = 1.2532E-004 * x + 1.6501E-004$$

$$R = 0.9983$$

$$DL = 0.8867$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	497.25	0.0006	P	5.7
2	☐	2.500					
3	☐	25.000	22.066	10865.69	0.0137	P	6.6
4	☐	50.000	59.945	30012.68	0.0361	P	0.6
5	☐	125.000	126.751	60726.34	0.0758	P	1.6
6	☐	250.000	299.622	141976.92	0.1782	P	1.6
7	☐	500.000	511.532	232063.26	0.3038	P	2.1
8	☐	1000.000	981.186	430216.25	0.5822	P	2.5
9	☐			19082.85	0.0258	P	11.0

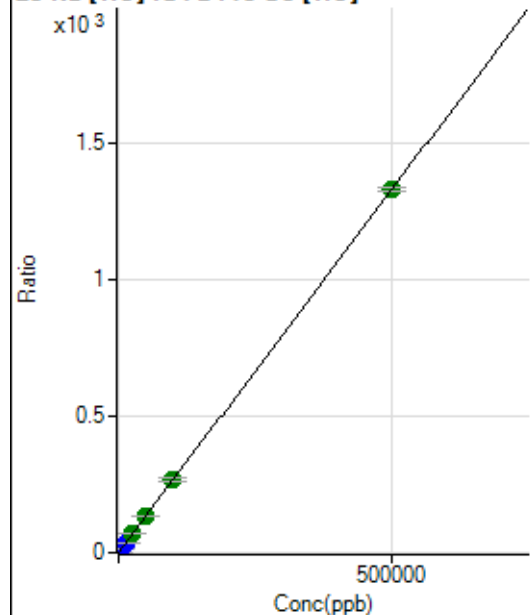
$$y = 5.9278\text{E-}004 * x + 6.1546\text{E-}004$$

$$R = 0.9984$$

$$DL = 0.1778$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6243.30	0.3420	P	8.8
2	☐	50.000					
3	☐	500.000	447.280	29192.25	1.5322	P	0.5
4	☐	5000.000	4982.508	259702.69	13.6010	P	0.9
5	☐	12500.000	12458.917	605660.60	33.4966	P	2.1
6	☐	25000.000	25329.795	1148054.67	67.7475	A	1.3
7	☐	50000.000	49567.203	2049430.47	132.2460	A	1.4
8	☐	100000.00	100123.69	3885942.15	266.7826	A	5.2
9	☐	500000.00	500003.30	20405753.93	1,330.908	A	1.0

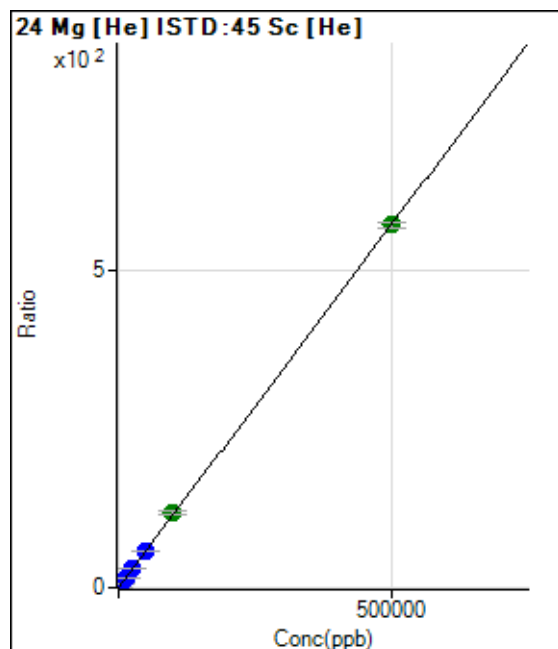
$$y = 0.0027 * x + 0.3420$$

$$R = 1.0000$$

$$DL = 33.91$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0074	P	20.6
2	☐	50.000					
3	☐	500.000	451.409	9953.88	0.5225	P	1.7
4	☐	5000.000	5070.452	110608.31	5.7927	P	0.6
5	☐	12500.000	12610.238	260292.18	14.3955	P	2.0
6	☐	25000.000	25480.347	492786.12	29.0801	P	1.4
7	☐	50000.000	49520.898	875759.12	56.5100	P	1.2
8	☐	100000.00	102329.09	1700709.20	116.7633	A	5.3
9	☐	500000.00	499554.66	8739039.87	569.9915	A	1.4

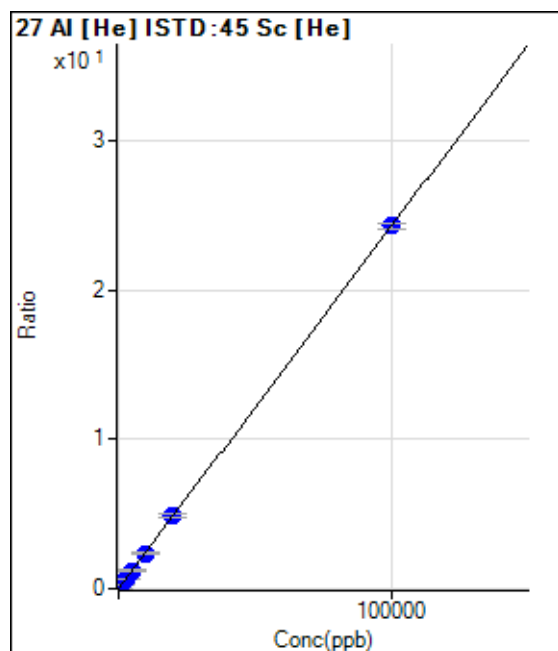
$$y = 0.0011 * x + 0.0074$$

$$R = 1.0000$$

$$DL = 4.038$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0006	P	118.4
2	☐	2.000					
3	☐	20.000	14.200	77.78	0.0041	P	53.9
4	☐	1000.000	967.793	4495.35	0.2354	P	1.3
5	☐	2500.000	2420.449	10629.48	0.5879	P	1.9
6	☐	5000.000	5001.034	20565.68	1.2139	P	4.0
7	☐	10000.000	9796.150	36837.71	2.3773	P	3.2
8	☐	20000.000	20026.085	70782.43	4.8592	P	5.1
9	☐	100000.00	100017.42	372036.63	24.2658	P	1.9

$$y = 2.4261E-004 * x + 6.3277E-004$$

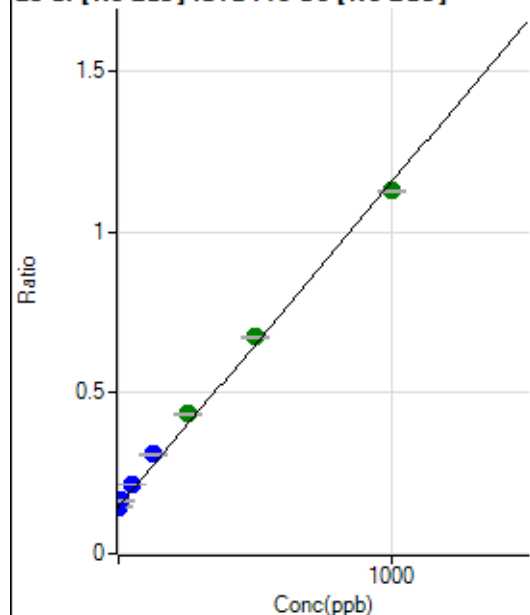
$$R = 1.0000$$

$$DL = 9.261$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	369117.61	0.1465	P	0.9
2	☐	1.000					
3	☐	10.000	20.458	419176.63	0.1672	P	3.2
4	☐	50.000	67.848	559385.05	0.2150	P	0.8
5	☐	125.000	160.590	775635.92	0.3086	P	2.4
6	☐	250.000	286.767	1083200.11	0.4360	A	1.5
7	☐	500.000	523.876	1597264.43	0.6753	A	1.0
8	☐	1000.000	973.424	2579846.95	1.1292	A	0.5
9	☐			354081.39	0.1533	P	0.5

$$y = 0.0010 * x + 0.1465$$

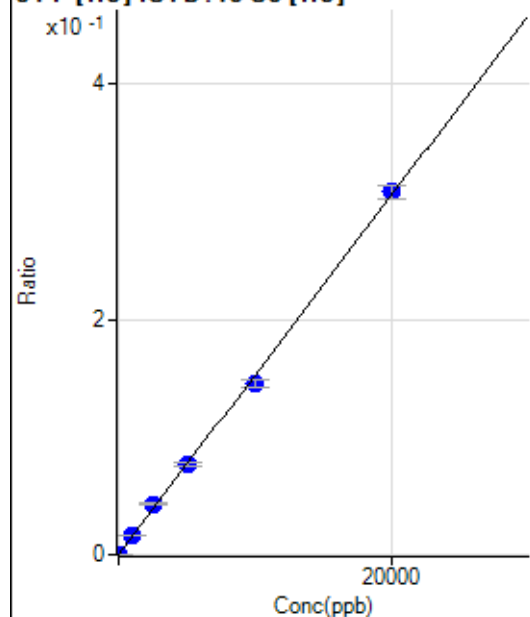
$$R = 0.9986$$

$$DL = 3.884$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.013	2.78	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	0.013	2.78	0.0001	P	173.2
4	☐	1000.000	1047.207	308.35	0.0162	P	7.5
5	☐	2500.000	2825.573	783.39	0.0433	P	3.2
6	☐	5000.000	5022.313	1302.89	0.0769	P	4.6
7	☐	10000.000	9546.529	2264.18	0.1461	P	4.9
8	☐	20000.000	20178.100	4498.14	0.3086	P	4.1
9	☐			2.78	0.0002	P	173.2

$$y = 1.5284E-005 * x + 1.4641E-004$$

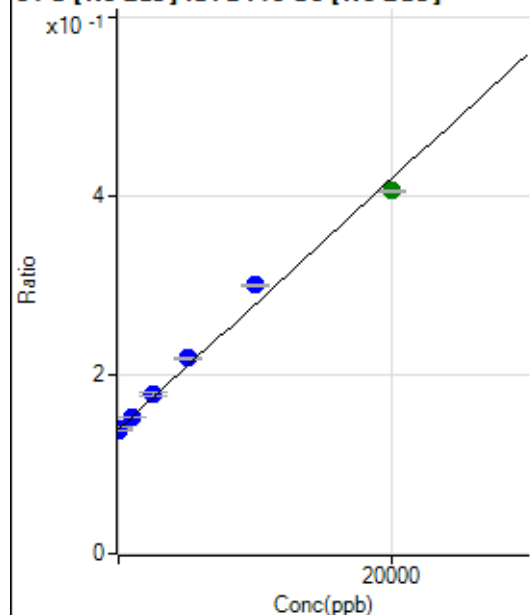
$$R = 0.9995$$

$$DL = 49.78$$

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	-51.249	349067.09	0.1386	P	0.7
2	☐	0.000					
3	☐	0.000	51.249	351013.79	0.1400	P	3.6
4	☐	1000.000	999.013	398866.43	0.1533	P	0.5
5	☐	2500.000	2823.015	449678.25	0.1789	P	2.3
6	☐	5000.000	5690.760	544601.58	0.2192	P	1.2
7	☐	10000.000	11534.922	712584.77	0.3013	P	0.7
8	☐	20000.000	19019.521	928563.42	0.4064	A	0.5
9	☐			293786.02	0.1272	P	0.6

$$y = 1.4046\text{E-}005 * x + 0.1393$$

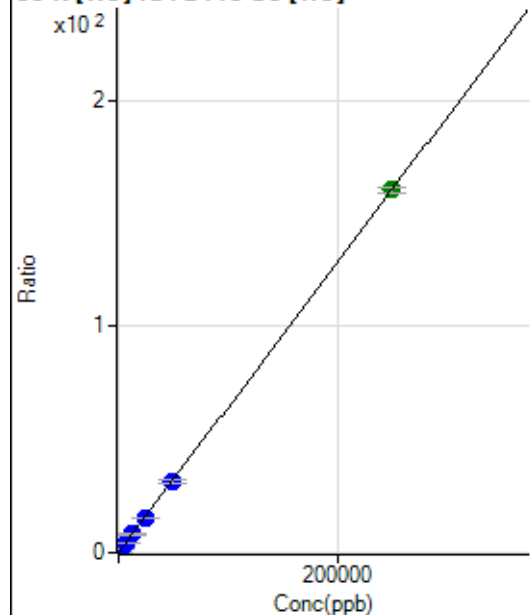
$$R = 0.9946$$

$$DL = 633.2$$

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	2047.46	0.1121	P	10.7
2	☐	50.000					
3	☐	500.000	452.272	7646.87	0.4014	P	5.3
4	☐	2500.000	2533.430	33084.20	1.7327	P	0.2
5	☐	6250.000	6274.088	74600.98	4.1255	P	1.5
6	☐	12500.000	12459.048	136946.86	8.0818	P	1.8
7	☐	25000.000	23850.333	238176.99	15.3685	P	0.9
8	☐	50000.000	48826.811	456580.38	31.3452	P	5.2
9	☐	250000.00	250350.81	2457001.51	160.2543	A	1.4

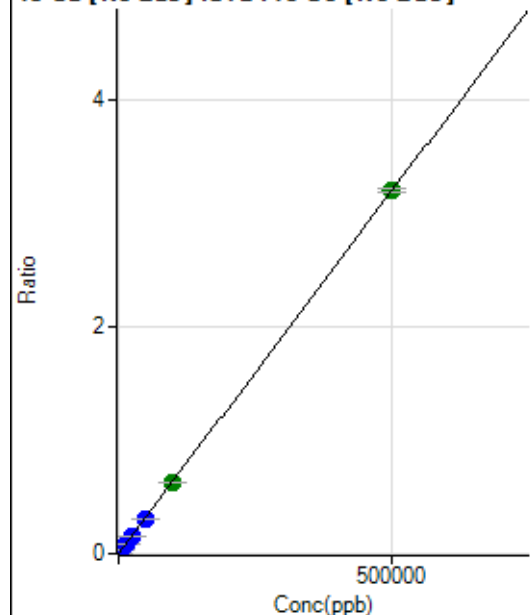
$$y = 6.3967\text{E-}004 * x + 0.1121$$

$$R = 1.0000$$

$$DL = 56.1$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	947.31	0.0004	P	13.2
2	☐	50.000					
3	☐	500.000	462.624	8347.32	0.0033	P	1.5
4	☐	5000.000	4986.493	83741.18	0.0322	P	1.4
5	☐	12500.000	12227.097	196973.21	0.0784	P	2.6
6	☐	25000.000	24494.663	389146.17	0.1566	P	1.4
7	☐	50000.000	48671.864	735206.02	0.3109	P	0.4
8	☐	100000.00	98332.093	1434073.37	0.6277	A	0.6
9	☐	500000.00	500498.65	7376227.25	3.1932	A	1.1

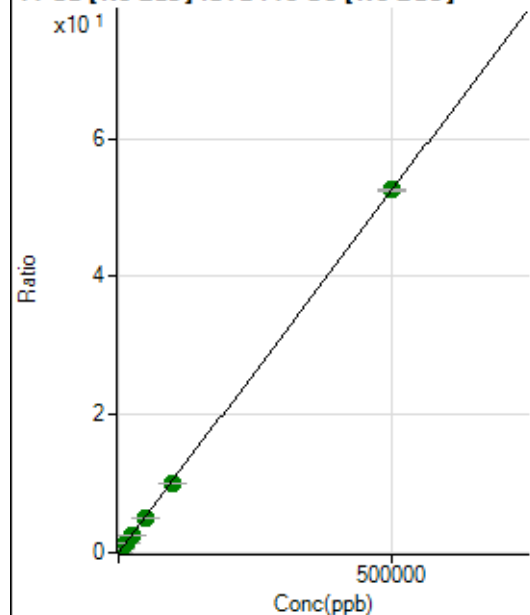
$$y = 6.3793\text{E-}006 * x + 3.7622\text{E-}004$$

$$R = 1.0000$$

$$DL = 23.35$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12622.91	0.0050	P	4.0
2	☐	50.000					
3	☐	500.000	450.416	131097.88	0.0523	P	2.7
4	☐	5000.000	5064.739	1395754.52	0.5365	A	1.1
5	☐	12500.000	12391.764	3280759.21	1.3053	A	2.4
6	☐	25000.000	24403.269	6374346.15	2.5657	A	1.3
7	☐	50000.000	48254.435	11987137.33	5.0685	A	0.4
8	☐	100000.00	96498.273	23146518.05	10.1309	A	0.2
9	☐	500000.00	500906.84	121428397.1	52.5669	A	0.8

$$y = 1.0493\text{E-}004 * x + 0.0050$$

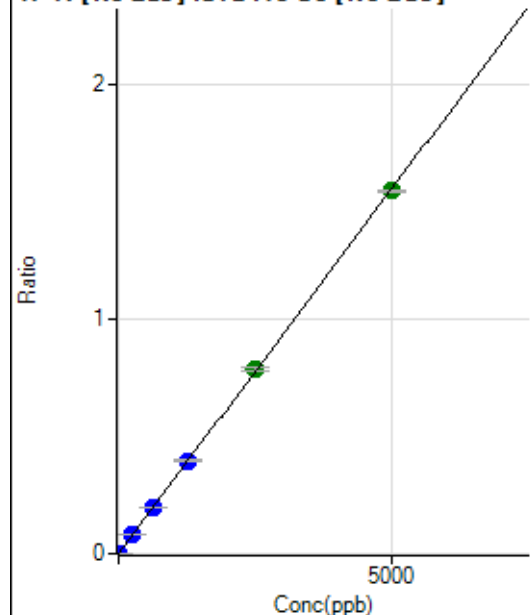
$$R = 1.0000$$

$$DL = 5.703$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	36.3
2	☐	0.500					
3	☐	5.000	4.680	3725.66	0.0015	P	4.0
4	☐	250.000	258.695	209044.80	0.0803	P	2.1
5	☐	625.000	636.077	496391.27	0.1975	P	2.4
6	☐	1250.000	1273.881	982668.33	0.3955	P	1.1
7	☐	2500.000	2531.057	1858466.45	0.7858	A	1.8
8	☐	5000.000	4976.682	3530253.59	1.5451	A	0.7
9	☐			897.29	0.0004	P	10.4

$$y = 3.1046\text{E-}004 * x + 3.3108\text{E-}005$$

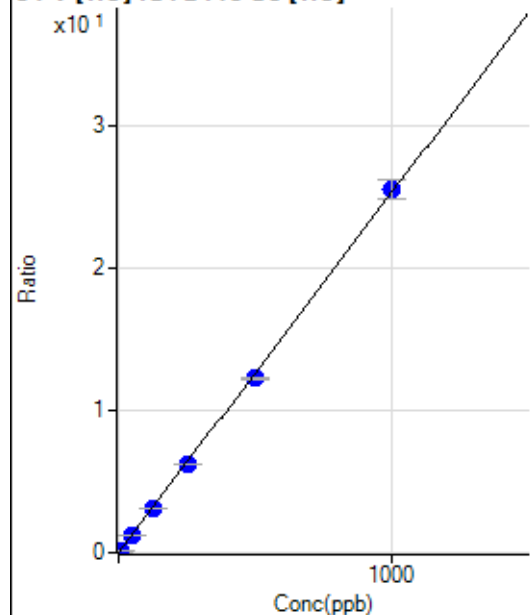
$$R = 1.0000$$

$$DL = 0.116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0006	P	93.4
2	☐	0.500					
3	☐	5.000	4.375	2114.65	0.1110	P	2.2
4	☐	50.000	49.685	23959.63	1.2548	P	0.9
5	☐	125.000	122.423	55892.30	3.0909	P	1.6
6	☐	250.000	247.612	105940.15	6.2511	P	0.6
7	☐	500.000	484.860	189689.38	12.2400	P	1.2
8	☐	1000.000	1008.508	370832.02	25.4585	P	5.2
9	☐			120.00	0.0078	P	9.8

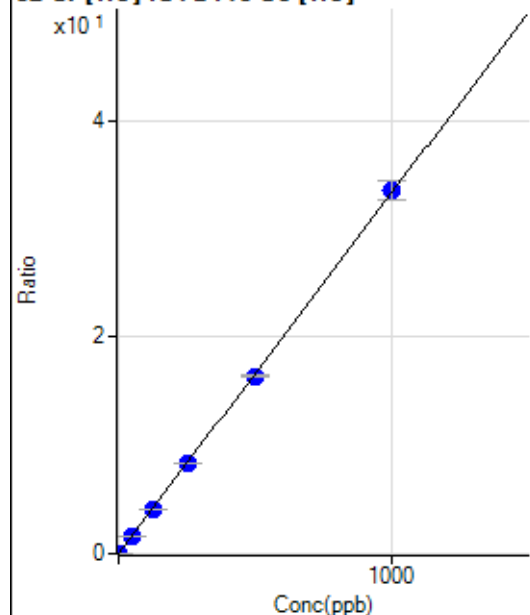
$$y = 0.0252 * x + 5.6598\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.06284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	307.79	0.0168	P	3.7
2	☐	0.200					
3	☐	2.000	2.005	1592.35	0.0836	P	4.0
4	☐	50.000	49.375	31714.94	1.6609	P	0.9
5	☐	125.000	122.631	74149.47	4.1002	P	1.0
6	☐	250.000	250.302	141525.40	8.3514	P	1.2
7	☐	500.000	490.154	253195.97	16.3380	P	1.1
8	☐	1000.000	1005.175	487767.03	33.4871	P	5.2
9	☐			12994.01	0.8475	P	2.8

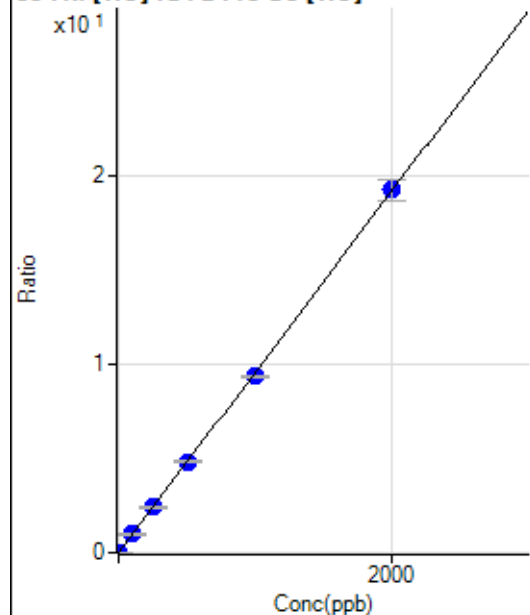
$$y = 0.0333 * x + 0.0168$$

$$R = 0.9999$$

$$DL = 0.05611$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0006	P	41.9
2	☐	0.100					
3	☐	1.000	1.217	233.34	0.0122	P	3.0
4	☐	100.000	101.949	18644.90	0.9764	P	3.1
5	☐	250.000	250.952	43445.40	2.4027	P	2.1
6	☐	500.000	505.411	82000.04	4.8383	P	0.3
7	☐	1000.000	977.530	145019.28	9.3573	P	0.7
8	☐	2000.000	2009.666	280145.72	19.2367	P	5.8
9	☐			1078.95	0.0704	P	4.9

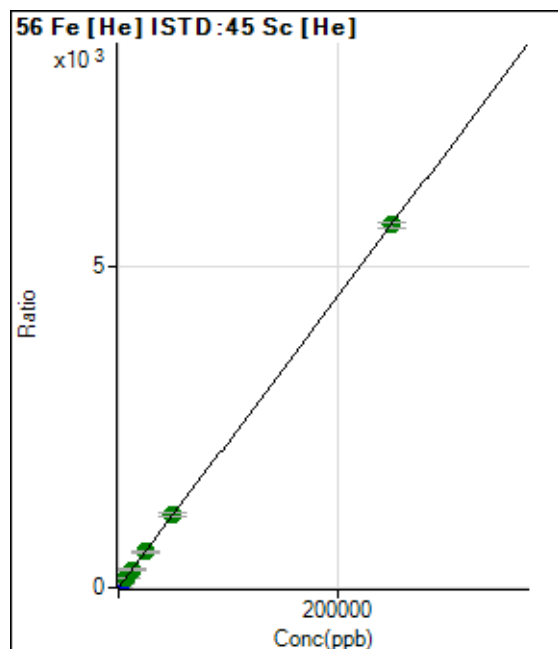
$$y = 0.0096 * x + 5.9977E-004$$

$$R = 0.9999$$

$$DL = 0.07872$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1016.73	0.0557	P	10.6
2	☐	5.000					
3	☐	50.000	46.877	21288.97	1.1175	P	2.6
4	☐	2500.000	2505.441	1084707.50	56.8078	P	0.5
5	☐	6250.000	6321.830	2590506.13	143.2549	A	1.6
6	☐	12500.000	12553.297	4819689.35	284.4073	A	1.1
7	☐	25000.000	24581.202	8630125.31	556.8579	A	1.2
8	☐	50000.000	50661.505	16712752.11	1,147.617	A	5.8
9	☐	250000.00	249905.06	86791450.09	5,660.792	A	1.2

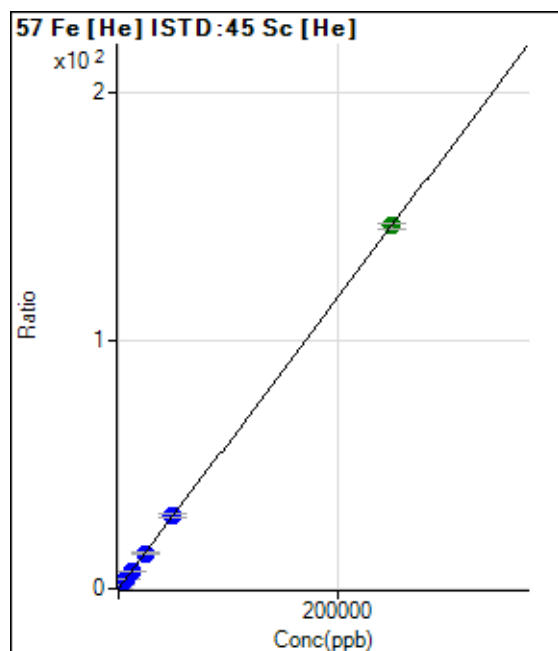
$$y = 0.0227 * x + 0.0557$$

$$R = 1.0000$$

$$DL = 0.7792$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.19	0.0019	P	57.4
2	☐	5.000					
3	☐	50.000	44.470	531.50	0.0279	P	4.6
4	☐	2500.000	2451.557	27423.85	1.4362	P	0.6
5	☐	6250.000	6065.629	64201.35	3.5507	P	2.0
6	☐	12500.000	12407.596	123045.93	7.2612	P	1.4
7	☐	25000.000	24306.455	220410.18	14.2228	P	1.9
8	☐	50000.000	50122.044	427168.26	29.3266	P	5.3
9	☐	250000.00	250054.66	2243019.46	146.3005	A	1.8

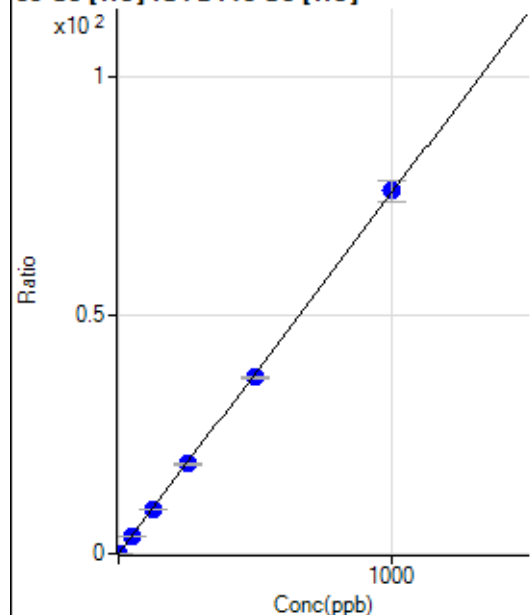
$$y = 5.8507E-004 * x + 0.0019$$

$$R = 1.0000$$

$$DL = 5.543$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0025	P	41.6
2	☐	0.100					
3	☐	1.000	0.906	1354.54	0.0711	P	3.3
4	☐	50.000	49.066	70952.78	3.7160	P	1.3
5	☐	125.000	122.794	168069.84	9.2961	P	2.6
6	☐	250.000	248.649	318927.06	18.8212	P	1.9
7	☐	500.000	489.621	574318.93	37.0589	P	1.2
8	☐	1000.000	1005.849	1108730.98	76.1290	P	5.6
9	☐			1545.67	0.1008	P	4.8

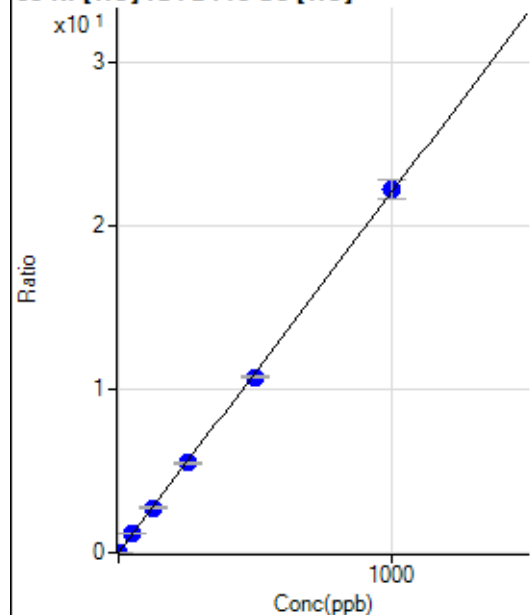
$$y = 0.0757 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.0415$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0197	P	10.9
2	☐	0.100					
3	☐	1.000	0.871	741.14	0.0389	P	14.2
4	☐	50.000	50.151	21463.38	1.1241	P	1.1
5	☐	125.000	123.673	49594.88	2.7431	P	2.7
6	☐	250.000	249.112	93295.42	5.5054	P	1.6
7	☐	500.000	486.685	166395.79	10.7369	P	1.0
8	☐	1000.000	1007.038	323271.79	22.1954	P	5.4
9	☐			5517.85	0.3599	P	3.2

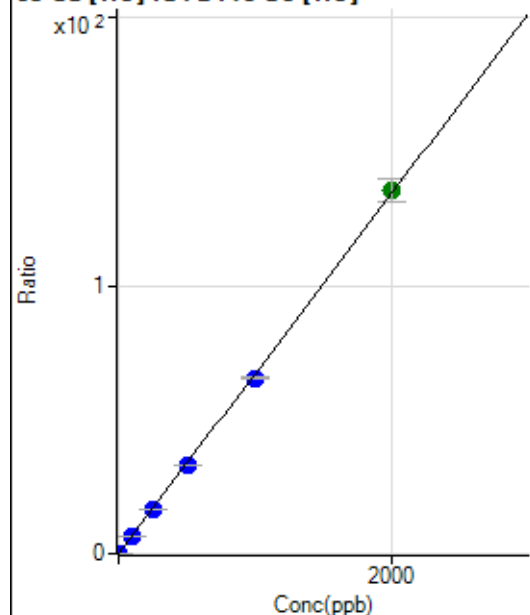
$$y = 0.0220 * x + 0.0197$$

$$R = 0.9999$$

$$DL = 0.2942$$

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	115.56	0.0063	P	14.6
2	☐	0.200					
3	☐	2.000	1.745	2352.46	0.1235	P	1.7
4	☐	100.000	97.349	124954.18	6.5440	P	0.7
5	☐	250.000	243.125	295379.07	16.3340	P	1.3
6	☐	500.000	492.721	560831.61	33.0963	P	1.5
7	☐	1000.000	974.637	1014500.33	65.4607	P	0.8
8	☐	2000.000	2015.494	1970947.00	135.3623	A	6.2
9	☐			3331.57	0.2173	P	1.8

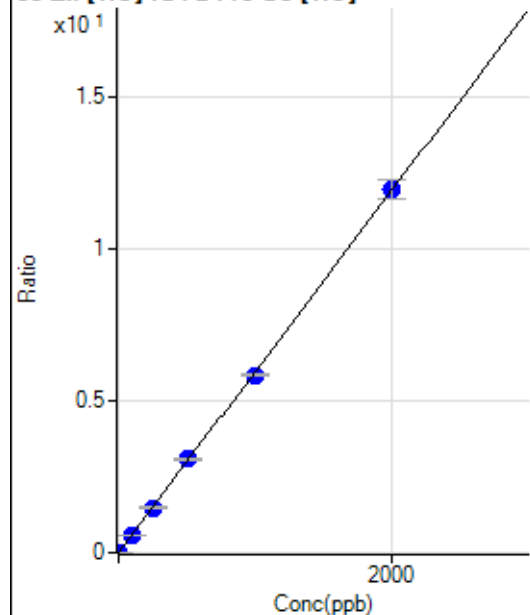
$$y = 0.0672 * x + 0.0063$$

$$R = 0.9999$$

$$DL = 0.04095$$

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	48.89	0.0027	P	41.4
2	☐	0.200					
3	☐	2.000	2.573	343.34	0.0180	P	12.7
4	☐	100.000	96.679	11056.79	0.5791	P	3.1
5	☐	250.000	247.123	26686.96	1.4761	P	2.7
6	☐	500.000	518.356	52414.35	3.0932	P	1.6
7	☐	1000.000	981.736	90747.73	5.8559	P	1.6
8	☐	2000.000	2005.068	174162.39	11.9571	P	5.3
9	☐			777.81	0.0507	P	6.8

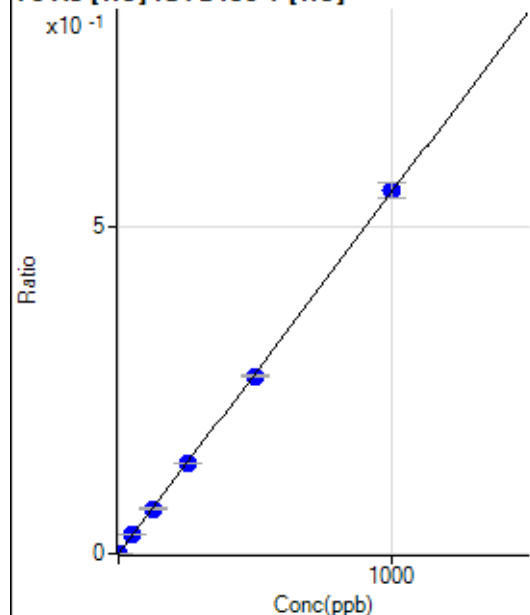
$$y = 0.0060 * x + 0.0027$$

$$R = 0.9999$$

$$DL = 0.559$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	5.1
2	☐	0.100					
3	☐	1.000	0.880	75.31	0.0005	P	12.6
4	☐	50.000	53.074	4196.36	0.0294	P	4.2
5	☐	125.000	124.111	9608.35	0.0686	P	2.0
6	☐	250.000	248.888	18616.32	0.1376	P	0.3
7	☐	500.000	491.796	33626.70	0.2718	P	1.0
8	☐	1000.000	1004.338	65863.91	0.5550	P	4.4
9	☐			25.92	0.0002	P	26.0

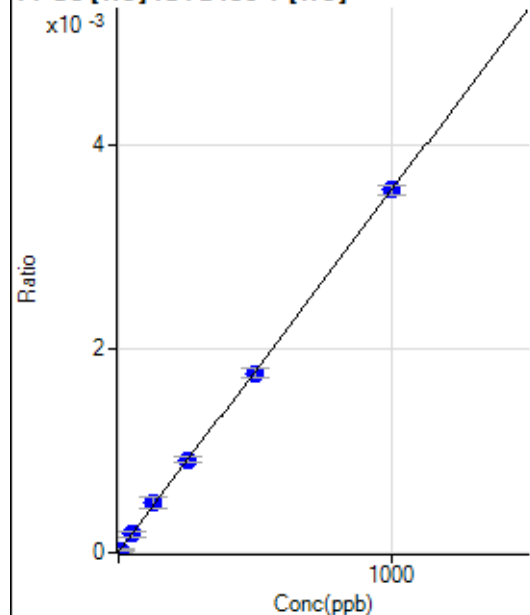
$$y = 5.5260\text{E-}004 * x + 4.0427\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01121$$

Weight: <None>

Min Conc: 0

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

	Rj 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	4.358	3.33	0.0000	P	100.2
4	☐	50.000	50.028	26.67	0.0002	P	30.8
5	☐	125.000	136.423	68.89	0.0005	P	22.5
6	☐	250.000	254.817	123.34	0.0009	P	6.2
7	☐	500.000	493.979	217.78	0.0018	P	5.5
8	☐	1000.000	1000.380	422.24	0.0036	P	2.7
9	☐			0.00	0.0000	P	

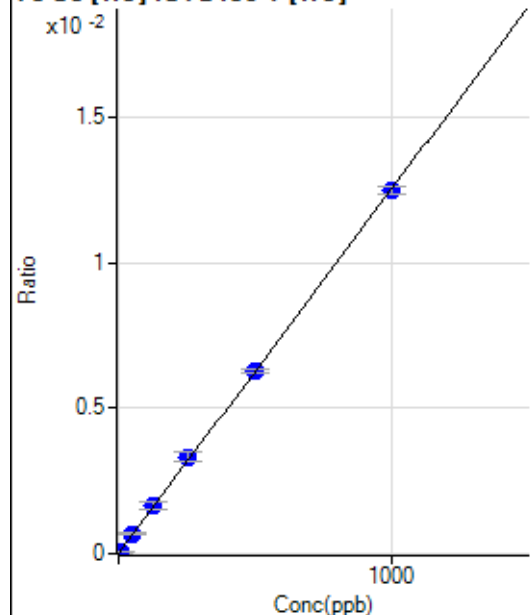
$$y = 3.5472\text{E-}006 * x + 7.8692\text{E-}006$$

$$R = 0.9999$$

$$DL = 11.53$$

Weight: <None>

Min Conc: 0

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

	Rj 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	4.128	8.64	0.0001	P	49.6
4	☐	50.000	52.484	95.06	0.0007	P	11.3
5	☐	125.000	130.205	229.63	0.0016	P	14.1
6	☐	250.000	264.313	449.40	0.0033	P	9.7
7	☐	500.000	500.950	777.81	0.0063	P	3.0
8	☐	1000.000	995.176	1481.58	0.0125	P	2.2
9	☐			1.85	0.0000	P	100.0

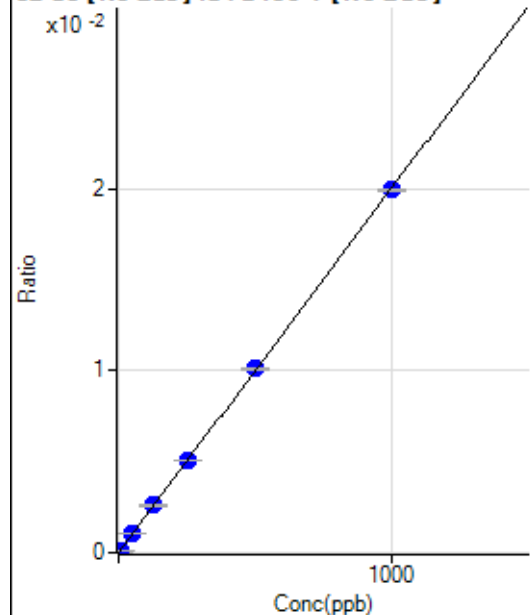
$$y = 1.2529\text{E-}005 * x + 8.7436\text{E-}006$$

$$R = 0.9999$$

$$DL = 3.626$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-24.45	0.0000	P	-238.
2	☐	0.500					
3	☐	5.000	5.151	473.80	0.0001	P	7.7
4	☐	50.000	53.297	5363.28	0.0011	P	2.6
5	☐	125.000	129.490	12773.38	0.0026	P	1.4
6	☐	250.000	253.314	25215.65	0.0051	P	0.7
7	☐	500.000	505.020	48205.79	0.0101	P	1.1
8	☐	1000.000	995.934	94064.44	0.0199	P	0.6
9	☐			61.48	0.0000	P	34.0

$$y = 2.0034\text{E-}005 * x - 5.0626\text{E-}006$$

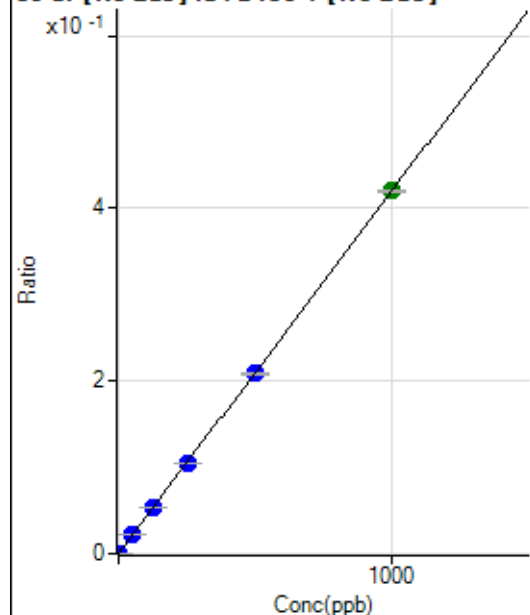
$$R = 1.0000$$

$$DL = 1.806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	480.58	0.0001	P	12.0
2	☐	0.100					
3	☐	1.000	0.979	2458.68	0.0005	P	1.3
4	☐	50.000	50.617	107610.90	0.0213	P	1.2
5	☐	125.000	126.326	261783.23	0.0531	P	1.4
6	☐	250.000	248.017	517674.95	0.1041	P	0.3
7	☐	500.000	497.369	994506.28	0.2086	P	1.1
8	☐	1000.000	1001.614	1980762.91	0.4201	A	0.7
9	☐			67325.01	0.0144	P	1.5

$$y = 4.1927\text{E-}004 * x + 9.9137\text{E-}005$$

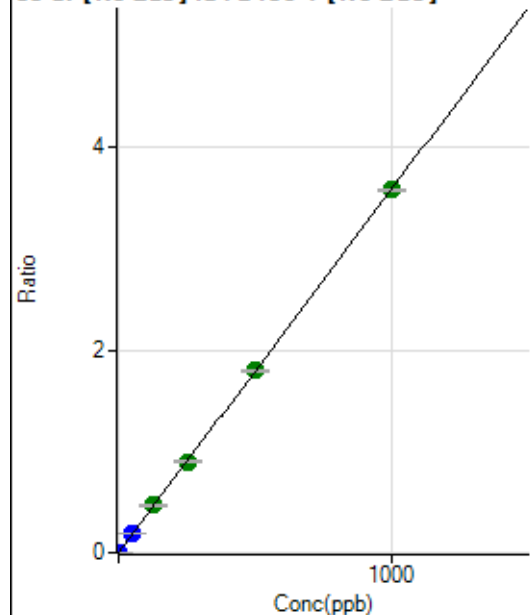
$$R = 1.0000$$

$$DL = 0.08541$$

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	227.79	0.0000	P	7.6
2	☐	0.100					
3	☐	1.000	1.001	17536.93	0.0036	P	3.9
4	☐	50.000	51.042	924321.95	0.1831	P	1.2
5	☐	125.000	129.672	2294918.15	0.4652	A	1.4
6	☐	250.000	251.191	4481602.96	0.9011	A	0.5
7	☐	500.000	501.357	8572981.36	1.7985	A	1.1
8	☐	1000.000	998.388	16887756.80	3.5814	A	0.9
9	☐			587444.04	0.1253	P	1.1

$$y = 0.0036 * x + 4.6978\text{E-}005$$

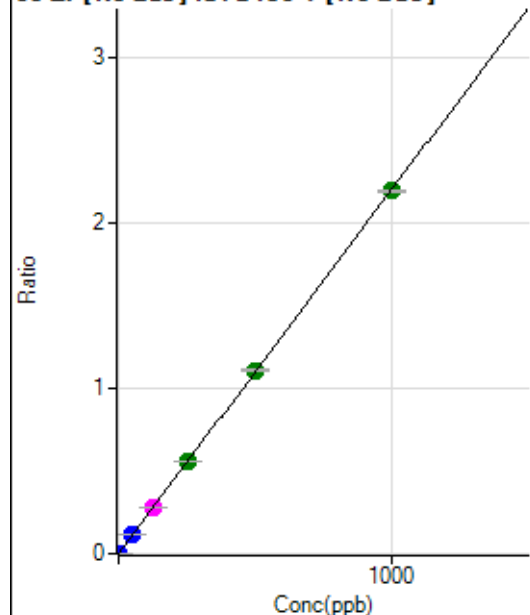
$$R = 1.0000$$

$$DL = 0.002971$$

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	302.80	0.0001	P	25.8
2	☐	0.100					
3	☐	1.000	0.958	10454.44	0.0022	P	2.4
4	☐	50.000	50.819	564534.36	0.1119	P	0.5
5	☐	125.000	127.213	1380745.16	0.2799	M	2.0
6	☐	250.000	254.876	2788773.20	0.5607	A	1.0
7	☐	500.000	502.701	5271585.32	1.1059	A	0.9
8	☐	1000.000	997.113	10343279.05	2.1935	A	0.7
9	☐			3164.39	0.0007	P	1.6

$$y = 0.0022 * x + 6.2477E-005$$

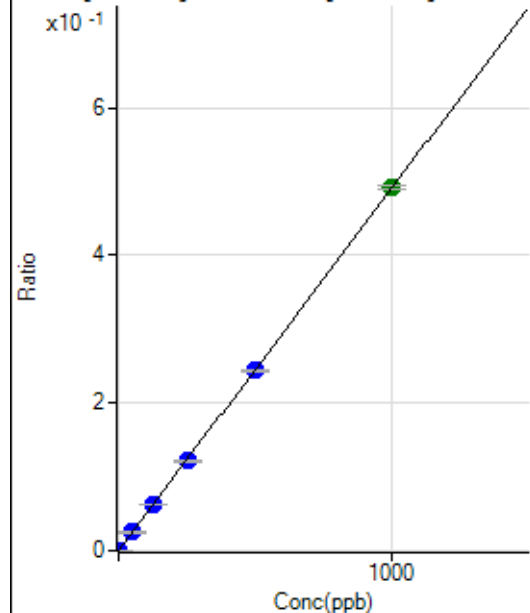
$$R = 1.0000$$

$$DL = 0.02197$$

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	63.89	0.0000	P	7.8
2	☐	0.100					
3	☐	1.000	0.921	2241.97	0.0005	P	2.7
4	☐	50.000	50.496	125044.90	0.0248	P	1.7
5	☐	125.000	126.132	305196.60	0.0619	P	1.9
6	☐	250.000	247.061	602646.99	0.1212	P	0.5
7	☐	500.000	497.491	1163017.41	0.2440	P	0.6
8	☐	1000.000	1001.823	2316796.14	0.4913	A	1.0
9	☐			666.72	0.0001	P	24.4

$$y = 4.9040E-004 * x + 1.3179E-005$$

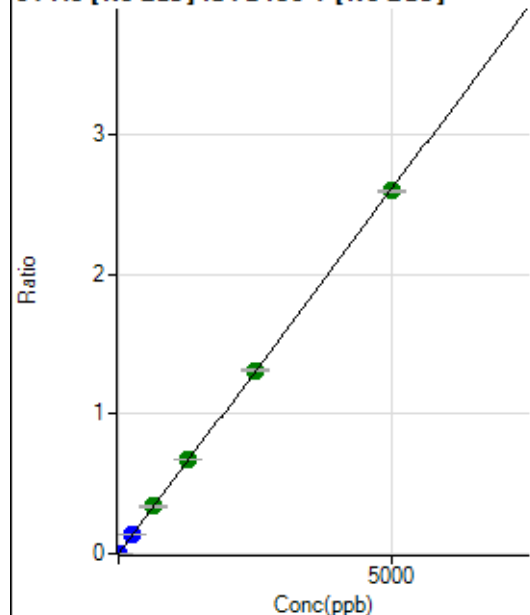
$$R = 1.0000$$

$$DL = 0.00627$$

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	111.12	0.0000	P	26.4
2	☐	0.500					
3	☐	5.000	4.628	11769.50	0.0024	P	1.9
4	☐	250.000	262.606	692614.70	0.1372	P	0.5
5	☐	625.000	648.731	1672116.90	0.3390	A	2.0
6	☐	1250.000	1286.900	3344149.51	0.6724	A	0.8
7	☐	2500.000	2518.525	6272588.47	1.3159	A	1.1
8	☐	5000.000	4977.916	12264544.81	2.6009	A	0.3
9	☐			9222.99	0.0020	P	4.3

$$y = 5.2248\text{E-}004 * x + 2.2918\text{E-}005$$

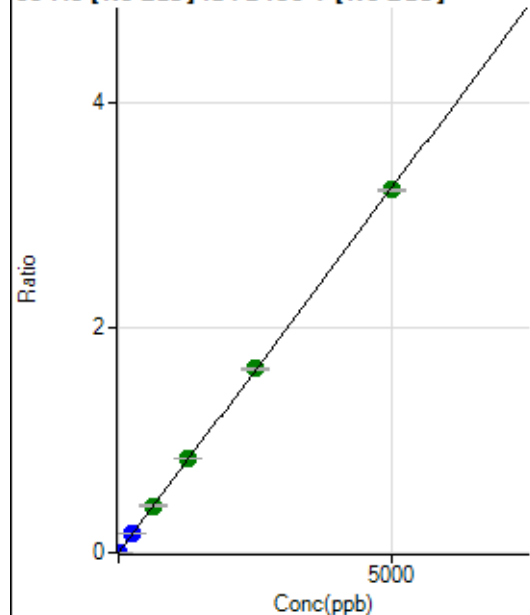
$$R = 1.0000$$

$$DL = 0.03474$$

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	86.11	0.0000	P	39.3
2	☐	0.500					
3	☐	5.000	4.646	14602.91	0.0030	P	4.2
4	☐	250.000	263.365	862135.93	0.1708	P	1.0
5	☐	625.000	642.408	2055343.73	0.4166	A	1.6
6	☐	1250.000	1287.771	4153775.66	0.8352	A	0.3
7	☐	2500.000	2522.476	7798053.90	1.6359	A	0.8
8	☐	5000.000	4976.475	15218917.53	3.2274	A	0.6
9	☐			14252.58	0.0030	P	3.5

$$y = 6.4853\text{E-}004 * x + 1.7771\text{E-}005$$

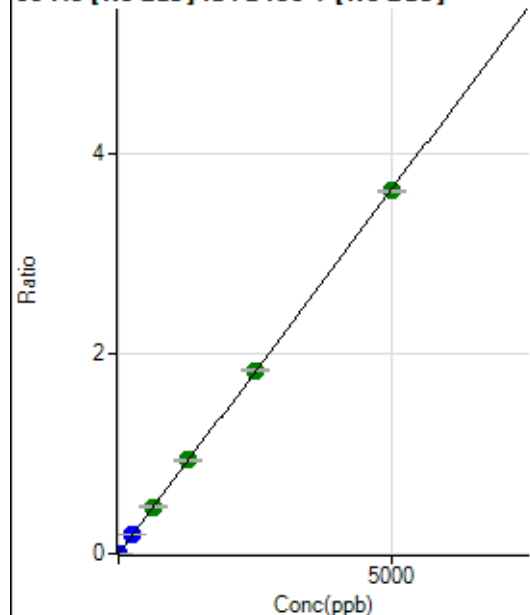
$$R = 1.0000$$

$$DL = 0.0323$$

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	66.67	0.0000	P	21.8
2	☐	0.500					
3	☐	5.000	4.709	16599.64	0.0034	P	4.1
4	☐	250.000	262.211	964430.87	0.1911	P	0.6
5	☐	625.000	641.163	2304724.71	0.4672	A	2.3
6	☐	1250.000	1287.236	4665228.62	0.9380	A	1.2
7	☐	2500.000	2511.603	8724258.96	1.8302	A	1.0
8	☐	5000.000	4982.259	17120132.15	3.6306	A	0.3
9	☐			17147.64	0.0037	P	1.8

$$y = 7.2870\text{E-}004 * x + 1.3753\text{E-}005$$

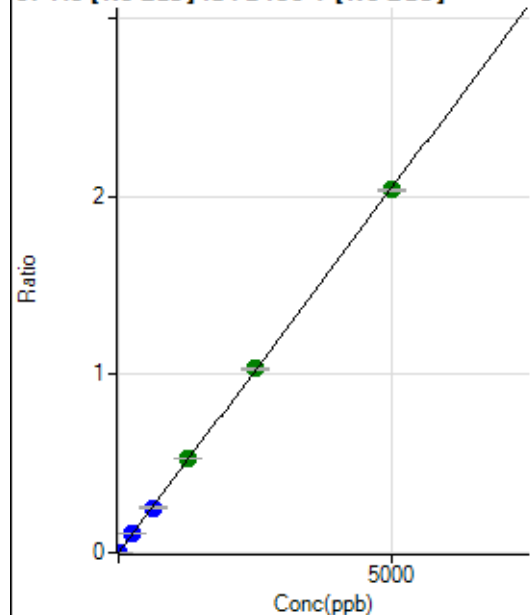
$$R = 1.0000$$

$$DL = 0.01234$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	27.3
2	☐	0.500					
3	☐	5.000	4.479	8917.23	0.0018	P	2.8
4	☐	250.000	258.876	535497.88	0.1061	P	0.4
5	☐	625.000	618.758	1250869.76	0.2536	P	2.0
6	☐	1250.000	1298.173	2645881.98	0.5320	A	0.5
7	☐	2500.000	2523.646	4929732.83	1.0342	A	1.2
8	☐	5000.000	4976.471	9616605.86	2.0393	A	0.3
9	☐			8466.89	0.0018	P	2.0

$$y = 4.0979\text{E-}004 * x + 1.3182\text{E-}005$$

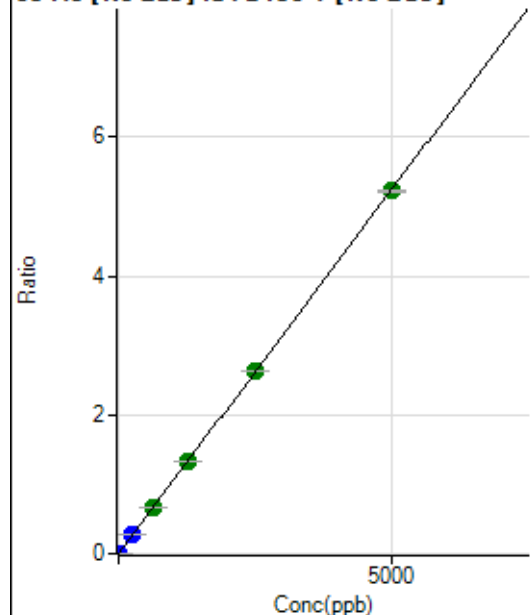
$$R = 0.9999$$

$$DL = 0.02637$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	13.0
2	☐	0.500					
3	☐	5.000	4.523	22897.85	0.0048	P	4.4
4	☐	250.000	262.225	1386546.04	0.2747	P	1.1
5	☐	625.000	637.299	3293670.58	0.6677	A	1.5
6	☐	1250.000	1275.268	6644579.79	1.3360	A	0.6
7	☐	2500.000	2512.241	12545578.14	2.6319	A	0.8
8	☐	5000.000	4985.414	24628270.52	5.2228	A	0.5
9	☐			22616.97	0.0048	P	2.8

$$y = 0.0010 * x + 1.4893E-005$$

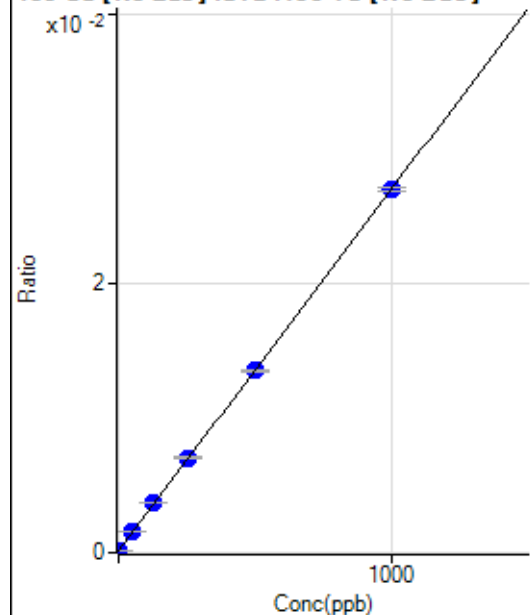
$$R = 1.0000$$

$$DL = 0.005564$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	808.39	0.0001	P	16.7
2	☐	0.100					
3	☐	1.000	2.352	1144.56	0.0002	P	2.7
4	☐	50.000	54.529	9609.43	0.0016	P	3.5
5	☐	125.000	134.263	22224.64	0.0037	P	2.0
6	☐	250.000	255.777	42777.02	0.0070	P	2.0
7	☐	500.000	498.344	83123.08	0.0135	P	0.6
8	☐	1000.000	997.998	167207.42	0.0269	P	1.0
9	☐			927.85	0.0002	P	3.7

$$y = 2.6831E-005 * x + 1.3815E-004$$

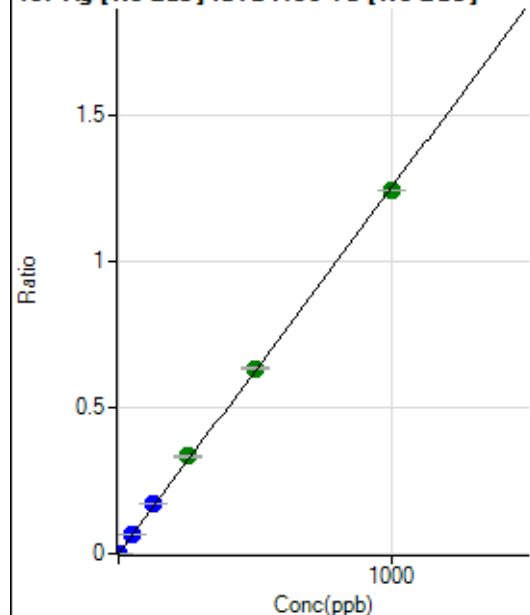
$$R = 1.0000$$

$$DL = 2.582$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	75.3
2	☐	0.100					
3	☐	1.000	1.028	7355.10	0.0013	P	5.5
4	☐	50.000	54.916	413506.25	0.0689	P	0.8
5	☐	125.000	136.767	1019519.28	0.1716	P	2.3
6	☐	250.000	265.926	2038798.53	0.3336	A	0.8
7	☐	500.000	505.910	3905589.67	0.6347	A	0.8
8	☐	1000.000	991.347	7726856.34	1.2438	A	0.1
9	☐			711.17	0.0001	P	12.2

$$y = 0.0013 * x + 5.6997E-006$$

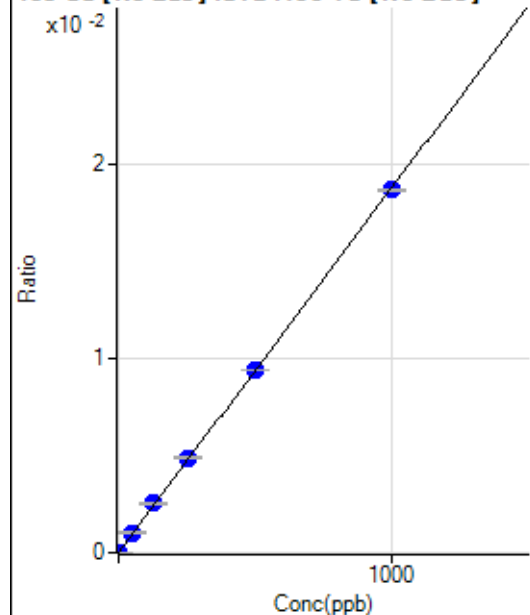
$$R = 0.9998$$

$$DL = 0.01026$$

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	9.72	0.0000	P	65.2
2	☐	0.100					
3	☐	1.000	1.033	119.45	0.0000	P	16.0
4	☐	50.000	54.948	6184.91	0.0010	P	1.9
5	☐	125.000	135.279	15058.67	0.0025	P	3.6
6	☐	250.000	260.292	29794.35	0.0049	P	3.0
7	☐	500.000	500.922	57731.61	0.0094	P	0.9
8	☐	1000.000	995.434	115819.69	0.0186	P	0.5
9	☐			33.33	0.0000	P	49.0

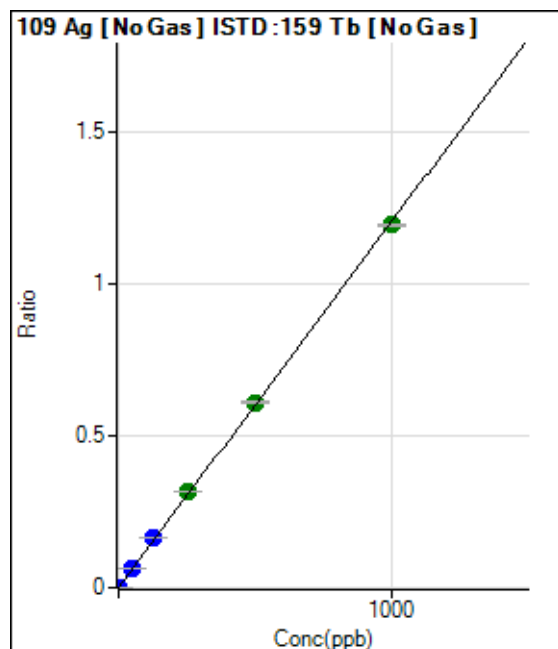
$$y = 1.8727E-005 * x + 1.6586E-006$$

$$R = 0.9999$$

$$DL = 0.1732$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	36.4
2	☐	0.100					
3	☐	1.000	1.041	7171.70	0.0013	P	6.6
4	☐	50.000	54.832	396705.86	0.0661	P	0.7
5	☐	125.000	136.005	974102.39	0.1640	P	2.4
6	☐	250.000	263.916	1944158.90	0.3181	A	0.6
7	☐	500.000	506.677	3758230.12	0.6108	A	0.8
8	☐	1000.000	991.565	7425655.98	1.1953	A	0.5
9	☐			616.71	0.0001	P	11.9

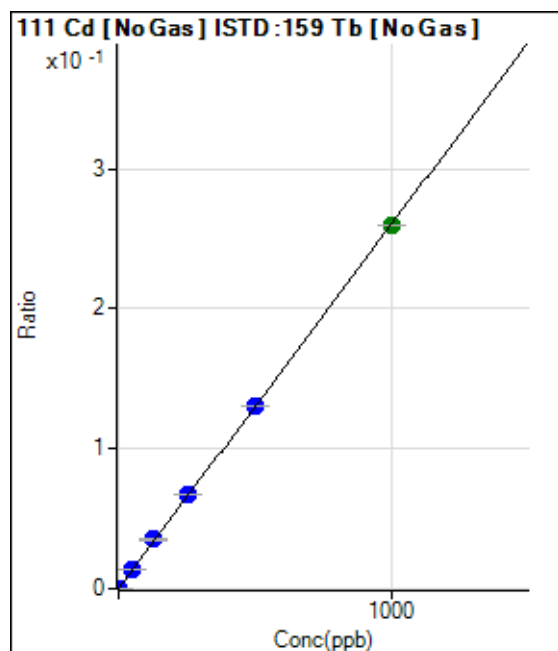
$$y = 0.0012 * x + 8.0607E-006$$

$$R = 0.9998$$

$$DL = 0.007304$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	572.96	0.0001	P	17.4
2	☐	0.100					
3	☐	1.000	1.133	2231.59	0.0004	P	3.3
4	☐	50.000	54.027	85000.05	0.0142	P	0.9
5	☐	125.000	134.615	208815.49	0.0351	P	2.3
6	☐	250.000	258.605	412043.04	0.0674	P	0.4
7	☐	500.000	501.790	804493.18	0.1307	P	0.3
8	☐	1000.000	995.550	1610877.86	0.2593	A	0.1
9	☐			860.89	0.0001	P	5.2

$$y = 2.6036E-004 * x + 9.7914E-005$$

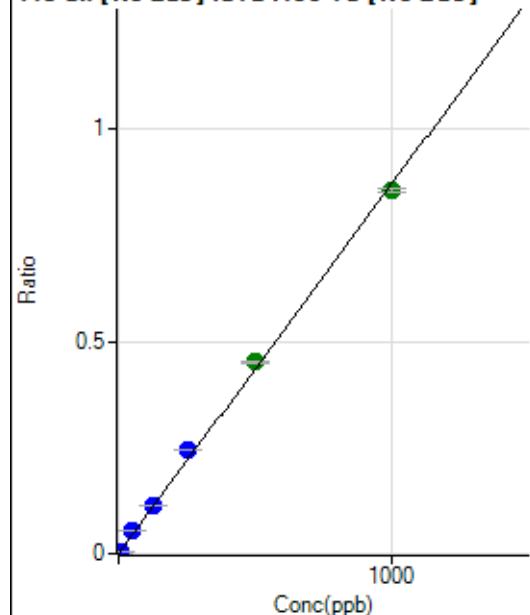
$$R = 0.9999$$

$$DL = 0.1958$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	802.84	0.0001	P	3.3
2	☐	0.500					
3	☐	5.000	4.862	24801.57	0.0044	P	4.5
4	☐	50.000	59.976	314042.52	0.0523	P	0.7
5	☐	125.000	130.577	675950.55	0.1138	P	2.4
6	☐	250.000	280.921	1494756.91	0.2446	P	0.8
7	☐	500.000	517.888	2773968.75	0.4508	A	1.4
8	☐	1000.000	982.130	5310502.85	0.8548	A	1.1
9	☐			7305.08	0.0012	P	3.0

$$y = 8.7025E-004 * x + 1.3714E-004$$

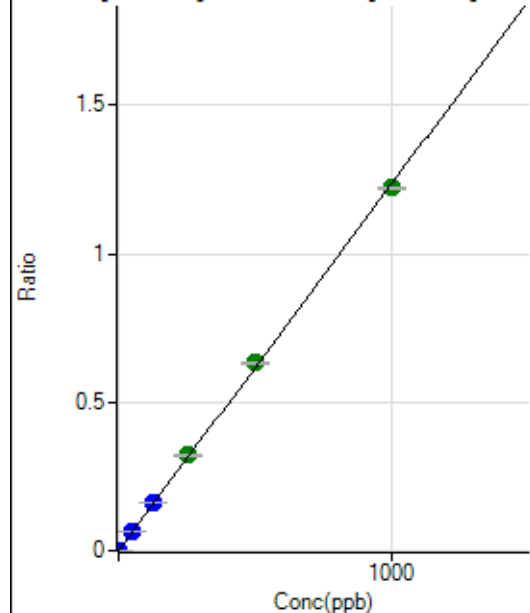
$$R = 0.9992$$

$$DL = 0.01562$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	54.2
2	☐	0.200					
3	☐	2.000	1.942	13668.71	0.0024	P	0.5
4	☐	50.000	52.633	389830.96	0.0650	P	0.3
5	☐	125.000	131.989	967743.31	0.1629	P	2.4
6	☐	250.000	261.165	1969413.85	0.3223	A	1.1
7	☐	500.000	512.653	3892696.74	0.6326	A	0.6
8	☐	1000.000	989.877	7588759.72	1.2215	A	0.3
9	☐			9514.90	0.0016	P	6.4

$$y = 0.0012 * x + 8.0770E-006$$

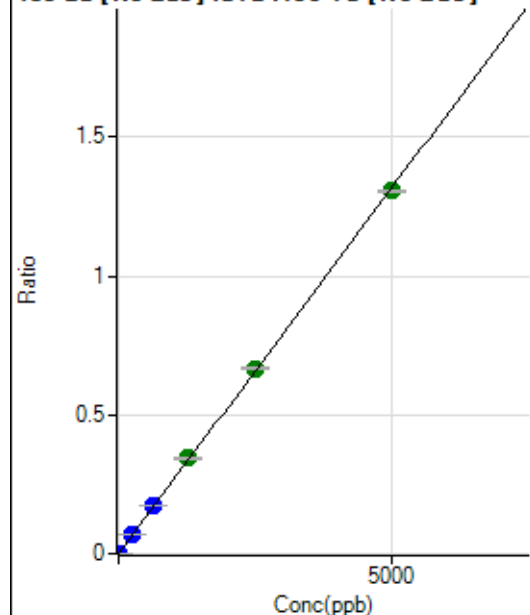
$$R = 0.9998$$

$$DL = 0.01065$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.1
2	☐	1.000					
3	☐	10.000	9.645	14441.88	0.0025	P	4.7
4	☐	250.000	263.237	415874.10	0.0693	P	0.8
5	☐	625.000	662.196	1035813.34	0.1743	P	1.6
6	☐	1250.000	1302.580	2095356.78	0.3429	A	0.9
7	☐	2500.000	2534.268	4104926.74	0.6671	A	1.0
8	☐	5000.000	4964.410	8118697.75	1.3068	A	0.2
9	☐			2461.46	0.0004	P	5.7

$$y = 2.6324\text{E-}004 * x + 4.7491\text{E-}006$$

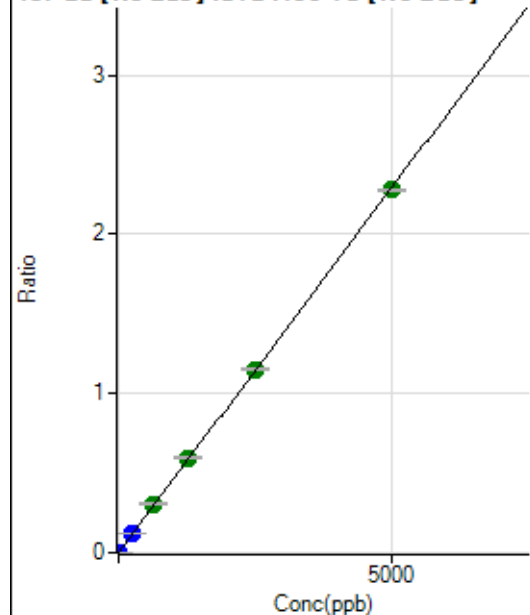
$$R = 0.9999$$

$$DL = 0.02496$$

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	41.67	0.0000	P	0.3
2	☐	1.000					
3	☐	10.000	9.561	24918.79	0.0044	P	1.0
4	☐	250.000	265.573	729759.42	0.1216	P	0.6
5	☐	625.000	668.357	1818190.23	0.3060	A	2.4
6	☐	1250.000	1296.475	3627303.03	0.5936	A	1.7
7	☐	2500.000	2514.741	7084781.06	1.1514	A	1.2
8	☐	5000.000	4974.813	14150701.19	2.2778	A	0.5
9	☐			4284.20	0.0007	P	5.2

$$y = 4.5787\text{E-}004 * x + 7.1185\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0001609$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			8.89		P	114.5
4	☐			40.00		P	44.1
5	☐			55.56		P	38.6
6	☐			95.56		P	14.5
7	☐			166.67		P	22.3
8	☐			337.80		P	3.0
9	☐			104.45		P	26.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			3.33		P	100.1
7	☐			6.67		P	0.0
8	☐			5.56		P	91.6
9	☐			8.89		P	86.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			5.56		P	173.2
4	☐			13.89		P	34.7
5	☐			19.45		P	24.7
6	☐			41.67		P	52.9
7	☐			19.45		P	24.7
8	☐			91.67		P	32.8
9	☐			100.00		P	38.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			2.22		P	173.2
5	☐			3.33		P	100.1
6	☐			2.22		P	86.6
7	☐			5.55		P	124.9
8	☐			3.33		P	100.1
9	☐			11.11		P	34.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			19.44		P	89.2
4	☐			47.22		P	44.4
5	☐			16.67		P	NaN
6	☐			30.56		P	56.8
7	☐			33.34		P	43.3
8	☐			50.00		P	33.3
9	☐			69.45		P	13.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	75.5
2	☐						
3	☐			5.55		P	69.3
4	☐			3.33		P	100.1
5	☐			4.44		P	43.4
6	☐			6.67		P	0.0
7	☐			6.67		P	132.3
8	☐			6.67		P	50.0
9	☐			16.67		P	40.0

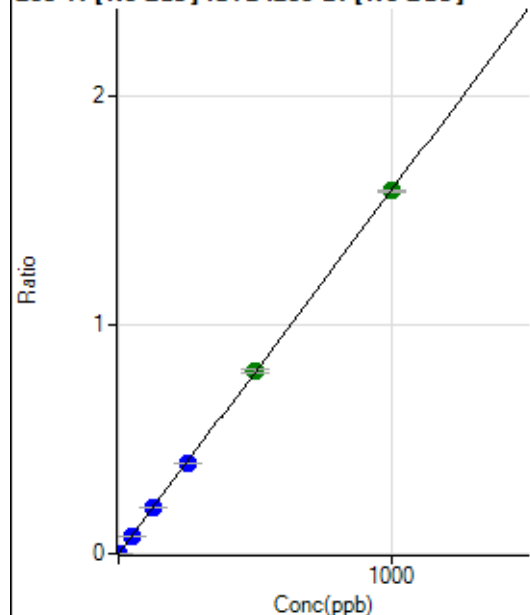
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			36.11		P	13.3
4	☐			25.00		P	33.3
5	☐			30.56		P	15.7
6	☐			25.00		P	33.3
7	☐			27.78		P	34.6
8	☐			44.45		P	47.2
9	☐			61.12		P	34.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			6.67		P	50.0
4	☐			0.00		P	
5	☐			6.67		P	50.0
6	☐			4.44		P	43.4
7	☐			5.55		P	124.9
8	☐			5.55		P	124.9
9	☐			3.33		P	100.1

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	6.1
2	☐	0.100					
3	☐	1.000	0.918	5559.83	0.0015	P	0.6
4	☐	50.000	49.631	308677.34	0.0788	P	1.1
5	☐	125.000	126.069	774612.54	0.2001	P	2.3
6	☐	250.000	249.061	1582092.69	0.3953	P	1.0
7	☐	500.000	503.980	3240860.71	0.7999	A	1.8
8	☐	1000.000	998.130	6501711.04	1.5841	A	0.7
9	☐			3200.57	0.0008	P	3.1

$$y = 0.0016 * x + 3.7444E-005$$

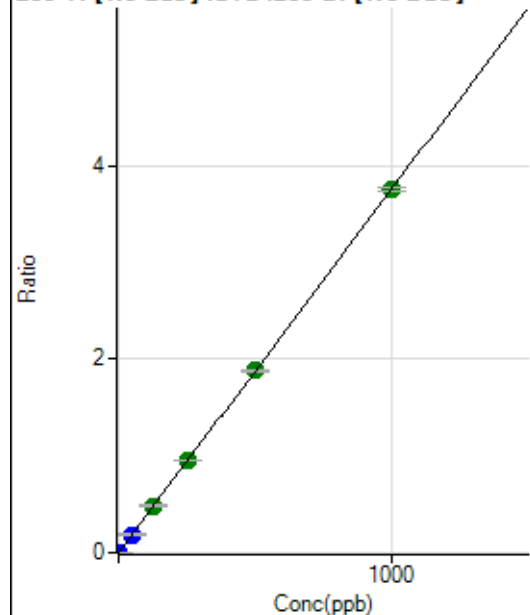
$$R = 1.0000$$

$$DL = 0.004332$$

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	238.90	0.0001	P	17.5
2	☐	0.100					
3	☐	1.000	0.937	13313.16	0.0036	P	1.9
4	☐	50.000	50.095	736976.99	0.1881	P	1.3
5	☐	125.000	128.965	1874604.86	0.4843	A	2.3
6	☐	250.000	253.070	3803068.62	0.9502	A	0.7
7	☐	500.000	500.734	7618120.83	1.8801	A	1.1
8	☐	1000.000	998.365	15384786.28	3.7484	A	1.2
9	☐			8094.63	0.0021	P	2.4

$$y = 0.0038 * x + 6.3164E-005$$

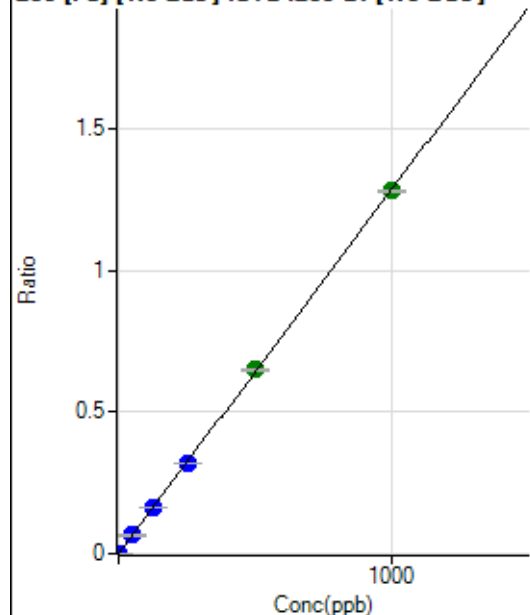
$$R = 1.0000$$

$$DL = 0.008852$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.13	0.0001	P	1.6
2	☐	0.100					
3	☐	1.000	1.061	5369.81	0.0014	P	8.2
4	☐	50.000	50.327	253767.21	0.0648	P	1.2
5	☐	125.000	126.894	631835.45	0.1632	P	2.3
6	☐	250.000	249.173	1282478.92	0.3204	P	0.6
7	☐	500.000	505.967	2636188.92	0.6506	A	0.9
8	☐	1000.000	996.970	5261231.08	1.2818	A	0.8
9	☐			10912.41	0.0029	P	3.8

$$y = 0.0013 * x + 8.2221E-005$$

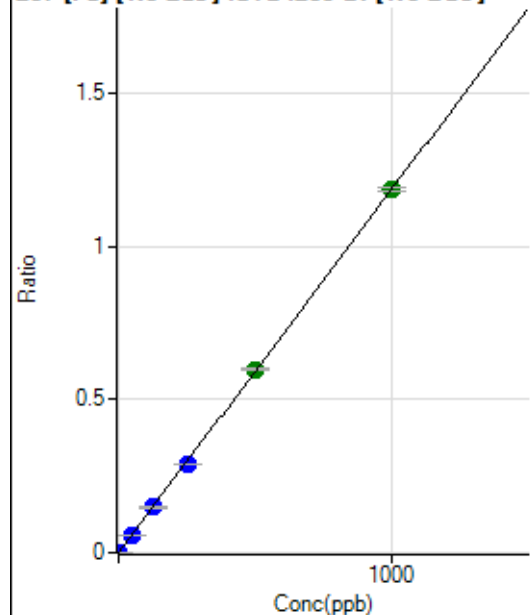
$$R = 1.0000$$

$$DL = 0.003039$$

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	222.23	0.0001	P	21.3
2	☐	0.100					
3	☐	1.000	1.068	4932.61	0.0013	P	3.0
4	☐	50.000	49.590	230819.48	0.0589	P	0.6
5	☐	125.000	124.642	572938.95	0.1480	P	2.6
6	☐	250.000	244.029	1159623.03	0.2897	P	0.6
7	☐	500.000	504.246	2425576.44	0.5986	A	1.4
8	☐	1000.000	999.435	4869637.96	1.1865	A	1.1
9	☐			9564.99	0.0025	P	3.1

$$y = 0.0012 * x + 5.8695E-005$$

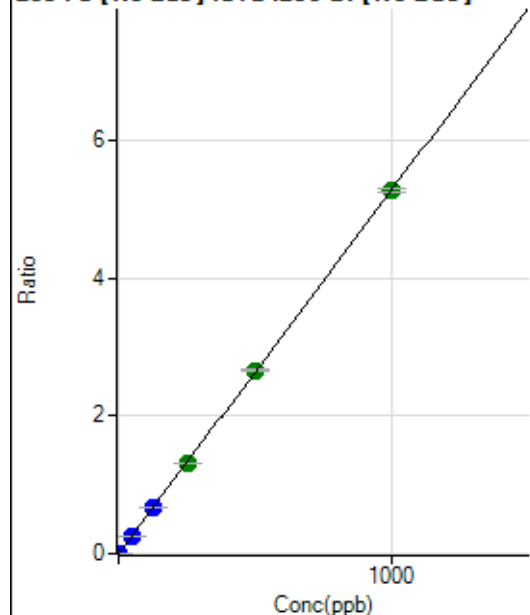
$$R = 1.0000$$

$$DL = 0.03165$$

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	1185.25	0.0003	P	3.5
2	☐	0.100					
3	☐	1.000	1.072	22226.88	0.0060	P	2.2
4	☐	50.000	49.934	1034783.36	0.2642	P	0.7
5	☐	125.000	126.161	2581588.79	0.6670	P	2.6
6	☐	250.000	249.690	5281792.81	1.3197	A	0.8
7	☐	500.000	503.888	10789769.71	2.6629	A	1.2
8	☐	1000.000	997.991	21645606.45	5.2738	A	0.9
9	☐			43667.61	0.0114	P	2.0

$$y = 0.0053 * x + 3.1320E-004$$

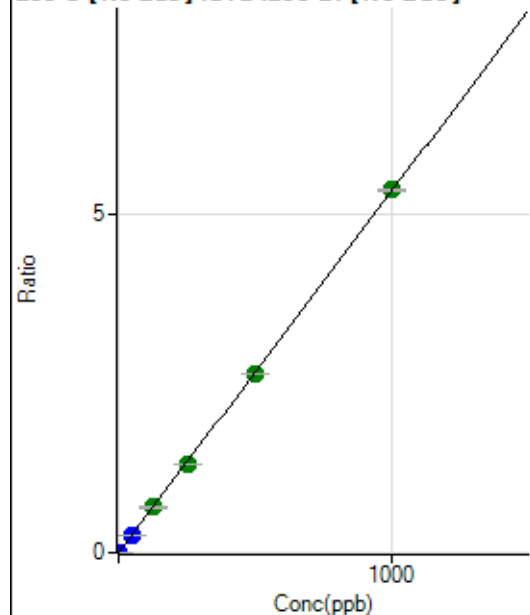
$$R = 1.0000$$

$$DL = 0.006306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.3
2	☐	0.100					
3	☐	1.000	0.891	17682.76	0.0048	P	4.3
4	☐	50.000	47.946	1001762.23	0.2557	P	0.2
5	☐	125.000	125.195	2584737.99	0.6677	A	3.0
6	☐	250.000	244.928	5228415.83	1.3063	A	0.6
7	☐	500.000	494.690	10691136.96	2.6385	A	0.8
8	☐	1000.000	1004.002	21978715.25	5.3549	A	0.8
9	☐			1736.32	0.0005	P	10.4

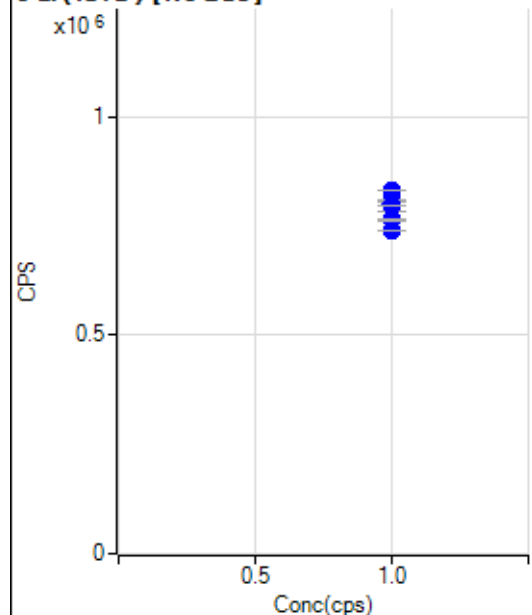
$$y = 0.0053 * x + 5.1359E-006$$

$$R = 1.0000$$

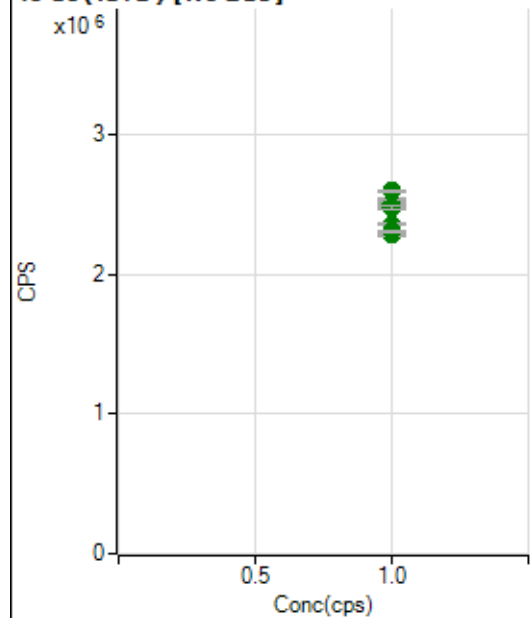
$$DL = 0.0007016$$

Weight: <None>

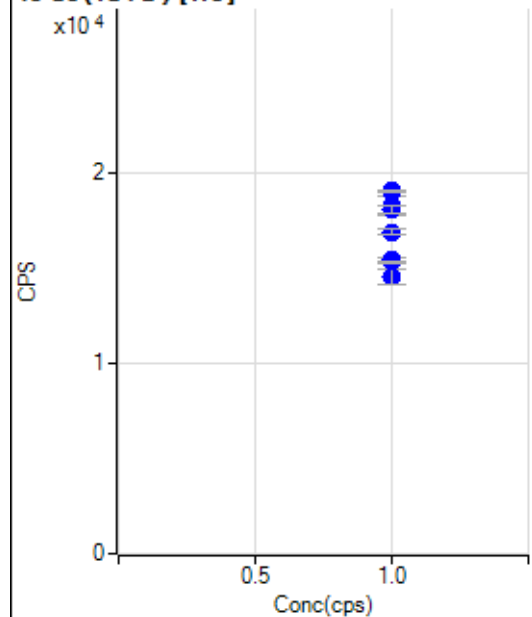
Min Conc: 0

6 Li (ISTD) [No Gas]

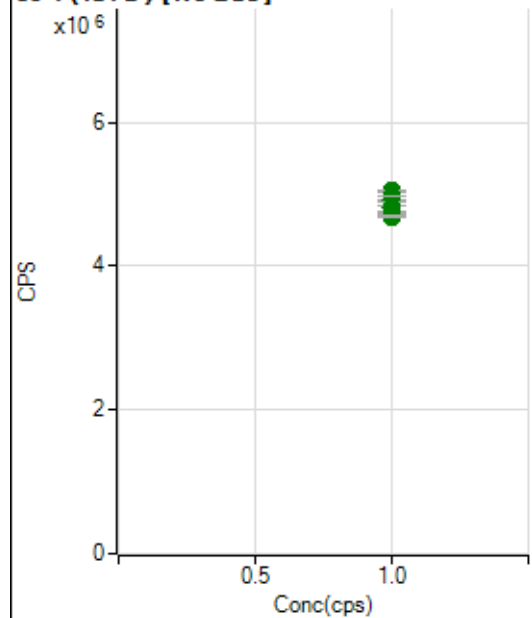
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		808042.34		P	0.5
2	☐	1.000					
3	☐	1.000		794347.26		P	2.9
4	☐	1.000		830237.70		P	0.1
5	☐	1.000		801743.11		P	1.6
6	☐	1.000		796591.86		P	0.3
7	☐	1.000		763830.98		P	0.7
8	☐	1.000		738942.70		P	0.5
9	☐	1.000		740020.79		P	0.3

45 Sc (ISTD) [No Gas]

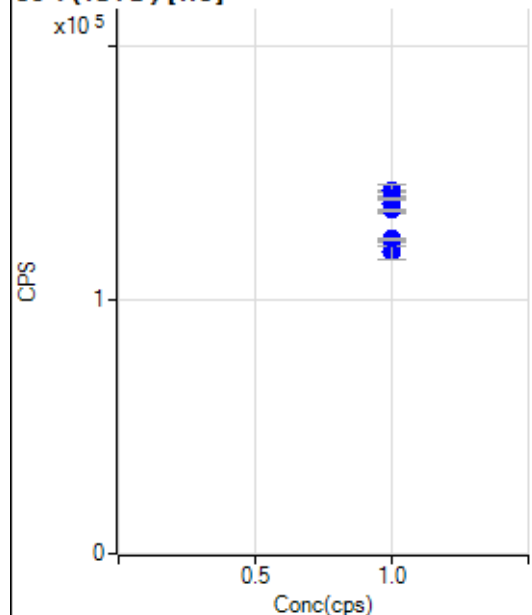
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2519500.86		A	0.7
2	☐	1.000					
3	☐	1.000		2509363.23		A	3.3
4	☐	1.000		2601811.17		A	0.6
5	☐	1.000		2514059.84		A	2.1
6	☐	1.000		2484610.06		A	0.9
7	☐	1.000		2365030.70		A	0.7
8	☐	1.000		2284755.76		A	0.4
9	☐	1.000		2310030.22		A	0.5

45 Sc (ISTD) [He]

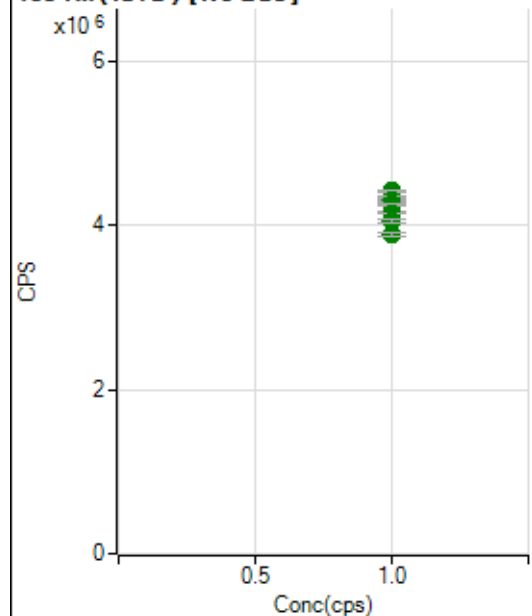
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18304.40		P	5.6
2	☐	1.000					
3	☐	1.000		19052.02		P	0.6
4	☐	1.000		19094.30		P	0.5
5	☐	1.000		18087.38		P	2.5
6	☐	1.000		16948.17		P	1.6
7	☐	1.000		15498.73		P	1.1
8	☐	1.000		14594.47		P	5.6
9	☐	1.000		15332.98		P	0.8

89 Y (ISTD) [No Gas]

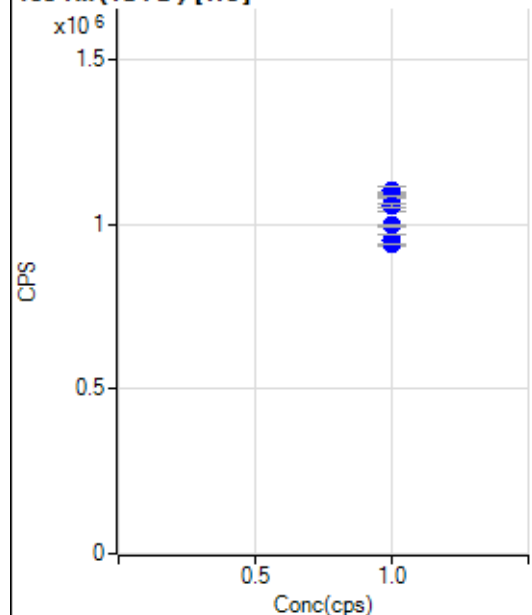
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4848668.65		A	0.3
2	☐	1.000					
3	☐	1.000		4822717.67		A	3.6
4	☐	1.000		5047215.07		A	0.6
5	☐	1.000		4933974.82		A	1.6
6	☐	1.000		4973532.67		A	0.3
7	☐	1.000		4766862.95		A	0.3
8	☐	1.000		4715604.20		A	0.6
9	☐	1.000		4690135.63		A	0.6

89 Y(ISTD) [He]

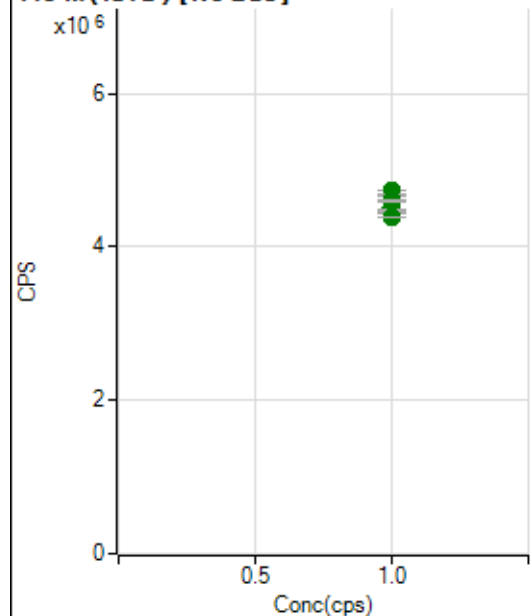
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		137764.86		P	5.0
2	☐	1.000					
3	☐	1.000		142989.12		P	0.2
4	☐	1.000		143004.94		P	3.2
5	☐	1.000		140011.99		P	0.3
6	☐	1.000		135318.89		P	0.9
7	☐	1.000		123725.37		P	1.3
8	☐	1.000		118819.44		P	4.4
9	☐	1.000		124048.20		P	0.8

103 Rh(ISTD) [No Gas]

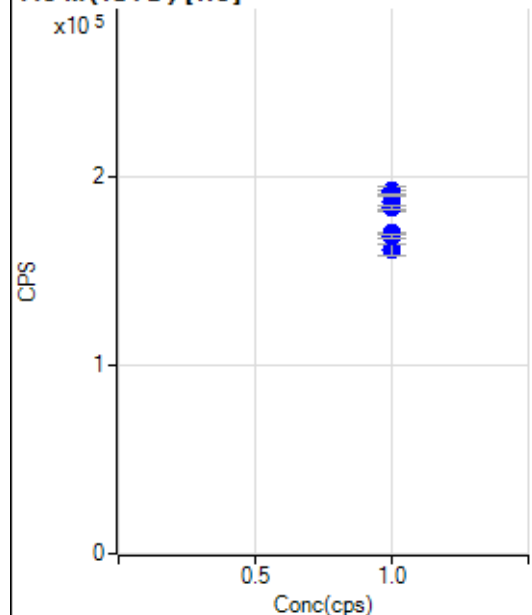
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4315294.36		A	0.4
2	☐	1.000					
3	☐	1.000		4234545.23		A	2.9
4	☐	1.000		4421325.27		A	0.5
5	☐	1.000		4317660.82		A	2.0
6	☐	1.000		4261222.45		A	0.4
7	☐	1.000		4149030.26		A	0.4
8	☐	1.000		4054595.88		A	0.7
9	☐	1.000		3890573.31		A	1.0

103 Rh (ISTD) [He]

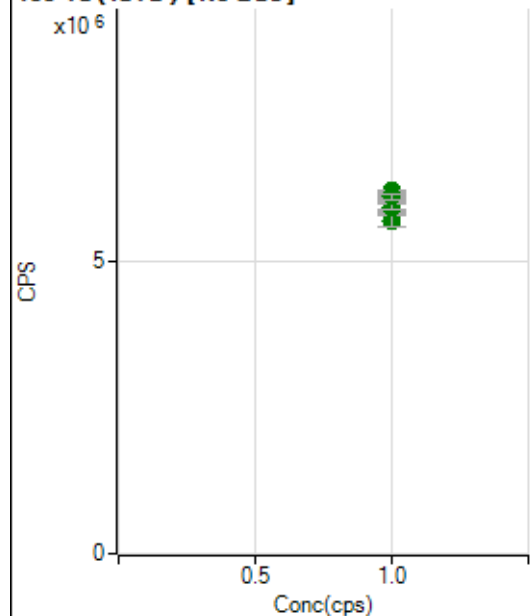
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1062299.05		P	4.9
2	☐	1.000					
3	☐	1.000		1092625.75		P	0.4
4	☐	1.000		1100119.72		P	2.6
5	☐	1.000		1084473.40		P	0.5
6	☐	1.000		1055791.06		P	0.7
7	☐	1.000		994626.08		P	0.9
8	☐	1.000		952455.55		P	3.8
9	☐	1.000		939337.31		P	0.3

115 In (ISTD) [No Gas]

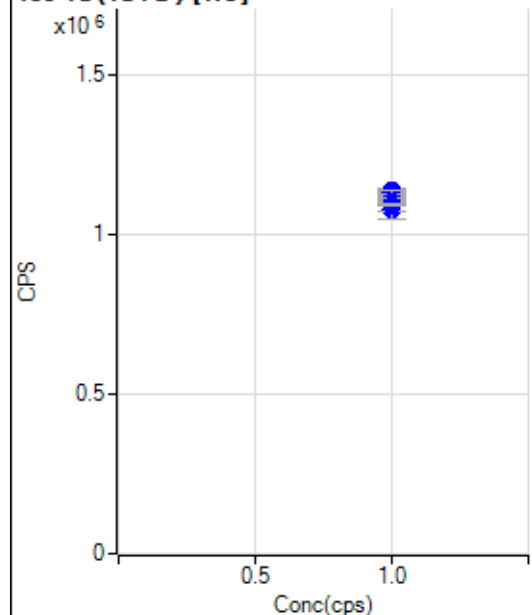
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4606073.74		A	0.2
2	☐	1.000					
3	☐	1.000		4512958.66		A	3.3
4	☐	1.000		4728010.44		A	0.1
5	☐	1.000		4648940.98		A	1.3
6	☐	1.000		4677843.23		A	0.7
7	☐	1.000		4599236.73		A	0.4
8	☐	1.000		4465748.32		A	0.7
9	☐	1.000		4391164.51		A	0.3

115 In (ISTD) [He]

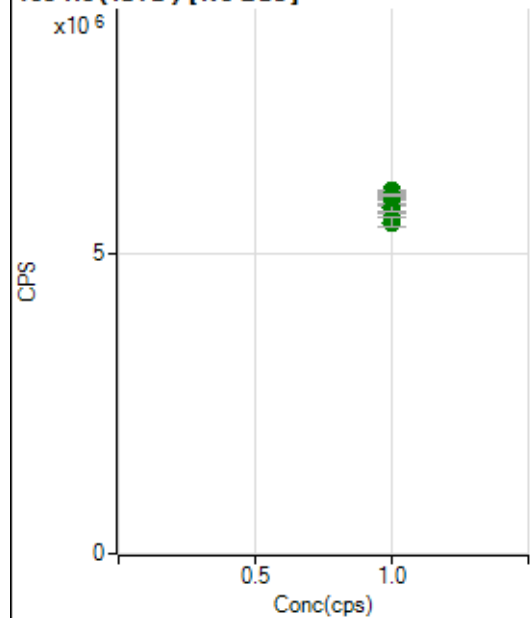
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		186730.13		P	5.1
2	☐	1.000					
3	☐	1.000		192173.69		P	0.8
4	☐	1.000		192767.80		P	2.1
5	☐	1.000		190759.84		P	0.4
6	☐	1.000		183969.65		P	0.8
7	☐	1.000		170210.06		P	0.6
8	☐	1.000		161247.32		P	4.0
9	☐	1.000		168912.04		P	1.1

159 Tb (ISTD) [No Gas]

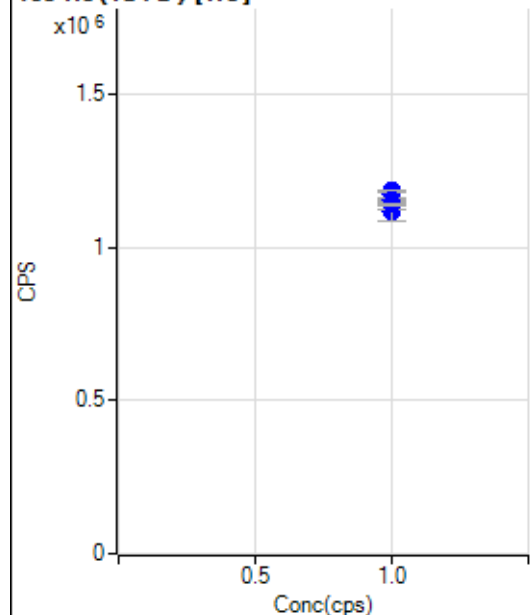
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5853839.01		A	0.3
2	☐	1.000					
3	☐	1.000		5683790.82		A	3.6
4	☐	1.000		6001276.37		A	0.8
5	☐	1.000		5943333.46		A	2.2
6	☐	1.000		6111021.23		A	0.8
7	☐	1.000		6153286.78		A	0.5
8	☐	1.000		6212459.35		A	0.4
9	☐	1.000		6115091.02		A	1.3

159 Tb (ISTD) [He]

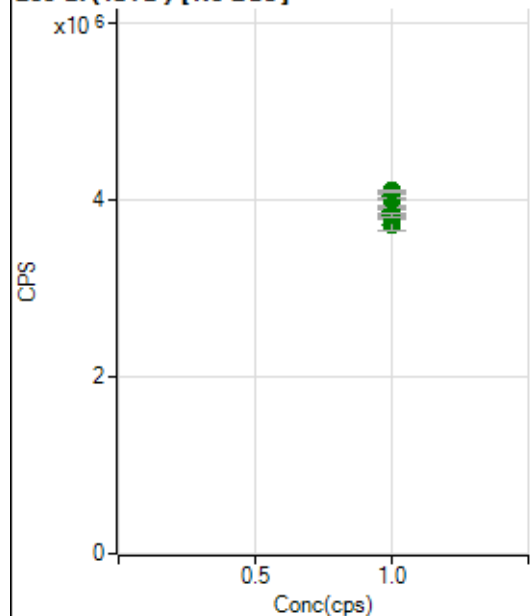
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1077321.53		P	5.3
2	☐	1.000					
3	☐	1.000		1115671.53		P	0.4
4	☐	1.000		1131751.37		P	2.0
5	☐	1.000		1136292.39		P	0.4
6	☐	1.000		1132841.83		P	0.7
7	☐	1.000		1104880.40		P	0.9
8	☐	1.000		1093389.11		P	3.7
9	☐	1.000		1092086.34		P	0.2

165 Ho (ISTD) [No Gas]

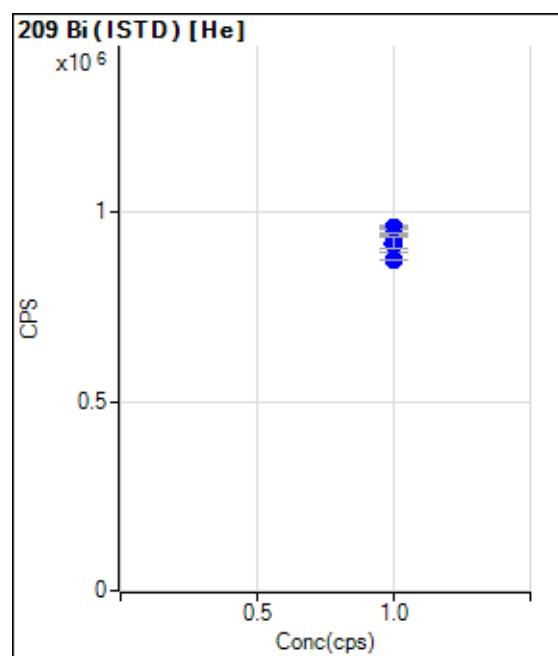
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5666106.46		A	0.4
2	☐	1.000					
3	☐	1.000		5507891.70		A	3.1
4	☐	1.000		5809156.16		A	0.7
5	☐	1.000		5753327.86		A	2.6
6	☐	1.000		5910393.88		A	0.4
7	☐	1.000		5965587.02		A	0.0
8	☐	1.000		6032329.91		A	0.4
9	☐	1.000		5955186.51		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1116358.55		P	4.9
2	☐	1.000					
3	☐	1.000		1154561.50		P	0.3
4	☐	1.000		1175214.66		P	2.0
5	☐	1.000		1185020.00		P	0.5
6	☐	1.000		1181311.52		P	0.5
7	☐	1.000		1156114.64		P	0.8
8	☐	1.000		1142707.23		P	3.3
9	☐	1.000		1140173.19		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3783955.19		A	0.5
2	☐	1.000					
3	☐	1.000		3719951.30		A	3.2
4	☐	1.000		3917298.83		A	0.8
5	☐	1.000		3872369.77		A	2.4
6	☐	1.000		4002398.73		A	0.5
7	☐	1.000		4052165.60		A	0.9
8	☐	1.000		4104543.27		A	0.7
9	☐	1.000		3822075.95		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		913614.60		P	4.7
2	☐	1.000					
3	☐	1.000		938597.41		P	0.6
4	☐	1.000		954662.39		P	2.3
5	☐	1.000		958857.86		P	0.2
6	☐	1.000		954768.34		P	0.3
7	☐	1.000		942350.89		P	0.6
8	☐	1.000		922207.89		P	3.3
9	☐	1.000		874900.54		P	0.3

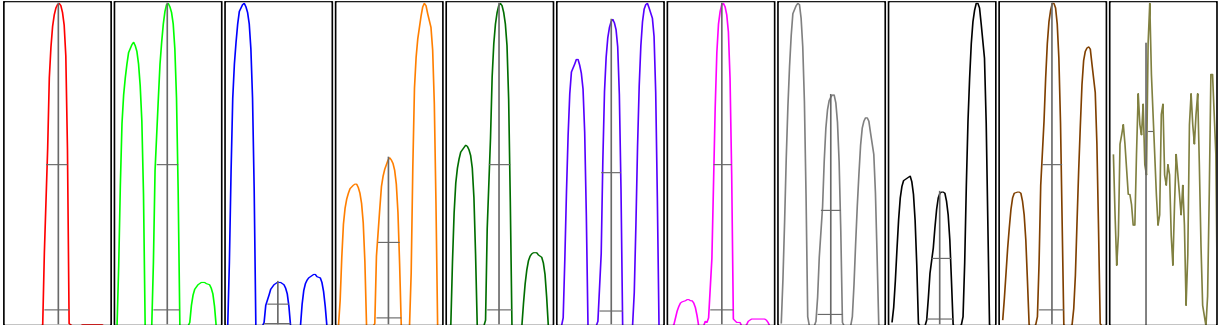
US EPA Tune Check Sample Report

Batch Folder D:\P8022718-MS .bb
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4920	1.73	5.00	
24	55239	1.95	5.00	
25	7511	1.65	5.00	
26	8593	1.87	5.00	
59	57796	1.93	5.00	
113	7852	1.59	5.00	
115	101232	1.49	5.00	
206	23390	1.43	5.00	
207	21176	1.63	5.00	
208	51173	1.77	5.00	
220	1	15.71		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4786	5021	4940	4938	4914
24	53396	56106	55484	55904	55303
25	7305	7638	7536	7562	7511
26	8315	8712	8669	8669	8600
59	55926	58915	57882	58199	58060
113	7640	7953	7865	7935	7870
115	98750	102783	101334	101347	101948
206	22813	23683	23487	23529	23437
207	20573	21431	21239	21353	21281
208	49627	51680	51157	51530	51872
220	1	2	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	8356	9.05	8.9 - 9.1		0.736	0.900	
24	91954	24.00	23.9 - 24.1		0.782	0.900	
25	12437	25.00	24.9 - 25.1		0.761	0.900	
26	14669	26.00	25.9 - 26.1		0.738	0.900	
59	100789	59.00	58.9 - 59.1		0.738	0.900	
113	14870	113.05	112.9 - 113.1		0.686	0.900	
115	193984	115.05	114.9 - 115.1		0.690	0.900	
206	44434	206.00	205.9 - 206.1		0.731	0.900	
207	39976	206.95	206.9 - 207.1		0.741	0.900	
208	96029	208.00	207.9 - 208.1		0.735	0.900	
220	2	219.55	-				

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	9.6	V	Deflect	13.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6766	3.07	
89	1296	3.42	
205	9703	2.54	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6989	6806	6933	6554	6547
89	1351	1308	1321	1248	1253
205	10004	9747	9857	9418	9491

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	9.6	V	Deflect	2.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	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 :	LB93581	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:40:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	-0.80	-2.61	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.04	0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	0.24	-0.33	0.00	N/A	ppb
Boron	11-1	0.03	-0.07	0.04	0.00	N/A	ppb
Cadmium	111-1	-0.05	-0.03	0.07	0.00	N/A	ppb
Cadmium	106-1	-0.65	-0.32	0.97	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Calcium	43-1	8.99	-4.35	-4.63	0.00	N/A	ppb
Calcium	44-1	1.62	-2.09	0.47	0.00	N/A	ppb
Chromium	52-2	0.00	-0.02	0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.21	0.09	-0.29	0.00	N/A	ppb
Iron	57-2	-2.11	0.78	1.33	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.30	1.17	-1.47	0.00	N/A	ppb
Manganese	55-2	-0.02	0.03	-0.01	0.00	N/A	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:40:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	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	0.11	-0.04	-0.08	0.00	N/A	ppb
Phosphorus	31-2	-9.58	19.12	-9.58	-0.01		ppb
Potassium	39-2	11.10	-21.59	10.49	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.22	4.44	-2.22	0.00	N/A	ppb
Selenium	78-2	-0.70	1.40	-0.70	0.00	N/A	ppb
Selenium	82-1	-0.53	0.65	-0.12	0.00	N/A	ppb
Silicon	28-1	1.48	-0.90	-0.58	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	9.39	-12.54	3.15	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	26.54	-93.61	-86.68	-51.25		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	0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-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	0.02	-0.02	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.07	0.14	-0.21	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:40:07	DataFile Name :	003CALB.d

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

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:47:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.31	22.65	4.65	14.20	63.75	ppb
Antimony	121-1	1.93	1.95	1.95	1.94	0.50	ppb
Arsenic	75-2	0.77	0.86	1.01	0.88	13.64	ppb
Barium	135-1	9.21	9.62	10.11	9.64	4.67	ppb
Barium	137-1	9.46	9.65	9.58	9.56	0.98	ppb
Beryllium	9-1	0.97	1.25	1.04	1.09	13.64	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	22.76	20.72	24.15	22.54	7.67	ppb
Boron	11-1	20.80	21.63	23.77	22.07	6.94	ppb
Cadmium	111-1	1.12	1.09	1.19	1.13	4.37	ppb
Cadmium	106-1	2.53	2.39	2.13	2.35	8.66	ppb
Cadmium	108-1	1.20	0.84	1.05	1.03	17.38	ppb
Calcium	43-1	454.01	464.19	469.66	462.62	1.72	ppb
Calcium	44-1	440.97	444.43	465.85	450.42	2.99	ppb
Chromium	52-2	1.90	2.09	2.03	2.01	4.98	ppb
Cobalt	59-2	0.88	0.89	0.94	0.91	3.39	ppb
Copper	63-2	1.72	1.73	1.78	1.75	1.79	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				97		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	45.42	47.90	47.31	46.88	2.76	ppb
Iron	57-2	43.82	42.67	46.92	44.47	4.95	ppb
Lead	206-1	1.01	1.00	1.17	1.06	8.72	ppb
Lead	207-1	1.03	1.10	1.07	1.07	3.16	ppb
Lead	208-1	1.06	1.06	1.10	1.07	2.34	ppb
Lithium	6-1				98		%
Magnesium	24-2	445.35	448.60	460.27	451.41	1.74	ppb
Manganese	55-2	1.17	1.24	1.24	1.22	3.20	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:47:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.68	4.53	4.68	4.63	1.92	ppb
Molybdenum	95-1	4.58	4.50	4.87	4.65	4.20	ppb
Molybdenum	96-1	4.56	4.64	4.93	4.71	4.08	ppb
Molybdenum	97-1	4.61	4.35	4.48	4.48	2.87	ppb
Molybdenum	98-1	4.34	4.49	4.74	4.52	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.84	1.13	0.87	28.75	ppb
Phosphorus	31-2	-9.58	-9.58	19.20	0.01	131564.50	ppb
Potassium	39-2	417.29	483.16	456.36	452.27	7.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	4.33	-2.22	10.96	4.36	151.20	ppb
Selenium	78-2	1.36	5.50	5.52	4.13	58.01	ppb
Selenium	82-1	5.58	4.91	4.96	5.15	7.29	ppb
Silicon	28-1	17.25	17.50	26.63	20.46	26.11	ppb
Silver	109-1	1.06	0.97	1.10	1.04	6.63	ppb
Silver	107-1	1.02	0.98	1.09	1.03	5.55	ppb
Sodium	23-2	447.41	450.24	444.18	447.28	0.68	ppb
Strontium	86-1	0.99	0.96	0.98	0.98	1.56	ppb
Strontium	88-1	0.96	1.01	1.04	1.00	3.94	ppb
Sulfur	34-1	-164.91	-141.91	460.57	51.25	692.04	ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.92	0.91	0.92	0.66	ppb
Thallium	205-1	0.93	0.92	0.96	0.94	1.98	ppb
Tin	118-1	4.65	4.85	5.09	4.86	4.61	ppb
Titanium	47-1	4.53	4.62	4.90	4.68	4.11	ppb
Uranium	238-1	0.85	0.90	0.92	0.89	4.33	ppb
Vanadium	51-2	4.39	4.27	4.47	4.37	2.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	2.38	3.02	2.33	2.57	14.93	ppb
Zirconium	90-1	0.95	0.94	0.98	0.96	2.49	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:47:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.90	0.92	0.92	2.77	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:51:18	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	953.68	972.94	976.76	967.79	1.28	ppb
Antimony	121-1	52.42	52.72	52.76	52.63	0.35	ppb
Arsenic	75-2	55.50	51.08	52.65	53.07	4.22	ppb
Barium	135-1	262.12	265.75	261.84	263.24	0.83	ppb
Barium	137-1	264.13	267.43	265.16	265.57	0.63	ppb
Beryllium	9-1	54.99	55.59	54.82	55.14	0.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	62.35	61.39	59.93	61.23	1.99	ppb
Boron	11-1	59.54	60.28	60.01	59.94	0.63	ppb
Cadmium	111-1	53.61	54.55	53.92	54.03	0.89	ppb
Cadmium	106-1	55.82	55.62	52.15	54.53	3.79	ppb
Cadmium	108-1	53.77	55.43	55.64	54.95	1.86	ppb
Calcium	43-1	4946.42	4945.38	5067.68	4986.49	1.41	ppb
Calcium	44-1	5046.16	5021.41	5126.64	5064.74	1.09	ppb
Chromium	52-2	49.27	49.86	49.00	49.38	0.90	ppb
Cobalt	59-2	49.46	48.36	49.38	49.07	1.25	ppb
Copper	63-2	98.08	97.18	96.79	97.35	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	2519.45	2502.13	2494.75	2505.44	0.51	ppb
Iron	57-2	2442.25	2468.01	2444.41	2451.56	0.58	ppb
Lead	206-1	49.95	51.04	49.98	50.33	1.23	ppb
Lead	207-1	49.40	49.95	49.42	49.59	0.63	ppb
Lead	208-1	49.78	50.33	49.70	49.93	0.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	5104.62	5055.49	5051.24	5070.45	0.59	ppb
Manganese	55-2	105.23	101.61	99.00	101.95	3.07	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:51:18	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	261.99	264.11	261.71	262.61	0.50	ppb
Molybdenum	95-1	261.40	266.43	262.27	263.36	1.02	ppb
Molybdenum	96-1	263.04	263.15	260.44	262.21	0.58	ppb
Molybdenum	97-1	259.34	259.53	257.76	258.88	0.38	ppb
Molybdenum	98-1	262.25	264.98	259.45	262.22	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.80	49.87	50.78	50.15	1.09	ppb
Phosphorus	31-2	1105.14	956.31	1080.17	1047.21	7.61	ppb
Potassium	39-2	2532.96	2529.42	2537.91	2533.43	0.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	31.88	55.72	62.49	50.03	32.14	ppb
Selenium	78-2	59.36	49.93	48.16	52.48	11.48	ppb
Selenium	82-1	53.55	54.51	51.83	53.30	2.55	ppb
Silicon	28-1	69.86	66.82	66.86	67.85	2.57	ppb
Silver	109-1	54.39	55.12	54.99	54.83	0.71	ppb
Silver	107-1	54.86	55.38	54.50	54.92	0.81	ppb
Sodium	23-2	5031.55	4973.80	4942.18	4982.51	0.91	ppb
Strontium	86-1	50.64	51.22	49.99	50.62	1.22	ppb
Strontium	88-1	51.70	50.97	50.46	51.04	1.23	ppb
Sulfur	34-1	1054.89	1005.32	936.83	999.01	5.93	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	49.93	49.98	48.98	49.63	1.13	ppb
Thallium	205-1	50.28	50.66	49.35	50.10	1.35	ppb
Tin	118-1	59.52	60.37	60.03	59.98	0.71	ppb
Titanium	47-1	265.03	255.36	255.70	258.70	2.12	ppb
Uranium	238-1	47.89	47.87	48.08	47.95	0.24	ppb
Vanadium	51-2	49.68	50.14	49.23	49.68	0.91	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	93.93	96.24	99.87	96.68	3.09	ppb
Zirconium	90-1	51.10	50.79	50.56	50.82	0.53	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:51:18	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.98	50.98	49.53	50.50	1.66	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:55:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2372.36	2425.50	2463.49	2420.45	1.89	ppb
Antimony	121-1	135.57	131.02	129.38	131.99	2.43	ppb
Arsenic	75-2	125.67	125.37	121.29	124.11	1.97	ppb
Barium	135-1	674.21	659.42	652.96	662.20	1.65	ppb
Barium	137-1	686.20	663.80	655.07	668.36	2.40	ppb
Beryllium	9-1	141.32	132.88	132.87	135.69	3.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	124.58	120.87	128.15	124.54	2.92	ppb
Boron	11-1	128.21	124.33	127.71	126.75	1.66	ppb
Cadmium	111-1	138.18	133.00	132.67	134.62	2.30	ppb
Cadmium	106-1	137.25	133.90	131.64	134.26	2.10	ppb
Cadmium	108-1	140.89	133.15	131.79	135.28	3.63	ppb
Calcium	43-1	12589.18	12104.77	11987.35	12227.10	2.61	ppb
Calcium	44-1	12660.22	12439.85	12075.22	12391.76	2.38	ppb
Chromium	52-2	121.23	123.06	123.60	122.63	1.01	ppb
Cobalt	59-2	119.30	123.51	125.57	122.79	2.60	ppb
Copper	63-2	239.34	244.79	245.24	243.13	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	6203.19	6387.96	6374.34	6321.83	1.63	ppb
Iron	57-2	5933.32	6089.93	6173.63	6065.63	2.01	ppb
Lead	206-1	130.22	125.21	125.26	126.89	2.27	ppb
Lead	207-1	128.33	122.88	122.72	124.64	2.56	ppb
Lead	208-1	130.00	124.22	124.26	126.16	2.63	ppb
Lithium	6-1				99		%
Magnesium	24-2	12333.76	12668.10	12828.86	12610.24	2.00	ppb
Manganese	55-2	244.95	254.55	253.37	250.95	2.09	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:55:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	663.10	646.14	636.95	648.73	2.05	ppb
Molybdenum	95-1	653.79	634.03	639.41	642.41	1.59	ppb
Molybdenum	96-1	657.76	635.31	630.41	641.16	2.27	ppb
Molybdenum	97-1	632.96	613.57	609.74	618.76	2.01	ppb
Molybdenum	98-1	648.29	632.70	630.91	637.30	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.82	125.20	126.00	123.67	2.72	ppb
Phosphorus	31-2	2724.23	2858.87	2893.62	2825.57	3.17	ppb
Potassium	39-2	6162.65	6311.63	6347.98	6274.09	1.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	171.65	112.18	125.44	136.42	22.89	ppb
Selenium	78-2	128.68	112.55	149.38	130.20	14.18	ppb
Selenium	82-1	131.19	129.68	127.60	129.49	1.39	ppb
Silicon	28-1	168.75	158.57	154.45	160.59	4.59	ppb
Silver	109-1	139.77	134.52	133.73	136.01	2.42	ppb
Silver	107-1	140.33	135.18	134.79	136.77	2.26	ppb
Sodium	23-2	12222.21	12412.23	12742.31	12458.92	2.11	ppb
Strontium	86-1	128.10	126.32	124.56	126.33	1.40	ppb
Strontium	88-1	131.69	129.09	128.24	129.67	1.39	ppb
Sulfur	34-1	3157.21	2701.40	2610.43	2823.01	10.38	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	129.25	123.72	125.24	126.07	2.27	ppb
Thallium	205-1	132.02	126.22	128.66	128.97	2.26	ppb
Tin	118-1	134.12	129.52	128.10	130.58	2.41	ppb
Titanium	47-1	653.47	627.51	627.25	636.08	2.37	ppb
Uranium	238-1	128.82	125.51	121.26	125.19	3.03	ppb
Vanadium	51-2	120.64	122.15	124.48	122.42	1.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	242.06	244.71	254.60	247.12	2.67	ppb
Zirconium	90-1	130.01	126.53	125.11	127.21	1.98	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:55:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	128.82	124.36	125.21	126.13	1.88	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:58:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4942.67	4837.50	5222.93	5001.03	3.98	ppb
Antimony	121-1	264.05	261.25	258.19	261.17	1.12	ppb
Arsenic	75-2	248.05	248.88	249.74	248.89	0.34	ppb
Barium	135-1	1311.50	1306.82	1289.41	1302.58	0.89	ppb
Barium	137-1	1317.89	1298.26	1273.27	1296.48	1.73	ppb
Beryllium	9-1	261.89	264.64	262.41	262.98	0.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	299.76	298.81	307.56	302.04	1.59	ppb
Boron	11-1	294.47	300.49	303.90	299.62	1.59	ppb
Cadmium	111-1	259.23	259.18	257.40	258.60	0.40	ppb
Cadmium	106-1	259.77	257.74	249.82	255.78	2.06	ppb
Cadmium	108-1	268.70	258.62	253.55	260.29	2.96	ppb
Calcium	43-1	24817.15	24115.85	24551.00	24494.66	1.45	ppb
Calcium	44-1	24548.08	24028.91	24632.82	24403.27	1.34	ppb
Chromium	52-2	247.27	250.50	253.14	250.30	1.17	ppb
Cobalt	59-2	247.62	244.63	253.70	248.65	1.86	ppb
Copper	63-2	488.66	488.19	501.31	492.72	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	12535.01	12428.07	12696.81	12553.30	1.08	ppb
Iron	57-2	12341.18	12281.68	12599.93	12407.60	1.36	ppb
Lead	206-1	247.49	249.60	250.43	249.17	0.61	ppb
Lead	207-1	242.98	243.31	245.80	244.03	0.63	ppb
Lead	208-1	247.56	249.99	251.52	249.69	0.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	25383.95	25183.52	25873.57	25480.35	1.39	ppb
Manganese	55-2	506.80	503.77	505.66	505.41	0.30	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:58:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1290.76	1274.80	1295.15	1286.90	0.83	ppb
Molybdenum	95-1	1287.58	1291.32	1284.41	1287.77	0.27	ppb
Molybdenum	96-1	1277.39	1279.68	1304.63	1287.24	1.17	ppb
Molybdenum	97-1	1299.75	1291.56	1303.21	1298.17	0.46	ppb
Molybdenum	98-1	1275.63	1266.89	1283.28	1275.27	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.27	244.73	252.34	249.11	1.58	ppb
Phosphorus	31-2	4990.71	4809.02	5267.22	5022.31	4.59	ppb
Potassium	39-2	12393.09	12268.96	12715.10	12459.05	1.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	253.19	239.75	271.51	254.82	6.26	ppb
Selenium	78-2	249.03	294.00	249.91	264.31	9.73	ppb
Selenium	82-1	254.65	253.83	251.47	253.31	0.65	ppb
Silicon	28-1	294.37	282.31	283.62	286.77	2.31	ppb
Silver	109-1	265.76	263.18	262.81	263.92	0.61	ppb
Silver	107-1	267.45	266.86	263.47	265.93	0.81	ppb
Sodium	23-2	25305.23	25004.66	25679.50	25329.79	1.33	ppb
Strontium	86-1	247.97	247.19	248.89	248.02	0.34	ppb
Strontium	88-1	251.97	249.72	251.88	251.19	0.51	ppb
Sulfur	34-1	5889.60	5526.07	5656.61	5690.76	3.24	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	247.20	248.01	251.98	249.06	1.03	ppb
Thallium	205-1	251.13	254.06	254.02	253.07	0.66	ppb
Tin	118-1	283.13	280.76	278.87	280.92	0.76	ppb
Titanium	47-1	1287.27	1259.73	1274.65	1273.88	1.08	ppb
Uranium	238-1	243.44	245.20	246.15	244.93	0.56	ppb
Vanadium	51-2	247.98	246.09	248.76	247.61	0.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	512.95	514.03	528.09	518.36	1.63	ppb
Zirconium	90-1	257.75	252.58	254.29	254.88	1.03	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:58:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.29	245.65	247.24	247.06	0.54	ppb

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:02:19 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9797.03	10105.56	9485.85	9796.15	3.16	ppb
Antimony	121-1	514.52	508.93	514.50	512.65	0.63	ppb
Arsenic	75-2	486.36	495.13	493.90	491.80	0.97	ppb
Barium	135-1	2551.92	2504.95	2545.93	2534.27	1.01	ppb
Barium	137-1	2521.95	2481.99	2540.28	2514.74	1.19	ppb
Beryllium	9-1	505.94	510.34	508.90	508.39	0.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	494.03	500.97	521.98	505.66	2.88	ppb
Boron	11-1	501.35	510.89	522.36	511.53	2.06	ppb
Cadmium	111-1	502.58	500.16	502.63	501.79	0.28	ppb
Cadmium	106-1	500.58	494.86	499.59	498.34	0.61	ppb
Cadmium	108-1	502.07	496.18	504.51	500.92	0.85	ppb
Calcium	43-1	48465.78	48809.04	48740.77	48671.86	0.37	ppb
Calcium	44-1	48183.60	48483.43	48096.27	48254.44	0.42	ppb
Chromium	52-2	486.05	496.37	488.04	490.15	1.12	ppb
Cobalt	59-2	487.80	495.95	485.11	489.62	1.15	ppb
Copper	63-2	972.50	983.37	968.04	974.64	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	24677.95	24818.57	24247.09	24581.20	1.21	ppb
Iron	57-2	24300.19	24760.34	23858.83	24306.46	1.85	ppb
Lead	206-1	500.58	509.09	508.23	505.97	0.93	ppb
Lead	207-1	497.57	511.71	503.46	504.25	1.41	ppb
Lead	208-1	498.32	510.47	502.88	503.89	1.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	49371.38	50191.25	49000.07	49520.90	1.23	ppb
Manganese	55-2	975.24	985.35	972.00	977.53	0.71	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:02:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2550.29	2502.71	2502.58	2518.52	1.09	ppb
Molybdenum	95-1	2544.82	2505.01	2517.60	2522.48	0.81	ppb
Molybdenum	96-1	2538.15	2505.18	2491.48	2511.60	0.96	ppb
Molybdenum	97-1	2556.84	2501.27	2512.83	2523.65	1.16	ppb
Molybdenum	98-1	2530.32	2492.25	2514.16	2512.24	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.24	492.26	482.55	486.68	1.03	ppb
Phosphorus	31-2	9377.87	9188.41	10073.31	9546.53	4.88	ppb
Potassium	39-2	23634.60	24064.36	23852.05	23850.33	0.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	77-2	506.89	512.33	462.72	493.98	5.51	ppb
Selenium	78-2	516.30	486.12	500.44	500.95	3.01	ppb
Selenium	82-1	510.53	505.39	499.14	505.02	1.13	ppb
Silicon	28-1	528.43	526.96	516.24	523.88	1.27	ppb
Silver	109-1	508.34	501.86	509.84	506.68	0.84	ppb
Silver	107-1	508.67	501.26	507.80	505.91	0.80	ppb
Sodium	23-2	49285.46	50378.90	49037.25	49567.20	1.44	ppb
Strontium	86-1	502.98	492.51	496.62	497.37	1.06	ppb
Strontium	88-1	507.01	500.64	496.42	501.36	1.06	ppb
Sulfur	34-1	11699.06	11494.15	11411.55	11534.92	1.28	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	494.96	512.64	504.34	503.98	1.75	ppb
Thallium	205-1	494.22	504.06	503.92	500.73	1.13	ppb
Tin	118-1	516.01	511.97	525.69	517.89	1.36	ppb
Titanium	47-1	2508.44	2584.40	2500.33	2531.06	1.83	ppb
Uranium	238-1	490.13	498.18	495.77	494.69	0.84	ppb
Vanadium	51-2	484.18	490.90	479.50	484.86	1.18	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	973.68	999.69	971.83	981.74	1.59	ppb
Zirconium	90-1	507.17	502.78	498.15	502.70	0.90	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:02:19	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.83	494.50	497.15	497.49	0.64	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:05:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21094.60	19904.66	19078.99	20026.08	5.06	ppb
Antimony	121-1	993.25	989.26	987.12	989.88	0.31	ppb
Arsenic	75-2	1055.26	975.29	982.46	1004.34	4.41	ppb
Barium	135-1	4965.91	4973.67	4953.65	4964.41	0.20	ppb
Barium	137-1	4953.41	5001.03	4970.00	4974.81	0.49	ppb
Beryllium	9-1	989.42	988.80	994.68	990.97	0.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	957.96	995.05	998.14	983.72	2.27	ppb
Boron	11-1	953.49	988.25	1001.82	981.19	2.54	ppb
Cadmium	111-1	995.47	995.00	996.18	995.55	0.06	ppb
Cadmium	106-1	987.07	1001.00	1005.92	998.00	0.98	ppb
Cadmium	108-1	991.28	1000.60	994.42	995.43	0.48	ppb
Calcium	43-1	98513.36	98776.89	97706.03	98332.09	0.57	ppb
Calcium	44-1	96298.84	96699.22	96496.75	96498.27	0.21	ppb
Chromium	52-2	1062.89	993.15	959.49	1005.18	5.25	ppb
Cobalt	59-2	1068.49	990.29	958.77	1005.85	5.62	ppb
Copper	63-2	2150.27	1992.85	1903.36	2015.49	6.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				86		%
Iron	56-2	54005.45	49576.81	48402.25	50661.50	5.83	ppb
Iron	57-2	53056.56	49341.34	47968.22	50122.04	5.25	ppb
Lead	206-1	990.49	1006.01	994.41	996.97	0.81	ppb
Lead	207-1	992.62	1011.54	994.15	999.44	1.05	ppb
Lead	208-1	991.46	1008.11	994.41	997.99	0.89	ppb
Lithium	6-1				91		%
Magnesium	24-2	108429.05	100669.26	97888.97	102329.09	5.34	ppb
Manganese	55-2	2140.81	1970.14	1918.05	2009.67	5.80	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:05:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4963.56	4993.41	4976.78	4977.92	0.30	ppb
Molybdenum	95-1	4950.78	4967.05	5011.60	4976.48	0.63	ppb
Molybdenum	96-1	4968.75	4995.69	4982.34	4982.26	0.27	ppb
Molybdenum	97-1	4960.11	4989.35	4979.95	4976.47	0.30	ppb
Molybdenum	98-1	4969.55	5014.59	4972.10	4985.41	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1068.29	990.62	962.20	1007.04	5.45	ppb
Phosphorus	31-2	20594.11	20707.09	19233.10	20178.10	4.07	ppb
Potassium	39-2	51662.57	48079.46	46738.40	48826.81	5.21	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				80		%
Selenium	77-2	1031.30	984.35	985.50	1000.38	2.68	ppb
Selenium	78-2	1019.29	975.27	990.97	995.18	2.24	ppb
Selenium	82-1	988.75	998.67	1000.39	995.93	0.63	ppb
Silicon	28-1	976.69	976.56	967.03	973.42	0.57	ppb
Silver	109-1	993.90	995.01	985.78	991.56	0.51	ppb
Silver	107-1	991.34	992.27	990.43	991.35	0.09	ppb
Sodium	23-2	105919.44	98731.75	95719.91	100123.70	5.23	ppb
Strontium	86-1	996.30	999.54	1009.00	1001.61	0.66	ppb
Strontium	88-1	988.71	1005.13	1001.32	998.39	0.86	ppb
Sulfur	34-1	18884.19	19019.77	19154.60	19019.52	0.71	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	993.21	1005.49	995.69	998.13	0.65	ppb
Thallium	205-1	993.64	1011.98	989.48	998.37	1.20	ppb
Tin	118-1	976.49	994.87	975.03	982.13	1.13	ppb
Titanium	47-1	5013.07	4971.81	4945.16	4976.68	0.69	ppb
Uranium	238-1	1001.60	1012.71	997.70	1004.00	0.78	ppb
Vanadium	51-2	1068.28	989.57	967.67	1008.51	5.25	ppb
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	2120.12	1982.70	1912.39	2005.07	5.27	ppb
Zirconium	90-1	989.05	1002.92	999.37	997.11	0.72	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:05:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.85	1011.39	991.23	1001.82	1.01	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:09:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99900.12	98206.02	101946.15	100017.43	1.87	ppb
Antimony	121-1	1.16	1.29	1.32	1.25	6.47	ppb
Arsenic	75-2	0.23	0.42	0.27	0.31	32.26	ppb
Barium	135-1	1.54	1.58	1.41	1.51	5.81	ppb
Barium	137-1	1.50	1.44	1.60	1.52	5.28	ppb
Beryllium	9-1	0.56	0.64	0.54	0.58	8.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	48.01	41.93	38.60	42.85	11.14	ppb
Boron	11-1	46.81	43.28	37.32	42.47	11.28	ppb
Cadmium	111-1	0.16	0.14	0.20	0.16	17.07	ppb
Cadmium	106-1	0.57	0.27	0.68	0.51	41.51	ppb
Cadmium	108-1	0.34	0.20	0.06	0.20	70.51	ppb
Calcium	43-1	495184.53	500489.75	505821.69	500498.66	1.06	ppb
Calcium	44-1	496689.28	501246.96	504784.30	500906.85	0.81	ppb
Chromium	52-2	25.12	24.18	25.54	24.95	2.81	ppb
Cobalt	59-2	1.34	1.23	1.33	1.30	4.91	ppb
Copper	63-2	3.18	3.17	3.07	3.14	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	247389.40	248942.07	253383.72	249905.06	1.24	ppb
Iron	57-2	247829.92	247082.46	255251.60	250054.66	1.81	ppb
Lead	206-1	2.07	2.23	2.18	2.16	3.90	ppb
Lead	207-1	2.02	2.02	2.14	2.06	3.20	ppb
Lead	208-1	2.06	2.11	2.14	2.10	2.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	495642.84	495272.10	507749.05	499554.66	1.42	ppb
Manganese	55-2	7.15	7.70	7.02	7.29	4.94	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:09:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.79	3.53	3.83	3.72	4.35	ppb
Molybdenum	95-1	4.51	4.84	4.62	4.66	3.54	ppb
Molybdenum	96-1	4.95	4.94	5.10	5.00	1.80	ppb
Molybdenum	97-1	4.32	4.47	4.33	4.37	2.01	ppb
Molybdenum	98-1	4.51	4.52	4.74	4.59	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.94	15.98	15.42	15.45	3.38	ppb
Phosphorus	31-2	25.80	-9.58	-9.58	2.21	922.84	ppb
Potassium	39-2	248294.54	248350.04	254407.86	250350.81	1.40	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				84		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	1.69	0.50	-0.70	0.50	240.23	ppb
Selenium	82-1	0.84	0.73	1.16	0.91	24.55	ppb
Silicon	28-1	5.96	7.57	6.58	6.71	12.11	ppb
Silver	109-1	0.07	0.07	0.09	0.08	12.95	ppb
Silver	107-1	0.09	0.08	0.10	0.09	12.78	ppb
Sodium	23-2	497057.01	497172.23	505780.68	500003.31	1.00	ppb
Strontium	86-1	34.37	33.40	34.22	34.00	1.54	ppb
Strontium	88-1	34.56	34.84	35.32	34.91	1.10	ppb
Sulfur	34-1	-880.03	-905.71	-796.43	-860.72		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.50	0.49	0.52	0.50	3.24	ppb
Thallium	205-1	0.56	0.54	0.53	0.55	2.51	ppb
Tin	118-1	1.18	1.26	1.20	1.22	3.37	ppb
Titanium	47-1	1.26	1.17	1.00	1.14	11.40	ppb
Uranium	238-1	0.09	0.08	0.08	0.08	10.47	ppb
Vanadium	51-2	0.32	0.26	0.28	0.29	10.55	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	8.19	8.56	7.42	8.06	7.18	ppb
Zirconium	90-1	0.28	0.28	0.28	0.28	1.78	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:09:17	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.24	0.34	0.26	26.92	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:23:34	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	548.18	490.18	513.98	517.45	5.63	ppb
Antimony	121-1	193.58	192.59	196.48	194.21	1.04	ppb
Arsenic	75-2	193.48	193.92	187.09	191.50	2.00	ppb
Barium	135-1	99.20	98.41	98.87	98.82	0.40	ppb
Barium	137-1	100.16	98.53	100.37	99.68	1.01	ppb
Beryllium	9-1	100.23	97.68	97.22	98.38	1.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	473.86	473.46	484.34	477.22	1.29	ppb
Boron	11-1	471.27	480.88	496.22	482.79	2.61	ppb
Cadmium	111-1	103.03	101.64	103.53	102.73	0.95	ppb
Cadmium	106-1	165.29	158.03	160.64	161.32	2.28	ppb
Cadmium	108-1	132.32	127.51	130.74	130.19	1.88	ppb
Calcium	43-1	2036.71	2009.72	1962.12	2002.85	1.89	ppb
Calcium	44-1	1945.94	1932.76	1918.18	1932.30	0.72	ppb
Chromium	52-2	92.32	94.49	90.78	92.53	2.01	ppb
Cobalt	59-2	94.47	94.79	94.27	94.51	0.27	ppb
Copper	63-2	93.47	93.53	91.72	92.91	1.10	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				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	948.77	954.92	933.05	945.58	1.19	ppb
Iron	57-2	925.08	954.03	899.22	926.11	2.96	ppb
Lead	206-1	195.52	193.38	195.71	194.87	0.67	ppb
Lead	207-1	185.24	182.05	186.22	184.50	1.18	ppb
Lead	208-1	194.87	191.71	194.00	193.53	0.84	ppb
Lithium	6-1				99		%
Magnesium	24-2	1167.60	1149.07	1145.28	1153.98	1.04	ppb
Manganese	55-2	94.15	94.18	91.97	93.44	1.36	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:23:34	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1153.74	1152.19	1146.29	1150.74	0.34	ppb
Molybdenum	95-1	521.53	518.54	526.45	522.17	0.77	ppb
Molybdenum	96-1	599.81	593.71	601.67	598.40	0.70	ppb
Molybdenum	97-1	500.75	502.62	502.66	502.01	0.22	ppb
Molybdenum	98-1	517.97	519.76	517.44	518.39	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.29	95.92	94.72	95.31	0.63	ppb
Phosphorus	31-2	54.48	-9.58	54.74	33.21	111.58	ppb
Potassium	39-2	1916.74	1828.52	1901.54	1882.27	2.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	189.87	140.40	205.41	178.56	19.01	ppb
Selenium	78-2	182.83	229.23	193.01	201.69	12.09	ppb
Selenium	82-1	197.41	196.03	196.08	196.51	0.40	ppb
Silicon	28-1	530.81	515.68	503.57	516.69	2.64	ppb
Silver	109-1	99.80	98.67	99.96	99.48	0.70	ppb
Silver	107-1	100.67	99.21	101.01	100.29	0.95	ppb
Sodium	23-2	1909.79	1921.54	1878.97	1903.43	1.16	ppb
Strontium	86-1	506.01	507.02	501.72	504.92	0.56	ppb
Strontium	88-1	508.28	509.18	503.20	506.89	0.64	ppb
Sulfur	34-1	-731.52	-877.10	-1076.88	-895.16		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	198.22	195.40	198.15	197.26	0.81	ppb
Thallium	205-1	200.69	196.37	202.91	199.99	1.66	ppb
Tin	118-1	532.84	525.07	540.75	532.89	1.47	ppb
Titanium	47-1	521.72	514.67	512.91	516.43	0.90	ppb
Uranium	238-1	505.62	501.76	509.28	505.55	0.74	ppb
Vanadium	51-2	91.87	92.10	91.48	91.82	0.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	189.34	190.60	186.82	188.92	1.02	ppb
Zirconium	90-1	510.15	516.68	509.41	512.08	0.78	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:23:34	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.09	510.52	500.50	505.04	1.01	ppb

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:26:55 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.62	1.70	7.80	3.71	95.59	ppb
Antimony	121-1	0.15	0.16	0.15	0.15	4.45	ppb
Arsenic	75-2	-0.05	0.00	-0.02	-0.02		ppb
Barium	135-1	0.01	0.00	0.05	0.02	128.54	ppb
Barium	137-1	0.02	-0.01	0.00	0.00	350.07	ppb
Beryllium	9-1	0.14	0.21	0.19	0.18	18.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	21.10	21.01	19.46	20.52	4.48	ppb
Boron	11-1	23.48	21.37	20.40	21.75	7.24	ppb
Cadmium	111-1	-0.04	0.00	0.04	0.00	2938.36	ppb
Cadmium	106-1	-0.59	-0.13	0.47	-0.08		ppb
Cadmium	108-1	-0.05	0.02	-0.05	-0.03		ppb
Calcium	43-1	-7.36	-9.82	-10.78	-9.32		ppb
Calcium	44-1	5.58	1.40	-0.49	2.16	143.65	ppb
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	97.07	ppb
Copper	63-2	0.02	0.00	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	1.86	1.59	1.39	1.61	14.58	ppb
Iron	57-2	2.04	-0.84	0.23	0.48	303.19	ppb
Lead	206-1	0.09	0.08	0.07	0.08	13.35	ppb
Lead	207-1	0.11	0.09	0.09	0.09	12.11	ppb
Lead	208-1	0.09	0.07	0.07	0.08	12.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.22	3.10	2.77	2.03	77.52	ppb
Manganese	55-2	-0.04	-0.02	0.09	0.01	813.25	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:26:55	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.08	0.07	13.27	ppb
Molybdenum	95-1	0.02	0.05	0.03	0.04	41.62	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	11.94	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	102.42	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	25.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	-0.07	-0.03		ppb
Phosphorus	31-2	23.97	58.83	23.45	35.42	57.25	ppb
Potassium	39-2	-3.62	17.59	-12.61	0.45	3426.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	1.57	-0.70	0.06	2266.59	ppb
Selenium	82-1	0.49	-0.40	-0.16	-0.02		ppb
Silicon	28-1	-14.94	-16.84	-20.38	-17.39		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.79	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.79	ppb
Sodium	23-2	31.18	42.63	22.42	32.08	31.60	ppb
Strontium	86-1	-0.02	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-644.51	-815.20	-1058.26	-839.32		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.08	0.09	0.09	17.24	ppb
Thallium	205-1	0.10	0.10	0.08	0.10	10.30	ppb
Tin	118-1	0.12	0.13	0.14	0.13	8.80	ppb
Titanium	47-1	-0.02	0.02	0.00	0.00	1013.91	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	37.04	ppb
Vanadium	51-2	0.00	-0.01	0.02	0.00	261.03	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.17	0.29	0.67	0.38	69.53	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	25.06	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:26:55	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.03	0.03	2.06	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:30:19	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88305.80	90028.22	90537.71	89623.91	1.31	ppb
Antimony	121-1	1.10	1.14	1.16	1.13	2.74	ppb
Arsenic	75-2	0.39	0.26	0.24	0.30	27.58	ppb
Barium	135-1	1.55	1.56	1.51	1.54	1.88	ppb
Barium	137-1	1.48	1.33	1.36	1.39	5.68	ppb
Beryllium	9-1	0.50	0.46	0.43	0.46	8.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	12.94	11.72	14.01	12.89	8.89	ppb
Boron	11-1	14.21	13.27	12.53	13.34	6.34	ppb
Cadmium	111-1	0.30	0.29	0.25	0.28	7.76	ppb
Cadmium	106-1	-0.49	-0.39	-0.53	-0.47		ppb
Cadmium	108-1	7.89	7.19	7.51	7.53	4.63	ppb
Calcium	43-1	94637.16	94588.92	95647.46	94957.85	0.63	ppb
Calcium	44-1	92867.47	93669.42	94052.60	93529.83	0.65	ppb
Chromium	52-2	18.55	18.99	19.35	18.96	2.11	ppb
Cobalt	59-2	1.12	1.15	1.15	1.14	1.68	ppb
Copper	63-2	7.19	6.98	7.35	7.17	2.61	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				103		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	95478.53	96826.86	97353.73	96553.04	1.00	ppb
Iron	57-2	93909.73	95485.99	96009.80	95135.18	1.15	ppb
Lead	206-1	5.07	4.78	4.85	4.90	3.05	ppb
Lead	207-1	4.43	4.20	4.25	4.30	2.85	ppb
Lead	208-1	4.58	4.45	4.51	4.51	1.51	ppb
Lithium	6-1				95		%
Magnesium	24-2	97098.27	97286.30	96947.52	97110.70	0.17	ppb
Manganese	55-2	8.02	7.35	7.14	7.50	6.13	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:30:19	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1349.13	1340.95	1334.42	1341.50	0.55	ppb
Molybdenum	95-1	1906.50	1897.44	1886.36	1896.77	0.53	ppb
Molybdenum	96-1	1842.12	1827.71	1838.79	1836.21	0.41	ppb
Molybdenum	97-1	1929.51	1921.52	1917.89	1922.97	0.31	ppb
Molybdenum	98-1	1910.40	1882.84	1889.92	1894.39	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.94	5.55	5.05	9.17	ppb
Phosphorus	31-2	102979.21	101758.96	102488.23	102408.80	0.60	ppb
Potassium	39-2	94051.16	95528.55	95699.51	95093.07	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	1.58	2.73	-0.70	1.20	144.96	ppb
Selenium	82-1	0.71	-0.38	0.10	0.14	377.88	ppb
Silicon	28-1	26.12	25.29	25.68	25.70	1.61	ppb
Silver	109-1	0.06	0.08	0.09	0.08	21.71	ppb
Silver	107-1	0.07	0.07	0.11	0.08	24.57	ppb
Sodium	23-2	94812.32	95686.27	96068.55	95522.38	0.67	ppb
Strontium	86-1	33.23	32.40	31.93	32.52	2.02	ppb
Strontium	88-1	33.53	32.90	33.23	33.22	0.94	ppb
Sulfur	34-1	46959.58	48064.97	47471.13	47498.56	1.16	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.19	0.21	0.20	6.00	ppb
Thallium	205-1	0.17	0.21	0.17	0.19	12.60	ppb
Tin	118-1	0.21	0.18	0.20	0.20	9.30	ppb
Titanium	47-1	1943.57	1961.07	1977.18	1960.61	0.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.17	ppb
Vanadium	51-2	0.17	0.13	0.08	0.12	38.05	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	11.23	10.86	10.35	10.81	4.11	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	11.78	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:30:19	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	25.36	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:33:39	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87388.26	91833.06	89086.88	89436.07	2.51	ppb
Antimony	121-1	21.18	20.93	21.06	21.06	0.58	ppb
Arsenic	75-2	20.64	19.32	19.43	19.80	3.70	ppb
Barium	135-1	21.86	21.57	20.81	21.41	2.55	ppb
Barium	137-1	21.75	21.62	21.38	21.58	0.86	ppb
Beryllium	9-1	21.45	21.53	20.53	21.17	2.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	50.80	53.59	53.28	52.56	2.91	ppb
Boron	11-1	52.77	52.51	52.13	52.47	0.62	ppb
Cadmium	111-1	19.87	19.81	20.14	19.94	0.88	ppb
Cadmium	106-1	21.61	20.00	22.92	21.51	6.80	ppb
Cadmium	108-1	28.04	27.27	27.76	27.69	1.39	ppb
Calcium	43-1	96702.82	95407.93	95498.90	95869.88	0.75	ppb
Calcium	44-1	93754.62	93764.71	93379.82	93633.05	0.23	ppb
Chromium	52-2	37.54	38.96	39.09	38.53	2.23	ppb
Cobalt	59-2	20.47	21.61	20.87	20.98	2.76	ppb
Copper	63-2	26.06	27.34	26.63	26.68	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	94612.69	98814.00	96485.88	96637.52	2.18	ppb
Iron	57-2	93653.91	97660.29	94573.51	95295.90	2.20	ppb
Lead	206-1	25.71	25.43	25.65	25.60	0.57	ppb
Lead	207-1	23.45	22.98	23.19	23.20	1.01	ppb
Lead	208-1	24.31	24.17	24.10	24.19	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	95908.90	99181.59	96067.79	97052.76	1.90	ppb
Manganese	55-2	27.18	28.88	28.45	28.17	3.15	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:33:39	DataFile Name :	017ICSAB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1425.93	1430.95	1434.79	1430.56	0.31	ppb
Molybdenum	95-1	1943.09	1924.85	1942.25	1936.73	0.53	ppb
Molybdenum	96-1	1857.58	1875.38	1874.66	1869.21	0.54	ppb
Molybdenum	97-1	1944.33	1940.14	1959.73	1948.07	0.53	ppb
Molybdenum	98-1	1903.84	1910.30	1925.45	1913.19	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.26	26.34	24.60	25.07	4.45	ppb
Phosphorus	31-2	95605.79	101390.44	97589.53	98195.25	2.99	ppb
Potassium	39-2	93414.46	97439.64	94370.56	95074.88	2.21	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	27.22	41.93	19.99	29.71	37.63	ppb
Selenium	78-2	23.62	20.13	24.91	22.89	10.81	ppb
Selenium	82-1	19.91	20.93	20.33	20.39	2.51	ppb
Silicon	28-1	75.15	75.88	73.22	74.75	1.83	ppb
Silver	109-1	18.87	18.72	18.72	18.77	0.44	ppb
Silver	107-1	18.90	19.05	18.53	18.83	1.40	ppb
Sodium	23-2	93335.50	97432.66	94829.54	95199.23	2.18	ppb
Strontium	86-1	76.10	74.99	75.90	75.66	0.78	ppb
Strontium	88-1	77.07	76.63	76.70	76.80	0.31	ppb
Sulfur	34-1	47101.94	46423.32	47503.57	47009.61	1.16	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	20.76	20.41	20.54	20.57	0.84	ppb
Thallium	205-1	20.79	20.67	20.58	20.68	0.51	ppb
Tin	118-1	42.56	43.08	43.42	43.02	1.00	ppb
Titanium	47-1	2032.39	2013.15	2019.24	2021.59	0.49	ppb
Uranium	238-1	44.23	43.52	43.25	43.67	1.15	ppb
Vanadium	51-2	19.32	19.53	19.24	19.36	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	28.05	30.66	30.90	29.87	5.29	ppb
Zirconium	90-1	43.78	43.84	43.41	43.67	0.54	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:33:39	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	42.65	43.04	43.46	43.05	0.95	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:36:58	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48581.95	47629.13	48378.69	48196.59	1.04	ppb
Antimony	121-1	502.27	502.09	506.64	503.67	0.51	ppb
Arsenic	75-2	486.28	479.52	481.59	482.46	0.72	ppb
Barium	135-1	2523.87	2516.56	2532.22	2524.22	0.31	ppb
Barium	137-1	2487.35	2493.80	2499.57	2493.57	0.25	ppb
Beryllium	9-1	503.35	504.59	503.70	503.88	0.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	480.14	493.24	499.29	490.89	1.99	ppb
Boron	11-1	476.25	490.76	497.18	488.06	2.20	ppb
Cadmium	111-1	486.24	479.41	486.86	484.17	0.85	ppb
Cadmium	106-1	484.26	488.28	504.89	492.48	2.22	ppb
Cadmium	108-1	486.35	484.76	479.94	483.69	0.69	ppb
Calcium	43-1	239535.58	237465.48	239375.62	238792.23	0.48	ppb
Calcium	44-1	237602.45	237063.87	236805.32	237157.21	0.17	ppb
Chromium	52-2	499.07	484.72	493.36	492.39	1.47	ppb
Cobalt	59-2	475.80	465.44	471.61	470.95	1.11	ppb
Copper	63-2	927.95	898.54	916.60	914.36	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	120231.94	116388.29	118719.63	118446.62	1.63	ppb
Iron	57-2	118286.75	115148.68	117054.54	116829.99	1.35	ppb
Lead	206-1	508.94	508.00	509.81	508.92	0.18	ppb
Lead	207-1	509.24	501.13	502.16	504.18	0.88	ppb
Lead	208-1	509.10	503.89	503.68	505.56	0.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	242815.45	236203.02	242082.41	240366.96	1.51	ppb
Manganese	55-2	991.70	945.42	978.60	971.91	2.45	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:36:58	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2538.08	2500.72	2499.41	2512.74	0.87	ppb
Molybdenum	95-1	2534.95	2482.75	2487.64	2501.78	1.15	ppb
Molybdenum	96-1	2508.61	2483.96	2486.14	2492.90	0.55	ppb
Molybdenum	97-1	2526.39	2513.87	2493.83	2511.36	0.65	ppb
Molybdenum	98-1	2507.10	2513.11	2486.45	2502.22	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.92	464.33	476.94	472.40	1.48	ppb
Phosphorus	31-2	10613.86	9493.72	9872.57	9993.38	5.70	ppb
Potassium	39-2	122358.47	119335.60	121501.53	121065.20	1.29	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	480.61	398.32	482.65	453.86	10.60	ppb
Selenium	78-2	471.59	462.50	499.65	477.91	4.05	ppb
Selenium	82-1	495.13	489.16	492.12	492.14	0.61	ppb
Silicon	28-1	517.78	519.26	505.06	514.04	1.52	ppb
Silver	109-1	564.76	558.59	566.74	563.36	0.75	ppb
Silver	107-1	571.91	560.70	571.17	567.93	1.10	ppb
Sodium	23-2	243248.76	235484.34	239482.82	239405.31	1.62	ppb
Strontium	86-1	507.42	500.89	504.79	504.37	0.65	ppb
Strontium	88-1	518.89	513.35	507.92	513.39	1.07	ppb
Sulfur	34-1	6787.51	6255.75	6582.15	6541.80	4.10	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	508.62	512.51	508.77	509.97	0.43	ppb
Thallium	205-1	505.87	500.84	494.87	500.53	1.10	ppb
Tin	118-1	495.65	494.37	495.21	495.08	0.13	ppb
Titanium	47-1	2482.57	2515.41	2500.24	2499.41	0.66	ppb
Uranium	238-1	498.55	507.71	506.36	504.21	0.98	ppb
Vanadium	51-2	488.00	479.15	489.94	485.69	1.18	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	937.82	907.05	931.08	925.32	1.75	ppb
Zirconium	90-1	506.79	504.06	501.80	504.22	0.50	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:36:58	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.82	496.17	495.52	496.51	0.24	ppb

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : CCB070 Instrumnet Name : P8
 Client Sample ID : CCB070 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:40:12 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	7.50	8.01	4.99	96.27	ppb
Antimony	121-1	0.31	0.31	0.33	0.32	4.22	ppb
Arsenic	75-2	0.05	0.00	-0.05	0.00	2211.29	ppb
Barium	135-1	0.02	0.01	0.01	0.01	73.14	ppb
Barium	137-1	0.02	0.02	0.04	0.03	44.47	ppb
Beryllium	9-1	0.35	0.26	0.26	0.29	17.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	20.85	15.76	15.30	17.30	17.82	ppb
Boron	11-1	19.77	17.48	16.30	17.85	9.90	ppb
Cadmium	111-1	0.01	-0.02	0.03	0.01	278.31	ppb
Cadmium	106-1	-0.41	-0.47	-0.05	-0.31		ppb
Cadmium	108-1	-0.05	0.06	-0.09	-0.03		ppb
Calcium	43-1	-5.43	-5.66	-5.19	-5.43		ppb
Calcium	44-1	8.65	11.12	5.88	8.55	30.65	ppb
Chromium	52-2	0.01	0.01	0.07	0.03	133.46	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	153.15	ppb
Copper	63-2	0.10	0.09	0.08	0.09	8.76	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				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	5.37	4.69	5.05	5.04	6.74	ppb
Iron	57-2	5.32	2.93	2.06	3.44	49.10	ppb
Lead	206-1	0.15	0.15	0.16	0.15	1.42	ppb
Lead	207-1	0.17	0.17	0.16	0.17	3.13	ppb
Lead	208-1	0.15	0.16	0.16	0.16	1.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	7.06	5.09	2.06	4.73	53.22	ppb
Manganese	55-2	0.00	0.12	0.05	0.06	110.78	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:40:12	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.11	0.18	0.15	22.41	ppb
Molybdenum	95-1	0.14	0.12	0.19	0.15	22.07	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.16	1.37	ppb
Molybdenum	97-1	0.11	0.16	0.14	0.14	20.50	ppb
Molybdenum	98-1	0.17	0.15	0.17	0.17	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.22	0.17	0.15	51.36	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	31.02	28.75	4.33	21.37	69.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	-2.22	-2.22	4.93	0.16	2524.31	ppb
Selenium	78-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	82-1	0.68	0.36	-0.28	0.25	192.10	ppb
Silicon	28-1	-16.39	-16.08	-21.30	-17.92		ppb
Silver	109-1	0.04	0.04	0.05	0.04	14.70	ppb
Silver	107-1	0.04	0.04	0.04	0.04	10.85	ppb
Sodium	23-2	90.58	75.83	81.23	82.54	9.04	ppb
Strontium	86-1	0.04	-0.06	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	41.15	ppb
Sulfur	34-1	-787.92	-762.42	-1052.31	-867.55		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.21	0.17	0.21	15.61	ppb
Thallium	205-1	0.21	0.20	0.17	0.19	11.93	ppb
Tin	118-1	0.06	0.09	0.10	0.08	29.27	ppb
Titanium	47-1	0.13	0.11	0.08	0.11	24.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.56	ppb
Vanadium	51-2	0.00	-0.01	0.02	0.00	300.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.25	0.37	0.31	0.31	18.99	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	26.56	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:40:12	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.03	0.02	82.37	ppb

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:51:56 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	4.23	5.80	3.24	97.69	ppb
Antimony	121-1	0.06	0.09	0.08	0.08	17.24	ppb
Arsenic	75-2	0.06	-0.05	-0.05	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	3090.08	ppb
Barium	137-1	0.01	0.01	0.00	0.01	119.11	ppb
Beryllium	9-1	0.11	0.10	0.10	0.10	5.80	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	5.95	4.73	5.38	5.35	11.34	ppb
Boron	11-1	5.83	5.64	4.82	5.43	9.90	ppb
Cadmium	111-1	0.00	-0.01	-0.08	-0.03		ppb
Cadmium	106-1	-0.01	-0.02	-1.15	-0.39		ppb
Cadmium	108-1	-0.02	-0.05	-0.09	-0.05		ppb
Calcium	43-1	-12.34	-13.30	-12.60	-12.75		ppb
Calcium	44-1	-1.69	-0.11	-2.60	-1.47		ppb
Chromium	52-2	0.06	0.07	0.03	0.05	40.05	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	58.52	ppb
Copper	63-2	0.02	0.00	0.00	0.01	183.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	1.83	1.51	1.37	1.57	14.90	ppb
Iron	57-2	3.80	3.71	-0.31	2.40	97.91	ppb
Lead	206-1	0.05	0.06	0.04	0.05	16.69	ppb
Lead	207-1	0.06	0.05	0.04	0.05	14.67	ppb
Lead	208-1	0.04	0.05	0.04	0.04	12.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.31	7.05	3.31	4.22	59.12	ppb
Manganese	55-2	0.01	0.08	0.02	0.04	101.72	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:51:56	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.04	0.03	21.33	ppb
Molybdenum	95-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	46.84	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	56.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	-0.05	-0.03	0.04	340.31	ppb
Phosphorus	31-2	100.33	-9.58	-9.58	27.06	234.52	ppb
Potassium	39-2	22.59	-3.21	11.31	10.23	126.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	-0.70	0.46	-0.31		ppb
Selenium	82-1	0.35	-0.40	-0.09	-0.05		ppb
Silicon	28-1	-21.16	-15.76	-24.91	-20.61		ppb
Silver	109-1	0.01	0.01	0.02	0.01	33.34	ppb
Silver	107-1	0.01	0.02	0.01	0.02	38.37	ppb
Sodium	23-2	51.26	55.89	35.41	47.52	22.61	ppb
Strontium	86-1	-0.03	0.00	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-715.00	-188.37	-959.18	-620.85		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.05	0.06	0.06	19.67	ppb
Thallium	205-1	0.06	0.06	0.07	0.07	5.85	ppb
Tin	118-1	0.03	0.02	-0.02	0.01	269.19	ppb
Titanium	47-1	0.06	-0.01	-0.01	0.01	321.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	64.55	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.02		ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	0.00	-0.12	-0.11	-0.07		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	68.90	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:51:56	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	188.75	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:55:20	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.57	16.27	25.42	31.42	60.08	ppb
Antimony	121-1	3.89	3.97	3.94	3.94	0.99	ppb
Arsenic	75-2	1.97	1.81	1.94	1.91	4.58	ppb
Barium	135-1	19.03	19.65	19.23	19.30	1.65	ppb
Barium	137-1	19.46	19.75	18.92	19.38	2.16	ppb
Beryllium	9-1	2.09	2.31	2.04	2.15	6.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	48.15	44.97	46.94	46.69	3.44	ppb
Boron	11-1	46.25	48.18	49.31	47.91	3.22	ppb
Cadmium	111-1	1.84	1.93	1.95	1.91	3.11	ppb
Cadmium	106-1	1.48	1.51	2.03	1.67	18.66	ppb
Cadmium	108-1	1.98	2.37	2.02	2.12	10.07	ppb
Calcium	43-1	888.94	922.14	881.01	897.36	2.43	ppb
Calcium	44-1	897.19	932.76	892.59	907.51	2.42	ppb
Chromium	52-2	4.08	4.22	4.26	4.19	2.30	ppb
Cobalt	59-2	1.98	1.95	1.99	1.97	1.05	ppb
Copper	63-2	3.78	3.85	3.73	3.79	1.53	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	490.41	478.44	494.60	487.82	1.72	ppb
Iron	57-2	487.32	511.30	483.20	493.94	3.07	ppb
Lead	206-1	1.90	1.95	1.89	1.92	1.73	ppb
Lead	207-1	1.93	1.99	1.91	1.94	2.15	ppb
Lead	208-1	1.93	1.94	1.93	1.93	0.23	ppb
Lithium	6-1				98		%
Magnesium	24-2	958.39	977.31	965.94	967.21	0.98	ppb
Manganese	55-2	1.90	1.98	1.66	1.85	8.84	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:55:20	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.50	9.85	9.51	9.62	2.11	ppb
Molybdenum	95-1	9.04	9.73	9.22	9.33	3.81	ppb
Molybdenum	96-1	9.46	9.51	9.37	9.45	0.74	ppb
Molybdenum	97-1	9.39	9.38	8.98	9.25	2.53	ppb
Molybdenum	98-1	9.16	9.32	9.35	9.27	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.43	2.41	2.44	2.43	0.54	ppb
Phosphorus	31-2	24.09	57.03	-9.58	23.85	139.66	ppb
Potassium	39-2	939.95	955.89	876.68	924.17	4.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	4.95	12.25	34.06	17.09	88.67	ppb
Selenium	78-2	13.96	8.40	10.71	11.02	25.36	ppb
Selenium	82-1	10.46	10.49	9.56	10.17	5.21	ppb
Silicon	28-1	11.70	17.64	12.01	13.78	24.29	ppb
Silver	109-1	2.01	1.90	2.00	1.97	3.22	ppb
Silver	107-1	2.08	2.02	1.91	2.00	4.09	ppb
Sodium	23-2	971.48	951.83	996.08	973.13	2.28	ppb
Strontium	86-1	1.73	1.84	1.78	1.78	2.95	ppb
Strontium	88-1	1.88	1.98	1.87	1.91	3.27	ppb
Sulfur	34-1	-841.25	-327.83	-819.24	-662.77		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.84	2.04	1.94	1.94	5.03	ppb
Thallium	205-1	1.97	2.07	2.05	2.03	2.59	ppb
Tin	118-1	9.26	9.42	9.17	9.29	1.39	ppb
Titanium	47-1	9.33	9.79	9.49	9.53	2.45	ppb
Uranium	238-1	1.88	1.84	1.77	1.83	3.07	ppb
Vanadium	51-2	9.14	9.28	9.34	9.25	1.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	2.90	3.58	4.60	3.69	23.20	ppb
Zirconium	90-1	1.94	2.08	1.96	1.99	3.83	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:55:20	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.08	2.16	2.10	2.11	1.82	ppb

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:58:44 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	3.89	1.62	1.67	132.06	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	19.46	ppb
Arsenic	75-2	-0.02	-0.02	-0.05	-0.03		ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.01	125.78	ppb
Beryllium	9-1	0.07	0.09	0.06	0.07	18.88	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	4.92	4.55	4.77	4.75	3.99	ppb
Boron	11-1	5.43	4.84	5.12	5.13	5.78	ppb
Cadmium	111-1	-0.05	-0.01	-0.05	-0.03		ppb
Cadmium	106-1	-0.57	0.03	-0.61	-0.38		ppb
Cadmium	108-1	-0.09	0.05	0.05	0.01	1243.68	ppb
Calcium	43-1	-16.42	-9.97	-20.02	-15.47		ppb
Calcium	44-1	-2.35	-1.71	-4.66	-2.91		ppb
Chromium	52-2	0.05	0.01	-0.02	0.01	271.34	ppb
Cobalt	59-2	0.00	0.03	0.02	0.02	71.10	ppb
Copper	63-2	0.01	-0.02	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	1.41	1.25	1.22	1.30	7.57	ppb
Iron	57-2	0.26	-0.22	-3.22	-1.06		ppb
Lead	206-1	0.02	0.03	0.01	0.02	30.66	ppb
Lead	207-1	0.04	0.05	0.03	0.04	20.27	ppb
Lead	208-1	0.03	0.03	0.02	0.03	24.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.95	4.07	6.51	4.18	54.56	ppb
Manganese	55-2	0.00	0.11	0.07	0.06	93.56	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:58:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.03	0.02	56.71	ppb
Molybdenum	95-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.00	0.01	0.00	143.37	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.25	0.08	0.13	81.47	ppb
Phosphorus	31-2	57.05	-9.58	23.96	23.81	139.92	ppb
Potassium	39-2	16.54	-6.83	17.16	8.96	152.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	-0.70	0.45	-0.31		ppb
Selenium	82-1	0.31	0.12	-0.05	0.13	140.98	ppb
Silicon	28-1	-24.02	-20.42	-24.36	-22.93		ppb
Silver	109-1	0.01	0.00	0.00	0.00	25.13	ppb
Silver	107-1	0.01	0.02	0.01	0.01	28.29	ppb
Sodium	23-2	36.64	27.76	35.35	33.25	14.43	ppb
Strontium	86-1	-0.04	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-871.95	-579.56	-892.29	-781.27		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.02	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	11.14	ppb
Tin	118-1	0.00	0.04	0.00	0.02	149.01	ppb
Titanium	47-1	0.02	-0.02	0.04	0.01	225.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	706.89	ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	-0.04	-0.34	-0.11	-0.16		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	85.39	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:58:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	118.70	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:02:08	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.03	38.47	23.66	32.05	23.72	ppb
Antimony	121-1	3.94	3.87	3.81	3.87	1.77	ppb
Arsenic	75-2	1.88	2.11	1.85	1.95	7.24	ppb
Barium	135-1	19.29	18.58	18.61	18.83	2.14	ppb
Barium	137-1	19.54	18.66	18.93	19.04	2.38	ppb
Beryllium	9-1	2.11	2.16	2.01	2.10	3.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	42.95	47.72	45.25	45.31	5.27	ppb
Boron	11-1	46.24	45.19	48.16	46.53	3.24	ppb
Cadmium	111-1	1.89	2.01	1.83	1.91	4.60	ppb
Cadmium	106-1	2.01	2.40	1.31	1.90	29.00	ppb
Cadmium	108-1	1.80	1.47	1.99	1.75	14.90	ppb
Calcium	43-1	949.85	881.75	871.26	900.95	4.74	ppb
Calcium	44-1	903.39	889.58	890.59	894.52	0.86	ppb
Chromium	52-2	4.26	4.01	3.97	4.08	3.76	ppb
Cobalt	59-2	1.84	1.88	1.97	1.90	3.52	ppb
Copper	63-2	3.83	3.80	3.87	3.83	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	474.97	482.99	486.68	481.54	1.24	ppb
Iron	57-2	469.29	468.99	482.07	473.45	1.58	ppb
Lead	206-1	1.86	1.95	1.88	1.90	2.47	ppb
Lead	207-1	1.92	1.96	1.83	1.90	3.67	ppb
Lead	208-1	1.93	1.93	1.90	1.92	1.02	ppb
Lithium	6-1				97		%
Magnesium	24-2	968.29	976.43	994.14	979.62	1.35	ppb
Manganese	55-2	2.45	1.56	1.98	2.00	22.33	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:02:08	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.37	9.53	9.28	9.39	1.37	ppb
Molybdenum	95-1	9.25	8.98	9.05	9.09	1.56	ppb
Molybdenum	96-1	9.42	9.20	9.02	9.21	2.19	ppb
Molybdenum	97-1	9.09	9.22	9.10	9.14	0.78	ppb
Molybdenum	98-1	9.21	9.20	9.19	9.20	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	2.33	2.24	2.22	5.63	ppb
Phosphorus	31-2	24.61	24.72	-9.58	13.25	149.21	ppb
Potassium	39-2	859.06	922.23	917.49	899.59	3.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	5.07	5.14	12.99	7.73	58.81	ppb
Selenium	78-2	19.97	10.89	13.64	14.83	31.37	ppb
Selenium	82-1	10.42	10.23	9.71	10.12	3.61	ppb
Silicon	28-1	12.98	11.31	11.88	12.06	7.05	ppb
Silver	109-1	1.97	1.94	1.89	1.93	2.00	ppb
Silver	107-1	1.98	2.01	1.91	1.97	2.58	ppb
Sodium	23-2	973.33	965.15	997.65	978.71	1.73	ppb
Strontium	86-1	2.02	1.84	1.70	1.85	8.88	ppb
Strontium	88-1	1.92	1.86	1.91	1.90	1.61	ppb
Sulfur	34-1	-854.21	-774.03	-856.71	-828.31		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	1.96	1.88	1.91	1.92	2.17	ppb
Thallium	205-1	1.96	1.92	1.92	1.93	1.23	ppb
Tin	118-1	9.33	9.27	9.17	9.26	0.87	ppb
Titanium	47-1	10.04	8.68	9.51	9.41	7.26	ppb
Uranium	238-1	1.83	1.80	1.82	1.82	0.76	ppb
Vanadium	51-2	9.66	8.73	9.80	9.39	6.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	4.95	3.42	3.93	4.10	19.01	ppb
Zirconium	90-1	1.91	1.82	2.04	1.92	5.82	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:02:08	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.06	1.98	1.88	1.97	4.48	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:26:31	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49812.20	54193.30	48443.76	50816.42	5.91	ppb
Antimony	121-1	508.57	495.68	506.47	503.57	1.37	ppb
Arsenic	75-2	493.84	510.22	489.18	497.74	2.22	ppb
Barium	135-1	2523.18	2469.95	2524.29	2505.81	1.24	ppb
Barium	137-1	2505.98	2474.63	2523.06	2501.23	0.98	ppb
Beryllium	9-1	521.95	515.32	512.38	516.55	0.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	482.40	475.07	489.69	482.39	1.51	ppb
Boron	11-1	483.04	485.26	497.91	488.73	1.64	ppb
Cadmium	111-1	486.43	481.39	484.63	484.15	0.53	ppb
Cadmium	106-1	485.63	487.76	488.07	487.15	0.27	ppb
Cadmium	108-1	477.67	476.38	490.59	481.54	1.63	ppb
Calcium	43-1	237912.72	237339.73	239746.90	238333.12	0.53	ppb
Calcium	44-1	236235.94	234538.08	235247.25	235340.42	0.36	ppb
Chromium	52-2	498.95	544.21	496.22	513.12	5.25	ppb
Cobalt	59-2	482.55	524.06	476.73	494.45	5.22	ppb
Copper	63-2	930.10	1012.96	924.65	955.90	5.18	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				101		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	121435.02	131541.17	119873.26	124283.15	5.10	ppb
Iron	57-2	119170.57	130093.73	118007.26	122423.85	5.45	ppb
Lead	206-1	496.82	516.86	510.62	508.10	2.02	ppb
Lead	207-1	498.55	507.22	504.94	503.57	0.89	ppb
Lead	208-1	501.51	511.87	507.39	506.92	1.03	ppb
Lithium	6-1				94		%
Magnesium	24-2	244023.93	267199.98	242333.00	251185.63	5.53	ppb
Manganese	55-2	988.05	1084.82	976.76	1016.55	5.84	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:26:31	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2482.19	2479.36	2478.05	2479.87	0.09	ppb
Molybdenum	95-1	2493.19	2477.02	2471.82	2480.68	0.45	ppb
Molybdenum	96-1	2451.87	2470.64	2480.42	2467.64	0.59	ppb
Molybdenum	97-1	2481.83	2474.16	2469.29	2475.09	0.26	ppb
Molybdenum	98-1	2461.42	2463.91	2501.15	2475.49	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.19	520.75	478.86	494.60	4.61	ppb
Phosphorus	31-2	10497.90	12610.11	9700.44	10936.15	13.75	ppb
Potassium	39-2	122961.19	134155.20	125083.40	127399.93	4.67	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	481.06	537.72	440.72	486.50	10.02	ppb
Selenium	78-2	519.73	470.61	532.27	507.54	6.42	ppb
Selenium	82-1	486.71	489.22	487.73	487.89	0.26	ppb
Silicon	28-1	516.57	504.95	514.93	512.15	1.23	ppb
Silver	109-1	571.12	555.82	567.67	564.87	1.42	ppb
Silver	107-1	567.98	564.78	568.45	567.07	0.35	ppb
Sodium	23-2	245113.96	267017.77	243773.64	251968.45	5.18	ppb
Strontium	86-1	501.81	501.43	503.46	502.23	0.21	ppb
Strontium	88-1	506.96	506.25	509.14	507.45	0.30	ppb
Sulfur	34-1	6884.79	6556.73	6590.11	6677.21	2.70	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	500.90	515.49	510.26	508.88	1.45	ppb
Thallium	205-1	496.02	504.09	502.78	500.96	0.86	ppb
Tin	118-1	499.03	487.29	500.54	495.62	1.46	ppb
Titanium	47-1	2510.04	2431.27	2489.47	2476.92	1.65	ppb
Uranium	238-1	505.17	513.20	512.83	510.40	0.89	ppb
Vanadium	51-2	493.61	541.69	490.32	508.54	5.66	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	951.77	1029.24	930.91	970.64	5.34	ppb
Zirconium	90-1	501.93	504.54	505.28	503.91	0.35	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:26:31	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.89	491.36	489.93	490.73	0.15	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:29:45	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.56	3.54	1.52	2.21	52.50	ppb
Antimony	121-1	0.26	0.31	0.32	0.29	9.55	ppb
Arsenic	75-2	0.03	-0.02	-0.07	-0.02		ppb
Barium	135-1	0.03	0.03	0.05	0.04	29.29	ppb
Barium	137-1	0.01	0.03	0.03	0.02	38.13	ppb
Beryllium	9-1	0.24	0.26	0.19	0.23	15.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	14.52	13.61	13.42	13.85	4.26	ppb
Boron	11-1	15.13	13.26	12.12	13.50	11.26	ppb
Cadmium	111-1	0.03	0.05	-0.02	0.02	164.44	ppb
Cadmium	106-1	0.42	0.31	-0.32	0.14	292.86	ppb
Cadmium	108-1	0.05	-0.02	-0.09	-0.02		ppb
Calcium	43-1	-11.59	-10.36	-7.45	-9.80		ppb
Calcium	44-1	2.23	1.16	1.96	1.78	31.09	ppb
Chromium	52-2	-0.06	-0.03	-0.13	-0.08		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	25.17	ppb
Copper	63-2	0.05	0.07	0.02	0.05	54.59	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				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	4.10	3.03	3.46	3.53	15.24	ppb
Iron	57-2	3.12	4.15	1.91	3.06	36.64	ppb
Lead	206-1	0.09	0.12	0.09	0.10	17.34	ppb
Lead	207-1	0.12	0.11	0.12	0.11	7.19	ppb
Lead	208-1	0.10	0.11	0.09	0.10	8.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.01	5.69	4.88	3.86	64.81	ppb
Manganese	55-2	-0.04	0.06	0.10	0.04	180.26	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:29:45	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.13	0.13	0.14	15.05	ppb
Molybdenum	95-1	0.14	0.11	0.14	0.13	11.45	ppb
Molybdenum	96-1	0.12	0.13	0.14	0.13	8.53	ppb
Molybdenum	97-1	0.09	0.15	0.17	0.13	31.75	ppb
Molybdenum	98-1	0.13	0.12	0.15	0.14	12.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	-0.03	0.06	0.10	154.74	ppb
Phosphorus	31-2	-9.58	-9.58	55.89	12.24	308.73	ppb
Potassium	39-2	15.97	-11.93	6.16	3.40	416.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	1.53	0.42	-0.70	0.42	267.32	ppb
Selenium	82-1	0.07	-0.54	0.09	-0.13		ppb
Silicon	28-1	-24.79	-22.65	-24.38	-23.94		ppb
Silver	109-1	0.02	0.03	0.03	0.02	23.07	ppb
Silver	107-1	0.02	0.03	0.03	0.03	23.96	ppb
Sodium	23-2	64.55	53.46	50.69	56.23	13.04	ppb
Strontium	86-1	-0.03	0.03	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	34.72	ppb
Sulfur	34-1	-905.63	-797.90	-845.64	-849.72		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.12	0.14	13.72	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	8.81	ppb
Tin	118-1	0.08	0.13	0.10	0.11	21.20	ppb
Titanium	47-1	0.10	0.06	-0.01	0.05	110.49	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.54	ppb
Vanadium	51-2	-0.02	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.16	0.08	-0.05	0.07	159.15	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	10.85	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:29:45	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.03	0.04	50.60	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:33:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.91	7.79	1.64	5.78	62.04	ppb
Antimony	121-1	0.33	0.34	0.37	0.35	4.66	ppb
Arsenic	75-2	0.20	0.41	0.39	0.34	34.12	ppb
Barium	135-1	1.19	1.33	1.23	1.25	5.58	ppb
Barium	137-1	1.32	1.22	1.33	1.29	4.57	ppb
Beryllium	9-1	0.41	0.35	0.30	0.35	15.55	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	6.89	5.66	5.02	5.86	16.20	ppb
Boron	11-1	5.74	5.90	5.79	5.81	1.45	ppb
Cadmium	111-1	0.39	0.34	0.33	0.35	8.46	ppb
Cadmium	106-1	1.86	0.63	0.43	0.97	79.59	ppb
Cadmium	108-1	0.52	0.34	0.38	0.41	22.57	ppb
Calcium	43-1	89.91	71.14	77.94	79.66	11.93	ppb
Calcium	44-1	80.86	83.00	86.32	83.40	3.30	ppb
Chromium	52-2	0.17	0.28	0.31	0.25	28.87	ppb
Cobalt	59-2	0.31	0.23	0.28	0.28	14.03	ppb
Copper	63-2	0.64	0.56	0.70	0.63	11.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	15.02	13.42	15.58	14.67	7.65	ppb
Iron	57-2	8.42	18.05	13.22	13.23	36.41	ppb
Lead	206-1	0.31	0.29	0.33	0.31	5.10	ppb
Lead	207-1	0.31	0.32	0.30	0.31	4.02	ppb
Lead	208-1	0.30	0.29	0.32	0.30	5.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	34.65	31.94	25.09	30.56	16.12	ppb
Manganese	55-2	0.62	0.42	0.69	0.58	24.11	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:33:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.26	1.16	1.16	1.19	4.63	ppb
Molybdenum	95-1	1.27	1.34	1.25	1.29	3.61	ppb
Molybdenum	96-1	1.20	1.28	1.25	1.24	2.98	ppb
Molybdenum	97-1	1.09	1.17	1.25	1.17	6.85	ppb
Molybdenum	98-1	1.26	1.16	1.22	1.21	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.20	0.23	0.25	22.61	ppb
Phosphorus	31-2	-9.58	-9.58	24.12	1.65	1176.59	ppb
Potassium	39-2	29.06	-1.77	20.49	15.93	99.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	4.86	-2.22	-2.22	0.14	2882.04	ppb
Selenium	78-2	2.65	1.56	1.58	1.93	32.23	ppb
Selenium	82-1	0.67	0.96	0.33	0.65	49.03	ppb
Silicon	28-1	-21.19	-22.67	-23.35	-22.40		ppb
Silver	109-1	0.23	0.25	0.20	0.23	11.60	ppb
Silver	107-1	0.22	0.28	0.25	0.25	12.51	ppb
Sodium	23-2	73.97	64.92	69.65	69.51	6.51	ppb
Strontium	86-1	0.26	0.26	0.32	0.28	12.29	ppb
Strontium	88-1	0.28	0.27	0.28	0.28	1.71	ppb
Sulfur	34-1	-735.67	-703.20	-877.18	-772.02		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.31	0.32	0.30	5.66	ppb
Thallium	205-1	0.32	0.32	0.33	0.32	1.06	ppb
Tin	118-1	0.21	0.25	0.23	0.23	8.93	ppb
Titanium	47-1	1.27	1.34	1.06	1.22	11.69	ppb
Uranium	238-1	0.25	0.24	0.23	0.24	4.64	ppb
Vanadium	51-2	0.28	0.27	0.21	0.25	14.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.78	1.07	0.90	0.92	15.89	ppb
Zirconium	90-1	0.25	0.23	0.27	0.25	6.68	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:33:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.28	0.23	0.25	8.58	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:36:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.71	18.01	5.59	9.10	85.35	ppb
Antimony	121-1	0.28	0.29	0.30	0.29	3.96	ppb
Arsenic	75-2	0.38	0.26	0.24	0.29	26.74	ppb
Barium	135-1	1.25	1.08	1.28	1.20	9.27	ppb
Barium	137-1	1.35	1.21	1.30	1.29	5.44	ppb
Beryllium	9-1	0.32	0.42	0.41	0.38	15.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	3.86	4.44	3.56	3.95	11.37	ppb
Boron	11-1	3.83	3.96	3.21	3.67	10.92	ppb
Cadmium	111-1	0.20	0.28	0.18	0.22	25.21	ppb
Cadmium	106-1	-0.26	0.37	-0.58	-0.16		ppb
Cadmium	108-1	0.06	0.16	0.20	0.14	53.50	ppb
Calcium	43-1	4.81	10.32	15.61	10.25	52.69	ppb
Calcium	44-1	14.95	16.85	15.30	15.70	6.45	ppb
Chromium	52-2	0.28	0.25	0.04	0.19	66.94	ppb
Cobalt	59-2	0.32	0.28	0.28	0.29	7.68	ppb
Copper	63-2	0.55	0.45	0.48	0.49	10.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	14.60	13.99	13.80	14.13	2.97	ppb
Iron	57-2	13.08	21.29	10.38	14.92	38.07	ppb
Lead	206-1	0.28	0.26	0.27	0.27	3.59	ppb
Lead	207-1	0.28	0.27	0.25	0.27	4.69	ppb
Lead	208-1	0.27	0.27	0.26	0.26	2.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	29.75	32.50	23.56	28.60	16.01	ppb
Manganese	55-2	0.71	0.46	0.52	0.56	22.85	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:36:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.29	1.28	1.17	1.25	5.55	ppb
Molybdenum	95-1	1.22	1.25	1.25	1.24	1.48	ppb
Molybdenum	96-1	1.28	1.26	1.30	1.28	1.68	ppb
Molybdenum	97-1	1.26	1.24	1.16	1.22	4.34	ppb
Molybdenum	98-1	1.18	1.23	1.20	1.21	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.32	0.20	0.30	31.74	ppb
Phosphorus	31-2	-9.58	55.89	-9.58	12.24	308.73	ppb
Potassium	39-2	-4.33	-8.70	4.37	-2.89		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	-2.22	4.91	-2.22	0.16	2598.33	ppb
Selenium	78-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	82-1	0.70	-0.33	0.67	0.35	170.11	ppb
Silicon	28-1	-21.58	-22.88	-22.92	-22.46		ppb
Silver	109-1	0.25	0.23	0.23	0.24	5.14	ppb
Silver	107-1	0.22	0.25	0.23	0.23	6.25	ppb
Sodium	23-2	66.26	55.20	61.66	61.04	9.10	ppb
Strontium	86-1	0.23	0.17	0.21	0.21	14.02	ppb
Strontium	88-1	0.24	0.25	0.23	0.24	4.51	ppb
Sulfur	34-1	-717.20	-750.68	-736.07	-734.65		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.30	0.26	0.28	7.51	ppb
Thallium	205-1	0.26	0.27	0.30	0.28	6.26	ppb
Tin	118-1	0.22	0.25	0.18	0.21	16.69	ppb
Titanium	47-1	1.40	1.23	1.36	1.33	6.87	ppb
Uranium	238-1	0.24	0.24	0.23	0.24	1.64	ppb
Vanadium	51-2	0.21	0.20	0.28	0.23	18.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.06	0.15	0.35	0.19	77.18	ppb
Zirconium	90-1	0.25	0.26	0.24	0.25	3.98	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:36:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.23	0.24	0.24	5.17	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.74	9.67	-0.36	6.35	91.46	ppb
Antimony	121-1	0.29	0.26	0.28	0.27	5.29	ppb
Arsenic	75-2	0.20	0.13	0.10	0.14	37.58	ppb
Barium	135-1	1.32	1.10	1.18	1.20	9.25	ppb
Barium	137-1	1.22	1.19	1.28	1.23	3.56	ppb
Beryllium	9-1	0.33	0.34	0.30	0.32	6.91	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	3.92	3.39	3.14	3.48	11.43	ppb
Boron	11-1	3.25	2.94	2.78	2.99	7.88	ppb
Cadmium	111-1	0.25	0.30	0.16	0.23	31.07	ppb
Cadmium	106-1	0.18	0.73	-0.36	0.18	296.21	ppb
Cadmium	108-1	0.13	0.34	0.34	0.27	45.38	ppb
Calcium	43-1	-6.49	2.84	5.69	0.68	940.21	ppb
Calcium	44-1	13.43	15.83	18.49	15.92	15.91	ppb
Chromium	52-2	0.26	0.35	0.30	0.30	15.95	ppb
Cobalt	59-2	0.23	0.23	0.27	0.24	9.93	ppb
Copper	63-2	0.43	0.46	0.53	0.47	11.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	13.52	12.27	13.01	12.93	4.85	ppb
Iron	57-2	11.00	14.32	11.73	12.35	14.10	ppb
Lead	206-1	0.25	0.25	0.26	0.25	2.62	ppb
Lead	207-1	0.28	0.25	0.26	0.26	6.71	ppb
Lead	208-1	0.26	0.26	0.25	0.26	1.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	33.30	27.85	27.97	29.71	10.48	ppb
Manganese	55-2	0.69	0.68	0.39	0.59	28.64	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.32	1.18	1.24	1.25	5.87	ppb
Molybdenum	95-1	1.18	1.16	1.15	1.16	1.21	ppb
Molybdenum	96-1	1.17	1.18	1.10	1.15	3.59	ppb
Molybdenum	97-1	1.13	1.16	1.20	1.16	3.23	ppb
Molybdenum	98-1	1.18	1.17	1.15	1.17	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.18	0.49	0.35	46.03	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	32.38	2.46	36.67	23.84	78.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	0.40	2.66	1.80	1.62	70.24	ppb
Selenium	82-1	-0.20	0.44	0.53	0.26	155.06	ppb
Silicon	28-1	-21.84	-22.50	-23.33	-22.56		ppb
Silver	109-1	0.21	0.23	0.23	0.22	4.26	ppb
Silver	107-1	0.23	0.24	0.23	0.23	2.70	ppb
Sodium	23-2	49.43	54.18	60.33	54.65	10.00	ppb
Strontium	86-1	0.21	0.27	0.25	0.24	13.10	ppb
Strontium	88-1	0.24	0.23	0.26	0.24	6.16	ppb
Sulfur	34-1	-695.74	-740.38	-762.11	-732.74		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.23	0.28	0.25	10.95	ppb
Thallium	205-1	0.28	0.28	0.27	0.28	1.90	ppb
Tin	118-1	0.22	0.20	0.21	0.21	5.36	ppb
Titanium	47-1	1.06	1.26	1.14	1.16	8.82	ppb
Uranium	238-1	0.25	0.23	0.24	0.24	4.92	ppb
Vanadium	51-2	0.25	0.17	0.20	0.21	21.30	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	0.19	0.18	0.43	0.27	53.15	ppb
Zirconium	90-1	0.23	0.23	0.24	0.23	1.04	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.24	0.23	0.25	11.56	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:43:21	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.79	1.50	11.86	5.72	95.18	ppb
Antimony	121-1	0.29	0.30	0.29	0.29	2.75	ppb
Arsenic	75-2	0.18	0.21	0.11	0.17	32.41	ppb
Barium	135-1	1.39	1.23	1.22	1.28	7.24	ppb
Barium	137-1	1.40	1.33	1.30	1.34	3.82	ppb
Beryllium	9-1	0.38	0.28	0.37	0.34	16.40	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	2.46	2.63	2.46	2.52	3.83	ppb
Boron	11-1	2.78	2.60	2.70	2.69	3.31	ppb
Cadmium	111-1	0.22	0.20	0.21	0.21	4.75	ppb
Cadmium	106-1	0.33	-0.07	0.00	0.09	237.12	ppb
Cadmium	108-1	0.31	0.38	0.28	0.32	15.78	ppb
Calcium	43-1	-0.51	-3.62	10.23	2.04	356.79	ppb
Calcium	44-1	15.87	17.55	14.63	16.02	9.17	ppb
Chromium	52-2	0.28	0.27	0.28	0.28	3.03	ppb
Cobalt	59-2	0.28	0.26	0.22	0.25	12.53	ppb
Copper	63-2	0.46	0.49	0.42	0.46	7.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	13.67	13.53	12.79	13.33	3.54	ppb
Iron	57-2	13.88	11.55	11.64	12.36	10.67	ppb
Lead	206-1	0.28	0.29	0.25	0.27	6.13	ppb
Lead	207-1	0.24	0.26	0.31	0.27	13.58	ppb
Lead	208-1	0.25	0.27	0.28	0.27	4.15	ppb
Lithium	6-1				97		%
Magnesium	24-2	29.30	28.44	29.08	28.94	1.55	ppb
Manganese	55-2	0.48	0.46	0.55	0.49	9.23	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:43:21	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.37	1.22	1.27	1.28	5.99	ppb
Molybdenum	95-1	1.18	1.25	1.23	1.22	2.96	ppb
Molybdenum	96-1	1.21	1.20	1.17	1.19	1.97	ppb
Molybdenum	97-1	1.34	1.25	1.07	1.22	11.22	ppb
Molybdenum	98-1	1.24	1.16	1.34	1.25	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.46	0.41	0.43	7.33	ppb
Phosphorus	31-2	24.26	23.03	-9.58	12.57	152.68	ppb
Potassium	39-2	23.73	18.05	28.59	23.46	22.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	0.44	0.43	-0.70	0.05	1191.67	ppb
Selenium	82-1	-0.29	0.52	-0.04	0.06	640.81	ppb
Silicon	28-1	-21.60	-23.95	-20.05	-21.87		ppb
Silver	109-1	0.26	0.22	0.24	0.24	9.11	ppb
Silver	107-1	0.23	0.25	0.23	0.24	5.70	ppb
Sodium	23-2	58.60	51.99	53.04	54.54	6.52	ppb
Strontium	86-1	0.11	0.21	0.20	0.17	30.79	ppb
Strontium	88-1	0.23	0.24	0.24	0.24	3.75	ppb
Sulfur	34-1	-823.69	-718.28	-515.86	-685.94		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.28	0.25	0.27	4.65	ppb
Thallium	205-1	0.26	0.29	0.27	0.28	4.46	ppb
Tin	118-1	0.22	0.20	0.21	0.21	5.85	ppb
Titanium	47-1	1.27	1.35	1.47	1.36	7.44	ppb
Uranium	238-1	0.23	0.24	0.26	0.24	5.98	ppb
Vanadium	51-2	0.19	0.32	0.29	0.27	24.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.24	0.49	0.29	0.34	37.80	ppb
Zirconium	90-1	0.24	0.23	0.24	0.24	1.77	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:43:21	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.19	0.20	0.23	25.34	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:46:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.82	5.68	9.93	7.14	33.75	ppb
Antimony	121-1	0.25	0.29	0.28	0.27	8.20	ppb
Arsenic	75-2	0.38	0.28	0.34	0.33	14.61	ppb
Barium	135-1	1.10	1.26	1.18	1.18	6.68	ppb
Barium	137-1	1.35	1.21	1.30	1.29	5.18	ppb
Beryllium	9-1	0.33	0.36	0.35	0.35	3.68	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	2.79	2.35	2.52	2.55	8.68	ppb
Boron	11-1	2.49	2.63	2.08	2.40	11.88	ppb
Cadmium	111-1	0.21	0.21	0.30	0.24	22.78	ppb
Cadmium	106-1	-0.44	-0.05	0.45	-0.02		ppb
Cadmium	108-1	0.20	0.38	0.23	0.27	36.14	ppb
Calcium	43-1	7.51	-0.39	6.54	4.56	94.52	ppb
Calcium	44-1	14.56	16.39	15.68	15.55	5.96	ppb
Chromium	52-2	0.28	0.29	0.29	0.28	1.03	ppb
Cobalt	59-2	0.25	0.28	0.30	0.27	8.88	ppb
Copper	63-2	0.48	0.43	0.44	0.45	4.91	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				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	13.78	14.43	13.49	13.90	3.46	ppb
Iron	57-2	11.93	16.26	15.26	14.49	15.65	ppb
Lead	206-1	0.26	0.22	0.26	0.25	9.69	ppb
Lead	207-1	0.26	0.25	0.28	0.26	6.70	ppb
Lead	208-1	0.25	0.24	0.26	0.25	4.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	24.85	26.97	30.35	27.39	10.12	ppb
Manganese	55-2	0.62	0.53	0.62	0.59	9.10	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:46:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.17	1.22	1.13	1.17	3.87	ppb
Molybdenum	95-1	1.22	1.15	1.18	1.18	2.98	ppb
Molybdenum	96-1	1.30	1.25	1.13	1.22	7.14	ppb
Molybdenum	97-1	1.12	1.19	1.10	1.14	4.20	ppb
Molybdenum	98-1	1.14	1.21	1.15	1.17	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.28	0.30	0.28	8.10	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	52.59	6.32	-0.16	19.58	146.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	3.74	-0.70	0.43	1.16	199.37	ppb
Selenium	82-1	0.56	0.30	0.74	0.53	42.21	ppb
Silicon	28-1	-22.45	-21.06	-21.24	-21.59		ppb
Silver	109-1	0.22	0.23	0.20	0.22	6.41	ppb
Silver	107-1	0.24	0.24	0.26	0.24	4.32	ppb
Sodium	23-2	63.53	41.60	43.90	49.68	24.26	ppb
Strontium	86-1	0.23	0.24	0.24	0.24	2.00	ppb
Strontium	88-1	0.23	0.23	0.22	0.23	2.26	ppb
Sulfur	34-1	-642.52	-569.15	-534.58	-582.09		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.24	0.24	0.25	4.20	ppb
Thallium	205-1	0.27	0.26	0.26	0.26	1.71	ppb
Tin	118-1	0.19	0.23	0.20	0.21	11.28	ppb
Titanium	47-1	1.11	1.26	1.57	1.31	17.88	ppb
Uranium	238-1	0.24	0.24	0.22	0.23	5.24	ppb
Vanadium	51-2	0.28	0.26	0.31	0.28	10.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.03	0.29	0.16	0.16	80.90	ppb
Zirconium	90-1	0.25	0.25	0.22	0.24	5.81	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:46:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.23	0.24	0.24	4.40	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:50:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.87	3.70	5.89	6.49	48.23	ppb
Antimony	121-1	0.23	0.24	0.27	0.24	8.46	ppb
Arsenic	75-2	0.36	0.23	0.23	0.28	25.92	ppb
Barium	135-1	1.36	1.35	1.27	1.33	3.82	ppb
Barium	137-1	1.28	1.33	1.24	1.28	3.68	ppb
Beryllium	9-1	0.31	0.36	0.30	0.32	11.36	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	2.38	2.17	2.69	2.41	10.69	ppb
Boron	11-1	2.57	2.52	2.56	2.55	0.93	ppb
Cadmium	111-1	0.26	0.23	0.28	0.26	9.02	ppb
Cadmium	106-1	0.22	0.11	0.09	0.14	47.92	ppb
Cadmium	108-1	0.42	0.14	0.38	0.31	49.38	ppb
Calcium	43-1	5.67	5.35	1.46	4.16	56.32	ppb
Calcium	44-1	14.43	16.19	13.64	14.75	8.82	ppb
Chromium	52-2	0.14	0.20	0.30	0.21	37.01	ppb
Cobalt	59-2	0.27	0.24	0.24	0.25	6.57	ppb
Copper	63-2	0.44	0.52	0.57	0.51	13.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	12.81	13.64	12.81	13.09	3.65	ppb
Iron	57-2	8.28	14.80	13.82	12.30	28.58	ppb
Lead	206-1	0.21	0.29	0.25	0.25	17.33	ppb
Lead	207-1	0.27	0.24	0.24	0.25	5.91	ppb
Lead	208-1	0.24	0.27	0.25	0.25	5.90	ppb
Lithium	6-1				97		%
Magnesium	24-2	35.93	37.73	23.75	32.47	23.43	ppb
Manganese	55-2	0.44	0.70	0.45	0.53	27.66	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:50:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.24	1.23	1.24	0.56	ppb
Molybdenum	95-1	1.15	1.23	1.24	1.21	3.81	ppb
Molybdenum	96-1	1.19	1.25	1.15	1.20	4.20	ppb
Molybdenum	97-1	1.14	1.20	1.18	1.17	2.66	ppb
Molybdenum	98-1	1.23	1.28	1.19	1.24	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.46	0.08	0.34	66.85	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	8.52	10.51	16.54	11.86	35.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	-2.22	4.97	-2.22	0.18	2351.03	ppb
Selenium	78-2	0.42	0.43	1.55	0.80	81.28	ppb
Selenium	82-1	0.45	-0.06	0.48	0.29	104.39	ppb
Silicon	28-1	-20.44	-14.51	-24.12	-19.69		ppb
Silver	109-1	0.26	0.25	0.24	0.25	3.44	ppb
Silver	107-1	0.23	0.25	0.25	0.24	5.52	ppb
Sodium	23-2	47.12	59.19	61.20	55.83	13.64	ppb
Strontium	86-1	0.19	0.19	0.24	0.21	15.60	ppb
Strontium	88-1	0.22	0.24	0.23	0.23	4.31	ppb
Sulfur	34-1	-476.10	-126.49	-602.66	-401.75		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.30	0.28	0.29	3.07	ppb
Thallium	205-1	0.28	0.29	0.24	0.27	8.79	ppb
Tin	118-1	0.23	0.27	0.21	0.24	12.08	ppb
Titanium	47-1	1.10	1.38	1.43	1.30	13.60	ppb
Uranium	238-1	0.23	0.24	0.22	0.23	5.30	ppb
Vanadium	51-2	0.18	0.18	0.34	0.23	39.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.40	0.34	0.48	0.41	18.18	ppb
Zirconium	90-1	0.23	0.27	0.22	0.24	10.26	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:50:09	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.24	0.21	0.22	8.21	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:53:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.70	3.67	7.95	4.44	71.95	ppb
Antimony	121-1	0.24	0.23	0.26	0.24	5.93	ppb
Arsenic	75-2	0.13	0.26	0.24	0.21	32.80	ppb
Barium	135-1	1.24	1.28	1.05	1.19	10.29	ppb
Barium	137-1	1.26	1.27	1.27	1.27	0.51	ppb
Beryllium	9-1	0.26	0.25	0.32	0.28	13.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	2.13	2.24	0.97	1.78	39.60	ppb
Boron	11-1	2.56	2.15	2.06	2.26	11.74	ppb
Cadmium	111-1	0.22	0.31	0.28	0.27	16.49	ppb
Cadmium	106-1	0.42	0.22	0.48	0.37	36.71	ppb
Cadmium	108-1	0.46	0.20	0.20	0.29	50.64	ppb
Calcium	43-1	20.64	-3.94	-7.96	2.91	532.09	ppb
Calcium	44-1	18.33	16.01	15.09	16.48	10.11	ppb
Chromium	52-2	0.35	0.20	0.19	0.25	35.70	ppb
Cobalt	59-2	0.32	0.26	0.28	0.29	10.36	ppb
Copper	63-2	0.43	0.55	0.53	0.51	12.49	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				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	13.11	13.58	13.22	13.30	1.84	ppb
Iron	57-2	12.86	15.87	4.95	11.23	50.23	ppb
Lead	206-1	0.27	0.28	0.23	0.26	9.46	ppb
Lead	207-1	0.26	0.26	0.24	0.25	4.54	ppb
Lead	208-1	0.25	0.27	0.24	0.25	5.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	30.58	26.85	24.01	27.15	12.15	ppb
Manganese	55-2	0.64	0.36	0.34	0.45	36.63	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:53:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.32	1.30	1.29	2.76	ppb
Molybdenum	95-1	1.19	1.16	1.19	1.18	1.71	ppb
Molybdenum	96-1	1.14	1.22	1.21	1.19	3.91	ppb
Molybdenum	97-1	1.15	1.31	1.21	1.23	6.46	ppb
Molybdenum	98-1	1.17	1.17	1.20	1.18	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.60	0.50	0.50	18.30	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	-10.23	-6.99	6.51	-3.57		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	-2.22	-2.22	12.53	2.70	315.60	ppb
Selenium	78-2	1.57	2.72	0.46	1.58	71.31	ppb
Selenium	82-1	0.81	0.70	0.54	0.68	20.36	ppb
Silicon	28-1	-23.52	-20.50	-22.09	-22.03		ppb
Silver	109-1	0.21	0.25	0.21	0.23	10.64	ppb
Silver	107-1	0.25	0.26	0.24	0.25	5.19	ppb
Sodium	23-2	56.16	42.88	43.82	47.62	15.56	ppb
Strontium	86-1	0.22	0.23	0.22	0.23	1.82	ppb
Strontium	88-1	0.23	0.24	0.21	0.23	6.39	ppb
Sulfur	34-1	-480.70	-418.16	-422.72	-440.53		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.29	0.26	0.28	0.28	6.26	ppb
Thallium	205-1	0.26	0.26	0.27	0.26	2.24	ppb
Tin	118-1	0.20	0.17	0.18	0.18	9.73	ppb
Titanium	47-1	1.17	1.29	1.34	1.27	6.88	ppb
Uranium	238-1	0.26	0.25	0.25	0.25	1.85	ppb
Vanadium	51-2	0.28	0.27	0.20	0.25	15.52	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	0.36	0.30	0.17	0.28	35.02	ppb
Zirconium	90-1	0.25	0.24	0.23	0.24	2.71	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:53:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.24	0.23	0.23	4.43	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:56:57	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	-0.49	5.77	2.97	107.20	ppb
Antimony	121-1	0.24	0.24	0.25	0.24	3.57	ppb
Arsenic	75-2	0.29	0.19	0.19	0.22	26.30	ppb
Barium	135-1	1.17	1.29	1.25	1.24	4.64	ppb
Barium	137-1	1.30	1.21	1.26	1.25	3.33	ppb
Beryllium	9-1	0.35	0.29	0.24	0.29	18.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	1.66	2.15	1.96	1.92	12.75	ppb
Boron	11-1	1.98	1.98	1.95	1.97	1.02	ppb
Cadmium	111-1	0.24	0.25	0.28	0.25	7.60	ppb
Cadmium	106-1	0.11	-0.10	0.54	0.18	177.73	ppb
Cadmium	108-1	0.31	0.31	0.31	0.31	1.22	ppb
Calcium	43-1	10.06	5.36	8.09	7.84	30.10	ppb
Calcium	44-1	17.88	17.28	19.86	18.34	7.35	ppb
Chromium	52-2	0.29	0.20	0.28	0.26	18.13	ppb
Cobalt	59-2	0.27	0.23	0.22	0.24	12.01	ppb
Copper	63-2	0.50	0.49	0.41	0.47	10.56	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				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	12.92	13.90	12.92	13.25	4.27	ppb
Iron	57-2	11.15	9.66	19.37	13.39	39.05	ppb
Lead	206-1	0.28	0.25	0.29	0.27	8.87	ppb
Lead	207-1	0.25	0.24	0.25	0.25	3.62	ppb
Lead	208-1	0.26	0.24	0.29	0.26	9.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	32.38	30.40	30.90	31.22	3.30	ppb
Manganese	55-2	0.65	0.47	0.74	0.62	22.05	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:56:57	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.32	1.21	1.28	1.27	4.45	ppb
Molybdenum	95-1	1.24	1.29	1.24	1.25	2.45	ppb
Molybdenum	96-1	1.11	1.15	1.44	1.23	14.47	ppb
Molybdenum	97-1	1.31	1.16	1.25	1.24	5.83	ppb
Molybdenum	98-1	1.17	1.17	1.25	1.20	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.26	0.21	0.30	38.45	ppb
Phosphorus	31-2	-9.58	24.02	-9.58	1.62	1198.04	ppb
Potassium	39-2	13.97	-0.20	-9.20	1.52	766.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	0.44	1.61	-0.70	0.45	255.52	ppb
Selenium	82-1	0.42	-0.22	0.75	0.32	154.96	ppb
Silicon	28-1	-20.44	-21.12	-8.23	-16.60		ppb
Silver	109-1	0.23	0.19	0.24	0.22	11.99	ppb
Silver	107-1	0.25	0.22	0.23	0.23	6.50	ppb
Sodium	23-2	54.45	50.69	52.61	52.58	3.58	ppb
Strontium	86-1	0.24	0.14	0.22	0.20	25.18	ppb
Strontium	88-1	0.23	0.24	0.26	0.24	5.71	ppb
Sulfur	34-1	-506.70	-508.87	339.19	-225.46		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.27	0.24	0.27	0.26	7.70	ppb
Thallium	205-1	0.27	0.29	0.27	0.27	4.81	ppb
Tin	118-1	0.21	0.24	0.23	0.23	5.57	ppb
Titanium	47-1	1.16	1.28	1.03	1.16	11.04	ppb
Uranium	238-1	0.24	0.23	0.25	0.24	3.25	ppb
Vanadium	51-2	0.32	0.30	0.30	0.31	3.75	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.43	0.38	0.40	0.40	6.53	ppb
Zirconium	90-1	0.22	0.24	0.23	0.23	3.47	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:56:57	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.28	0.27	0.26	13.86	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:00:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.19	17.58	10.53	10.77	62.22	ppb
Antimony	121-1	0.24	0.27	0.26	0.25	5.41	ppb
Arsenic	75-2	0.01	0.25	0.31	0.19	83.99	ppb
Barium	135-1	1.22	1.23	1.16	1.21	3.37	ppb
Barium	137-1	1.27	1.25	1.24	1.25	1.09	ppb
Beryllium	9-1	0.38	0.28	0.35	0.34	15.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	0.81	1.60	1.73	1.38	35.98	ppb
Boron	11-1	2.27	1.68	1.97	1.97	15.08	ppb
Cadmium	111-1	0.25	0.22	0.24	0.24	6.15	ppb
Cadmium	106-1	0.69	-0.74	-0.24	-0.10		ppb
Cadmium	108-1	0.48	0.14	0.23	0.28	62.06	ppb
Calcium	43-1	8.53	-0.84	-1.08	2.20	248.71	ppb
Calcium	44-1	20.10	17.96	20.18	19.42	6.48	ppb
Chromium	52-2	0.43	0.23	0.20	0.29	42.82	ppb
Cobalt	59-2	0.27	0.25	0.27	0.27	4.52	ppb
Copper	63-2	0.51	0.48	0.47	0.49	4.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	14.18	13.56	13.26	13.67	3.41	ppb
Iron	57-2	11.81	12.28	14.94	13.01	12.97	ppb
Lead	206-1	0.31	0.24	0.25	0.26	13.59	ppb
Lead	207-1	0.26	0.25	0.25	0.25	3.24	ppb
Lead	208-1	0.26	0.24	0.25	0.25	3.69	ppb
Lithium	6-1				90		%
Magnesium	24-2	31.54	35.93	25.61	31.03	16.70	ppb
Manganese	55-2	0.53	0.57	0.43	0.51	15.03	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:00:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.14	1.25	1.20	1.19	4.66	ppb
Molybdenum	95-1	1.34	1.23	1.22	1.26	4.94	ppb
Molybdenum	96-1	1.18	1.28	1.13	1.20	6.61	ppb
Molybdenum	97-1	1.16	1.13	1.12	1.14	1.93	ppb
Molybdenum	98-1	1.30	1.20	1.19	1.23	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.33	0.38	0.31	27.85	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	5.18	21.28	1.65	9.37	111.71	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	2.92	0.49	0.50	1.30	107.65	ppb
Selenium	82-1	0.68	0.91	1.12	0.90	24.68	ppb
Silicon	28-1	-9.11	-15.34	-8.31	-10.92		ppb
Silver	109-1	0.30	0.22	0.24	0.25	16.95	ppb
Silver	107-1	0.24	0.22	0.23	0.23	4.32	ppb
Sodium	23-2	64.47	58.89	61.22	61.53	4.55	ppb
Strontium	86-1	0.21	0.18	0.29	0.23	24.37	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	2.25	ppb
Sulfur	34-1	382.84	-107.84	350.27	208.42	131.64	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.30	0.26	0.25	0.27	9.66	ppb
Thallium	205-1	0.28	0.24	0.24	0.25	7.70	ppb
Tin	118-1	0.23	0.18	0.19	0.20	12.70	ppb
Titanium	47-1	1.35	1.44	1.21	1.33	8.93	ppb
Uranium	238-1	0.25	0.24	0.25	0.25	1.43	ppb
Vanadium	51-2	0.24	0.16	0.26	0.22	24.92	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	0.18	0.02	0.16	0.12	69.09	ppb
Zirconium	90-1	0.25	0.20	0.23	0.23	9.99	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:00:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.21	0.21	0.22	8.69	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:03:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.95	1.73	5.99	4.56	53.80	ppb
Antimony	121-1	0.28	0.25	0.23	0.26	10.65	ppb
Arsenic	75-2	0.22	0.27	0.17	0.22	24.41	ppb
Barium	135-1	1.36	1.20	1.24	1.26	6.58	ppb
Barium	137-1	1.30	1.17	1.30	1.26	5.56	ppb
Beryllium	9-1	0.29	0.32	0.32	0.31	5.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	2.11	2.26	1.23	1.87	29.92	ppb
Boron	11-1	1.35	1.36	1.74	1.48	15.06	ppb
Cadmium	111-1	0.20	0.27	0.26	0.24	16.48	ppb
Cadmium	106-1	-0.33	0.21	0.93	0.27	232.42	ppb
Cadmium	108-1	0.06	0.06	0.28	0.13	95.09	ppb
Calcium	43-1	16.10	-0.03	17.85	11.31	87.16	ppb
Calcium	44-1	19.00	16.15	14.93	16.69	12.51	ppb
Chromium	52-2	0.36	0.29	0.29	0.31	11.99	ppb
Cobalt	59-2	0.27	0.25	0.28	0.27	5.80	ppb
Copper	63-2	0.48	0.43	0.51	0.47	8.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	13.70	12.75	12.84	13.10	3.98	ppb
Iron	57-2	12.16	11.76	12.83	12.25	4.43	ppb
Lead	206-1	0.25	0.28	0.24	0.26	8.13	ppb
Lead	207-1	0.27	0.22	0.25	0.25	9.47	ppb
Lead	208-1	0.26	0.24	0.23	0.24	5.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	23.96	26.65	30.05	26.89	11.35	ppb
Manganese	55-2	0.57	0.53	0.55	0.55	3.29	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:03:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.28	1.12	1.21	7.19	ppb
Molybdenum	95-1	1.09	1.20	1.26	1.18	7.50	ppb
Molybdenum	96-1	1.21	1.35	1.20	1.25	6.57	ppb
Molybdenum	97-1	1.27	1.27	1.14	1.23	6.02	ppb
Molybdenum	98-1	1.20	1.24	1.19	1.21	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.32	0.18	0.24	28.03	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	22.76	9.65	-7.28	8.38	179.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	1.62	-0.70	-0.70	0.08	1776.40	ppb
Selenium	82-1	1.39	0.41	1.28	1.03	51.93	ppb
Silicon	28-1	-17.93	-18.98	-19.66	-18.86		ppb
Silver	109-1	0.21	0.22	0.22	0.22	2.67	ppb
Silver	107-1	0.24	0.23	0.19	0.22	11.27	ppb
Sodium	23-2	37.36	53.49	50.71	47.19	18.27	ppb
Strontium	86-1	0.18	0.20	0.19	0.19	6.46	ppb
Strontium	88-1	0.24	0.26	0.24	0.25	5.58	ppb
Sulfur	34-1	-335.83	-350.56	-447.95	-378.11		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.24	0.25	0.24	5.49	ppb
Thallium	205-1	0.23	0.24	0.25	0.24	4.18	ppb
Tin	118-1	0.16	0.20	0.21	0.19	12.22	ppb
Titanium	47-1	1.02	1.59	1.28	1.30	22.21	ppb
Uranium	238-1	0.25	0.22	0.23	0.23	7.15	ppb
Vanadium	51-2	0.26	0.25	0.22	0.24	9.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	0.39	0.40	0.25	0.34	23.72	ppb
Zirconium	90-1	0.24	0.21	0.20	0.22	8.49	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:03:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.20	0.23	0.21	12.31	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:07:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.21	-0.44	-2.61	2.39	287.34	ppb
Antimony	121-1	0.27	0.23	0.28	0.26	9.37	ppb
Arsenic	75-2	0.24	0.14	0.32	0.23	40.04	ppb
Barium	135-1	1.37	1.16	1.09	1.21	12.12	ppb
Barium	137-1	1.27	1.19	1.26	1.24	3.71	ppb
Beryllium	9-1	0.36	0.39	0.35	0.37	5.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	1.25	1.06	1.15	1.15	8.42	ppb
Boron	11-1	1.62	1.44	1.59	1.55	6.33	ppb
Cadmium	111-1	0.26	0.26	0.29	0.27	5.97	ppb
Cadmium	106-1	0.44	0.72	0.79	0.65	28.61	ppb
Cadmium	108-1	0.18	0.35	0.13	0.22	52.27	ppb
Calcium	43-1	3.38	-6.01	5.62	1.00	617.89	ppb
Calcium	44-1	19.06	15.27	16.82	17.05	11.16	ppb
Chromium	52-2	0.37	0.38	0.21	0.32	29.01	ppb
Cobalt	59-2	0.25	0.28	0.23	0.25	9.18	ppb
Copper	63-2	0.56	0.60	0.47	0.54	12.76	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				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	13.58	13.12	13.30	13.33	1.73	ppb
Iron	57-2	10.96	10.58	15.46	12.33	22.00	ppb
Lead	206-1	0.24	0.21	0.23	0.23	7.99	ppb
Lead	207-1	0.22	0.26	0.24	0.24	6.80	ppb
Lead	208-1	0.25	0.23	0.23	0.24	3.67	ppb
Lithium	6-1				96		%
Magnesium	24-2	29.36	33.63	24.00	29.00	16.64	ppb
Manganese	55-2	0.41	0.69	0.62	0.57	24.78	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:07:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.33	1.26	1.17	1.26	6.38	ppb
Molybdenum	95-1	1.41	1.19	1.18	1.26	10.55	ppb
Molybdenum	96-1	1.31	1.24	1.16	1.24	5.88	ppb
Molybdenum	97-1	1.23	1.18	1.38	1.26	8.32	ppb
Molybdenum	98-1	1.28	1.20	1.22	1.23	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.32	0.30	0.26	36.65	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	4.61	12.43	12.88	9.97	46.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	-0.70	1.63	0.08	1747.80	ppb
Selenium	82-1	1.05	0.21	0.36	0.54	82.86	ppb
Silicon	28-1	-11.86	-20.50	-18.88	-17.08		ppb
Silver	109-1	0.24	0.20	0.26	0.24	12.00	ppb
Silver	107-1	0.24	0.25	0.23	0.24	5.12	ppb
Sodium	23-2	42.54	65.28	44.55	50.79	24.78	ppb
Strontium	86-1	0.26	0.20	0.30	0.25	20.65	ppb
Strontium	88-1	0.28	0.21	0.23	0.24	15.74	ppb
Sulfur	34-1	121.92	-572.88	-311.47	-254.14		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.26	0.23	0.25	5.24	ppb
Thallium	205-1	0.27	0.23	0.23	0.24	8.98	ppb
Tin	118-1	0.24	0.25	0.29	0.26	10.03	ppb
Titanium	47-1	1.52	1.33	1.05	1.30	18.02	ppb
Uranium	238-1	0.24	0.24	0.26	0.25	4.13	ppb
Vanadium	51-2	0.26	0.29	0.25	0.27	6.81	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.73	0.33	0.20	0.42	65.76	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.44	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:07:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.21	0.22	0.23	7.39	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:10:33	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.45	5.99	4.05	3.19	103.48	ppb
Antimony	121-1	0.27	0.24	0.24	0.25	6.29	ppb
Arsenic	75-2	0.14	0.17	0.24	0.18	30.49	ppb
Barium	135-1	1.26	1.22	1.08	1.19	8.16	ppb
Barium	137-1	1.23	1.34	1.15	1.24	7.63	ppb
Beryllium	9-1	0.31	0.24	0.36	0.30	18.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	0.98	1.51	0.98	1.15	26.53	ppb
Boron	11-1	1.50	1.28	1.33	1.37	8.32	ppb
Cadmium	111-1	0.24	0.20	0.22	0.22	9.51	ppb
Cadmium	106-1	-0.08	-0.23	0.50	0.06	603.67	ppb
Cadmium	108-1	0.31	0.13	0.31	0.25	41.55	ppb
Calcium	43-1	10.65	-3.00	0.45	2.70	262.92	ppb
Calcium	44-1	13.77	17.72	16.74	16.08	12.80	ppb
Chromium	52-2	0.30	0.22	0.21	0.24	20.31	ppb
Cobalt	59-2	0.23	0.26	0.32	0.27	17.29	ppb
Copper	63-2	0.55	0.45	0.54	0.52	11.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	12.57	12.97	14.90	13.48	9.28	ppb
Iron	57-2	14.66	13.42	6.59	11.56	37.58	ppb
Lead	206-1	0.23	0.26	0.24	0.24	6.45	ppb
Lead	207-1	0.23	0.23	0.22	0.23	1.87	ppb
Lead	208-1	0.23	0.25	0.23	0.24	4.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	22.81	30.95	27.91	27.22	15.11	ppb
Manganese	55-2	0.51	0.31	0.30	0.37	31.71	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:10:33	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.27	1.37	1.26	1.30	5.05	ppb
Molybdenum	95-1	1.20	1.13	1.29	1.21	6.39	ppb
Molybdenum	96-1	1.18	1.24	1.16	1.19	3.74	ppb
Molybdenum	97-1	1.34	1.17	1.12	1.21	9.46	ppb
Molybdenum	98-1	1.25	1.26	1.20	1.24	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.35	0.20	0.35	43.97	ppb
Phosphorus	31-2	24.62	-9.58	60.85	25.30	139.22	ppb
Potassium	39-2	10.32	14.66	28.33	17.77	52.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	-2.22	-2.22	5.18	0.25	1730.27	ppb
Selenium	78-2	-0.70	2.82	0.47	0.86	207.84	ppb
Selenium	82-1	0.41	1.06	0.21	0.56	80.17	ppb
Silicon	28-1	-20.44	-16.96	-18.07	-18.49		ppb
Silver	109-1	0.23	0.20	0.24	0.22	10.39	ppb
Silver	107-1	0.24	0.24	0.20	0.22	11.19	ppb
Sodium	23-2	54.90	57.10	53.56	55.19	3.25	ppb
Strontium	86-1	0.20	0.32	0.23	0.25	26.67	ppb
Strontium	88-1	0.25	0.24	0.22	0.24	5.32	ppb
Sulfur	34-1	-415.67	-101.90	-335.42	-284.33		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.27	0.24	0.25	6.48	ppb
Thallium	205-1	0.25	0.25	0.24	0.25	2.88	ppb
Tin	118-1	0.20	0.19	0.18	0.19	4.71	ppb
Titanium	47-1	1.44	1.32	1.14	1.30	11.63	ppb
Uranium	238-1	0.24	0.24	0.23	0.24	2.07	ppb
Vanadium	51-2	0.24	0.33	0.22	0.26	23.14	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	0.08	0.18	-0.02	0.08	122.78	ppb
Zirconium	90-1	0.20	0.22	0.23	0.22	6.54	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:10:33	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.16	0.22	0.21	18.05	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:13:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.89	6.00	8.11	6.00	35.20	ppb
Antimony	121-1	0.24	0.26	0.23	0.24	7.15	ppb
Arsenic	75-2	0.25	0.33	0.14	0.24	40.59	ppb
Barium	135-1	1.08	1.29	1.25	1.21	9.16	ppb
Barium	137-1	1.35	1.25	1.18	1.26	6.82	ppb
Beryllium	9-1	0.28	0.23	0.27	0.26	11.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	0.98	-0.21	1.00	0.59	117.79	ppb
Boron	11-1	1.22	0.97	1.03	1.08	12.21	ppb
Cadmium	111-1	0.22	0.25	0.17	0.21	19.16	ppb
Cadmium	106-1	0.15	0.14	-0.63	-0.12		ppb
Cadmium	108-1	0.21	0.24	0.28	0.24	15.08	ppb
Calcium	43-1	9.23	-2.46	10.20	5.66	124.48	ppb
Calcium	44-1	19.16	14.53	13.46	15.72	19.28	ppb
Chromium	52-2	0.33	0.33	0.18	0.28	30.22	ppb
Cobalt	59-2	0.26	0.30	0.26	0.27	7.79	ppb
Copper	63-2	0.53	0.48	0.58	0.53	9.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	13.20	13.31	12.79	13.10	2.10	ppb
Iron	57-2	15.34	13.43	5.67	11.48	44.61	ppb
Lead	206-1	0.23	0.23	0.23	0.23	0.77	ppb
Lead	207-1	0.22	0.26	0.27	0.25	10.90	ppb
Lead	208-1	0.24	0.24	0.25	0.24	1.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	36.75	21.84	28.57	29.06	25.70	ppb
Manganese	55-2	0.62	0.46	0.61	0.56	15.76	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:13:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.13	1.28	1.16	1.19	6.43	ppb
Molybdenum	95-1	1.16	1.20	1.18	1.18	1.69	ppb
Molybdenum	96-1	1.23	1.34	1.21	1.26	5.58	ppb
Molybdenum	97-1	1.16	1.26	1.34	1.25	7.10	ppb
Molybdenum	98-1	1.15	1.28	1.24	1.22	5.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.37	0.44	0.36	23.67	ppb
Phosphorus	31-2	-9.58	24.56	24.43	13.14	149.76	ppb
Potassium	39-2	19.35	18.13	-14.31	7.72	247.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	4.02	0.46	1.26	195.15	ppb
Selenium	82-1	0.52	0.20	0.75	0.49	57.07	ppb
Silicon	28-1	-19.05	-19.63	-17.29	-18.66		ppb
Silver	109-1	0.20	0.22	0.21	0.21	5.38	ppb
Silver	107-1	0.24	0.24	0.21	0.23	8.44	ppb
Sodium	23-2	38.53	51.61	46.24	45.46	14.47	ppb
Strontium	86-1	0.16	0.22	0.15	0.18	21.18	ppb
Strontium	88-1	0.23	0.25	0.25	0.25	4.75	ppb
Sulfur	34-1	-272.72	-198.39	-300.62	-257.24		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.29	0.26	0.27	6.77	ppb
Thallium	205-1	0.25	0.26	0.26	0.25	1.77	ppb
Tin	118-1	0.20	0.20	0.21	0.20	2.47	ppb
Titanium	47-1	1.34	1.24	1.30	1.29	4.12	ppb
Uranium	238-1	0.24	0.25	0.24	0.24	1.65	ppb
Vanadium	51-2	0.25	0.18	0.28	0.24	20.96	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	0.08	0.43	0.39	0.30	63.96	ppb
Zirconium	90-1	0.24	0.23	0.22	0.23	5.04	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:13:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.19	0.21	0.21	5.60	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:17:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	-0.40	3.81	0.99	246.71	ppb
Antimony	121-1	0.24	0.23	0.23	0.23	1.47	ppb
Arsenic	75-2	0.33	0.30	0.11	0.25	47.35	ppb
Barium	135-1	1.07	1.28	1.27	1.20	9.90	ppb
Barium	137-1	1.21	1.32	1.30	1.27	4.72	ppb
Beryllium	9-1	0.13	0.29	0.32	0.25	40.70	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	0.48	0.22	0.82	0.51	58.77	ppb
Boron	11-1	1.02	1.35	0.84	1.07	24.35	ppb
Cadmium	111-1	0.21	0.24	0.17	0.20	17.52	ppb
Cadmium	106-1	-0.58	-0.08	-0.89	-0.52		ppb
Cadmium	108-1	0.32	0.21	0.36	0.30	25.76	ppb
Calcium	43-1	3.49	6.76	9.86	6.71	47.52	ppb
Calcium	44-1	18.22	15.11	18.28	17.20	10.52	ppb
Chromium	52-2	0.32	0.33	0.28	0.31	8.34	ppb
Cobalt	59-2	0.27	0.24	0.26	0.26	5.92	ppb
Copper	63-2	0.53	0.47	0.47	0.49	6.92	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	11.91	13.51	12.31	12.58	6.60	ppb
Iron	57-2	12.38	16.30	12.17	13.62	17.10	ppb
Lead	206-1	0.25	0.24	0.22	0.24	7.40	ppb
Lead	207-1	0.24	0.25	0.28	0.26	7.30	ppb
Lead	208-1	0.24	0.24	0.24	0.24	0.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	28.55	35.24	34.45	32.75	11.15	ppb
Manganese	55-2	0.51	0.54	0.39	0.48	16.22	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:17:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.12	1.20	1.31	1.21	8.01	ppb
Molybdenum	95-1	1.27	1.16	1.26	1.23	5.25	ppb
Molybdenum	96-1	1.15	1.17	1.24	1.19	3.96	ppb
Molybdenum	97-1	1.22	1.22	1.11	1.18	5.22	ppb
Molybdenum	98-1	1.20	1.22	1.16	1.20	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.26	0.17	0.26	35.67	ppb
Phosphorus	31-2	-9.58	25.43	-9.58	2.09	966.34	ppb
Potassium	39-2	7.49	28.96	0.11	12.19	123.01	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	0.46	0.47	0.08	841.24	ppb
Selenium	82-1	0.49	-0.04	1.02	0.49	108.43	ppb
Silicon	28-1	-18.51	-19.58	-20.12	-19.40		ppb
Silver	109-1	0.23	0.24	0.22	0.23	4.98	ppb
Silver	107-1	0.22	0.21	0.23	0.22	4.72	ppb
Sodium	23-2	43.50	39.33	59.30	47.38	22.23	ppb
Strontium	86-1	0.23	0.21	0.26	0.23	11.24	ppb
Strontium	88-1	0.23	0.24	0.26	0.24	5.86	ppb
Sulfur	34-1	-403.65	-380.85	-360.99	-381.83		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.25	0.23	0.24	5.90	ppb
Thallium	205-1	0.25	0.24	0.26	0.25	4.35	ppb
Tin	118-1	0.23	0.22	0.21	0.22	6.11	ppb
Titanium	47-1	1.17	1.53	1.12	1.27	17.68	ppb
Uranium	238-1	0.21	0.23	0.26	0.24	9.37	ppb
Vanadium	51-2	0.20	0.23	0.20	0.21	8.43	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	0.15	0.34	0.18	0.22	46.04	ppb
Zirconium	90-1	0.24	0.24	0.25	0.24	1.71	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:17:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.21	0.23	0.23	13.82	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:20:44	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48990.75	46956.96	48903.62	48283.78	2.38	ppb
Antimony	121-1	494.72	499.37	504.44	499.51	0.97	ppb
Arsenic	75-2	488.38	480.49	481.47	483.45	0.89	ppb
Barium	135-1	2475.28	2505.36	2497.06	2492.57	0.62	ppb
Barium	137-1	2465.30	2501.88	2505.11	2490.76	0.89	ppb
Beryllium	9-1	516.73	507.65	508.04	510.80	1.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	492.93	490.66	508.69	497.42	1.97	ppb
Boron	11-1	489.54	487.61	499.74	492.29	1.32	ppb
Cadmium	111-1	474.96	478.02	478.89	477.29	0.43	ppb
Cadmium	106-1	475.73	478.31	473.39	475.81	0.52	ppb
Cadmium	108-1	471.23	479.13	480.18	476.85	1.03	ppb
Calcium	43-1	234579.93	237495.50	239188.65	237088.03	0.98	ppb
Calcium	44-1	231745.83	235452.10	235371.52	234189.82	0.90	ppb
Chromium	52-2	487.10	472.71	494.91	484.91	2.32	ppb
Cobalt	59-2	470.86	452.04	474.31	465.74	2.57	ppb
Copper	63-2	915.01	878.60	918.51	904.04	2.44	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				103		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	117808.61	112971.58	119043.73	116607.97	2.75	ppb
Iron	57-2	115250.09	111365.18	116534.40	114383.22	2.35	ppb
Lead	206-1	502.37	511.19	504.22	505.92	0.92	ppb
Lead	207-1	497.14	498.50	502.53	499.39	0.56	ppb
Lead	208-1	500.74	502.87	504.00	502.54	0.33	ppb
Lithium	6-1				93		%
Magnesium	24-2	241621.85	233653.27	244471.50	239915.54	2.34	ppb
Manganese	55-2	968.09	932.91	970.88	957.29	2.21	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:20:44	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2443.26	2484.14	2479.52	2468.97	0.91	ppb
Molybdenum	95-1	2436.26	2435.00	2471.57	2447.61	0.85	ppb
Molybdenum	96-1	2429.59	2451.27	2447.13	2442.66	0.47	ppb
Molybdenum	97-1	2434.26	2478.78	2461.94	2458.33	0.91	ppb
Molybdenum	98-1	2442.06	2443.04	2448.52	2444.54	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.68	452.43	474.36	465.49	2.48	ppb
Phosphorus	31-2	9932.12	10488.96	9780.90	10067.33	3.70	ppb
Potassium	39-2	119480.39	116747.60	122218.46	119482.15	2.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	463.01	551.99	553.12	522.71	9.89	ppb
Selenium	78-2	459.27	502.58	476.82	479.55	4.54	ppb
Selenium	82-1	477.70	482.69	491.48	483.96	1.44	ppb
Silicon	28-1	549.40	574.17	564.88	562.82	2.22	ppb
Silver	109-1	482.11	487.12	490.48	486.57	0.87	ppb
Silver	107-1	482.87	487.25	490.12	486.74	0.75	ppb
Sodium	23-2	242229.25	232109.62	242105.37	238814.75	2.43	ppb
Strontium	86-1	492.93	493.67	497.33	494.64	0.48	ppb
Strontium	88-1	501.08	502.94	501.92	501.98	0.19	ppb
Sulfur	34-1	11502.85	11633.62	11583.77	11573.41	0.57	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	499.02	503.54	503.96	502.17	0.55	ppb
Thallium	205-1	493.22	501.16	501.60	498.66	0.95	ppb
Tin	118-1	490.94	489.05	492.12	490.70	0.32	ppb
Titanium	47-1	2470.38	2450.05	2507.31	2475.91	1.17	ppb
Uranium	238-1	500.37	505.16	509.92	505.15	0.95	ppb
Vanadium	51-2	479.93	465.38	485.13	476.81	2.15	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	928.05	891.40	927.13	915.53	2.28	ppb
Zirconium	90-1	490.21	497.38	496.71	494.77	0.80	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:20:44	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.86	492.08	488.15	488.03	0.84	ppb

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : CCB072 Instrumnet Name : P8
 Client Sample ID : CCB072 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 17:23:58 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	1.56	-2.61	-0.55		ppb
Antimony	121-1	0.28	0.31	0.29	0.29	5.10	ppb
Arsenic	75-2	0.08	0.03	-0.05	0.02	328.42	ppb
Barium	135-1	0.05	0.04	0.03	0.04	20.30	ppb
Barium	137-1	0.01	0.01	0.00	0.01	64.52	ppb
Beryllium	9-1	0.24	0.15	0.23	0.20	24.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	11.51	12.65	12.01	12.06	4.73	ppb
Boron	11-1	12.70	12.02	12.17	12.30	2.90	ppb
Cadmium	111-1	0.05	0.03	-0.01	0.02	146.59	ppb
Cadmium	106-1	0.49	0.04	-0.50	0.01	6941.85	ppb
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Calcium	43-1	-15.87	-18.47	-21.96	-18.77		ppb
Calcium	44-1	-8.14	-6.58	-7.17	-7.30		ppb
Chromium	52-2	-0.03	-0.07	0.01	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.03	0.01	0.05	0.03	80.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	2.08	2.20	1.68	1.98	13.68	ppb
Iron	57-2	3.47	1.96	1.91	2.45	36.15	ppb
Lead	206-1	0.07	0.07	0.05	0.06	14.44	ppb
Lead	207-1	0.09	0.07	0.10	0.09	13.87	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	-1.38	7.21	0.49	2.11	214.24	ppb
Manganese	55-2	0.10	0.15	0.08	0.11	30.27	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:23:58	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.15	0.12	0.15	23.61	ppb
Molybdenum	95-1	0.10	0.14	0.10	0.11	18.34	ppb
Molybdenum	96-1	0.11	0.11	0.14	0.12	11.29	ppb
Molybdenum	97-1	0.16	0.09	0.09	0.11	33.90	ppb
Molybdenum	98-1	0.11	0.10	0.10	0.10	9.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.06	0.11	0.02	512.27	ppb
Phosphorus	31-2	-9.58	-9.58	-9.58	-9.58		ppb
Potassium	39-2	-26.92	-11.72	21.02	-5.88		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.70	-0.70	-0.70	-0.70		ppb
Selenium	82-1	0.27	0.27	0.52	0.36	40.20	ppb
Silicon	28-1	-18.55	-21.97	-21.96	-20.83		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.35	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.11	ppb
Sodium	23-2	38.44	44.75	43.73	42.31	8.00	ppb
Strontium	86-1	-0.01	0.02	0.00	0.00	399.60	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-732.95	-857.93	-872.70	-821.20		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.13	0.12	0.12	10.01	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	2.76	ppb
Tin	118-1	0.07	0.05	0.08	0.07	24.19	ppb
Titanium	47-1	0.13	-0.01	-0.01	0.04	217.22	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	21.45	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	-0.06	-0.21	-0.28	-0.18		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	16.74	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:23:58	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.03	0.03	6.30	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	J1666-01A	Instrumnet Name :	P8
Client Sample ID :	MH0QT1A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:37:02	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19267.97	18319.01	21010.33	19532.44	6.99	ppb
Antimony	121-1	2.02	2.05	2.15	2.07	3.17	ppb
Arsenic	75-2	33.96	34.49	38.29	35.58	6.64	ppb
Barium	135-1	558.19	549.19	560.13	555.84	1.05	ppb
Barium	137-1	576.34	565.49	576.61	572.81	1.11	ppb
Beryllium	9-1	1.83	1.71	2.04	1.86	9.16	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	16.05	18.13	16.49	16.89	6.50	ppb
Boron	11-1	17.42	17.73	18.61	17.92	3.43	ppb
Cadmium	111-1	11.75	11.51	11.54	11.60	1.12	ppb
Cadmium	106-1	10.89	9.84	10.69	10.47	5.32	ppb
Cadmium	108-1	11.06	10.82	10.63	10.84	1.98	ppb
Calcium	43-1	77145.60	78531.72	80541.24	78739.52	2.17	ppb
Calcium	44-1	76362.77	76328.68	77945.09	76878.85	1.20	ppb
Chromium	52-2	32.02	30.93	36.29	33.08	8.57	ppb
Cobalt	59-2	17.44	16.82	20.07	18.11	9.51	ppb
Copper	63-2	441.49	426.01	509.91	459.14	9.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	40215.23	38967.12	45833.41	41671.92	8.78	ppb
Iron	57-2	39182.80	37998.92	45050.77	40744.16	9.27	ppb
Lead	206-1	1041.02	1049.15	1056.54	1048.91	0.74	ppb
Lead	207-1	974.57	988.60	991.61	984.93	0.92	ppb
Lead	208-1	1009.71	1015.81	1023.10	1016.21	0.66	ppb
Lithium	6-1				106		%
Magnesium	24-2	10581.32	10176.83	12158.70	10972.28	9.54	ppb
Manganese	55-2	1109.86	1082.35	1271.96	1154.72	8.87	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	J1666-01A	Instrumnet Name :	P8
Client Sample ID :	MH0QT1A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:37:02	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.03	3.94	3.85	3.94	2.18	ppb
Molybdenum	95-1	2.34	2.29	2.33	2.32	1.20	ppb
Molybdenum	96-1	2.58	2.62	2.66	2.62	1.41	ppb
Molybdenum	97-1	2.21	2.38	2.29	2.29	3.88	ppb
Molybdenum	98-1	2.36	2.34	2.29	2.33	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.74	92.03	109.98	98.92	9.78	ppb
Phosphorus	31-2	4538.68	4317.31	4663.57	4506.52	3.89	ppb
Potassium	39-2	5319.55	5016.18	6126.74	5487.49	10.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	115.15	112.08	152.70	126.64	17.86	ppb
Selenium	78-2	14.07	17.28	18.37	16.57	13.49	ppb
Selenium	82-1	1.20	1.71	1.77	1.56	19.95	ppb
Silicon	28-1	2907.66	2896.37	2948.43	2917.49	0.94	ppb
Silver	109-1	2.31	2.24	2.27	2.27	1.51	ppb
Silver	107-1	2.30	2.30	2.31	2.30	0.24	ppb
Sodium	23-2	344.99	351.77	440.43	379.06	14.05	ppb
Strontium	86-1	192.71	191.65	195.16	193.17	0.93	ppb
Strontium	88-1	199.31	200.77	200.38	200.15	0.38	ppb
Sulfur	34-1	-1095.40	-966.38	-880.16	-980.65		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.80	0.86	0.92	0.86	7.15	ppb
Thallium	205-1	0.87	0.90	0.91	0.89	2.12	ppb
Tin	118-1	11.83	12.03	11.98	11.95	0.87	ppb
Titanium	47-1	213.58	211.93	216.19	213.90	1.00	ppb
Uranium	238-1	2.90	2.89	2.91	2.90	0.42	ppb
Vanadium	51-2	82.86	80.44	93.95	85.75	8.40	ppb
Yttrium	89-1				125		%
Yttrium	89-2				110		%
Zinc	66-2	957.58	932.73	1113.69	1001.33	9.80	ppb
Zirconium	90-1	1.56	1.50	1.57	1.54	2.43	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	J1666-01A	Instrumnet Name :	P8
Client Sample ID :	MH0QT1A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:37:02	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.51	1.42	1.54	1.49	4.05	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:43:24	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47326.61	48340.03	48637.84	48101.49	1.43	ppb
Antimony	121-1	502.25	501.01	497.66	500.31	0.48	ppb
Arsenic	75-2	479.13	481.08	482.10	480.77	0.31	ppb
Barium	135-1	2516.88	2508.41	2493.55	2506.28	0.47	ppb
Barium	137-1	2488.24	2518.00	2477.63	2494.62	0.84	ppb
Beryllium	9-1	508.85	509.40	508.34	508.86	0.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	474.76	492.56	497.25	488.19	2.43	ppb
Boron	11-1	479.83	496.97	509.12	495.31	2.97	ppb
Cadmium	111-1	480.42	481.42	473.99	478.61	0.84	ppb
Cadmium	106-1	481.85	487.40	472.77	480.67	1.54	ppb
Cadmium	108-1	484.22	483.79	474.85	480.95	1.10	ppb
Calcium	43-1	237880.24	238092.41	236967.70	237646.78	0.25	ppb
Calcium	44-1	234930.16	236968.43	233878.57	235259.05	0.67	ppb
Chromium	52-2	487.34	489.26	492.87	489.83	0.57	ppb
Cobalt	59-2	465.94	472.52	471.11	469.85	0.74	ppb
Copper	63-2	933.62	941.36	951.08	942.02	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				107		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	117627.94	118673.34	119810.77	118704.02	0.92	ppb
Iron	57-2	115198.26	116834.85	117226.07	116419.73	0.92	ppb
Lead	206-1	506.23	505.10	504.89	505.41	0.14	ppb
Lead	207-1	495.87	506.19	497.64	499.90	1.10	ppb
Lead	208-1	500.43	506.22	499.28	501.98	0.74	ppb
Lithium	6-1				95		%
Magnesium	24-2	238615.27	241797.57	243166.10	241192.98	0.97	ppb
Manganese	55-2	967.14	983.52	971.60	974.08	0.87	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:43:24	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2500.64	2479.45	2505.73	2495.27	0.56	ppb
Molybdenum	95-1	2485.72	2461.36	2501.37	2482.82	0.81	ppb
Molybdenum	96-1	2506.60	2446.06	2456.92	2469.86	1.31	ppb
Molybdenum	97-1	2485.79	2443.47	2495.28	2474.85	1.11	ppb
Molybdenum	98-1	2483.94	2470.91	2472.27	2475.71	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.01	474.56	474.67	471.41	1.18	ppb
Phosphorus	31-2	9076.78	10635.75	10301.72	10004.75	8.20	ppb
Potassium	39-2	122971.90	122443.02	123663.77	123026.23	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	452.97	492.08	459.10	468.05	4.49	ppb
Selenium	78-2	507.20	515.37	480.46	501.01	3.65	ppb
Selenium	82-1	485.79	487.19	491.48	488.15	0.61	ppb
Silicon	28-1	550.85	565.00	561.34	559.07	1.31	ppb
Silver	109-1	489.91	485.91	480.14	485.32	1.01	ppb
Silver	107-1	492.94	488.10	483.09	488.04	1.01	ppb
Sodium	23-2	239125.83	241182.57	244285.60	241531.34	1.08	ppb
Strontium	86-1	500.63	491.40	500.54	497.53	1.07	ppb
Strontium	88-1	506.24	504.96	510.19	507.13	0.54	ppb
Sulfur	34-1	11553.76	11650.72	11412.19	11538.89	1.04	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	501.81	506.98	507.17	505.32	0.60	ppb
Thallium	205-1	496.56	503.44	499.46	499.82	0.69	ppb
Tin	118-1	495.32	497.79	487.76	493.63	1.06	ppb
Titanium	47-1	2490.66	2507.38	2464.98	2487.67	0.86	ppb
Uranium	238-1	499.96	505.68	500.79	502.15	0.62	ppb
Vanadium	51-2	480.49	485.16	485.22	483.62	0.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	913.20	936.30	934.31	927.94	1.38	ppb
Zirconium	90-1	501.61	495.53	501.53	499.56	0.70	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:43:24	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.04	486.14	490.54	489.91	0.71	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:46:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	-0.34	3.94	1.02	247.26	ppb
Antimony	121-1	0.25	0.32	0.34	0.30	16.44	ppb
Arsenic	75-2	0.03	-0.02	-0.07	-0.02		ppb
Barium	135-1	0.01	0.03	0.03	0.02	42.29	ppb
Barium	137-1	0.01	0.02	0.00	0.01	81.06	ppb
Beryllium	9-1	0.24	0.31	0.20	0.25	22.33	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	16.44	14.50	13.97	14.97	8.67	ppb
Boron	11-1	13.64	13.07	11.61	12.77	8.21	ppb
Cadmium	111-1	0.04	-0.03	0.00	0.00	1423.08	ppb
Cadmium	106-1	0.29	-0.54	-0.58	-0.28		ppb
Cadmium	108-1	-0.02	0.12	-0.05	0.02	510.16	ppb
Calcium	43-1	-17.50	-20.61	-18.25	-18.78		ppb
Calcium	44-1	-6.91	-7.45	-7.83	-7.40		ppb
Chromium	52-2	0.00	0.01	-0.05	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.01	0.10	0.05	87.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	2.50	2.81	2.30	2.54	10.23	ppb
Iron	57-2	2.53	1.79	0.40	1.58	68.55	ppb
Lead	206-1	0.12	0.15	0.14	0.13	12.14	ppb
Lead	207-1	0.13	0.12	0.14	0.13	6.86	ppb
Lead	208-1	0.12	0.12	0.12	0.12	2.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.21	6.96	2.30	4.16	59.46	ppb
Manganese	55-2	0.02	0.05	0.11	0.06	75.39	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:46:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.11	0.12	0.14	34.62	ppb
Molybdenum	95-1	0.09	0.07	0.10	0.09	18.57	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	6.55	ppb
Molybdenum	97-1	0.11	0.07	0.13	0.10	28.45	ppb
Molybdenum	98-1	0.12	0.13	0.10	0.11	12.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.05	0.07	0.03	161.88	ppb
Phosphorus	31-2	23.42	-9.58	-9.58	1.42	1341.76	ppb
Potassium	39-2	3.00	17.17	-6.26	4.64	254.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	4.85	5.45	-2.22	2.70	158.26	ppb
Selenium	78-2	-0.70	0.51	4.02	1.28	191.98	ppb
Selenium	82-1	0.16	-0.07	-0.15	-0.02		ppb
Silicon	28-1	-22.54	-24.96	-24.37	-23.96		ppb
Silver	109-1	0.03	0.04	0.04	0.04	11.55	ppb
Silver	107-1	0.03	0.04	0.05	0.04	15.45	ppb
Sodium	23-2	59.07	81.16	58.35	66.19	19.59	ppb
Strontium	86-1	0.00	-0.02	-0.03	-0.02		ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-959.24	-1037.05	-945.00	-980.43		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.14	0.14	0.16	23.29	ppb
Thallium	205-1	0.21	0.18	0.18	0.19	8.27	ppb
Tin	118-1	0.11	0.10	0.06	0.09	33.16	ppb
Titanium	47-1	0.02	0.04	0.09	0.05	62.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.09	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	-0.31	-0.19	-0.17	-0.22		ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	28.45	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:46:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.02	0.03	29.31	ppb

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:40:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	0	11	114.58	cps
Antimony	121-1	25	42	75	47	53.91	cps
Arsenic	75-2	6	6	6	6	0.00	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	72	50	117	80	42.63	cps
Bismuth	209-1	3767215	3801663	3782987	3783955	0.46	cps
Bismuth	209-2	864147	935965	940732	913615	4.70	cps
Boron	10-1	142	158	100	133	22.53	cps
Boron	11-1	508	467	517	497	5.39	cps
Cadmium	111-1	505	529	685	573	17.01	cps
Cadmium	106-1	708	758	958	808	16.37	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	1083	883	875	947	12.45	cps
Calcium	44-1	12948	12148	12773	12623	3.33	cps
Chromium	52-2	290	307	327	308	5.97	cps
Cobalt	59-2	60	50	27	46	37.54	cps
Copper	63-2	90	133	123	116	19.64	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	5649636	5660334	5688350	5666106	0.35	cps
Holmium	165-2	1054206	1140717	1154153	1116359	4.86	cps
Indium	115-1	4606190	4617207	4594824	4606074	0.24	cps
Indium	115-2	175717	191284	193189	186730	5.13	cps
Iron	56-2	1033	1095	922	1017	8.59	cps
Iron	57-2	11	44	50	35	59.78	cps
Lead	206-1	311	317	306	311	1.79	cps
Lead	207-1	189	278	200	222	21.79	cps
Lead	208-1	1150	1239	1167	1185	3.99	cps
Lithium	6-1	803669	811569	808889	808042	0.50	cps
Magnesium	24-2	133	167	108	136	21.50	cps
Manganese	55-2	7	17	10	11	45.82	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:40:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	83	108	142	111	26.34	cps
Molybdenum	95-1	92	50	117	86	39.11	cps
Molybdenum	96-1	58	58	83	67	21.65	cps
Molybdenum	97-1	58	50	83	64	27.15	cps
Molybdenum	98-1	67	83	67	72	13.33	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	380	360	340	360	5.56	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2042	1867	2234	2047	8.96	cps
Rhodium	103-1	4301349	4337243	4307292	4315294	0.45	cps
Rhodium	103-2	1002832	1086005	1098060	1062299	4.88	cps
Scandium	45-1	2499071	2535230	2524201	2519501	0.74	cps
Scandium	45-2	17127	18990	18796	18304	5.59	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-76	39	-37	-24	-239.17	cps
Silicon	28-1	369883	369130	368340	369118	0.21	cps
Silver	109-1	67	42	33	47	36.74	cps
Silver	107-1	33	8	58	33	75.02	cps
Sodium	23-2	6285	5860	6585	6243	5.84	cps
Strontium	86-1	500	417	525	481	11.80	cps
Strontium	88-1	242	233	208	228	7.62	cps
Sulfur	34-1	348979	349749	348473	349067	0.18	cps
Terbium	159-1	5873389	5855056	5833072	5853839	0.34	cps
Terbium	159-2	1010955	1110927	1110082	1077322	5.34	cps
Thallium	203-1	150	142	133	142	5.88	cps
Thallium	205-1	258	192	267	239	17.21	cps
Tin	118-1	833	800	775	803	3.65	cps
Titanium	47-1	92	50	108	83	36.06	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	20	3	7	10	88.20	cps
Yttrium	89-1	4841140	4863366	4841500	4848669	0.26	cps
Yttrium	89-2	129896	141056	142342	137765	4.97	cps
Zinc	66-2	53	67	27	49	41.66	cps
Zirconium	90-1	325	217	367	303	25.57	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:40:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	58	67	64	7.53	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:47:32	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	117	33	78	53.93	cps
Antimony	121-1	14025	13824	13157	13669	3.32	cps
Arsenic	75-2	67	74	85	75	12.38	cps
Barium	135-1	14242	14525	14559	14442	1.21	cps
Barium	137-1	25442	25325	23989	24919	3.24	cps
Beryllium	9-1	889	1122	900	970	13.56	cps
Bismuth	209-1	3793244	3782820	3583789	3719951	3.17	cps
Bismuth	209-2	933127	944147	938519	938597	0.59	cps
Boron	10-1	2442	2225	2450	2373	5.38	cps
Boron	11-1	10479	10830	11288	10866	3.73	cps
Cadmium	111-1	2284	2187	2224	2232	2.21	cps
Cadmium	106-1	1208	1158	1067	1145	6.28	cps
Cadmium	108-1	142	100	117	119	17.56	cps
Calcium	43-1	8420	8478	8144	8347	2.13	cps
Calcium	44-1	131942	131193	130159	131098	0.68	cps
Chromium	52-2	1533	1647	1597	1592	3.57	cps
Cobalt	59-2	1330	1337	1397	1355	2.71	cps
Copper	63-2	2337	2337	2384	2352	1.15	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	33	25	0	19	89.21	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	5611567	5599705	5312403	5507892	3.08	cps
Holmium	165-2	1155378	1157365	1150941	1154562	0.28	cps
Indium	115-1	4616136	4580558	4342182	4512959	3.30	cps
Indium	115-2	190607	192401	193513	192174	0.76	cps
Iron	56-2	20799	21717	21350	21289	2.17	cps
Iron	57-2	528	511	556	532	4.22	cps
Lead	206-1	5251	5185	5674	5370	4.94	cps
Lead	207-1	4873	5162	4762	4933	4.19	cps
Lead	208-1	22336	22375	21969	22227	1.01	cps
Lithium	6-1	809475	805889	767678	794347	2.92	cps
Magnesium	24-2	9887	9887	10087	9954	1.16	cps
Manganese	55-2	227	237	237	233	2.47	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:47:32	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12206	11705	11397	11770	3.47	cps
Molybdenum	95-1	14759	14383	14667	14603	1.34	cps
Molybdenum	96-1	16494	16652	16652	16600	0.55	cps
Molybdenum	97-1	9404	8812	8536	8917	4.97	cps
Molybdenum	98-1	22561	23137	22995	22898	1.31	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	647	730	847	741	13.56	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	7269	8019	7652	7647	4.91	cps
Rhodium	103-1	4314676	4295253	4093707	4234545	2.89	cps
Rhodium	103-2	1090268	1097533	1090077	1092626	0.39	cps
Scandium	45-1	2572797	2540226	2415067	2509363	3.32	cps
Scandium	45-2	19177	19040	18940	19052	0.62	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	4	11	11	9	49.52	cps
Selenium	82-1	528	458	435	474	10.19	cps
Silicon	28-1	421753	417032	418745	419177	0.57	cps
Silver	109-1	7511	6710	7294	7172	5.77	cps
Silver	107-1	7502	7060	7502	7355	3.47	cps
Sodium	23-2	29390	29323	28864	29192	0.98	cps
Strontium	86-1	2550	2467	2359	2459	3.91	cps
Strontium	88-1	17245	17946	17420	17537	2.08	cps
Sulfur	34-1	352355	348715	351971	351014	0.57	cps
Terbium	159-1	5864443	5724990	5461940	5683791	3.60	cps
Terbium	159-2	1112066	1121060	1113889	1115672	0.43	cps
Thallium	203-1	5660	5693	5326	5560	3.65	cps
Thallium	205-1	13466	13358	13116	13313	1.35	cps
Tin	118-1	24515	24932	24957	24802	1.00	cps
Titanium	47-1	3701	3726	3751	3726	0.67	cps
Uranium	238-1	17171	18231	17647	17683	3.00	cps
Vanadium	51-2	2134	2064	2147	2115	2.12	cps
Yttrium	89-1	4943451	4903475	4621227	4822718	3.64	cps
Yttrium	89-2	143303	142982	142682	142989	0.22	cps
Zinc	66-2	323	393	313	343	12.70	cps
Zirconium	90-1	10663	10413	10288	10454	1.83	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:47:32	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2359	2217	2150	2242	4.75	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:51:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4426	4543	4518	4495	1.37	cps
Antimony	121-1	391387	387544	390562	389831	0.52	cps
Arsenic	75-2	4232	4127	4230	4196	1.44	cps
Barium	135-1	417428	416735	413459	415874	0.51	cps
Barium	137-1	731623	729415	728240	729759	0.24	cps
Beryllium	9-1	47245	47763	47050	47352	0.78	cps
Bismuth	209-1	3930243	3881165	3940488	3917299	0.81	cps
Bismuth	209-2	929290	969529	965168	954662	2.31	cps
Boron	10-1	6627	6527	6368	6507	2.00	cps
Boron	11-1	29823	30191	30024	30013	0.61	cps
Cadmium	111-1	85032	85186	84782	85000	0.24	cps
Cadmium	106-1	9896	9712	9220	9609	3.64	cps
Cadmium	108-1	6102	6193	6260	6185	1.29	cps
Calcium	43-1	82870	83590	84764	83741	1.14	cps
Calcium	44-1	1387229	1392777	1407258	1395755	0.74	cps
Chromium	52-2	31616	32190	31338	31715	1.37	cps
Cobalt	59-2	71459	70296	71103	70953	0.84	cps
Copper	63-2	125776	125382	123704	124954	0.88	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	25	50	67	47	44.41	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	5849474	5812776	5765219	5809156	0.73	cps
Holmium	165-2	1149565	1195413	1180665	1175215	1.99	cps
Indium	115-1	4725486	4727246	4731299	4728010	0.06	cps
Indium	115-2	188257	196151	193895	192768	2.11	cps
Iron	56-2	1089748	1088890	1075484	1084708	0.74	cps
Iron	57-2	27294	27750	27227	27424	1.04	cps
Lead	206-1	252732	255016	253553	253767	0.46	cps
Lead	207-1	230699	230366	231394	230819	0.23	cps
Lead	208-1	1034945	1033304	1036101	1034783	0.14	cps
Lithium	6-1	830520	830546	829647	830238	0.06	cps
Magnesium	24-2	111249	110854	109721	110608	0.72	cps
Manganese	55-2	19227	18679	18029	18645	3.22	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:51:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	689065	694106	694673	692615	0.45	cps
Molybdenum	95-1	853302	869059	864047	862136	0.93	cps
Molybdenum	96-1	964794	964438	964061	964431	0.04	cps
Molybdenum	97-1	534965	534932	536597	535498	0.18	cps
Molybdenum	98-1	1382814	1396132	1380692	1386546	0.60	cps
Neodymium	150-1	33	60	27	40	44.09	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	21296	21457	21637	21463	0.79	cps
Phosphorus	31-2	325	283	317	308	7.15	cps
Potassium	39-2	33048	33207	32998	33084	0.33	cps
Rhodium	103-1	4434634	4430993	4398349	4421325	0.45	cps
Rhodium	103-2	1067408	1118299	1114652	1100120	2.58	cps
Scandium	45-1	2595269	2618373	2591791	2601811	0.56	cps
Scandium	45-2	19077	19193	19013	19094	0.48	cps
Selenium	77-2	17	30	33	27	33.06	cps
Selenium	78-2	104	93	89	95	8.11	cps
Selenium	82-1	5374	5467	5249	5363	2.04	cps
Silicon	28-1	563270	560229	554657	559385	0.78	cps
Silver	109-1	396640	395845	397633	396706	0.23	cps
Silver	107-1	416384	413942	410193	413506	0.75	cps
Sodium	23-2	261949	260603	256556	259703	1.08	cps
Strontium	86-1	107362	108504	106966	107611	0.74	cps
Strontium	88-1	933632	919776	919558	924322	0.87	cps
Sulfur	34-1	399899	401636	395065	398866	0.85	cps
Terbium	159-1	6049175	5956678	5997976	6001276	0.77	cps
Terbium	159-2	1105411	1147464	1142379	1131751	2.03	cps
Thallium	203-1	311589	307979	306464	308677	0.85	cps
Thallium	205-1	742117	738492	730322	736977	0.82	cps
Tin	118-1	314170	313778	314179	314043	0.07	cps
Titanium	47-1	213630	207669	205835	209045	1.95	cps
Uranium	238-1	1003837	991028	1010422	1001762	0.98	cps
Vanadium	51-2	23934	24305	23640	23960	1.39	cps
Yttrium	89-1	5033032	5029173	5079440	5047215	0.55	cps
Yttrium	89-2	137822	145983	145209	143005	3.15	cps
Zinc	66-2	10734	11065	11371	11057	2.88	cps
Zirconium	90-1	566069	562228	565306	564534	0.36	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:51:18	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125895	125793	123447	125045	1.11	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 14:55:04 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10688	10638	10563	10629	0.59	cps
Antimony	121-1	969304	970903	963023	967743	0.43	cps
Arsenic	75-2	9765	9681	9379	9608	2.11	cps
Barium	135-1	1028297	1042392	1036751	1035813	0.68	cps
Barium	137-1	1820368	1825127	1809076	1818190	0.45	cps
Beryllium	9-1	114972	111171	110986	112376	2.00	cps
Bismuth	209-1	3763791	3934118	3919201	3872370	2.44	cps
Bismuth	209-2	956952	959179	960442	958858	0.18	cps
Boron	10-1	12422	12398	13115	12645	3.22	cps
Boron	11-1	60319	60168	61691	60726	1.38	cps
Cadmium	111-1	208999	208524	208923	208815	0.12	cps
Cadmium	106-1	22136	22403	22136	22225	0.69	cps
Cadmium	108-1	15296	14984	14896	15059	1.40	cps
Calcium	43-1	197926	197232	195762	196973	0.56	cps
Calcium	44-1	3271070	3330642	3240565	3280759	1.40	cps
Chromium	52-2	75191	74302	72956	74149	1.52	cps
Cobalt	59-2	167530	168849	167831	168070	0.41	cps
Copper	63-2	298270	296987	290880	295379	1.34	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	33	33	31	15.75	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	5579793	5829043	5851148	5753328	2.62	cps
Holmium	165-2	1185770	1179220	1190069	1185020	0.46	cps
Indium	115-1	4582950	4657540	4706333	4648941	1.34	cps
Indium	115-2	191541	190161	190577	190760	0.37	cps
Iron	56-2	2607403	2614010	2550105	2590506	1.36	cps
Iron	57-2	64426	64377	63801	64201	0.54	cps
Lead	206-1	630416	633610	631480	631835	0.26	cps
Lead	207-1	573564	574093	571159	572939	0.27	cps
Lead	208-1	2586551	2583581	2574634	2581589	0.24	cps
Lithium	6-1	787316	809610	808303	801743	1.56	cps
Magnesium	24-2	261173	261153	258551	260292	0.58	cps
Manganese	55-2	43501	44009	42826	43445	1.37	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:55:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1677745	1679227	1659379	1672117	0.66	cps
Molybdenum	95-1	2053198	2045218	2067615	2055344	0.55	cps
Molybdenum	96-1	2321009	2302659	2290506	2304725	0.67	cps
Molybdenum	97-1	1256075	1250644	1245890	1250870	0.41	cps
Molybdenum	98-1	3288716	3296787	3295509	3293671	0.13	cps
Neodymium	150-1	80	40	47	56	38.57	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	49307	50143	49334	49595	0.96	cps
Phosphorus	31-2	775	792	783	783	1.06	cps
Potassium	39-2	75202	74933	73668	74601	1.10	cps
Rhodium	103-1	4220407	4371040	4361535	4317661	1.95	cps
Rhodium	103-2	1091221	1080421	1081778	1084473	0.54	cps
Scandium	45-1	2453013	2541764	2547403	2514060	2.11	cps
Scandium	45-2	18549	18058	17655	18087	2.48	cps
Selenium	77-2	87	57	63	69	22.87	cps
Selenium	78-2	228	198	263	230	14.13	cps
Selenium	82-1	12703	12897	12721	12773	0.84	cps
Silicon	28-1	777263	779264	770381	775636	0.60	cps
Silver	109-1	976231	973757	972319	974102	0.20	cps
Silver	107-1	1020090	1018442	1020026	1019519	0.09	cps
Sodium	23-2	609648	602652	604682	605661	0.59	cps
Strontium	86-1	260546	263922	260882	261783	0.71	cps
Strontium	88-1	2287615	2303299	2293840	2294918	0.34	cps
Sulfur	34-1	450415	450438	448182	449678	0.29	cps
Terbium	159-1	5793688	6004886	6031427	5943333	2.19	cps
Terbium	159-2	1136020	1140530	1132326	1136292	0.36	cps
Thallium	203-1	772152	772580	779106	774613	0.50	cps
Thallium	205-1	1865793	1864579	1893443	1874605	0.87	cps
Tin	118-1	677007	677646	673199	675951	0.36	cps
Titanium	47-1	497747	495266	496161	496391	0.25	cps
Uranium	238-1	2585986	2633567	2534661	2584738	1.91	cps
Vanadium	51-2	56497	55694	55486	55892	0.96	cps
Yttrium	89-1	4842264	4973740	4985920	4933975	1.61	cps
Yttrium	89-2	140527	139655	139854	140012	0.33	cps
Zinc	66-2	26819	26395	26846	26687	0.95	cps
Zirconium	90-1	1385118	1384652	1372466	1380745	0.52	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:55:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	305968	303397	306225	305197	0.51	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:58:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20541	20065	21091	20566	2.50	cps
Antimony	121-1	1979090	1963235	1965917	1969414	0.43	cps
Arsenic	75-2	18666	18700	18483	18616	0.63	cps
Barium	135-1	2096875	2094879	2094316	2095357	0.06	cps
Barium	137-1	3664956	3619839	3597114	3627303	0.95	cps
Beryllium	9-1	215089	217432	216690	216404	0.55	cps
Bismuth	209-1	4023738	3996781	3986678	4002399	0.48	cps
Bismuth	209-2	958250	953546	952509	954768	0.32	cps
Boron	10-1	29999	29916	30942	30286	1.88	cps
Boron	11-1	139271	142165	144495	141977	1.84	cps
Cadmium	111-1	410516	411517	414096	412043	0.45	cps
Cadmium	106-1	43170	42953	42208	42777	1.18	cps
Cadmium	108-1	30572	29503	29307	29794	2.29	cps
Calcium	43-1	391665	387110	388664	389146	0.60	cps
Calcium	44-1	6369897	6341692	6411450	6374346	0.55	cps
Chromium	52-2	141253	142813	140510	141525	0.83	cps
Cobalt	59-2	320894	316402	319485	318927	0.72	cps
Copper	63-2	561960	560320	560214	560832	0.17	cps
Dysprosium	156-1	67	25	33	42	52.92	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	5940314	5899355	5891513	5910394	0.44	cps
Holmium	165-2	1186988	1181825	1175121	1181312	0.50	cps
Indium	115-1	4646695	4675748	4711087	4677843	0.69	cps
Indium	115-2	185314	184216	182379	183970	0.81	cps
Iron	56-2	4862128	4811260	4785680	4819689	0.81	cps
Iron	57-2	123650	122814	122674	123046	0.43	cps
Lead	206-1	1280639	1282915	1283883	1282479	0.13	cps
Lead	207-1	1160802	1154582	1163485	1159623	0.39	cps
Lead	208-1	5264691	5280912	5299775	5281793	0.33	cps
Lithium	6-1	795047	795368	799360	796592	0.30	cps
Magnesium	24-2	495985	491111	491261	492786	0.56	cps
Manganese	55-2	83062	82405	80533	82000	1.60	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:58:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3347443	3323856	3361149	3344150	0.56	cps
Molybdenum	95-1	4144752	4179164	4137411	4153776	0.54	cps
Molybdenum	96-1	4620236	4653438	4722012	4665229	1.11	cps
Molybdenum	97-1	2643756	2641257	2652633	2645882	0.23	cps
Molybdenum	98-1	6633120	6623121	6677499	6644580	0.44	cps
Neodymium	150-1	100	107	80	96	14.52	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	94692	92421	92773	93295	1.31	cps
Phosphorus	31-2	1308	1258	1342	1303	3.22	cps
Potassium	39-2	137643	136018	137180	136947	0.61	cps
Rhodium	103-1	4252426	4250722	4280519	4261222	0.39	cps
Rhodium	103-2	1064282	1053658	1049434	1055791	0.72	cps
Scandium	45-1	2468068	2510124	2475638	2484610	0.90	cps
Scandium	45-2	17121	17087	16637	16948	1.59	cps
Selenium	77-2	123	117	130	123	5.40	cps
Selenium	78-2	426	502	420	449	10.13	cps
Selenium	82-1	25298	25351	24998	25216	0.75	cps
Silicon	28-1	1095004	1083095	1071502	1083200	1.08	cps
Silver	109-1	1945792	1931928	1954757	1944159	0.59	cps
Silver	107-1	2038006	2038840	2039549	2038799	0.04	cps
Sodium	23-2	1158756	1142831	1142576	1148055	0.81	cps
Strontium	86-1	516537	517680	518808	517675	0.22	cps
Strontium	88-1	4486514	4470376	4487919	4481603	0.22	cps
Sulfur	34-1	547902	544421	541481	544602	0.59	cps
Terbium	159-1	6073540	6089482	6170041	6111021	0.85	cps
Terbium	159-2	1137900	1136579	1124047	1132842	0.67	cps
Thallium	203-1	1578675	1573218	1594385	1582093	0.69	cps
Thallium	205-1	3794168	3812673	3802365	3803069	0.24	cps
Tin	118-1	1497312	1488709	1498250	1494757	0.35	cps
Titanium	47-1	986447	981790	979768	982668	0.35	cps
Uranium	238-1	5224394	5226905	5233949	5228416	0.09	cps
Vanadium	51-2	107183	106158	104479	105940	1.29	cps
Yttrium	89-1	4963480	4990211	4966907	4973533	0.29	cps
Yttrium	89-2	136140	135929	133888	135319	0.92	cps
Zinc	66-2	52405	52412	52425	52414	0.02	cps
Zirconium	90-1	2814585	2772998	2778737	2788773	0.81	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 14:58:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	604433	601227	602282	602647	0.27	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:02:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37150	37509	35855	36838	2.36	cps
Antimony	121-1	3904954	3885485	3887652	3892697	0.27	cps
Arsenic	75-2	33739	33485	33656	33627	0.39	cps
Barium	135-1	4131519	4079565	4103697	4104927	0.63	cps
Barium	137-1	7101742	7030731	7121870	7084781	0.68	cps
Beryllium	9-1	401923	402330	398962	401072	0.46	cps
Bismuth	209-1	4071377	4012019	4073101	4052166	0.86	cps
Bismuth	209-2	948147	936732	942174	942351	0.61	cps
Boron	10-1	47747	48048	49779	48525	2.26	cps
Boron	11-1	229057	231631	235502	232063	1.40	cps
Cadmium	111-1	805356	806236	801888	804493	0.29	cps
Cadmium	106-1	83450	82998	82922	83123	0.34	cps
Cadmium	108-1	57836	57498	57861	57732	0.35	cps
Calcium	43-1	737840	734794	732983	735206	0.33	cps
Calcium	44-1	12063321	12003292	11894799	11987137	0.71	cps
Chromium	52-2	253155	253060	253372	253196	0.06	cps
Cobalt	59-2	576912	574149	571896	574319	0.44	cps
Copper	63-2	1020620	1010205	1012676	1014500	0.54	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	3	17	0	7	132.33	cps
Holmium	165-1	5966351	5968113	5962298	5965587	0.05	cps
Holmium	165-2	1166266	1147471	1154607	1156115	0.82	cps
Indium	115-1	4611708	4605714	4580288	4599237	0.36	cps
Indium	115-2	171245	170335	169051	170210	0.65	cps
Iron	56-2	8735472	8599475	8555429	8630125	1.09	cps
Iron	57-2	222182	221602	217447	220410	1.17	cps
Lead	206-1	2620574	2626249	2661744	2636189	0.85	cps
Lead	207-1	2404990	2437272	2434468	2425576	0.74	cps
Lead	208-1	10721742	10823130	10824437	10789770	0.55	cps
Lithium	6-1	769146	763298	759050	763831	0.66	cps
Magnesium	24-2	880336	876029	870913	875759	0.54	cps
Manganese	55-2	145872	144266	144920	145019	0.56	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:02:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6334390	6252642	6230733	6272588	0.87	cps
Molybdenum	95-1	7845668	7768195	7780299	7798054	0.53	cps
Molybdenum	96-1	8792385	8729068	8651325	8724259	0.81	cps
Molybdenum	97-1	4980975	4901290	4906933	4929733	0.90	cps
Molybdenum	98-1	12601382	12484554	12550799	12545578	0.47	cps
Neodymium	150-1	200	127	173	167	22.27	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	167274	166100	165813	166396	0.47	cps
Phosphorus	31-2	2242	2150	2400	2264	5.59	cps
Potassium	39-2	237985	237158	239388	238177	0.47	cps
Rhodium	103-1	4164699	4132363	4150029	4149030	0.39	cps
Rhodium	103-2	1005181	988755	989943	994626	0.92	cps
Scandium	45-1	2383546	2357033	2354512	2365031	0.68	cps
Scandium	45-2	15626	15295	15575	15499	1.15	cps
Selenium	77-2	227	223	203	218	5.79	cps
Selenium	78-2	813	746	774	778	4.31	cps
Selenium	82-1	48599	48391	47627	48206	1.06	cps
Silicon	28-1	1620670	1599160	1571964	1597264	1.53	cps
Silver	109-1	3768711	3742756	3763223	3758230	0.36	cps
Silver	107-1	3925004	3890764	3901001	3905590	0.45	cps
Sodium	23-2	2054705	2055763	2037824	2049430	0.49	cps
Strontium	86-1	1002987	987868	992664	994506	0.78	cps
Strontium	88-1	8646034	8587361	8485548	8572981	0.95	cps
Sulfur	34-1	723637	708804	705314	712585	1.37	cps
Terbium	159-1	6150127	6186658	6123075	6153287	0.52	cps
Terbium	159-2	1113453	1093290	1107898	1104880	0.94	cps
Thallium	203-1	3198245	3264148	3260188	3240861	1.14	cps
Thallium	205-1	7554938	7592941	7706484	7618121	1.04	cps
Tin	118-1	2762614	2757251	2802041	2773969	0.88	cps
Titanium	47-1	1856335	1891273	1827792	1858466	1.71	cps
Uranium	238-1	10643096	10660208	10770108	10691137	0.64	cps
Vanadium	51-2	190989	189543	188536	189689	0.65	cps
Yttrium	89-1	4753789	4781656	4765145	4766863	0.29	cps
Yttrium	89-2	125517	122365	123294	123725	1.31	cps
Zinc	66-2	90751	91204	90288	90748	0.50	cps
Zirconium	90-1	5303869	5288849	5222038	5271585	0.83	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:02:19	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1167620	1159621	1161811	1163017	0.36	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:05:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70174	71196	70977	70782	0.76	cps
Antimony	121-1	7627424	7550660	7588195	7588760	0.51	cps
Arsenic	75-2	65754	65716	66122	65864	0.34	cps
Barium	135-1	8134836	8098084	8123173	8118698	0.23	cps
Barium	137-1	14113648	14162838	14175618	14150701	0.23	cps
Beryllium	9-1	758968	751857	757905	756243	0.51	cps
Bismuth	209-1	4110292	4074872	4128466	4104543	0.66	cps
Bismuth	209-2	887495	943330	935799	922208	3.29	cps
Boron	10-1	89293	91935	92413	91214	1.84	cps
Boron	11-1	420271	431769	438608	430216	2.15	cps
Cadmium	111-1	1613460	1602897	1616277	1610878	0.44	cps
Cadmium	106-1	165664	166971	168988	167207	1.00	cps
Cadmium	108-1	115532	115910	116018	115820	0.22	cps
Calcium	43-1	1443178	1436083	1422959	1434073	0.72	cps
Calcium	44-1	23202746	23122820	23113988	23146518	0.21	cps
Chromium	52-2	485462	487739	490100	487767	0.48	cps
Cobalt	59-2	1108742	1104879	1112572	1108731	0.35	cps
Copper	63-2	1979942	1972988	1959911	1970947	0.52	cps
Dysprosium	156-1	117	58	100	92	32.77	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6025836	6014943	6056211	6032330	0.35	cps
Holmium	165-2	1099617	1167942	1160562	1142707	3.28	cps
Indium	115-1	4499939	4450180	4447126	4465748	0.66	cps
Indium	115-2	153767	165272	164703	161247	4.02	cps
Iron	56-2	16772572	16555119	16810566	16712752	0.82	cps
Iron	57-2	425613	425578	430314	427168	0.64	cps
Lead	206-1	5234504	5270724	5278465	5261231	0.45	cps
Lead	207-1	4843397	4893183	4872334	4869638	0.51	cps
Lead	208-1	21534838	21707687	21694294	21645606	0.44	cps
Lithium	6-1	742759	736266	737803	738943	0.46	cps
Magnesium	24-2	1696274	1693320	1712534	1700709	0.61	cps
Manganese	55-2	280950	277997	281491	280146	0.67	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:05:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12315995	12241429	12236210	12264545	0.36	cps
Molybdenum	95-1	15247856	15114435	15294462	15218918	0.61	cps
Molybdenum	96-1	17194892	17080732	17084773	17120132	0.38	cps
Molybdenum	97-1	9653036	9593474	9603308	9616606	0.33	cps
Molybdenum	98-1	24724255	24649080	24511476	24628271	0.44	cps
Neodymium	150-1	340	347	327	338	3.02	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	322796	321858	325161	323272	0.53	cps
Phosphorus	31-2	4318	4668	4509	4498	3.90	cps
Potassium	39-2	454620	455021	460101	456580	0.67	cps
Rhodium	103-1	4062249	4022598	4078941	4054596	0.71	cps
Rhodium	103-2	910628	976108	970631	952456	3.81	cps
Scandium	45-1	2295035	2277664	2281569	2284756	0.40	cps
Scandium	45-2	13710	14741	15332	14594	5.62	cps
Selenium	77-2	413	427	427	422	1.82	cps
Selenium	78-2	1441	1491	1513	1482	2.50	cps
Selenium	82-1	94050	93854	94290	94064	0.23	cps
Silicon	28-1	2599000	2579042	2561499	2579847	0.73	cps
Silver	109-1	7455741	7418767	7402460	7425656	0.37	cps
Silver	107-1	7739810	7700011	7740748	7726856	0.30	cps
Sodium	23-2	3869103	3878106	3910618	3885942	0.56	cps
Strontium	86-1	1984246	1966824	1991220	1980763	0.63	cps
Strontium	88-1	16843182	16917527	16902561	16887757	0.23	cps
Sulfur	34-1	928387	925698	931606	928563	0.32	cps
Terbium	159-1	6222895	6185124	6229359	6212459	0.38	cps
Terbium	159-2	1047114	1113509	1119545	1093389	3.68	cps
Thallium	203-1	6478875	6502447	6523811	6501711	0.35	cps
Thallium	205-1	15334174	15482630	15337556	15384786	0.55	cps
Tin	118-1	5289054	5355839	5286616	5310503	0.74	cps
Titanium	47-1	3572013	3515801	3502947	3530254	1.04	cps
Uranium	238-1	21957497	22009827	21968822	21978715	0.13	cps
Vanadium	51-2	369730	368242	374525	370832	0.89	cps
Yttrium	89-1	4749025	4692055	4705732	4715604	0.63	cps
Yttrium	89-2	112750	121925	121783	118819	4.42	cps
Zinc	66-2	173338	174296	174853	174162	0.44	cps
Zirconium	90-1	10332692	10351827	10345319	10343279	0.09	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:05:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2335629	2327249	2287511	2316796	1.11	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:09:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373383	366814	375913	372037	1.26	cps
Antimony	121-1	8928	9779	9837	9515	5.35	cps
Arsenic	75-2	20	33	24	26	25.75	cps
Barium	135-1	2542	2575	2267	2461	6.88	cps
Barium	137-1	4301	4092	4459	4284	4.29	cps
Beryllium	9-1	500	561	489	517	7.53	cps
Bismuth	209-1	3871217	3818752	3776259	3822076	1.24	cps
Bismuth	209-2	874441	872766	877494	874901	0.27	cps
Boron	10-1	4559	4017	3709	4095	10.51	cps
Boron	11-1	20916	19472	16860	19083	10.77	cps
Cadmium	111-1	859	826	898	861	4.17	cps
Cadmium	106-1	950	892	942	928	3.40	cps
Cadmium	108-1	50	33	17	33	50.00	cps
Calcium	43-1	7321459	7391103	7416120	7376227	0.67	cps
Calcium	44-1	120793528	121757111	121734553	121428397	0.45	cps
Chromium	52-2	13146	12653	13183	12994	2.28	cps
Cobalt	59-2	1603	1467	1567	1546	4.58	cps
Copper	63-2	3390	3370	3234	3332	2.56	cps
Dysprosium	156-1	67	92	142	100	38.19	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	83	58	42	61	34.32	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	17	23	10	17	39.99	cps
Holmium	165-1	5961384	5906811	5997365	5955187	0.77	cps
Holmium	165-2	1139896	1137107	1143517	1140173	0.28	cps
Indium	115-1	4393560	4401351	4378583	4391165	0.26	cps
Indium	115-2	167032	168908	170796	168912	1.11	cps
Iron	56-2	86328124	86813713	87232513	86791450	0.52	cps
Iron	57-2	2233746	2225568	2269744	2243019	1.05	cps
Lead	206-1	10599	11266	10872	10912	3.07	cps
Lead	207-1	9515	9387	9793	9565	2.17	cps
Lead	208-1	43308	43736	43959	43668	0.76	cps
Lithium	6-1	737472	741180	741410	740021	0.30	cps
Magnesium	24-2	8712109	8699958	8805053	8739040	0.66	cps
Manganese	55-2	1063	1143	1030	1079	5.40	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:09:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9445	8787	9437	9223	4.10	cps
Molybdenum	95-1	13883	14825	14050	14253	3.53	cps
Molybdenum	96-1	17078	16987	17378	17148	1.20	cps
Molybdenum	97-1	8403	8678	8320	8467	2.22	cps
Molybdenum	98-1	22361	22303	23187	22617	2.19	cps
Neodymium	150-1	113	73	127	104	26.57	cps
Neodymium	150-2	0	13	13	9	86.60	cps
Nickel	60-2	5371	5721	5461	5518	3.30	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2448496	2447458	2475050	2457002	0.64	cps
Rhodium	103-1	3933961	3859475	3878284	3890573	1.00	cps
Rhodium	103-2	937750	938003	942259	939337	0.27	cps
Scandium	45-1	2317413	2314661	2298017	2310030	0.45	cps
Scandium	45-2	15405	15395	15198	15333	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	56	45	84	61	33.39	cps
Silicon	28-1	353472	356816	351957	354081	0.70	cps
Silver	109-1	575	583	692	617	10.56	cps
Silver	107-1	708	633	792	711	11.14	cps
Sodium	23-2	20382203	20373733	20461326	20405754	0.24	cps
Strontium	86-1	68414	66278	67283	67325	1.59	cps
Strontium	88-1	584699	587407	590226	587444	0.47	cps
Sulfur	34-1	294102	292918	294339	293786	0.26	cps
Terbium	159-1	6187039	6132074	6026160	6115091	1.34	cps
Terbium	159-2	1089545	1091839	1094875	1092086	0.24	cps
Thallium	203-1	3192	3134	3276	3201	2.22	cps
Thallium	205-1	8411	8053	7819	8095	3.68	cps
Tin	118-1	7211	7569	7135	7305	3.17	cps
Titanium	47-1	983	917	792	897	10.85	cps
Uranium	238-1	1967	1617	1625	1736	11.50	cps
Vanadium	51-2	133	110	117	120	10.02	cps
Yttrium	89-1	4714536	4699100	4656772	4690136	0.64	cps
Yttrium	89-2	123495	123519	125130	124048	0.76	cps
Zinc	66-2	793	827	713	778	7.49	cps
Zirconium	90-1	3150	3142	3201	3164	1.00	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:09:17	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	533	625	842	667	23.75	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:23:34	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2275	2009	2125	2136	6.26	cps
Antimony	121-1	1445505	1455431	1460519	1453818	0.53	cps
Arsenic	75-2	14128	14128	13575	13944	2.29	cps
Barium	135-1	158033	158673	156802	157836	0.60	cps
Barium	137-1	277534	276307	276858	276899	0.22	cps
Beryllium	9-1	82933	80726	80290	81316	1.74	cps
Bismuth	209-1	4044218	4092166	4038810	4058398	0.72	cps
Bismuth	209-2	956203	952146	956572	954974	0.26	cps
Boron	10-1	47672	47571	48625	47956	1.21	cps
Boron	11-1	224130	228404	235496	229343	2.50	cps
Cadmium	111-1	162899	162653	162959	162837	0.10	cps
Cadmium	106-1	27671	26811	26794	27092	1.85	cps
Cadmium	108-1	15004	14633	14758	14799	1.28	cps
Calcium	43-1	32321	32347	31879	32182	0.82	cps
Calcium	44-1	505782	509387	510064	508411	0.45	cps
Chromium	52-2	52632	53140	51545	52439	1.55	cps
Cobalt	59-2	121786	120566	121033	121128	0.51	cps
Copper	63-2	106991	105634	104563	105729	1.15	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	58	108	67	57.29	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	8	50	33	31	68.64	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5876413	5938266	5934642	5916440	0.59	cps
Holmium	165-2	1160081	1162501	1156406	1159663	0.26	cps
Indium	115-1	4615134	4654988	4640431	4636851	0.43	cps
Indium	115-2	180014	180305	178399	179573	0.57	cps
Iron	56-2	366879	364329	359334	363514	1.06	cps
Iron	57-2	9248	9409	8953	9203	2.51	cps
Lead	206-1	1016929	1017710	1016575	1017071	0.06	cps
Lead	207-1	889538	884563	893032	889044	0.48	cps
Lead	208-1	4165587	4146710	4141499	4151265	0.31	cps
Lithium	6-1	800538	799525	798927	799663	0.10	cps
Magnesium	24-2	22811	22151	22285	22416	1.55	cps
Manganese	55-2	15355	15155	14938	15150	1.38	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:23:34	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2939225	2925204	2924792	2929741	0.28	cps
Molybdenum	95-1	1649179	1634111	1667357	1650215	1.01	cps
Molybdenum	96-1	2131148	2102261	2141103	2124837	0.95	cps
Molybdenum	97-1	1000586	1000883	1005975	1002482	0.30	cps
Molybdenum	98-1	2645834	2645824	2647203	2646287	0.03	cps
Neodymium	150-1	40	13	0	18	114.57	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	36063	35816	35703	35861	0.51	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	22786	21534	22527	22282	2.97	cps
Rhodium	103-1	4341191	4289674	4282318	4304394	0.75	cps
Rhodium	103-2	1048720	1054364	1049288	1050791	0.30	cps
Scandium	45-1	2417630	2451073	2472528	2447077	1.13	cps
Scandium	45-2	17027	16800	16957	16928	0.69	cps
Selenium	77-2	90	67	97	84	18.65	cps
Selenium	78-2	304	380	319	334	12.05	cps
Selenium	82-1	19259	19059	19159	19159	0.52	cps
Silicon	28-1	1649658	1635054	1619124	1634612	0.93	cps
Silver	109-1	727991	728468	725861	727440	0.19	cps
Silver	107-1	764271	762255	763403	763309	0.13	cps
Sodium	23-2	92358	91652	90587	91532	0.97	cps
Strontium	86-1	1034900	1033406	1027744	1032017	0.37	cps
Strontium	88-1	8890012	8875217	8814816	8860015	0.45	cps
Sulfur	34-1	311863	311165	306951	309993	0.86	cps
Terbium	159-1	6050906	6123880	6023668	6066151	0.85	cps
Terbium	159-2	1116866	1114448	1116618	1115978	0.12	cps
Thallium	203-1	1272332	1269161	1270195	1270562	0.13	cps
Thallium	205-1	3047611	3017292	3077171	3047358	0.98	cps
Tin	118-1	2806679	2799105	2835499	2813761	0.68	cps
Titanium	47-1	391675	391730	393810	392405	0.31	cps
Uranium	238-1	10906287	10951276	10970626	10942730	0.30	cps
Vanadium	51-2	39499	39068	39168	39245	0.57	cps
Yttrium	89-1	4875748	4859016	4883346	4872703	0.26	cps
Yttrium	89-2	132085	131788	131253	131709	0.32	cps
Zinc	66-2	19267	19137	18933	19112	0.88	cps
Zirconium	90-1	5471937	5522999	5472463	5489133	0.53	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:23:34	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1205373	1216573	1198648	1206865	0.75	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:26:55 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	1142	1258	1192	1197	4.89	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	50	25	100	58	65.47	cps
Barium	137-1	92	25	42	53	65.74	cps
Beryllium	9-1	189	244	233	222	13.23	cps
Bismuth	209-1	3991361	4066421	4086401	4048061	1.24	cps
Bismuth	209-2	949257	942684	945282	945741	0.35	cps
Boron	10-1	2175	2200	2067	2147	3.30	cps
Boron	11-1	11255	10446	10087	10596	5.64	cps
Cadmium	111-1	523	600	654	592	11.11	cps
Cadmium	106-1	733	817	908	820	10.68	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	775	750	750	758	1.90	cps
Calcium	44-1	13174	12339	12097	12537	4.50	cps
Chromium	52-2	267	263	270	267	1.25	cps
Cobalt	59-2	40	53	60	51	19.92	cps
Copper	63-2	127	103	73	101	26.45	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5738511	5859551	5890367	5829476	1.38	cps
Holmium	165-2	1142735	1142069	1142013	1142272	0.04	cps
Indium	115-1	4618745	4667176	4645556	4643826	0.52	cps
Indium	115-2	182559	182416	181750	182242	0.24	cps
Iron	56-2	1589	1461	1439	1496	5.41	cps
Iron	57-2	50	22	33	35	39.74	cps
Lead	206-1	772	744	683	733	6.20	cps
Lead	207-1	739	650	672	687	6.73	cps
Lead	208-1	3128	2806	2861	2932	5.88	cps
Lithium	6-1	774440	786483	793764	784896	1.24	cps
Magnesium	24-2	125	175	175	158	18.23	cps
Manganese	55-2	3	7	23	11	96.43	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:26:55	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	275	308	281	9.07	cps
Molybdenum	95-1	158	250	183	197	24.03	cps
Molybdenum	96-1	200	183	217	200	8.33	cps
Molybdenum	97-1	117	83	67	89	28.64	cps
Molybdenum	98-1	200	292	242	244	18.78	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	317	300	308	2.73	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	1784	1967	1717	1822	7.10	cps
Rhodium	103-1	4197968	4290670	4281630	4256756	1.20	cps
Rhodium	103-2	1051566	1047058	1039443	1046022	0.59	cps
Scandium	45-1	2353761	2392168	2439393	2395107	1.79	cps
Scandium	45-2	16243	15943	16500	16228	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	23	-62	-40	-26	-167.13	cps
Silicon	28-1	309360	309803	307213	308792	0.45	cps
Silver	109-1	108	142	142	131	14.74	cps
Silver	107-1	125	108	83	106	19.87	cps
Sodium	23-2	6902	7260	6627	6930	4.59	cps
Strontium	86-1	425	433	450	436	2.92	cps
Strontium	88-1	208	183	208	200	7.22	cps
Sulfur	34-1	306501	305767	303475	305248	0.52	cps
Terbium	159-1	5992861	6066608	6020686	6026718	0.62	cps
Terbium	159-2	1100935	1096743	1102025	1099901	0.25	cps
Thallium	203-1	842	650	758	750	12.81	cps
Thallium	205-1	1775	1817	1559	1717	8.08	cps
Tin	118-1	1433	1509	1559	1500	4.20	cps
Titanium	47-1	67	92	83	81	15.80	cps
Uranium	238-1	117	233	175	175	33.34	cps
Vanadium	51-2	10	7	17	11	45.82	cps
Yttrium	89-1	4737840	4805583	4839852	4794425	1.08	cps
Yttrium	89-2	129385	130277	129452	129705	0.38	cps
Zinc	66-2	60	70	110	80	33.07	cps
Zirconium	90-1	417	483	508	469	10.09	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:26:55	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	133	133	133	0.00	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:30:19 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351714	352088	352612	352138	0.13	cps
Antimony	121-1	8395	8678	8837	8637	2.59	cps
Arsenic	75-2	33	24	22	27	22.43	cps
Barium	135-1	2534	2559	2459	2517	2.07	cps
Barium	137-1	4201	3792	3842	3945	5.65	cps
Beryllium	9-1	472	444	417	444	6.25	cps
Bismuth	209-1	3905377	3907398	3901479	3904751	0.08	cps
Bismuth	209-2	911320	901808	902953	905360	0.57	cps
Boron	10-1	1367	1267	1483	1372	7.90	cps
Boron	11-1	6919	6577	6210	6568	5.40	cps
Cadmium	111-1	1074	1058	1005	1046	3.48	cps
Cadmium	106-1	767	783	758	770	1.65	cps
Cadmium	108-1	917	838	871	875	4.54	cps
Calcium	43-1	1459160	1457808	1467972	1461647	0.38	cps
Calcium	44-1	23550268	23743616	23741393	23678426	0.47	cps
Chromium	52-2	10414	10464	10611	10496	0.97	cps
Cobalt	59-2	1433	1447	1443	1441	0.48	cps
Copper	63-2	8026	7656	8026	7902	2.70	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	83	50	75	69	24.98	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	5905808	5928232	5955249	5929763	0.42	cps
Holmium	165-2	1156574	1142613	1145150	1148113	0.65	cps
Indium	115-1	4588910	4584587	4589495	4587664	0.06	cps
Indium	115-2	178579	176104	176563	177082	0.74	cps
Iron	56-2	35505413	35355490	35400423	35420442	0.22	cps
Iron	57-2	902009	900558	901743	901436	0.09	cps
Lead	206-1	25766	24335	24669	24923	3.00	cps
Lead	207-1	20784	19716	19916	20139	2.82	cps
Lead	208-1	95835	93074	94115	94342	1.48	cps
Lithium	6-1	765255	775299	772268	770941	0.67	cps
Magnesium	24-2	1818864	1789421	1775794	1794693	1.23	cps
Manganese	55-2	1270	1143	1107	1173	7.30	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:30:19	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3370646	3399099	3394606	3388117	0.45	cps
Molybdenum	95-1	5912219	5969940	5956270	5946143	0.51	cps
Molybdenum	96-1	6418710	6461390	6523791	6467964	0.82	cps
Molybdenum	97-1	3780927	3820195	3826603	3809242	0.65	cps
Molybdenum	98-1	9569864	9569435	9639685	9592995	0.42	cps
Neodymium	150-1	33	73	40	49	43.84	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2004	2074	2280	2119	6.79	cps
Phosphorus	31-2	25841	25073	25148	25354	1.67	cps
Potassium	39-2	989485	986821	984483	986930	0.25	cps
Rhodium	103-1	4115554	4140111	4153850	4136505	0.47	cps
Rhodium	103-2	1008168	1001508	995227	1001635	0.65	cps
Scandium	45-1	2415434	2414426	2404369	2411410	0.25	cps
Scandium	45-2	16416	16120	16053	16196	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	44	-61	-15	-11	-491.04	cps
Silicon	28-1	417566	415378	414601	415848	0.37	cps
Silver	109-1	492	675	733	633	19.91	cps
Silver	107-1	583	592	858	678	23.08	cps
Sodium	23-2	4147595	4110061	4109343	4122333	0.53	cps
Strontium	86-1	67090	66395	65658	66381	1.08	cps
Strontium	88-1	575336	572829	580550	576238	0.68	cps
Sulfur	34-1	1929617	1966299	1938054	1944657	0.99	cps
Terbium	159-1	6135513	6141629	6117275	6131472	0.21	cps
Terbium	159-2	1100801	1103585	1095062	1099816	0.40	cps
Thallium	203-1	1325	1325	1450	1367	5.28	cps
Thallium	205-1	2725	3359	2809	2964	11.61	cps
Tin	118-1	1984	1792	1909	1895	5.10	cps
Titanium	47-1	1457571	1470079	1475983	1467878	0.64	cps
Uranium	238-1	383	367	425	392	7.67	cps
Vanadium	51-2	80	60	40	60	33.33	cps
Yttrium	89-1	4781656	4851409	4868734	4833933	0.95	cps
Yttrium	89-2	129785	129386	129039	129403	0.29	cps
Zinc	66-2	1143	1087	1033	1088	5.06	cps
Zirconium	90-1	600	642	692	644	7.12	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:30:19	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	100	125	114	11.18	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:33:39 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347282	348809	347683	347925	0.23	cps
Antimony	121-1	161127	158657	159677	159820	0.78	cps
Arsenic	75-2	1461	1369	1369	1399	3.82	cps
Barium	135-1	35499	34897	33677	34691	2.68	cps
Barium	137-1	61427	60816	60196	60813	1.01	cps
Beryllium	9-1	16921	17122	16399	16814	2.22	cps
Bismuth	209-1	3909763	3928757	3928947	3922489	0.28	cps
Bismuth	209-2	907573	907505	906162	907080	0.09	cps
Boron	10-1	4968	5276	5268	5171	3.40	cps
Boron	11-1	24263	24338	24263	24288	0.18	cps
Cadmium	111-1	32492	32264	32812	32523	0.85	cps
Cadmium	106-1	4426	4143	4626	4398	5.52	cps
Cadmium	108-1	3246	3146	3205	3199	1.57	cps
Calcium	43-1	1492097	1467191	1462974	1474088	1.07	cps
Calcium	44-1	23792787	23715523	23527923	23678745	0.58	cps
Chromium	52-2	20749	20572	21206	20842	1.57	cps
Cobalt	59-2	25417	25644	25450	25504	0.48	cps
Copper	63-2	28770	28840	28874	28828	0.18	cps
Dysprosium	156-1	17	58	17	31	78.72	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	33	58	100	64	52.71	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	42	83	75	67	33.07	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	5906139	6002619	5921999	5943585	0.87	cps
Holmium	165-2	1151585	1151651	1150759	1151332	0.04	cps
Indium	115-1	4555459	4629798	4593409	4592889	0.81	cps
Indium	115-2	177393	175497	174363	175751	0.87	cps
Iron	56-2	35104809	35042511	35157790	35101703	0.16	cps
Iron	57-2	897541	894552	890099	894064	0.42	cps
Lead	206-1	129549	128785	129891	129408	0.44	cps
Lead	207-1	109042	107390	108387	108273	0.77	cps
Lead	208-1	503382	503005	501625	502671	0.18	cps
Lithium	6-1	760615	766760	769886	765754	0.62	cps
Magnesium	24-2	1792570	1771770	1763339	1775893	0.85	cps
Manganese	55-2	4271	4337	4391	4333	1.39	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:33:39	DataFile Name :	017ICSAB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3637356	3629772	3630950	3632693	0.11	cps
Molybdenum	95-1	6152255	6060458	6100854	6104522	0.75	cps
Molybdenum	96-1	6608562	6634606	6616417	6619862	0.20	cps
Molybdenum	97-1	3890015	3859936	3889723	3879891	0.45	cps
Molybdenum	98-1	9737365	9715819	9769818	9741000	0.28	cps
Neodymium	150-1	107	13	53	58	81.05	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	9073	9390	9033	9165	2.13	cps
Phosphorus	31-2	23938	24263	23996	24066	0.72	cps
Potassium	39-2	980603	977555	972855	977004	0.40	cps
Rhodium	103-1	4150378	4091611	4127240	4123076	0.72	cps
Rhodium	103-2	1005324	992896	997443	998554	0.63	cps
Scandium	45-1	2417229	2409120	2399909	2408753	0.36	cps
Scandium	45-2	16380	15656	16086	16040	2.27	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	39	33	41	38	10.24	cps
Selenium	82-1	1923	2011	1948	1961	2.32	cps
Silicon	28-1	537518	537485	529001	534668	0.92	cps
Silver	109-1	140236	138615	138725	139192	0.65	cps
Silver	107-1	146168	146757	142883	145269	1.44	cps
Sodium	23-2	4073954	4064514	4064847	4067772	0.13	cps
Strontium	86-1	156252	153124	154607	154661	1.01	cps
Strontium	88-1	1349998	1334810	1332872	1339226	0.70	cps
Sulfur	34-1	1935884	1906426	1935552	1925954	0.88	cps
Terbium	159-1	6163687	6139942	6143685	6149105	0.21	cps
Terbium	159-2	1106112	1097668	1098800	1100860	0.42	cps
Thallium	203-1	128930	127418	128242	128197	0.59	cps
Thallium	205-1	305363	305088	303760	304737	0.28	cps
Tin	118-1	229153	231020	232979	231051	0.83	cps
Titanium	47-1	1525312	1505800	1504580	1511897	0.77	cps
Uranium	238-1	922278	911935	906363	913525	0.88	cps
Vanadium	51-2	7996	7726	7822	7848	1.74	cps
Yttrium	89-1	4882110	4854836	4843399	4860115	0.41	cps
Yttrium	89-2	127649	127721	126967	127445	0.33	cps
Zinc	66-2	2784	2904	3007	2898	3.86	cps
Zirconium	90-1	470452	468496	462775	467241	0.85	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:33:39	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	102172	102543	103298	102671	0.56	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:36:58	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184533	188974	190421	187976	1.63	cps
Antimony	121-1	3581339	3727408	3667428	3658725	2.01	cps
Arsenic	75-2	33478	33576	34047	33700	0.90	cps
Barium	135-1	3838880	3985296	3910146	3911441	1.87	cps
Barium	137-1	6580521	6869088	6713372	6720994	2.15	cps
Beryllium	9-1	369692	388065	382487	380082	2.48	cps
Bismuth	209-1	3672138	3827750	3769948	3756612	2.09	cps
Bismuth	209-2	864923	893948	889310	882727	1.77	cps
Boron	10-1	42907	46150	46125	45061	4.14	cps
Boron	11-1	201194	217076	217136	211802	4.34	cps
Cadmium	111-1	732042	751475	744119	742545	1.32	cps
Cadmium	106-1	75872	79644	80273	78596	3.03	cps
Cadmium	108-1	52636	54623	52732	53330	2.10	cps
Calcium	43-1	3424077	3560214	3531628	3505306	2.05	cps
Calcium	44-1	55865416	58460008	57465268	57263564	2.29	cps
Chromium	52-2	260430	264218	266782	263810	1.21	cps
Cobalt	59-2	563805	576097	579087	572996	1.41	cps
Copper	63-2	975739	986911	998730	987127	1.16	cps
Dysprosium	156-1	100	100	50	83	34.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	5570012	5841290	5739304	5716869	2.40	cps
Holmium	165-2	1116954	1135398	1148925	1133759	1.42	cps
Indium	115-1	4285070	4362093	4306399	4317854	0.92	cps
Indium	115-2	167342	171829	171459	170210	1.46	cps
Iron	56-2	42637815	43113629	43627311	43126251	1.15	cps
Iron	57-2	1083482	1101729	1111053	1098754	1.28	cps
Lead	206-1	2403077	2500263	2471272	2458204	2.03	cps
Lead	207-1	2220042	2277238	2247463	2248248	1.27	cps
Lead	208-1	9879644	10192903	10034723	10035757	1.56	cps
Lithium	6-1	711113	744611	735215	730313	2.37	cps
Magnesium	24-2	4337465	4407328	4481090	4408628	1.63	cps
Manganese	55-2	148617	147995	151969	149527	1.43	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:36:58	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5959246	6141235	6068808	6056430	1.51	cps
Molybdenum	95-1	7387766	7568010	7497392	7484389	1.21	cps
Molybdenum	96-1	8214726	8507637	8419093	8380485	1.79	cps
Molybdenum	97-1	4652452	4842051	4749277	4747926	2.00	cps
Molybdenum	98-1	11802836	12374548	12105233	12094206	2.36	cps
Neodymium	150-1	187	227	187	200	11.55	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	164380	167530	170701	167537	1.89	cps
Phosphorus	31-2	2542	2375	2450	2456	3.40	cps
Potassium	39-2	1227102	1250151	1262681	1246645	1.45	cps
Rhodium	103-1	3817623	3988134	3910547	3905434	2.19	cps
Rhodium	103-2	947541	970906	977962	965470	1.65	cps
Scandium	45-1	2240222	2349591	2312132	2300648	2.42	cps
Scandium	45-2	15656	16353	16223	16077	2.31	cps
Selenium	77-2	213	180	220	204	10.48	cps
Selenium	78-2	737	735	802	758	5.01	cps
Selenium	82-1	44554	46039	45795	45463	1.75	cps
Silicon	28-1	1499139	1575845	1517584	1530856	2.62	cps
Silver	109-1	3933677	4050849	4007480	3997335	1.48	cps
Silver	107-1	4145917	4231957	4203531	4193802	1.05	cps
Sodium	23-2	10139393	10253233	10344273	10245633	1.00	cps
Strontium	86-1	956480	987563	984026	976023	1.74	cps
Strontium	88-1	8364626	8655442	8467288	8495785	1.74	cps
Sulfur	34-1	525575	533685	535777	531679	1.01	cps
Terbium	159-1	5778029	6015811	5865868	5886569	2.04	cps
Terbium	159-2	1067125	1091603	1089776	1082835	1.26	cps
Thallium	203-1	2964233	3113478	3044060	3040590	2.46	cps
Thallium	205-1	6974736	7197996	7004728	7059153	1.72	cps
Tin	118-1	2493112	2588988	2528758	2536953	1.91	cps
Titanium	47-1	1726717	1834976	1794831	1785508	3.07	cps
Uranium	238-1	9764387	10365109	10181578	10103691	3.05	cps
Vanadium	51-2	192865	197802	200647	197104	2.00	cps
Yttrium	89-1	4493770	4700185	4647184	4613713	2.32	cps
Yttrium	89-2	124564	126690	127918	126391	1.34	cps
Zinc	66-2	87577	88480	90100	88719	1.44	cps
Zirconium	90-1	5010058	5211960	5130090	5117369	1.98	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:36:58	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1097126	1143730	1129347	1123401	2.12	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:40:12	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	42	31	62.99	cps
Antimony	121-1	2325	2367	2634	2442	6.85	cps
Arsenic	75-2	9	6	2	6	66.68	cps
Barium	135-1	67	42	42	50	28.87	cps
Barium	137-1	100	100	167	122	31.49	cps
Beryllium	9-1	356	289	294	313	11.82	cps
Bismuth	209-1	3973223	4053477	4173633	4066777	2.48	cps
Bismuth	209-2	978951	981556	966172	975560	0.84	cps
Boron	10-1	2142	1667	1667	1825	15.03	cps
Boron	11-1	9512	8553	8228	8764	7.62	cps
Cadmium	111-1	603	565	663	610	8.12	cps
Cadmium	106-1	758	758	858	792	7.29	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	808	800	842	817	2.70	cps
Calcium	44-1	14008	14533	13807	14116	2.65	cps
Chromium	52-2	283	290	310	294	4.71	cps
Cobalt	59-2	53	37	67	52	28.78	cps
Copper	63-2	213	210	190	204	6.17	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	33	0	19	89.22	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	17	83	44	78.07	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5836521	5881655	6111599	5943259	2.48	cps
Holmium	165-2	1184591	1190441	1175170	1183401	0.65	cps
Indium	115-1	4585874	4683745	4811972	4693864	2.42	cps
Indium	115-2	187361	185519	184585	185821	0.76	cps
Iron	56-2	2956	2750	2750	2819	4.21	cps
Iron	57-2	83	61	50	65	26.19	cps
Lead	206-1	1117	1122	1178	1139	2.97	cps
Lead	207-1	1039	1067	1050	1052	1.33	cps
Lead	208-1	4489	4623	4812	4641	3.49	cps
Lithium	6-1	771052	779027	800639	783573	1.95	cps
Magnesium	24-2	258	225	158	214	23.81	cps
Manganese	55-2	10	30	17	19	53.91	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:40:12	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	400	575	497	17.92	cps
Molybdenum	95-1	517	467	683	556	20.42	cps
Molybdenum	96-1	608	625	625	619	1.55	cps
Molybdenum	97-1	267	383	358	336	18.28	cps
Molybdenum	98-1	925	858	950	911	5.20	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	353	417	380	383	8.30	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2200	2217	1859	2092	9.67	cps
Rhodium	103-1	4206954	4254046	4423456	4294819	2.65	cps
Rhodium	103-2	1077491	1078926	1059236	1071884	1.02	cps
Scandium	45-1	2366705	2352411	2453243	2390786	2.28	cps
Scandium	45-2	16673	16987	16176	16612	2.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	41	10	-53	-1	-8250.10	cps
Silicon	28-1	307583	306479	306682	306914	0.19	cps
Silver	109-1	308	325	408	347	15.43	cps
Silver	107-1	367	308	375	350	10.38	cps
Sodium	23-2	9720	9237	9028	9328	3.81	cps
Strontium	86-1	550	367	400	439	22.25	cps
Strontium	88-1	350	367	500	406	20.27	cps
Sulfur	34-1	303419	302429	305403	303751	0.50	cps
Terbium	159-1	5960334	6041960	6276348	6092881	2.69	cps
Terbium	159-2	1134143	1135658	1118505	1129435	0.84	cps
Thallium	203-1	1642	1484	1300	1475	11.59	cps
Thallium	205-1	3376	3342	2875	3198	8.74	cps
Tin	118-1	1108	1300	1425	1278	12.48	cps
Titanium	47-1	175	158	142	158	10.53	cps
Uranium	238-1	108	108	125	114	8.45	cps
Vanadium	51-2	10	7	17	11	45.82	cps
Yttrium	89-1	4713159	4853961	4951702	4839607	2.48	cps
Yttrium	89-2	134009	132913	131378	132766	1.00	cps
Zinc	66-2	70	83	73	76	9.19	cps
Zirconium	90-1	575	492	642	569	13.20	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:40:12	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	67	142	111	35.44	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:51:56 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.30	cps
Antimony	121-1	550	717	675	647	13.40	cps
Arsenic	75-2	9	2	2	4	99.03	cps
Barium	135-1	8	17	67	31	103.26	cps
Barium	137-1	83	58	42	61	34.32	cps
Beryllium	9-1	167	150	161	159	5.33	cps
Bismuth	209-1	4163732	4007181	4179112	4116675	2.31	cps
Bismuth	209-2	898510	894563	950629	914567	3.42	cps
Boron	10-1	725	575	675	658	11.60	cps
Boron	11-1	3242	3000	2792	3012	7.48	cps
Cadmium	111-1	618	573	485	559	12.07	cps
Cadmium	106-1	867	817	675	786	12.65	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	717	667	733	706	4.92	cps
Calcium	44-1	11647	11438	11747	11611	1.36	cps
Chromium	52-2	280	287	290	286	1.78	cps
Cobalt	59-2	47	60	50	52	13.28	cps
Copper	63-2	110	93	103	102	8.20	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	67	67	17	50	57.73	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	6072467	5751958	6166667	5997031	3.63	cps
Holmium	165-2	1077820	1081691	1150734	1103415	3.72	cps
Indium	115-1	4766949	4525512	4750374	4680945	2.88	cps
Indium	115-2	170400	169224	179722	173115	3.32	cps
Iron	56-2	1445	1356	1417	1406	3.24	cps
Iron	57-2	61	61	28	50	38.49	cps
Lead	206-1	589	633	578	600	4.90	cps
Lead	207-1	533	478	461	491	7.71	cps
Lead	208-1	2211	2328	2200	2246	3.15	cps
Lithium	6-1	796504	758349	804497	786450	3.14	cps
Magnesium	24-2	150	233	183	189	22.21	cps
Manganese	55-2	10	20	13	14	35.26	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:51:56 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	183	208	189	9.19	cps
Molybdenum	95-1	25	75	75	58	49.49	cps
Molybdenum	96-1	125	167	225	172	29.16	cps
Molybdenum	97-1	58	67	58	61	7.87	cps
Molybdenum	98-1	133	92	158	128	26.36	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	360	280	313	318	12.65	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	1884	1659	1950	1831	8.35	cps
Rhodium	103-1	4396751	4175549	4368193	4313497	2.79	cps
Rhodium	103-2	977485	979553	1031590	996209	3.08	cps
Scandium	45-1	2409325	2288165	2479236	2392242	4.04	cps
Scandium	45-2	14881	15068	16340	15430	5.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	10	-61	-34	-28	-125.64	cps
Silicon	28-1	301540	298840	300890	300423	0.47	cps
Silver	109-1	133	117	183	144	24.02	cps
Silver	107-1	125	208	150	161	26.54	cps
Sodium	23-2	7119	7394	7127	7213	2.17	cps
Strontium	86-1	433	475	467	458	4.81	cps
Strontium	88-1	142	117	117	125	11.55	cps
Sulfur	34-1	311351	312620	311882	311951	0.20	cps
Terbium	159-1	6288927	5936231	6290668	6171942	3.31	cps
Terbium	159-2	1038023	1037345	1101433	1058933	3.48	cps
Thallium	203-1	658	475	575	569	16.12	cps
Thallium	205-1	1258	1225	1375	1286	6.12	cps
Tin	118-1	1008	917	758	895	14.14	cps
Titanium	47-1	125	67	75	89	35.50	cps
Uranium	238-1	33	42	67	47	36.74	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	4925393	4713259	4918268	4852306	2.48	cps
Yttrium	89-2	121575	121280	127377	123411	2.79	cps
Zinc	66-2	40	30	33	34	14.78	cps
Zirconium	90-1	325	383	425	378	13.30	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:51:56	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	75	69	13.85	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:55:20	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	75	108	133	55.55	cps
Antimony	121-1	30010	29776	30327	30038	0.92	cps
Arsenic	75-2	148	135	144	143	4.68	cps
Barium	135-1	31255	31405	31555	31405	0.48	cps
Barium	137-1	55584	54898	54011	54831	1.44	cps
Beryllium	9-1	1806	1917	1767	1830	4.26	cps
Bismuth	209-1	4224957	4105490	4205083	4178510	1.53	cps
Bismuth	209-2	974930	967518	968965	970471	0.40	cps
Boron	10-1	4959	4476	4843	4759	5.30	cps
Boron	11-1	22427	22510	23896	22944	3.60	cps
Cadmium	111-1	3595	3638	3773	3669	2.53	cps
Cadmium	106-1	1108	1083	1200	1131	5.43	cps
Cadmium	108-1	242	279	246	256	8.04	cps
Calcium	43-1	14800	14675	14533	14669	0.91	cps
Calcium	44-1	242681	241240	239146	241022	0.74	cps
Chromium	52-2	2470	2574	2530	2525	2.06	cps
Cobalt	59-2	2464	2460	2444	2456	0.44	cps
Copper	63-2	4211	4334	4094	4213	2.85	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	6086862	5883418	6041530	6003937	1.78	cps
Holmium	165-2	1175543	1173323	1173767	1174211	0.10	cps
Indium	115-1	4789853	4634647	4809016	4744505	2.02	cps
Indium	115-2	183176	184944	183162	183761	0.56	cps
Iron	56-2	180704	178354	179387	179482	0.66	cps
Iron	57-2	4645	4929	4534	4703	4.33	cps
Lead	206-1	10688	10655	10577	10640	0.54	cps
Lead	207-1	9926	9949	9793	9889	0.85	cps
Lead	208-1	44415	43285	44137	43946	1.34	cps
Lithium	6-1	799981	771579	800689	790750	2.10	cps
Magnesium	24-2	17820	18379	17678	17959	2.06	cps
Manganese	55-2	303	320	263	296	9.85	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:55:20	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24531	24665	24456	24551	0.43	cps
Molybdenum	95-1	28940	30168	29399	29502	2.10	cps
Molybdenum	96-1	33985	33125	33543	33551	1.28	cps
Molybdenum	97-1	18997	18397	18096	18497	2.48	cps
Molybdenum	98-1	47283	46623	48078	47328	1.54	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1187	1193	1170	1183	1.02	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	11547	11847	10721	11372	5.13	cps
Rhodium	103-1	4411400	4257412	4343065	4337292	1.78	cps
Rhodium	103-2	1061151	1061164	1066249	1062855	0.28	cps
Scandium	45-1	2447467	2344678	2423611	2405252	2.24	cps
Scandium	45-2	16186	16373	15933	16164	1.37	cps
Selenium	77-2	3	7	17	9	78.08	cps
Selenium	78-2	24	15	19	19	24.36	cps
Selenium	82-1	1007	978	914	966	4.94	cps
Silicon	28-1	387477	385279	384459	385738	0.40	cps
Silver	109-1	15151	13908	15067	14709	4.72	cps
Silver	107-1	16269	15401	14992	15554	4.19	cps
Sodium	23-2	47380	47071	47681	47377	0.64	cps
Strontium	86-1	4067	4151	4134	4117	1.07	cps
Strontium	88-1	33467	34169	33108	33581	1.61	cps
Sulfur	34-1	311940	315748	309649	312446	0.99	cps
Terbium	159-1	6234354	6065694	6228086	6176045	1.55	cps
Terbium	159-2	1125332	1126021	1128383	1126578	0.14	cps
Thallium	203-1	12515	13433	13099	13016	3.57	cps
Thallium	205-1	31565	32217	32651	32145	1.70	cps
Tin	118-1	51107	50580	50555	50747	0.61	cps
Titanium	47-1	7169	7202	7219	7197	0.35	cps
Uranium	238-1	42290	40408	39648	40782	3.34	cps
Vanadium	51-2	3744	3844	3767	3785	1.38	cps
Yttrium	89-1	4921745	4769777	4901003	4864175	1.69	cps
Yttrium	89-2	131048	129965	129527	130180	0.60	cps
Zinc	66-2	323	393	480	399	19.68	cps
Zirconium	90-1	21268	22086	21384	21579	2.05	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:55:20	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5093	5110	5118	5107	0.25	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 15:58:44 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	233	308	242	261	15.74	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	17	0	17	11	86.60	cps
Barium	137-1	42	58	83	61	34.32	cps
Beryllium	9-1	139	150	128	139	8.00	cps
Bismuth	209-1	4235880	4157420	4189049	4194116	0.94	cps
Bismuth	209-2	966475	969007	951433	962305	0.99	cps
Boron	10-1	625	583	608	606	3.46	cps
Boron	11-1	3067	2767	2909	2914	5.15	cps
Cadmium	111-1	537	599	536	557	6.52	cps
Cadmium	106-1	767	867	758	797	7.56	cps
Cadmium	108-1	0	17	17	11	86.60	cps
Calcium	43-1	658	742	608	669	10.06	cps
Calcium	44-1	11555	11464	11072	11363	2.26	cps
Chromium	52-2	303	270	263	279	7.68	cps
Cobalt	59-2	47	77	67	63	24.12	cps
Copper	63-2	113	77	63	84	30.67	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	6042004	5966130	6017950	6008695	0.65	cps
Holmium	165-2	1171661	1163220	1151024	1161968	0.89	cps
Indium	115-1	4779681	4726240	4775955	4760625	0.63	cps
Indium	115-2	183549	181580	179840	181657	1.02	cps
Iron	56-2	1433	1333	1356	1374	3.82	cps
Iron	57-2	33	28	0	20	87.67	cps
Lead	206-1	472	489	422	461	7.53	cps
Lead	207-1	433	472	400	435	8.31	cps
Lead	208-1	2039	1911	1733	1895	8.10	cps
Lithium	6-1	799519	794025	796954	796833	0.34	cps
Magnesium	24-2	158	192	242	197	21.27	cps
Manganese	55-2	10	27	20	19	44.42	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:58:44	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	133	200	169	19.88	cps
Molybdenum	95-1	83	25	67	58	51.51	cps
Molybdenum	96-1	92	58	92	81	23.89	cps
Molybdenum	97-1	42	58	42	47	20.38	cps
Molybdenum	98-1	83	50	83	72	26.65	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	343	400	350	364	8.50	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	2009	1709	2000	1906	8.97	cps
Rhodium	103-1	4345202	4329611	4399291	4358035	0.84	cps
Rhodium	103-2	1057550	1053254	1044196	1051667	0.65	cps
Scandium	45-1	2425406	2372687	2448100	2415397	1.60	cps
Scandium	45-2	16370	15856	16250	16158	1.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	5	-13	-30	-12	-141.96	cps
Silicon	28-1	296544	298720	298483	297916	0.40	cps
Silver	109-1	92	75	83	83	10.00	cps
Silver	107-1	117	175	133	142	21.21	cps
Sodium	23-2	7194	6593	7085	6958	4.60	cps
Strontium	86-1	408	442	383	411	7.12	cps
Strontium	88-1	150	108	92	117	25.76	cps
Sulfur	34-1	308082	311130	310265	309826	0.51	cps
Terbium	159-1	6242146	6239762	6227912	6236607	0.12	cps
Terbium	159-2	1124229	1118301	1106810	1116447	0.79	cps
Thallium	203-1	525	517	483	508	4.34	cps
Thallium	205-1	1342	1108	1200	1217	9.66	cps
Tin	118-1	867	1083	867	939	13.32	cps
Titanium	47-1	92	67	108	89	23.59	cps
Uranium	238-1	25	17	25	22	21.64	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Yttrium	89-1	4893506	4860544	4943572	4899207	0.85	cps
Yttrium	89-2	128258	129540	128332	128710	0.56	cps
Zinc	66-2	40	10	33	28	56.71	cps
Zirconium	90-1	417	308	383	369	15.02	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 15:58:44	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	92	117	89	32.92	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:02:08	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	158	100	133	22.53	cps
Antimony	121-1	29843	29317	28757	29305	1.85	cps
Arsenic	75-2	139	154	131	141	8.01	cps
Barium	135-1	31121	30035	29960	30372	2.14	cps
Barium	137-1	54815	52438	53007	53420	2.32	cps
Beryllium	9-1	1767	1839	1695	1767	4.09	cps
Bismuth	209-1	4110958	4121691	4113965	4115538	0.13	cps
Bismuth	209-2	949487	944649	917026	937054	1.87	cps
Boron	10-1	4301	4843	4543	4562	5.95	cps
Boron	11-1	21725	21592	22702	22007	2.75	cps
Cadmium	111-1	3617	3807	3517	3647	4.04	cps
Cadmium	106-1	1175	1242	1058	1158	8.01	cps
Cadmium	108-1	217	179	238	211	14.00	cps
Calcium	43-1	15309	14425	14133	14622	4.19	cps
Calcium	44-1	237419	236419	234495	236111	0.63	cps
Chromium	52-2	2527	2390	2340	2419	4.00	cps
Cobalt	59-2	2264	2304	2384	2317	2.64	cps
Copper	63-2	4197	4154	4181	4177	0.52	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	67	92	64	45.81	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5890489	5948101	5913033	5917208	0.49	cps
Holmium	165-2	1154621	1143702	1109596	1135973	2.07	cps
Indium	115-1	4687873	4728874	4655594	4690780	0.78	cps
Indium	115-2	179267	179496	173329	177364	1.97	cps
Iron	56-2	172375	174719	173901	173665	0.69	cps
Iron	57-2	4406	4390	4456	4417	0.79	cps
Lead	206-1	10188	10688	10299	10392	2.53	cps
Lead	207-1	9593	9849	9159	9533	3.66	cps
Lead	208-1	43297	43391	42580	43089	1.03	cps
Lithium	6-1	775255	787975	778381	780537	0.85	cps
Magnesium	24-2	17728	17820	17920	17823	0.54	cps
Manganese	55-2	383	247	307	312	21.94	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:02:08	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23789	24106	23388	23761	1.51	cps
Molybdenum	95-1	29099	28130	28272	28500	1.84	cps
Molybdenum	96-1	33258	32373	31613	32415	2.54	cps
Molybdenum	97-1	18079	18263	17971	18105	0.82	cps
Molybdenum	98-1	46706	46490	46322	46506	0.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1047	1130	1083	1087	3.84	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	10546	11155	10971	10891	2.87	cps
Rhodium	103-1	4250193	4300027	4282911	4277710	0.59	cps
Rhodium	103-2	1045991	1037248	1007374	1030204	1.97	cps
Scandium	45-1	2378787	2403660	2381530	2387993	0.57	cps
Scandium	45-2	15939	15889	15696	15841	0.81	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	33	19	22	25	31.22	cps
Selenium	82-1	985	963	910	953	4.04	cps
Silicon	28-1	379692	379605	377477	378925	0.33	cps
Silver	109-1	14583	14383	13991	14319	2.10	cps
Silver	107-1	15268	15526	14709	15167	2.76	cps
Sodium	23-2	46736	46243	47037	46672	0.86	cps
Strontium	86-1	4584	4184	3892	4220	8.23	cps
Strontium	88-1	33492	32423	33192	33036	1.67	cps
Sulfur	34-1	302754	308626	303019	304800	1.09	cps
Terbium	159-1	6121334	6133750	6110180	6121754	0.19	cps
Terbium	159-2	1103187	1093438	1064477	1087034	1.85	cps
Thallium	203-1	12957	12457	12607	12674	2.03	cps
Thallium	205-1	30530	30020	29878	30143	1.14	cps
Tin	118-1	50546	50312	49601	50153	0.98	cps
Titanium	47-1	7494	6560	7110	7055	6.65	cps
Uranium	238-1	40124	39631	39932	39896	0.62	cps
Vanadium	51-2	3894	3511	3891	3765	5.85	cps
Yttrium	89-1	4835430	4817351	4801343	4818041	0.35	cps
Yttrium	89-2	128737	127539	123677	126651	2.09	cps
Zinc	66-2	513	367	410	430	17.52	cps
Zirconium	90-1	20566	19548	21827	20647	5.53	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:02:08	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4943	4743	4493	4726	4.77	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:26:31	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193804	194878	190756	193146	1.11	cps
Antimony	121-1	3774322	3742241	3754013	3756858	0.43	cps
Arsenic	75-2	34497	34846	34417	34586	0.66	cps
Barium	135-1	3994538	3977851	3991235	3987875	0.22	cps
Barium	137-1	6900509	6931952	6938752	6923738	0.29	cps
Beryllium	9-1	405722	406660	401790	404724	0.64	cps
Bismuth	209-1	3893456	3837686	3838067	3856403	0.83	cps
Bismuth	209-2	890034	859054	902549	883879	2.53	cps
Boron	10-1	45623	45615	46719	45986	1.38	cps
Boron	11-1	215962	220250	224557	220256	1.95	cps
Cadmium	111-1	762232	767383	758457	762691	0.59	cps
Cadmium	106-1	79191	80910	79484	79861	1.15	cps
Cadmium	108-1	53807	54589	55192	54529	1.27	cps
Calcium	43-1	3632306	3671309	3681072	3661562	0.70	cps
Calcium	44-1	59323822	59673651	59410814	59469429	0.31	cps
Chromium	52-2	266693	268827	268436	267985	0.42	cps
Cobalt	59-2	585697	587890	585620	586402	0.22	cps
Copper	63-2	1001763	1008358	1007918	1006013	0.37	cps
Dysprosium	156-1	75	83	200	119	58.51	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	33	17	17	22	43.30	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	83	100	78	32.74	cps
Gadolinium	160-2	3	27	10	13	90.16	cps
Holmium	165-1	5827215	5879332	5946779	5884442	1.02	cps
Holmium	165-2	1142960	1098854	1151114	1130976	2.49	cps
Indium	115-1	4428252	4463044	4486674	4459324	0.66	cps
Indium	115-2	171088	163821	171048	168652	2.48	cps
Iron	56-2	44111084	44162712	44069377	44114391	0.11	cps
Iron	57-2	1118107	1128134	1120557	1122266	0.47	cps
Lead	206-1	2487236	2550459	2519920	2519205	1.26	cps
Lead	207-1	2304399	2310888	2300746	2305344	0.22	cps
Lead	208-1	10318830	10381268	10291360	10330486	0.45	cps
Lithium	6-1	752612	764048	759234	758631	0.76	cps
Magnesium	24-2	4464994	4518713	4487575	4490427	0.60	cps
Manganese	55-2	151670	153910	151747	152442	0.83	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:26:31	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6197051	6173965	6193205	6188074	0.20	cps
Molybdenum	95-1	7726155	7656191	7667969	7683438	0.49	cps
Molybdenum	96-1	8537324	8580422	8645780	8587842	0.64	cps
Molybdenum	97-1	4859795	4832246	4840308	4844116	0.29	cps
Molybdenum	98-1	12321509	12302061	12533509	12385693	1.04	cps
Neodymium	150-1	160	213	153	176	18.73	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	171295	170253	171457	171002	0.38	cps
Phosphorus	31-2	2575	2859	2409	2614	8.71	cps
Potassium	39-2	1263108	1273560	1300386	1279018	1.50	cps
Rhodium	103-1	3960656	4028885	4025795	4005112	0.96	cps
Rhodium	103-2	973843	933374	974874	960697	2.46	cps
Scandium	45-1	2392663	2424192	2406241	2407699	0.66	cps
Scandium	45-2	16036	14821	16230	15696	4.86	cps
Selenium	77-2	217	237	200	218	8.43	cps
Selenium	78-2	824	730	850	801	7.91	cps
Selenium	82-1	46569	46688	46716	46658	0.17	cps
Silicon	28-1	1598238	1590866	1603313	1597472	0.39	cps
Silver	109-1	4140418	4099140	4110215	4116591	0.52	cps
Silver	107-1	4285556	4335095	4283691	4301447	0.68	cps
Sodium	23-2	10465414	10536608	10533848	10511957	0.38	cps
Strontium	86-1	1005807	1002456	1010173	1006145	0.38	cps
Strontium	88-1	8689670	8655109	8736206	8693661	0.47	cps
Sulfur	34-1	564609	560878	557853	561113	0.60	cps
Terbium	159-1	6013950	6117884	6006333	6046056	1.03	cps
Terbium	159-2	1090712	1049704	1098316	1079577	2.42	cps
Thallium	203-1	3095151	3139702	3108129	3114327	0.74	cps
Thallium	205-1	7251019	7263426	7245375	7253273	0.13	cps
Tin	118-1	2612597	2595218	2617159	2608325	0.44	cps
Titanium	47-1	1864620	1829909	1859834	1851454	1.02	cps
Uranium	238-1	10490409	10504416	10497944	10497590	0.07	cps
Vanadium	51-2	199824	202677	200885	201128	0.72	cps
Yttrium	89-1	4778319	4765948	4783324	4775864	0.19	cps
Yttrium	89-2	126392	123571	127300	125754	1.55	cps
Zinc	66-2	91040	90990	90121	90717	0.57	cps
Zirconium	90-1	5276183	5289841	5316963	5294329	0.39	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:26:31	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1150359	1148482	1149315	1149385	0.08	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : CCB071 Instrumnet Name : P8
 Client Sample ID : CCB071 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 16:29:45 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	2075	2392	2484	2317	9.25	cps
Arsenic	75-2	7	4	0	4	100.05	cps
Barium	135-1	83	83	117	94	20.37	cps
Barium	137-1	83	117	133	111	22.91	cps
Beryllium	9-1	283	294	239	272	10.80	cps
Bismuth	209-1	4200638	4163161	4160356	4174718	0.54	cps
Bismuth	209-2	982397	967083	971770	973750	0.81	cps
Boron	10-1	1600	1508	1492	1533	3.80	cps
Boron	11-1	7727	6835	6302	6955	10.36	cps
Cadmium	111-1	654	680	587	640	7.53	cps
Cadmium	106-1	933	908	808	883	7.49	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Calcium	43-1	750	767	808	775	3.88	cps
Calcium	44-1	13015	12690	12831	12845	1.27	cps
Chromium	52-2	243	263	207	238	12.09	cps
Cobalt	59-2	53	50	50	51	3.76	cps
Copper	63-2	157	183	127	156	18.23	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	0	67	36	93.26	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6048986	6092600	6028413	6056667	0.54	cps
Holmium	165-2	1181925	1177652	1170713	1176763	0.48	cps
Indium	115-1	4809295	4763975	4839195	4804155	0.79	cps
Indium	115-2	185322	185458	184240	185007	0.36	cps
Iron	56-2	2450	2084	2234	2256	8.17	cps
Iron	57-2	61	72	50	61	18.18	cps
Lead	206-1	828	978	817	874	10.30	cps
Lead	207-1	833	767	845	815	5.16	cps
Lead	208-1	3628	3750	3356	3578	5.64	cps
Lithium	6-1	806236	806630	807971	806945	0.11	cps
Magnesium	24-2	142	233	217	197	24.76	cps
Manganese	55-2	3	20	27	17	72.13	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:29:45	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	442	450	478	11.61	cps
Molybdenum	95-1	525	450	542	506	9.66	cps
Molybdenum	96-1	517	525	592	544	7.55	cps
Molybdenum	97-1	242	367	408	339	25.59	cps
Molybdenum	98-1	767	692	867	775	11.33	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	423	320	350	364	14.59	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2017	1750	1934	1900	7.18	cps
Rhodium	103-1	4414671	4411993	4403218	4409961	0.14	cps
Rhodium	103-2	1080555	1069658	1065427	1071880	0.73	cps
Scandium	45-1	2481551	2472212	2459515	2471093	0.45	cps
Scandium	45-2	16487	16750	16660	16632	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-18	-79	-16	-38	-94.09	cps
Silicon	28-1	301462	305682	299813	302319	1.00	cps
Silver	109-1	183	258	250	231	17.83	cps
Silver	107-1	183	275	250	236	20.07	cps
Sodium	23-2	8470	8111	7944	8175	3.28	cps
Strontium	86-1	433	550	483	489	11.97	cps
Strontium	88-1	333	342	417	364	12.61	cps
Sulfur	34-1	314040	316599	313324	314654	0.55	cps
Terbium	159-1	6241852	6197051	6245530	6228144	0.43	cps
Terbium	159-2	1130074	1133997	1132999	1132357	0.18	cps
Thallium	203-1	1183	1125	933	1081	12.10	cps
Thallium	205-1	2684	2584	2284	2517	8.27	cps
Tin	118-1	1317	1550	1425	1431	8.16	cps
Titanium	47-1	158	125	75	119	35.12	cps
Uranium	238-1	183	158	208	183	13.64	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	4959370	4939824	4958435	4952543	0.22	cps
Yttrium	89-2	132535	132347	131738	132207	0.32	cps
Zinc	66-2	60	53	40	51	19.92	cps
Zirconium	90-1	550	583	608	581	5.04	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:29:45	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	217	133	161	29.86	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:33:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	17	33	43.30	cps
Antimony	121-1	2634	2667	2834	2712	3.95	cps
Arsenic	75-2	20	35	33	30	27.25	cps
Barium	135-1	1992	2209	2025	2075	5.62	cps
Barium	137-1	3817	3542	3817	3726	4.26	cps
Beryllium	9-1	417	372	328	372	11.94	cps
Bismuth	209-1	4192104	4238507	4142896	4191169	1.14	cps
Bismuth	209-2	975762	970848	971507	972706	0.27	cps
Boron	10-1	817	708	633	720	12.81	cps
Boron	11-1	3192	3334	3226	3251	2.28	cps
Cadmium	111-1	1240	1158	1139	1179	4.54	cps
Cadmium	106-1	1175	967	925	1022	13.10	cps
Cadmium	108-1	71	50	54	58	18.90	cps
Calcium	43-1	2317	2017	2142	2159	6.98	cps
Calcium	44-1	32923	33341	34502	33589	2.44	cps
Chromium	52-2	367	433	437	412	9.58	cps
Cobalt	59-2	423	333	387	381	11.88	cps
Copper	63-2	800	720	857	792	8.67	cps
Dysprosium	156-1	17	0	58	25	120.18	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6001892	6062302	6028985	6031060	0.50	cps
Holmium	165-2	1175657	1169166	1174918	1173247	0.30	cps
Indium	115-1	4789204	4824376	4741438	4785006	0.87	cps
Indium	115-2	186031	183519	182524	184025	0.98	cps
Iron	56-2	6463	5940	6607	6337	5.54	cps
Iron	57-2	111	206	156	157	30.02	cps
Lead	206-1	1995	1950	2072	2006	3.09	cps
Lead	207-1	1811	1850	1695	1785	4.54	cps
Lead	208-1	7918	7879	8368	8055	3.37	cps
Lithium	6-1	794242	810100	797373	800572	1.05	cps
Magnesium	24-2	767	725	583	692	13.90	cps
Manganese	55-2	107	77	117	100	20.82	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:33:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3342	3126	3092	3187	4.26	cps
Molybdenum	95-1	4134	4384	4076	4198	3.90	cps
Molybdenum	96-1	4376	4668	4559	4534	3.25	cps
Molybdenum	97-1	2259	2434	2584	2425	6.71	cps
Molybdenum	98-1	6544	6068	6360	6324	3.79	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	433	400	400	411	4.68	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2134	1834	2025	1997	7.61	cps
Rhodium	103-1	4351310	4390961	4365748	4369340	0.46	cps
Rhodium	103-2	1070046	1064498	1058410	1064318	0.55	cps
Scandium	45-1	2439427	2429943	2452380	2440583	0.46	cps
Scandium	45-2	16323	16520	16173	16339	1.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	41	70	7	39	80.36	cps
Silicon	28-1	305222	300416	301489	302376	0.83	cps
Silver	109-1	1817	1950	1542	1770	11.77	cps
Silver	107-1	1750	2234	1950	1978	12.28	cps
Sodium	23-2	8795	8503	8528	8609	1.88	cps
Strontium	86-1	1025	1033	1150	1070	6.54	cps
Strontium	88-1	5143	5068	5201	5137	1.30	cps
Sulfur	34-1	314533	314418	311328	313426	0.58	cps
Terbium	159-1	6249219	6237521	6178997	6221912	0.60	cps
Terbium	159-2	1129124	1123911	1128029	1127021	0.24	cps
Thallium	203-1	2059	2225	2259	2181	4.91	cps
Thallium	205-1	5276	5410	5318	5335	1.28	cps
Tin	118-1	1984	2200	2092	2092	5.18	cps
Titanium	47-1	1042	1092	892	1008	10.32	cps
Uranium	238-1	5718	5410	5176	5435	5.00	cps
Vanadium	51-2	127	120	97	114	13.76	cps
Yttrium	89-1	4914579	4949180	4919182	4927647	0.38	cps
Yttrium	89-2	132579	130719	129541	130946	1.17	cps
Zinc	66-2	120	150	130	133	11.46	cps
Zirconium	90-1	2984	2859	3201	3014	5.74	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:33:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	733	625	675	8.10	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:36:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	83	33	47	66.82	cps
Antimony	121-1	2192	2267	2375	2278	4.05	cps
Arsenic	75-2	33	24	22	27	22.43	cps
Barium	135-1	2067	1784	2117	1989	9.04	cps
Barium	137-1	3851	3476	3726	3684	5.18	cps
Beryllium	9-1	339	428	411	393	12.04	cps
Bismuth	209-1	4166810	4166109	4148197	4160372	0.25	cps
Bismuth	209-2	963150	968178	961300	964209	0.37	cps
Boron	10-1	517	575	483	525	8.84	cps
Boron	11-1	2300	2359	1992	2217	8.89	cps
Cadmium	111-1	921	1059	891	957	9.36	cps
Cadmium	106-1	808	917	758	828	9.78	cps
Cadmium	108-1	17	29	33	26	32.86	cps
Calcium	43-1	983	1067	1158	1070	8.18	cps
Calcium	44-1	15901	16360	16110	16124	1.42	cps
Chromium	52-2	427	417	307	383	17.37	cps
Cobalt	59-2	433	397	393	408	5.44	cps
Copper	63-2	707	607	650	654	7.66	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	6023666	5965910	6001671	5997082	0.49	cps
Holmium	165-2	1165049	1171510	1157629	1164730	0.60	cps
Indium	115-1	4759827	4765063	4730842	4751911	0.39	cps
Indium	115-2	184764	183859	182399	183674	0.65	cps
Iron	56-2	6302	6207	6168	6226	1.10	cps
Iron	57-2	156	239	133	176	31.63	cps
Lead	206-1	1828	1728	1795	1784	2.86	cps
Lead	207-1	1617	1578	1489	1561	4.20	cps
Lead	208-1	7179	7251	6934	7121	2.33	cps
Lithium	6-1	796481	796537	790935	794651	0.40	cps
Magnesium	24-2	675	742	575	664	12.64	cps
Manganese	55-2	120	83	93	99	19.16	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:36:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3434	3367	3067	3289	5.94	cps
Molybdenum	95-1	3967	4017	4001	3995	0.64	cps
Molybdenum	96-1	4659	4518	4659	4612	1.77	cps
Molybdenum	97-1	2600	2542	2367	2503	4.85	cps
Molybdenum	98-1	6185	6318	6185	6229	1.24	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	447	403	437	6.78	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	1784	1775	1925	1828	4.61	cps
Rhodium	103-1	4399408	4360529	4381847	4380595	0.44	cps
Rhodium	103-2	1053888	1065951	1053310	1057716	0.67	cps
Scandium	45-1	2416767	2413153	2434719	2421546	0.48	cps
Scandium	45-2	16310	16660	16753	16574	1.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	44	-57	40	9	620.60	cps
Silicon	28-1	301442	297812	300380	299878	0.62	cps
Silver	109-1	1917	1792	1750	1820	4.77	cps
Silver	107-1	1750	1984	1842	1859	6.33	cps
Sodium	23-2	8453	8144	8478	8358	2.22	cps
Strontium	86-1	958	833	917	903	7.05	cps
Strontium	88-1	4393	4584	4209	4395	4.27	cps
Sulfur	34-1	312238	310636	313912	312262	0.52	cps
Terbium	159-1	6168986	6195407	6193253	6185882	0.24	cps
Terbium	159-2	1123079	1117725	1116633	1119146	0.31	cps
Thallium	203-1	1984	2134	1850	1989	7.13	cps
Thallium	205-1	4401	4551	4910	4621	5.65	cps
Tin	118-1	2000	2184	1800	1995	9.61	cps
Titanium	47-1	1133	1000	1108	1081	6.56	cps
Uranium	238-1	5385	5335	5193	5304	1.88	cps
Vanadium	51-2	97	93	127	106	17.39	cps
Yttrium	89-1	4923443	4857177	4846495	4875705	0.85	cps
Yttrium	89-2	132495	131653	129342	131163	1.24	cps
Zinc	66-2	50	60	80	63	24.12	cps
Zirconium	90-1	2984	3050	2834	2956	3.76	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:36:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	608	625	636	5.45	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	8	36	66.62	cps
Antimony	121-1	2200	2017	2184	2134	4.75	cps
Arsenic	75-2	20	15	11	15	30.20	cps
Barium	135-1	2150	1817	1942	1970	8.55	cps
Barium	137-1	3459	3417	3651	3509	3.55	cps
Beryllium	9-1	350	356	322	343	5.21	cps
Bismuth	209-1	4197262	4170828	4154603	4174231	0.52	cps
Bismuth	209-2	971085	972095	867544	936908	6.41	cps
Boron	10-1	517	467	442	475	8.04	cps
Boron	11-1	2000	1867	1792	1886	5.59	cps
Cadmium	111-1	999	1085	853	979	12.01	cps
Cadmium	106-1	875	975	792	881	10.43	cps
Cadmium	108-1	25	50	50	42	34.64	cps
Calcium	43-1	808	950	1000	920	10.81	cps
Calcium	44-1	15501	16077	16852	16143	4.20	cps
Chromium	52-2	423	480	410	438	8.49	cps
Cobalt	59-2	333	330	350	338	3.17	cps
Copper	63-2	590	620	643	618	4.33	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5975767	5945909	5981263	5967647	0.32	cps
Holmium	165-2	1171147	1173787	1049949	1131628	6.25	cps
Indium	115-1	4743495	4745488	4755575	4748186	0.14	cps
Indium	115-2	184542	185460	165560	178520	6.29	cps
Iron	56-2	6040	5601	5340	5661	6.25	cps
Iron	57-2	139	172	133	148	14.20	cps
Lead	206-1	1689	1661	1722	1691	1.81	cps
Lead	207-1	1645	1467	1506	1539	6.07	cps
Lead	208-1	7112	6973	6829	6971	2.03	cps
Lithium	6-1	787740	790736	791470	789982	0.25	cps
Magnesium	24-2	758	658	600	672	11.91	cps
Manganese	55-2	120	120	67	102	30.12	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3476	3125	3284	3295	5.32	cps
Molybdenum	95-1	3801	3776	3751	3776	0.66	cps
Molybdenum	96-1	4201	4276	4017	4165	3.19	cps
Molybdenum	97-1	2309	2392	2484	2395	3.66	cps
Molybdenum	98-1	6093	6060	5993	6049	0.84	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	467	397	467	443	9.12	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2217	1909	2067	2064	7.47	cps
Rhodium	103-1	4346282	4373771	4291050	4337035	0.97	cps
Rhodium	103-2	1071397	1064124	960356	1031959	6.02	cps
Scandium	45-1	2414529	2409462	2424457	2416149	0.32	cps
Scandium	45-2	16690	16787	15245	16241	5.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-44	18	27	0	10641.13	cps
Silicon	28-1	300529	298278	298100	298969	0.45	cps
Silver	109-1	1625	1784	1725	1711	4.68	cps
Silver	107-1	1834	1884	1784	1834	2.73	cps
Sodium	23-2	7902	8161	7661	7908	3.16	cps
Strontium	86-1	908	1042	1008	986	7.04	cps
Strontium	88-1	4468	4201	4743	4470	6.06	cps
Sulfur	34-1	312677	310510	311702	311630	0.35	cps
Terbium	159-1	6115000	6180412	6164796	6153403	0.56	cps
Terbium	159-2	1126876	1124993	1011086	1087652	6.10	cps
Thallium	203-1	1684	1709	1992	1795	9.54	cps
Thallium	205-1	4676	4718	4534	4643	2.07	cps
Tin	118-1	2025	1925	1975	1975	2.53	cps
Titanium	47-1	875	1025	942	947	7.94	cps
Uranium	238-1	5585	5035	5335	5318	5.18	cps
Vanadium	51-2	117	80	87	94	20.68	cps
Yttrium	89-1	4863378	4892782	4914208	4890122	0.52	cps
Yttrium	89-2	133902	131969	118163	128011	6.71	cps
Zinc	66-2	63	63	80	69	13.97	cps
Zirconium	90-1	2800	2817	2875	2831	1.39	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:39:56	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	642	617	667	9.92	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:43:21	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	58	33	66.14	cps
Antimony	121-1	2225	2350	2192	2256	3.70	cps
Arsenic	75-2	19	20	13	17	22.31	cps
Barium	135-1	2284	2050	1984	2106	7.48	cps
Barium	137-1	4001	3851	3659	3837	4.47	cps
Beryllium	9-1	389	306	372	356	12.40	cps
Bismuth	209-1	4189750	4138212	4068061	4132008	1.48	cps
Bismuth	209-2	964387	966507	965506	965467	0.11	cps
Boron	10-1	375	392	367	378	3.37	cps
Boron	11-1	1792	1709	1717	1739	2.64	cps
Cadmium	111-1	962	940	923	942	2.11	cps
Cadmium	106-1	908	850	842	867	4.19	cps
Cadmium	108-1	46	54	42	47	13.48	cps
Calcium	43-1	908	867	1058	945	10.67	cps
Calcium	44-1	16260	16819	15693	16257	3.46	cps
Chromium	52-2	420	430	437	429	1.95	cps
Cobalt	59-2	383	367	317	356	9.76	cps
Copper	63-2	600	650	573	608	6.40	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	17	0	17	11	86.60	cps
Gadolinium	160-2	0	0	10	3	173.21	cps
Holmium	165-1	5994094	6039338	5890433	5974622	1.28	cps
Holmium	165-2	1161054	1171855	1164856	1165922	0.47	cps
Indium	115-1	4725042	4795129	4621310	4713827	1.86	cps
Indium	115-2	182075	184287	183363	183242	0.61	cps
Iron	56-2	5885	6051	5740	5892	2.64	cps
Iron	57-2	161	144	144	150	6.42	cps
Lead	206-1	1839	1861	1661	1787	6.13	cps
Lead	207-1	1428	1528	1734	1563	9.97	cps
Lead	208-1	6945	7123	7218	7095	1.95	cps
Lithium	6-1	792051	792072	774164	786095	1.31	cps
Magnesium	24-2	658	667	675	667	1.25	cps
Manganese	55-2	83	83	97	88	8.77	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:43:21	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3626	3259	3267	3384	6.19	cps
Molybdenum	95-1	3851	4101	3892	3948	3.39	cps
Molybdenum	96-1	4409	4384	4117	4304	3.76	cps
Molybdenum	97-1	2767	2609	2159	2511	12.57	cps
Molybdenum	98-1	6477	6093	6769	6446	5.25	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	463	500	477	480	3.87	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2050	2067	2167	2095	3.01	cps
Rhodium	103-1	4362488	4387531	4290500	4346840	1.16	cps
Rhodium	103-2	1058457	1068078	1063469	1063335	0.45	cps
Scandium	45-1	2435411	2454303	2397371	2429029	1.19	cps
Scandium	45-2	16106	16713	16617	16479	1.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-53	26	-28	-18	-221.59	cps
Silicon	28-1	303716	300240	302715	302224	0.59	cps
Silver	109-1	2000	1692	1784	1825	8.68	cps
Silver	107-1	1834	2009	1767	1870	6.68	cps
Sodium	23-2	8019	8028	8028	8025	0.06	cps
Strontium	86-1	717	917	875	836	12.62	cps
Strontium	88-1	4217	4534	4334	4362	3.67	cps
Sulfur	34-1	311004	317051	316512	314856	1.06	cps
Terbium	159-1	6180630	6233331	6088437	6167466	1.19	cps
Terbium	159-2	1116622	1126293	1115269	1119395	0.54	cps
Thallium	203-1	1909	1984	1792	1895	5.10	cps
Thallium	205-1	4418	4743	4443	4534	3.99	cps
Tin	118-1	2050	1934	1959	1981	3.10	cps
Titanium	47-1	1042	1108	1175	1108	6.02	cps
Uranium	238-1	5226	5293	5677	5399	4.50	cps
Vanadium	51-2	87	143	130	120	24.69	cps
Yttrium	89-1	4914750	4947341	4767607	4876566	1.96	cps
Yttrium	89-2	130234	131381	131596	131070	0.56	cps
Zinc	66-2	67	93	73	78	17.85	cps
Zirconium	90-1	2900	2842	2817	2853	1.50	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:43:21	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783	533	533	617	23.41	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:46:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	50	39	24.75	cps
Antimony	121-1	1959	2275	2225	2153	7.91	cps
Arsenic	75-2	33	26	30	30	12.49	cps
Barium	135-1	1825	2067	1975	1956	6.24	cps
Barium	137-1	3867	3467	3767	3701	5.63	cps
Beryllium	9-1	350	372	367	363	3.19	cps
Bismuth	209-1	4132020	4208173	4182024	4174073	0.93	cps
Bismuth	209-2	977958	971980	969998	973312	0.43	cps
Boron	10-1	408	367	383	386	5.43	cps
Boron	11-1	1659	1734	1475	1622	8.19	cps
Cadmium	111-1	946	939	1112	999	9.82	cps
Cadmium	106-1	783	842	942	856	9.36	cps
Cadmium	108-1	33	54	38	42	26.47	cps
Calcium	43-1	1042	908	1025	992	7.33	cps
Calcium	44-1	16060	16360	16327	16249	1.01	cps
Chromium	52-2	427	437	433	432	1.18	cps
Cobalt	59-2	347	387	410	381	8.40	cps
Copper	63-2	623	587	593	601	3.25	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	6060760	6026772	6076664	6054732	0.42	cps
Holmium	165-2	1179248	1169271	1169269	1172596	0.49	cps
Indium	115-1	4798737	4834337	4770434	4801169	0.67	cps
Indium	115-2	187075	184548	184488	185370	0.80	cps
Iron	56-2	5996	6341	5940	6092	3.56	cps
Iron	57-2	144	189	178	170	13.58	cps
Lead	206-1	1734	1528	1722	1661	6.96	cps
Lead	207-1	1511	1489	1650	1550	5.63	cps
Lead	208-1	6834	6590	6990	6805	2.96	cps
Lithium	6-1	792982	797186	797682	795950	0.32	cps
Magnesium	24-2	583	633	692	636	8.52	cps
Manganese	55-2	107	93	107	102	7.53	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:46:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3117	3242	3000	3120	3.87	cps
Molybdenum	95-1	3984	3759	3851	3865	2.93	cps
Molybdenum	96-1	4718	4559	4101	4459	7.18	cps
Molybdenum	97-1	2334	2475	2284	2364	4.21	cps
Molybdenum	98-1	5952	6293	6002	6082	3.04	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	413	430	433	426	2.52	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2375	1925	1842	2047	14.02	cps
Rhodium	103-1	4350368	4369347	4373549	4364421	0.28	cps
Rhodium	103-2	1068425	1072060	1066861	1069115	0.25	cps
Scandium	45-1	2456208	2430464	2452671	2446448	0.57	cps
Scandium	45-2	16296	16573	16443	16438	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	2	3	124.95	cps
Selenium	82-1	30	4	48	28	80.27	cps
Silicon	28-1	304186	304414	306753	305118	0.47	cps
Silver	109-1	1684	1750	1575	1670	5.29	cps
Silver	107-1	1875	1884	2050	1936	5.10	cps
Sodium	23-2	8328	7502	7544	7791	5.97	cps
Strontium	86-1	967	975	983	975	0.86	cps
Strontium	88-1	4284	4318	4134	4245	2.30	cps
Sulfur	34-1	319910	319062	323168	320713	0.68	cps
Terbium	159-1	6202829	6157745	6274149	6211574	0.94	cps
Terbium	159-2	1141253	1128112	1125508	1131624	0.75	cps
Thallium	203-1	1867	1775	1775	1806	2.93	cps
Thallium	205-1	4393	4334	4401	4376	0.83	cps
Tin	118-1	1859	2092	1967	1972	5.92	cps
Titanium	47-1	925	1033	1275	1078	16.63	cps
Uranium	238-1	5276	5301	4843	5140	5.02	cps
Vanadium	51-2	123	117	140	127	9.49	cps
Yttrium	89-1	4924096	4924478	4910168	4919581	0.17	cps
Yttrium	89-2	133259	131963	131038	132086	0.84	cps
Zinc	66-2	47	73	60	60	22.22	cps
Zirconium	90-1	3000	2967	2717	2895	5.35	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:46:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	608	633	633	3.95	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:50:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	33	36	35.25	cps
Antimony	121-1	1775	1792	2084	1884	9.21	cps
Arsenic	75-2	31	22	22	25	21.13	cps
Barium	135-1	2234	2150	2092	2159	3.30	cps
Barium	137-1	3651	3676	3534	3620	2.09	cps
Beryllium	9-1	328	361	322	337	6.24	cps
Bismuth	209-1	4135098	4009582	4179802	4108161	2.15	cps
Bismuth	209-2	975201	971232	969129	971854	0.32	cps
Boron	10-1	367	333	400	367	9.09	cps
Boron	11-1	1692	1608	1700	1667	3.04	cps
Cadmium	111-1	1015	943	1048	1002	5.38	cps
Cadmium	106-1	883	842	867	864	2.43	cps
Cadmium	108-1	58	25	54	46	39.63	cps
Calcium	43-1	1000	950	950	967	2.99	cps
Calcium	44-1	15826	15534	15876	15746	1.17	cps
Chromium	52-2	357	383	433	391	9.95	cps
Cobalt	59-2	383	343	340	356	6.78	cps
Copper	63-2	590	670	720	660	9.94	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	17	50	25	88.19	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	6023225	5776012	6023357	5940865	2.40	cps
Holmium	165-2	1180143	1169764	1167881	1172596	0.56	cps
Indium	115-1	4747758	4554537	4759531	4687275	2.46	cps
Indium	115-2	185810	182542	183959	184104	0.89	cps
Iron	56-2	5712	5957	5590	5753	3.25	cps
Iron	57-2	111	172	161	148	21.98	cps
Lead	206-1	1439	1839	1667	1648	12.18	cps
Lead	207-1	1550	1378	1445	1458	5.96	cps
Lead	208-1	6501	6923	6801	6742	3.22	cps
Lithium	6-1	791655	762100	797387	783714	2.42	cps
Magnesium	24-2	800	825	558	728	20.24	cps
Manganese	55-2	80	120	80	93	24.74	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:50:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3309	3184	3259	3251	1.94	cps
Molybdenum	95-1	3759	3867	4001	3876	3.12	cps
Molybdenum	96-1	4309	4384	4168	4287	2.57	cps
Molybdenum	97-1	2350	2384	2434	2389	1.76	cps
Molybdenum	98-1	6402	6444	6168	6338	2.34	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	500	487	347	444	19.11	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1942	1942	1984	1956	1.23	cps
Rhodium	103-1	4362382	4219254	4376788	4319474	2.02	cps
Rhodium	103-2	1067347	1061557	1059349	1062751	0.39	cps
Scandium	45-1	2425252	2315257	2464274	2401594	3.22	cps
Scandium	45-2	16517	16340	16166	16341	1.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	20	-30	23	4	688.02	cps
Silicon	28-1	305286	305291	301037	303871	0.81	cps
Silver	109-1	1959	1825	1842	1875	3.87	cps
Silver	107-1	1775	1900	1959	1878	4.99	cps
Sodium	23-2	7719	8161	8161	8014	3.18	cps
Strontium	86-1	867	850	983	900	8.07	cps
Strontium	88-1	4101	4293	4218	4204	2.30	cps
Sulfur	34-1	321548	318334	322341	320741	0.66	cps
Terbium	159-1	6136906	5962533	6165373	6088271	1.80	cps
Terbium	159-2	1134477	1120568	1122173	1125739	0.68	cps
Thallium	203-1	2009	2050	2042	2034	1.08	cps
Thallium	205-1	4551	4634	4101	4429	6.48	cps
Tin	118-1	2067	2200	1975	2081	5.44	cps
Titanium	47-1	908	1067	1175	1050	12.77	cps
Uranium	238-1	5085	5135	4818	5012	3.40	cps
Vanadium	51-2	83	83	147	104	35.01	cps
Yttrium	89-1	4903274	4734363	4880733	4839457	1.90	cps
Yttrium	89-2	132303	130664	131206	131391	0.64	cps
Zinc	66-2	83	77	90	83	8.00	cps
Zirconium	90-1	2767	3076	2684	2842	7.26	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:50:09	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	625	575	589	5.36	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:53:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	42	28	45.82	cps
Antimony	121-1	1850	1767	1992	1870	6.09	cps
Arsenic	75-2	15	24	22	20	24.06	cps
Barium	135-1	2025	2084	1725	1945	9.89	cps
Barium	137-1	3592	3584	3617	3598	0.48	cps
Beryllium	9-1	289	283	339	304	10.07	cps
Bismuth	209-1	4145130	4129595	4097384	4124036	0.59	cps
Bismuth	209-2	960285	960425	952384	957698	0.48	cps
Boron	10-1	342	350	225	306	22.87	cps
Boron	11-1	1683	1483	1442	1536	8.41	cps
Cadmium	111-1	956	1085	1049	1030	6.45	cps
Cadmium	106-1	917	875	925	906	2.96	cps
Cadmium	108-1	63	33	33	43	39.12	cps
Calcium	43-1	1225	842	783	950	25.26	cps
Calcium	44-1	16727	16043	15876	16216	2.78	cps
Chromium	52-2	453	387	377	406	10.28	cps
Cobalt	59-2	427	367	387	393	7.77	cps
Copper	63-2	563	707	687	652	11.90	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	58	39	44.61	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5996616	5944345	5942032	5960998	0.52	cps
Holmium	165-2	1158104	1160408	1142552	1153688	0.84	cps
Indium	115-1	4720068	4710634	4724434	4718379	0.15	cps
Indium	115-2	181771	182573	178624	180989	1.15	cps
Iron	56-2	5624	5963	5779	5788	2.93	cps
Iron	57-2	150	183	78	137	39.38	cps
Lead	206-1	1767	1834	1567	1722	8.06	cps
Lead	207-1	1517	1517	1406	1480	4.34	cps
Lead	208-1	6851	7134	6518	6834	4.52	cps
Lithium	6-1	790077	784810	785361	786749	0.37	cps
Magnesium	24-2	675	625	567	622	8.71	cps
Manganese	55-2	107	67	63	79	30.57	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:53:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3309	3459	3409	3392	2.25	cps
Molybdenum	95-1	3867	3726	3851	3815	2.03	cps
Molybdenum	96-1	4118	4393	4351	4287	3.46	cps
Molybdenum	97-1	2375	2667	2484	2509	5.88	cps
Molybdenum	98-1	6060	5993	6177	6077	1.53	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	460	540	500	500	8.00	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1684	1767	1892	1781	5.89	cps
Rhodium	103-1	4385690	4313025	4310400	4336371	0.99	cps
Rhodium	103-2	1053699	1056266	1034524	1048163	1.13	cps
Scandium	45-1	2412299	2397568	2407385	2405751	0.31	cps
Scandium	45-2	15946	16413	16270	16210	1.48	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	55	43	28	42	32.54	cps
Silicon	28-1	296151	301666	299036	298951	0.92	cps
Silver	109-1	1634	1900	1592	1709	9.79	cps
Silver	107-1	1959	2050	1867	1959	4.68	cps
Sodium	23-2	7836	7486	7461	7594	2.76	cps
Strontium	86-1	942	950	942	945	0.51	cps
Strontium	88-1	4284	4418	3934	4212	5.93	cps
Sulfur	34-1	319674	319828	320984	320162	0.22	cps
Terbium	159-1	6139049	6076141	6124304	6113165	0.54	cps
Terbium	159-2	1115804	1115662	1097020	1109495	0.97	cps
Thallium	203-1	2075	1842	1950	1956	5.97	cps
Thallium	205-1	4293	4226	4368	4295	1.65	cps
Tin	118-1	1917	1709	1817	1814	5.75	cps
Titanium	47-1	958	1042	1083	1028	6.19	cps
Uranium	238-1	5702	5552	5435	5563	2.40	cps
Vanadium	51-2	120	120	93	111	13.85	cps
Yttrium	89-1	4890360	4849580	4867990	4869310	0.42	cps
Yttrium	89-2	130102	129854	127478	129145	1.12	cps
Zinc	66-2	77	73	60	70	12.60	cps
Zirconium	90-1	2950	2817	2809	2859	2.78	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P8
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:53:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	642	608	617	3.58	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:56:57	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	33	22	57.29	cps
Antimony	121-1	1850	1825	1800	1825	1.37	cps
Arsenic	75-2	26	19	19	21	20.38	cps
Barium	135-1	1909	2092	1884	1961	5.80	cps
Barium	137-1	3651	3426	3276	3451	5.47	cps
Beryllium	9-1	356	311	250	306	17.34	cps
Bismuth	209-1	4095649	4127967	3775047	3999554	4.88	cps
Bismuth	209-2	954515	943015	951705	949745	0.63	cps
Boron	10-1	292	342	300	311	8.61	cps
Boron	11-1	1400	1408	1292	1367	4.76	cps
Cadmium	111-1	973	991	955	973	1.86	cps
Cadmium	106-1	858	825	858	847	2.27	cps
Cadmium	108-1	46	46	42	44	5.40	cps
Calcium	43-1	1058	983	942	995	5.95	cps
Calcium	44-1	16552	16352	15618	16174	3.04	cps
Chromium	52-2	437	383	430	417	6.97	cps
Cobalt	59-2	380	320	310	337	11.25	cps
Copper	63-2	660	640	557	619	8.86	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5881490	5887889	5487421	5752267	3.99	cps
Holmium	165-2	1147003	1139984	1148522	1145170	0.40	cps
Indium	115-1	4663951	4699906	4345373	4569743	4.27	cps
Indium	115-2	181996	178685	179331	180004	0.97	cps
Iron	56-2	5757	6013	5712	5827	2.78	cps
Iron	57-2	139	122	217	159	31.65	cps
Lead	206-1	1834	1645	1722	1734	5.48	cps
Lead	207-1	1461	1406	1361	1409	3.56	cps
Lead	208-1	6834	6479	6923	6745	3.49	cps
Lithium	6-1	781599	787222	729968	766263	4.12	cps
Magnesium	24-2	733	683	700	706	3.61	cps
Manganese	55-2	113	83	127	108	20.59	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:56:57	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3442	3176	3101	3239	5.54	cps
Molybdenum	95-1	3967	4151	3676	3931	6.10	cps
Molybdenum	96-1	3976	4143	4759	4293	9.62	cps
Molybdenum	97-1	2659	2384	2350	2464	6.87	cps
Molybdenum	98-1	5993	6043	5943	5993	0.83	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	483	413	400	432	10.36	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2000	1817	1742	1853	7.17	cps
Rhodium	103-1	4264028	4318592	3977930	4186850	4.37	cps
Rhodium	103-2	1048289	1035355	1043958	1042534	0.63	cps
Scandium	45-1	2403233	2395987	2201268	2333496	4.91	cps
Scandium	45-2	16523	16223	16396	16381	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	17	-46	44	5	921.69	cps
Silicon	28-1	302508	299959	304210	302226	0.71	cps
Silver	109-1	1734	1442	1667	1614	9.47	cps
Silver	107-1	1909	1684	1675	1756	7.54	cps
Sodium	23-2	8044	7736	7903	7894	1.96	cps
Strontium	86-1	967	775	858	867	11.09	cps
Strontium	88-1	4193	4484	4334	4337	3.36	cps
Sulfur	34-1	317595	316565	317059	317073	0.16	cps
Terbium	159-1	6079460	6093095	5625093	5932549	4.49	cps
Terbium	159-2	1106034	1095376	1100709	1100706	0.48	cps
Thallium	203-1	1925	1717	1784	1809	5.88	cps
Thallium	205-1	4351	4743	4018	4370	8.31	cps
Tin	118-1	1959	2092	1900	1984	4.95	cps
Titanium	47-1	942	1033	775	917	14.29	cps
Uranium	238-1	5160	5101	4968	5076	1.94	cps
Vanadium	51-2	143	133	133	137	4.22	cps
Yttrium	89-1	4837189	4859026	4486836	4727684	4.42	cps
Yttrium	89-2	129409	128023	128336	128589	0.57	cps
Zinc	66-2	87	80	83	83	4.00	cps
Zirconium	90-1	2684	2867	2559	2703	5.74	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-1	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 16:56:57	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	733	658	656	12.08	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:00:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	75	50	50	50.00	cps
Antimony	121-1	1667	1975	1800	1814	8.53	cps
Arsenic	75-2	6	22	26	18	60.60	cps
Barium	135-1	1792	1925	1725	1814	5.61	cps
Barium	137-1	3217	3384	3201	3267	3.10	cps
Beryllium	9-1	350	289	333	324	9.75	cps
Bismuth	209-1	3737844	3930980	3755554	3808126	2.80	cps
Bismuth	209-2	915817	920800	915671	917429	0.32	cps
Boron	10-1	192	275	275	247	19.46	cps
Boron	11-1	1408	1208	1283	1300	7.77	cps
Cadmium	111-1	898	913	890	900	1.27	cps
Cadmium	106-1	858	692	733	761	11.40	cps
Cadmium	108-1	58	25	33	39	44.62	cps
Calcium	43-1	933	842	800	858	7.95	cps
Calcium	44-1	15434	15651	15442	15509	0.79	cps
Chromium	52-2	470	373	370	404	14.04	cps
Cobalt	59-2	350	330	363	348	4.82	cps
Copper	63-2	617	590	590	599	2.57	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	8	17	58	28	96.44	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	5337679	5587315	5326313	5417102	2.72	cps
Holmium	165-2	1108106	1115284	1104631	1109340	0.49	cps
Indium	115-1	4212044	4440005	4284759	4312269	2.70	cps
Indium	115-2	172647	175797	172561	173668	1.06	cps
Iron	56-2	5712	5557	5585	5618	1.48	cps
Iron	57-2	133	139	167	146	12.21	cps
Lead	206-1	1778	1533	1511	1608	9.21	cps
Lead	207-1	1383	1383	1333	1367	2.11	cps
Lead	208-1	6373	6318	6173	6288	1.64	cps
Lithium	6-1	718325	751317	720324	729988	2.53	cps
Magnesium	24-2	658	742	575	658	12.66	cps
Manganese	55-2	87	93	73	84	12.07	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:00:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2692	3100	2825	2873	7.25	cps
Molybdenum	95-1	3859	3751	3542	3717	4.33	cps
Molybdenum	96-1	3826	4359	3642	3942	9.45	cps
Molybdenum	97-1	2134	2184	2059	2125	2.96	cps
Molybdenum	98-1	6002	5860	5510	5790	4.37	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	370	413	440	408	8.66	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1750	1925	1775	1817	5.21	cps
Rhodium	103-1	3865794	4066853	3912082	3948243	2.67	cps
Rhodium	103-2	1000053	1013385	1000540	1004659	0.75	cps
Scandium	45-1	2167663	2269624	2166219	2201168	2.69	cps
Scandium	45-2	15162	15312	15686	15386	1.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	37	60	76	58	33.88	cps
Silicon	28-1	297649	297380	299195	298075	0.33	cps
Silver	109-1	2050	1609	1650	1770	13.78	cps
Silver	107-1	1667	1634	1617	1639	1.55	cps
Sodium	23-2	7786	7636	7919	7780	1.82	cps
Strontium	86-1	808	808	958	858	10.09	cps
Strontium	88-1	4017	4101	4059	4059	1.03	cps
Sulfur	34-1	313548	312654	312348	312850	0.20	cps
Terbium	159-1	5480559	5844181	5568518	5631086	3.37	cps
Terbium	159-2	1057451	1071872	1055010	1061444	0.86	cps
Thallium	203-1	1942	1784	1659	1795	7.91	cps
Thallium	205-1	4109	3834	3642	3862	6.08	cps
Tin	118-1	1825	1692	1709	1742	4.17	cps
Titanium	47-1	983	1092	883	986	10.57	cps
Uranium	238-1	4951	5085	4985	5007	1.39	cps
Vanadium	51-2	100	70	113	94	23.50	cps
Yttrium	89-1	4363278	4592666	4361670	4439205	2.99	cps
Yttrium	89-2	122725	124827	123290	123614	0.88	cps
Zinc	66-2	57	43	57	52	14.75	cps
Zirconium	90-1	2659	2342	2442	2481	6.53	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-2	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:00:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	542	508	544	6.90	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:03:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	33	28	34.63	cps
Antimony	121-1	2150	1934	1775	1953	9.64	cps
Arsenic	75-2	20	24	17	20	18.16	cps
Barium	135-1	2167	1925	2009	2034	6.04	cps
Barium	137-1	3601	3284	3651	3512	5.66	cps
Beryllium	9-1	311	333	339	328	4.48	cps
Bismuth	209-1	4081421	4077534	4114963	4091306	0.50	cps
Bismuth	209-2	950726	937891	942914	943844	0.69	cps
Boron	10-1	333	350	250	311	17.22	cps
Boron	11-1	1100	1108	1292	1167	9.29	cps
Cadmium	111-1	893	1012	1011	972	7.01	cps
Cadmium	106-1	775	867	992	878	12.39	cps
Cadmium	108-1	17	17	42	25	57.73	cps
Calcium	43-1	1133	892	1167	1064	14.11	cps
Calcium	44-1	16577	15901	15659	16046	2.96	cps
Chromium	52-2	460	420	423	434	5.11	cps
Cobalt	59-2	363	343	383	363	5.50	cps
Copper	63-2	620	557	643	607	7.39	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	8	42	22	78.07	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	5827039	5812280	5931779	5857033	1.11	cps
Holmium	165-2	1146277	1134433	1142039	1140916	0.53	cps
Indium	115-1	4672577	4620159	4618827	4637188	0.66	cps
Indium	115-2	178568	177712	177321	177867	0.36	cps
Iron	56-2	5874	5462	5535	5624	3.90	cps
Iron	57-2	144	139	150	144	3.85	cps
Lead	206-1	1628	1806	1622	1685	6.19	cps
Lead	207-1	1550	1322	1445	1439	7.92	cps
Lead	208-1	6845	6456	6329	6543	4.11	cps
Lithium	6-1	777193	779865	784013	780357	0.44	cps
Magnesium	24-2	558	600	667	608	8.98	cps
Manganese	55-2	97	90	93	93	3.57	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:03:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3234	3284	2909	3142	6.48	cps
Molybdenum	95-1	3467	3767	4026	3753	7.45	cps
Molybdenum	96-1	4276	4726	4276	4426	5.87	cps
Molybdenum	97-1	2550	2534	2309	2464	5.48	cps
Molybdenum	98-1	6077	6235	6052	6121	1.63	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	397	423	380	400	5.47	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2034	1875	1717	1875	8.45	cps
Rhodium	103-1	4248224	4238465	4243101	4243264	0.12	cps
Rhodium	103-2	1041086	1029759	1029812	1033552	0.63	cps
Scandium	45-1	2366509	2371371	2380641	2372840	0.30	cps
Scandium	45-2	16053	15852	15976	15960	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	109	15	99	74	68.99	cps
Silicon	28-1	303881	301997	301547	302475	0.41	cps
Silver	109-1	1575	1617	1684	1625	3.36	cps
Silver	107-1	1834	1792	1509	1711	10.34	cps
Sodium	23-2	7085	7677	7619	7461	4.37	cps
Strontium	86-1	833	875	867	858	2.57	cps
Strontium	88-1	4359	4709	4334	4468	4.70	cps
Sulfur	34-1	318422	318585	316574	317860	0.35	cps
Terbium	159-1	5991914	6024397	6083551	6033288	0.77	cps
Terbium	159-2	1106109	1086641	1080597	1091116	1.22	cps
Thallium	203-1	1634	1692	1817	1714	5.47	cps
Thallium	205-1	3834	3867	4151	3951	4.41	cps
Tin	118-1	1675	1867	1934	1825	7.35	cps
Titanium	47-1	825	1250	1025	1033	20.58	cps
Uranium	238-1	5535	4885	4960	5126	6.94	cps
Vanadium	51-2	113	110	97	107	8.27	cps
Yttrium	89-1	4789826	4748814	4803383	4780674	0.59	cps
Yttrium	89-2	127303	126307	126465	126692	0.42	cps
Zinc	66-2	80	80	67	76	10.19	cps
Zirconium	90-1	2800	2525	2425	2584	7.52	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-3	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:03:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	525	617	547	11.23	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:07:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	0	19	137.78	cps
Antimony	121-1	1975	1800	2134	1970	8.47	cps
Arsenic	75-2	22	15	28	22	30.12	cps
Barium	135-1	2150	1884	1750	1928	10.57	cps
Barium	137-1	3476	3351	3509	3445	2.42	cps
Beryllium	9-1	356	394	361	370	5.68	cps
Bismuth	209-1	3966257	4099999	4030858	4032371	1.66	cps
Bismuth	209-2	938467	949337	942123	943309	0.59	cps
Boron	10-1	242	233	242	239	2.01	cps
Boron	11-1	1183	1150	1217	1183	2.82	cps
Cadmium	111-1	973	1015	1041	1010	3.40	cps
Cadmium	106-1	883	958	958	933	4.64	cps
Cadmium	108-1	29	50	25	35	38.57	cps
Calcium	43-1	908	817	975	900	8.83	cps
Calcium	44-1	16010	15985	16035	16010	0.16	cps
Chromium	52-2	470	467	390	442	10.23	cps
Cobalt	59-2	347	373	327	349	6.71	cps
Copper	63-2	710	740	613	688	9.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	5680964	5936647	5795958	5804523	2.21	cps
Holmium	165-2	1133997	1143362	1137506	1138288	0.42	cps
Indium	115-1	4498856	4598290	4656762	4584636	1.74	cps
Indium	115-2	178255	178037	179117	178470	0.32	cps
Iron	56-2	5840	5585	5807	5744	2.42	cps
Iron	57-2	133	128	178	146	18.73	cps
Lead	206-1	1561	1428	1533	1508	4.67	cps
Lead	207-1	1283	1483	1367	1378	7.29	cps
Lead	208-1	6406	6318	6173	6299	1.87	cps
Lithium	6-1	750635	783954	782458	772349	2.44	cps
Magnesium	24-2	658	725	567	650	12.23	cps
Manganese	55-2	73	113	107	98	21.92	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:07:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3326	3284	3042	3217	4.76	cps
Molybdenum	95-1	4309	3792	3734	3945	8.02	cps
Molybdenum	96-1	4476	4409	4126	4337	4.29	cps
Molybdenum	97-1	2384	2392	2767	2514	8.71	cps
Molybdenum	98-1	6285	6118	6193	6199	1.35	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	370	423	430	408	8.07	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1850	1900	1959	1903	2.85	cps
Rhodium	103-1	4167070	4273088	4222228	4220795	1.26	cps
Rhodium	103-2	1036640	1036649	1033967	1035752	0.15	cps
Scandium	45-1	2283662	2417024	2366261	2355649	2.86	cps
Scandium	45-2	16079	15826	16273	16059	1.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	74	-4	10	27	155.70	cps
Silicon	28-1	307242	304090	301575	304302	0.93	cps
Silver	109-1	1767	1550	1934	1750	10.98	cps
Silver	107-1	1809	1959	1750	1839	5.84	cps
Sodium	23-2	7319	8161	7494	7658	5.80	cps
Strontium	86-1	958	875	1075	970	10.36	cps
Strontium	88-1	4826	3784	4109	4240	12.57	cps
Sulfur	34-1	321958	317171	319198	319442	0.75	cps
Terbium	159-1	5889874	6082017	6010490	5994127	1.62	cps
Terbium	159-2	1088752	1095087	1098826	1094222	0.47	cps
Thallium	203-1	1767	1825	1650	1747	5.10	cps
Thallium	205-1	4259	3842	3734	3945	7.03	cps
Tin	118-1	2042	2142	2334	2173	6.82	cps
Titanium	47-1	1150	1075	850	1025	15.23	cps
Uranium	238-1	5193	5226	5568	5329	3.90	cps
Vanadium	51-2	113	123	113	117	4.95	cps
Yttrium	89-1	4622603	4822527	4784881	4743337	2.24	cps
Yttrium	89-2	127411	128158	127078	127549	0.43	cps
Zinc	66-2	113	73	63	83	31.76	cps
Zirconium	90-1	2567	2775	2875	2739	5.75	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-4	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:07:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	567	583	589	4.32	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:10:33	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	25	22	57.30	cps
Antimony	121-1	2075	1867	1884	1942	5.96	cps
Arsenic	75-2	15	17	22	18	21.54	cps
Barium	135-1	2042	1975	1759	1925	7.70	cps
Barium	137-1	3451	3759	3259	3490	7.23	cps
Beryllium	9-1	328	272	367	322	14.73	cps
Bismuth	209-1	4101378	4052550	4079912	4077946	0.60	cps
Bismuth	209-2	949803	935630	938161	941198	0.80	cps
Boron	10-1	225	275	225	242	11.94	cps
Boron	11-1	1175	1067	1100	1114	4.98	cps
Cadmium	111-1	970	905	953	943	3.59	cps
Cadmium	106-1	825	800	925	850	7.78	cps
Cadmium	108-1	46	25	46	39	30.93	cps
Calcium	43-1	1058	833	900	931	12.42	cps
Calcium	44-1	15384	16035	16068	15829	2.44	cps
Chromium	52-2	427	383	370	393	7.53	cps
Cobalt	59-2	320	350	417	362	13.66	cps
Copper	63-2	693	580	663	646	9.10	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	5943420	5888936	5875719	5902692	0.61	cps
Holmium	165-2	1145011	1131806	1136385	1137734	0.59	cps
Indium	115-1	4645227	4574848	4674034	4631370	1.10	cps
Indium	115-2	181973	178722	178451	179715	1.09	cps
Iron	56-2	5423	5585	6090	5699	6.11	cps
Iron	57-2	167	156	89	137	30.70	cps
Lead	206-1	1550	1689	1583	1608	4.51	cps
Lead	207-1	1372	1322	1328	1341	2.04	cps
Lead	208-1	6290	6612	6312	6405	2.81	cps
Lithium	6-1	782268	777118	783301	780896	0.42	cps
Magnesium	24-2	533	683	608	608	12.33	cps
Manganese	55-2	87	57	53	66	28.01	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:10:33	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3234	3551	3267	3351	5.19	cps
Molybdenum	95-1	3776	3601	4092	3823	6.52	cps
Molybdenum	96-1	4142	4409	4117	4223	3.83	cps
Molybdenum	97-1	2650	2350	2267	2423	8.32	cps
Molybdenum	98-1	6277	6394	6093	6255	2.42	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	493	440	373	436	13.80	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	1892	1942	2017	1950	3.23	cps
Rhodium	103-1	4237777	4223646	4274252	4245225	0.62	cps
Rhodium	103-2	1039350	1026006	1028756	1031371	0.68	cps
Scandium	45-1	2383077	2333972	2374182	2363743	1.11	cps
Scandium	45-2	15936	15983	15485	15801	1.74	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	14	78	-4	29	146.86	cps
Silicon	28-1	299969	301984	304528	302160	0.76	cps
Silver	109-1	1742	1500	1842	1695	10.37	cps
Silver	107-1	1867	1842	1534	1747	10.63	cps
Sodium	23-2	7778	7894	7502	7725	2.60	cps
Strontium	86-1	858	1125	933	972	14.14	cps
Strontium	88-1	4401	4418	4076	4298	4.48	cps
Sulfur	34-1	317979	321713	319468	319720	0.59	cps
Terbium	159-1	6064660	6062908	6102998	6076855	0.37	cps
Terbium	159-2	1092585	1083085	1101646	1092439	0.85	cps
Thallium	203-1	1759	1884	1692	1778	5.47	cps
Thallium	205-1	4109	4093	3917	4040	2.63	cps
Tin	118-1	1884	1842	1800	1842	2.26	cps
Titanium	47-1	1142	1033	917	1031	10.92	cps
Uranium	238-1	5285	5260	5093	5212	2.00	cps
Vanadium	51-2	107	143	93	114	22.62	cps
Yttrium	89-1	4728082	4790479	4805191	4774584	0.86	cps
Yttrium	89-2	127973	126240	126936	127049	0.69	cps
Zinc	66-2	50	60	40	50	20.00	cps
Zirconium	90-1	2384	2634	2709	2575	6.61	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-5	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:10:33	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	450	583	547	15.55	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:13:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	42	33	25.01	cps
Antimony	121-1	1850	2017	1759	1875	6.99	cps
Arsenic	75-2	22	28	15	22	30.12	cps
Barium	135-1	1750	2084	2025	1953	9.12	cps
Barium	137-1	3767	3501	3301	3523	6.65	cps
Beryllium	9-1	306	261	294	287	8.06	cps
Bismuth	209-1	4095577	4014265	4041139	4050327	1.02	cps
Bismuth	209-2	937919	933334	939005	936753	0.32	cps
Boron	10-1	225	108	225	186	36.19	cps
Boron	11-1	1050	933	950	978	6.45	cps
Cadmium	111-1	944	979	855	926	6.90	cps
Cadmium	106-1	858	858	733	817	8.84	cps
Cadmium	108-1	33	38	42	38	11.12	cps
Calcium	43-1	1033	858	1050	981	10.83	cps
Calcium	44-1	16677	15559	15284	15840	4.66	cps
Chromium	52-2	440	443	367	417	10.40	cps
Cobalt	59-2	353	400	357	370	7.04	cps
Copper	63-2	663	613	723	667	8.26	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	17	33	117	56	96.44	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	5862371	5864684	5761849	5829634	1.01	cps
Holmium	165-2	1140543	1126169	1131715	1132809	0.64	cps
Indium	115-1	4656063	4621323	4601804	4626397	0.59	cps
Indium	115-2	177508	177044	177811	177454	0.22	cps
Iron	56-2	5629	5701	5535	5622	1.49	cps
Iron	57-2	172	156	83	137	34.48	cps
Lead	206-1	1556	1511	1539	1535	1.46	cps
Lead	207-1	1306	1467	1539	1437	8.31	cps
Lead	208-1	6473	6434	6523	6477	0.69	cps
Lithium	6-1	782997	782258	775536	780264	0.53	cps
Magnesium	24-2	783	517	642	647	20.61	cps
Manganese	55-2	103	80	103	96	14.10	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:13:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2967	3292	3009	3089	5.73	cps
Molybdenum	95-1	3709	3784	3734	3742	1.02	cps
Molybdenum	96-1	4401	4718	4259	4459	5.26	cps
Molybdenum	97-1	2359	2517	2675	2517	6.29	cps
Molybdenum	98-1	5893	6452	6243	6196	4.56	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	407	447	470	441	7.26	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1975	1975	1650	1867	10.05	cps
Rhodium	103-1	4281270	4264652	4249526	4265149	0.37	cps
Rhodium	103-2	1037246	1024205	1036832	1032761	0.72	cps
Scandium	45-1	2375241	2380727	2379437	2378468	0.12	cps
Scandium	45-2	15866	15966	16026	15953	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	25	-5	48	23	117.77	cps
Silicon	28-1	302324	301618	307084	303675	0.98	cps
Silver	109-1	1517	1675	1550	1581	5.28	cps
Silver	107-1	1859	1884	1617	1786	8.25	cps
Sodium	23-2	7052	7652	7452	7386	4.14	cps
Strontium	86-1	808	908	767	828	8.80	cps
Strontium	88-1	4276	4584	4551	4470	3.79	cps
Sulfur	34-1	321702	324931	321338	322657	0.61	cps
Terbium	159-1	6041601	6052135	6051188	6048308	0.10	cps
Terbium	159-2	1089349	1079693	1088421	1085821	0.49	cps
Thallium	203-1	1842	1992	1792	1875	5.55	cps
Thallium	205-1	4076	4109	4143	4109	0.81	cps
Tin	118-1	1884	1875	1925	1895	1.41	cps
Titanium	47-1	1067	992	1042	1033	3.70	cps
Uranium	238-1	5285	5351	5285	5307	0.73	cps
Vanadium	51-2	110	83	123	106	19.29	cps
Yttrium	89-1	4831531	4769556	4770169	4790419	0.74	cps
Yttrium	89-2	126297	125265	127771	126444	1.00	cps
Zinc	66-2	50	83	80	71	25.82	cps
Zirconium	90-1	2850	2734	2575	2720	5.07	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:13:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	517	558	550	5.46	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : SOIL MDL-7 Instrumnet Name : P8
 Client Sample ID : SOIL MDL-7 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 17:17:21 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	25	14	69.31	cps
Antimony	121-1	1800	1750	1750	1767	1.63	cps
Arsenic	75-2	28	26	13	22	36.34	cps
Barium	135-1	1709	2025	2025	1920	9.53	cps
Barium	137-1	3351	3634	3601	3528	4.39	cps
Beryllium	9-1	183	311	333	276	29.34	cps
Bismuth	209-1	4033318	4044610	4048485	4042138	0.19	cps
Bismuth	209-2	926992	928979	927392	927788	0.11	cps
Boron	10-1	175	150	208	178	16.46	cps
Boron	11-1	950	1100	867	972	12.16	cps
Cadmium	111-1	919	947	843	903	5.92	cps
Cadmium	106-1	733	808	683	742	8.48	cps
Cadmium	108-1	46	33	50	43	20.15	cps
Calcium	43-1	942	992	1050	995	5.45	cps
Calcium	44-1	16360	15601	16569	16177	3.15	cps
Chromium	52-2	433	433	420	429	1.79	cps
Cobalt	59-2	360	320	357	346	6.42	cps
Copper	63-2	663	590	610	621	6.10	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	50	8	67	42	72.12	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	5814241	5799560	5791420	5801740	0.20	cps
Holmium	165-2	1126040	1127132	1116493	1123222	0.52	cps
Indium	115-1	4601052	4547314	4593946	4580771	0.64	cps
Indium	115-2	177706	178325	176824	177619	0.42	cps
Iron	56-2	5151	5629	5368	5383	4.45	cps
Iron	57-2	144	178	144	156	12.37	cps
Lead	206-1	1639	1589	1467	1565	5.66	cps
Lead	207-1	1406	1433	1578	1472	6.28	cps
Lead	208-1	6334	6390	6390	6371	0.50	cps
Lithium	6-1	779219	776525	779156	778300	0.20	cps
Magnesium	24-2	633	742	750	708	9.19	cps
Manganese	55-2	87	90	70	82	13.03	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:17:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2875	3075	3326	3092	7.29	cps
Molybdenum	95-1	4009	3626	3934	3856	5.27	cps
Molybdenum	96-1	4042	4101	4318	4154	3.49	cps
Molybdenum	97-1	2442	2417	2209	2356	5.44	cps
Molybdenum	98-1	6052	6127	5810	5996	2.76	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	437	397	377	403	7.57	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1850	2034	1800	1895	6.49	cps
Rhodium	103-1	4226208	4207166	4228092	4220489	0.27	cps
Rhodium	103-2	1023887	1027002	1018639	1023176	0.41	cps
Scandium	45-1	2363296	2364834	2391194	2373108	0.66	cps
Scandium	45-2	15826	15565	16046	15812	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	22	-28	72	22	224.11	cps
Silicon	28-1	302086	299728	301770	301194	0.43	cps
Silver	109-1	1675	1767	1617	1686	4.48	cps
Silver	107-1	1692	1617	1784	1697	4.92	cps
Sodium	23-2	7244	6952	8019	7405	7.45	cps
Strontium	86-1	933	875	975	928	5.41	cps
Strontium	88-1	4134	4267	4568	4323	5.14	cps
Sulfur	34-1	315738	316701	320898	317779	0.86	cps
Terbium	159-1	5988867	5945448	5983296	5972537	0.40	cps
Terbium	159-2	1076065	1085240	1074253	1078519	0.55	cps
Thallium	203-1	1759	1750	1600	1703	5.23	cps
Thallium	205-1	3976	3884	4209	4023	4.17	cps
Tin	118-1	2042	1950	1900	1964	3.66	cps
Titanium	47-1	933	1200	908	1014	15.95	cps
Uranium	238-1	4626	5060	5593	5093	9.51	cps
Vanadium	51-2	90	100	90	93	6.19	cps
Yttrium	89-1	4748362	4721701	4706486	4725516	0.45	cps
Yttrium	89-2	124689	127151	125924	125921	0.98	cps
Zinc	66-2	57	73	60	63	13.92	cps
Zirconium	90-1	2825	2784	2859	2823	1.33	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P8
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:17:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	542	583	606	12.79	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:20:44	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190369	191137	189002	190169	0.57	cps
Antimony	121-1	3684094	3694389	3706106	3694863	0.30	cps
Arsenic	75-2	34350	33773	33773	33965	0.98	cps
Barium	135-1	3932105	3953881	3913525	3933170	0.51	cps
Barium	137-1	6811687	6867591	6828885	6836054	0.42	cps
Beryllium	9-1	396791	395304	393228	395108	0.45	cps
Bismuth	209-1	3874402	3822971	3836557	3844644	0.69	cps
Bismuth	209-2	897770	889457	889623	892283	0.53	cps
Boron	10-1	46050	46485	47898	46811	2.06	cps
Boron	11-1	216205	218387	222464	219018	1.45	cps
Cadmium	111-1	746814	746716	742897	745475	0.30	cps
Cadmium	106-1	77858	77766	76442	77355	1.02	cps
Cadmium	108-1	53263	53803	53548	53538	0.50	cps
Calcium	43-1	3545445	3568031	3589028	3567502	0.61	cps
Calcium	44-1	57611668	58182768	58091095	57961844	0.53	cps
Chromium	52-2	260039	264353	262775	262389	0.83	cps
Cobalt	59-2	570790	574020	571867	572225	0.29	cps
Copper	63-2	984275	990026	982690	985664	0.39	cps
Dysprosium	156-1	42	67	117	75	50.92	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	67	17	33	39	65.47	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	42	125	83	83	50.00	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	5877878	5780506	5822105	5826829	0.84	cps
Holmium	165-2	1151469	1140498	1140350	1144106	0.56	cps
Indium	115-1	4412932	4396497	4404908	4404779	0.19	cps
Indium	115-2	170471	170823	170397	170563	0.13	cps
Iron	56-2	42740105	42932729	42954450	42875761	0.28	cps
Iron	57-2	1079967	1093149	1086091	1086402	0.61	cps
Lead	206-1	2502680	2512827	2487367	2500958	0.51	cps
Lead	207-1	2286662	2262454	2288869	2279329	0.64	cps
Lead	208-1	10252739	10159653	10218567	10210320	0.46	cps
Lithium	6-1	743473	753942	749406	748940	0.70	cps
Magnesium	24-2	4415493	4472761	4443389	4443881	0.64	cps
Manganese	55-2	148418	149822	148041	148760	0.63	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:20:44	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6056927	6126391	6117816	6100378	0.62	cps
Molybdenum	95-1	7496590	7453926	7569377	7506631	0.78	cps
Molybdenum	96-1	8400197	8431298	8420934	8417476	0.19	cps
Molybdenum	97-1	4733084	4794711	4764341	4764045	0.65	cps
Molybdenum	98-1	12138516	12080581	12113244	12110780	0.24	cps
Neodymium	150-1	220	173	160	184	17.08	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	165963	167476	166707	166715	0.45	cps
Phosphorus	31-2	2434	2692	2384	2503	6.61	cps
Potassium	39-2	1225862	1254782	1247127	1242590	1.21	cps
Rhodium	103-1	3977644	3990155	3920856	3962885	0.93	cps
Rhodium	103-2	973455	969821	969761	971012	0.22	cps
Scandium	45-1	2368619	2354453	2351548	2358207	0.39	cps
Scandium	45-2	16016	16777	15929	16241	2.87	cps
Selenium	77-2	210	250	250	237	9.76	cps
Selenium	78-2	733	802	759	765	4.52	cps
Selenium	82-1	45385	45622	46475	45827	1.25	cps
Silicon	28-1	1660672	1709597	1685446	1685238	1.45	cps
Silver	109-1	3507051	3520350	3520128	3515843	0.22	cps
Silver	107-1	3655831	3664876	3660982	3660563	0.12	cps
Sodium	23-2	10329330	10368337	10268176	10321948	0.49	cps
Strontium	86-1	981059	977459	985150	981223	0.39	cps
Strontium	88-1	8528406	8515865	8502536	8515602	0.15	cps
Sulfur	34-1	712577	712640	710114	711777	0.20	cps
Terbium	159-1	6034506	5995081	5953599	5994395	0.67	cps
Terbium	159-2	1098722	1085626	1092776	1092374	0.60	cps
Thallium	203-1	3068426	3055145	3068578	3064049	0.25	cps
Thallium	205-1	7174780	7193624	7225435	7197946	0.36	cps
Tin	118-1	2578999	2552302	2550569	2560623	0.62	cps
Titanium	47-1	1816722	1790997	1830588	1812769	1.11	cps
Uranium	238-1	10339778	10300348	10434278	10358134	0.66	cps
Vanadium	51-2	194041	197099	195081	195407	0.80	cps
Yttrium	89-1	4744674	4720123	4722304	4729034	0.29	cps
Yttrium	89-2	127259	127175	126916	127117	0.14	cps
Zinc	66-2	88661	89208	88094	88654	0.63	cps
Zirconium	90-1	5116724	5164673	5160062	5147153	0.51	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:20:44	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125899	1139112	1130526	1131845	0.59	cps

LB Number : LB93581 Operator : Jaswal
 Lab Sample ID : CCB072 Instrumnet Name : P8
 Client Sample ID : CCB072 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-27 17:23:58 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	2184	2425	2259	2289	5.40	cps
Arsenic	75-2	11	7	2	7	68.65	cps
Barium	135-1	108	92	83	94	13.48	cps
Barium	137-1	67	75	50	64	19.92	cps
Beryllium	9-1	272	200	267	246	16.32	cps
Bismuth	209-1	4139484	4139805	4163173	4147487	0.33	cps
Bismuth	209-2	977729	973202	974314	975082	0.24	cps
Boron	10-1	1275	1400	1333	1336	4.68	cps
Boron	11-1	6460	6193	6252	6302	2.23	cps
Cadmium	111-1	692	662	585	647	8.51	cps
Cadmium	106-1	933	867	775	858	9.26	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	667	642	583	631	6.78	cps
Calcium	44-1	10079	10730	10521	10443	3.18	cps
Chromium	52-2	270	237	283	263	9.13	cps
Cobalt	59-2	47	27	20	31	44.61	cps
Copper	63-2	137	110	160	136	18.46	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	5936151	5996737	5997013	5976634	0.59	cps
Holmium	165-2	1179410	1179804	1176547	1178587	0.15	cps
Indium	115-1	4758655	4828589	4714803	4767349	1.20	cps
Indium	115-2	185743	184316	186139	185399	0.52	cps
Iron	56-2	1750	1739	1561	1683	6.30	cps
Iron	57-2	67	50	50	56	17.32	cps
Lead	206-1	728	689	633	683	6.95	cps
Lead	207-1	667	611	733	670	9.13	cps
Lead	208-1	3072	3000	2972	3015	1.71	cps
Lithium	6-1	793069	799837	798345	797084	0.45	cps
Magnesium	24-2	100	258	133	164	50.93	cps
Manganese	55-2	27	33	23	28	18.33	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:23:58	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	508	417	508	18.03	cps
Molybdenum	95-1	400	525	425	450	14.70	cps
Molybdenum	96-1	467	475	558	500	10.14	cps
Molybdenum	97-1	383	250	250	294	26.15	cps
Molybdenum	98-1	658	575	575	603	7.98	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	303	370	337	9.90	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1617	1725	2092	1811	13.75	cps
Rhodium	103-1	4366658	4412078	4401599	4393445	0.54	cps
Rhodium	103-2	1077617	1062034	1072410	1070687	0.74	cps
Scandium	45-1	2424543	2483525	2470666	2459578	1.26	cps
Scandium	45-2	17037	16490	16660	16729	1.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	2	2	27	10	137.98	cps
Silicon	28-1	309812	308787	307216	308605	0.42	cps
Silver	109-1	117	158	150	142	15.56	cps
Silver	107-1	208	208	200	206	2.34	cps
Sodium	23-2	7569	7602	7636	7602	0.44	cps
Strontium	86-1	475	533	483	497	6.35	cps
Strontium	88-1	183	183	217	194	9.90	cps
Sulfur	34-1	312706	315954	313805	314155	0.53	cps
Terbium	159-1	6170150	6229207	6220327	6206561	0.51	cps
Terbium	159-2	1136618	1125186	1122964	1128256	0.65	cps
Thallium	203-1	867	1025	950	947	8.36	cps
Thallium	205-1	2300	2359	2259	2306	2.18	cps
Tin	118-1	1225	1117	1283	1208	7.00	cps
Titanium	47-1	175	75	75	108	53.30	cps
Uranium	238-1	100	142	117	119	17.55	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	4921383	4928689	4955812	4935295	0.37	cps
Yttrium	89-2	132714	133112	132515	132780	0.23	cps
Zinc	66-2	40	23	17	27	45.07	cps
Zirconium	90-1	617	667	567	617	8.11	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:23:58	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	150	142	144	3.33	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	J1666-01A	Instrumnet Name :	P8
Client Sample ID :	MH0QT1A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:37:02	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79590	77303	75543	77479	2.62	cps
Antimony	121-1	16277	16661	17145	16694	2.60	cps
Arsenic	75-2	3011	2984	2958	2984	0.90	cps
Barium	135-1	956002	949720	951673	952465	0.34	cps
Barium	137-1	1716857	1700920	1703959	1707245	0.50	cps
Beryllium	9-1	1700	1583	1889	1724	8.94	cps
Bismuth	209-1	4331586	4320116	4261756	4304486	0.87	cps
Bismuth	209-2	983266	953477	856041	930928	7.15	cps
Boron	10-1	1859	2075	1909	1947	5.83	cps
Boron	11-1	9345	9470	9962	9593	3.40	cps
Cadmium	111-1	20541	20333	20022	20298	1.29	cps
Cadmium	106-1	2800	2642	2742	2728	2.94	cps
Cadmium	108-1	1358	1342	1296	1332	2.43	cps
Calcium	43-1	1287835	1300576	1318525	1302312	1.18	cps
Calcium	44-1	20965658	20790381	20986754	20914264	0.52	cps
Chromium	52-2	18436	18202	18155	18264	0.82	cps
Cobalt	59-2	22518	22185	22542	22415	0.89	cps
Copper	63-2	504856	497666	507543	503355	1.01	cps
Dysprosium	156-1	76054	75677	75318	75683	0.49	cps
Dysprosium	156-2	15249	14862	15149	15087	1.33	cps
Erbium	164-1	64075	64017	64318	64136	0.25	cps
Erbium	164-2	11579	11519	11445	11514	0.58	cps
Gadolinium	160-1	71613	71832	71764	71736	0.16	cps
Gadolinium	160-2	18901	17886	18370	18385	2.76	cps
Holmium	165-1	6359010	6358911	6266815	6328245	0.84	cps
Holmium	165-2	1200077	1175170	1050937	1142061	7.00	cps
Indium	115-1	4980289	4933202	4901217	4938236	0.81	cps
Indium	115-2	187561	180468	161029	176352	7.79	cps
Iron	56-2	15508580	15351378	15385212	15415057	0.54	cps
Iron	57-2	390295	386667	390606	389189	0.56	cps
Lead	206-1	5797748	5827546	5789318	5804871	0.35	cps
Lead	207-1	5011374	5070050	5016781	5032735	0.64	cps
Lead	208-1	23111919	23190050	23040903	23114291	0.32	cps
Lithium	6-1	853872	851400	855464	853579	0.24	cps
Magnesium	24-2	205657	202066	205684	204469	1.02	cps
Manganese	55-2	180860	180182	180422	180488	0.19	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	J1666-01A	Instrumnet Name :	P8
Client Sample ID :	MH0QT1A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:37:02	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13007	12631	12298	12645	2.80	cps
Molybdenum	95-1	9404	9129	9245	9259	1.49	cps
Molybdenum	96-1	11597	11664	11772	11678	0.76	cps
Molybdenum	97-1	5610	6010	5743	5788	3.52	cps
Molybdenum	98-1	15226	14942	14575	14914	2.19	cps
Neodymium	150-1	120917	119849	118274	119680	1.11	cps
Neodymium	150-2	14992	14435	14849	14758	1.96	cps
Nickel	60-2	35853	35589	36180	35874	0.83	cps
Phosphorus	31-2	1183	1150	1058	1131	5.73	cps
Potassium	39-2	59837	57752	59736	59108	1.99	cps
Rhodium	103-1	4523070	4457635	4441853	4474186	0.96	cps
Rhodium	103-2	1072703	1048056	926369	1015709	7.71	cps
Scandium	45-1	2614819	2594116	2564347	2591094	0.98	cps
Scandium	45-2	17024	17391	14818	16411	8.48	cps
Selenium	77-2	67	63	77	69	10.08	cps
Selenium	78-2	30	35	33	33	8.65	cps
Selenium	82-1	117	177	184	159	23.28	cps
Silicon	28-1	8058080	7964735	8008100	8010305	0.58	cps
Silver	109-1	18180	17821	17696	17899	1.40	cps
Silver	107-1	18830	18956	18714	18833	0.64	cps
Sodium	23-2	21450	22227	22435	22037	2.36	cps
Strontium	86-1	494844	488465	494655	492655	0.74	cps
Strontium	88-1	4373504	4372908	4340399	4362270	0.43	cps
Sulfur	34-1	323935	326071	325435	325147	0.34	cps
Terbium	159-1	6505859	6569106	6453953	6509639	0.89	cps
Terbium	159-2	1151040	1125880	1008723	1095215	6.93	cps
Thallium	203-1	5660	6060	6402	6041	6.15	cps
Thallium	205-1	14475	14818	14843	14712	1.39	cps
Tin	118-1	67890	69690	68173	68584	1.41	cps
Titanium	47-1	173469	170771	172205	172148	0.78	cps
Uranium	238-1	66913	66603	66235	66584	0.51	cps
Vanadium	51-2	35615	35321	35151	35363	0.66	cps
Yttrium	89-1	6116983	6071388	6037984	6075452	0.65	cps
Yttrium	89-2	160139	156204	139522	151955	7.20	cps
Zinc	66-2	97238	96758	98433	97476	0.88	cps
Zirconium	90-1	21334	20399	21218	20984	2.43	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	J1666-01A	Instrumnet Name :	P8
Client Sample ID :	MH0QT1A	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:37:02	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4609	4309	4626	4515	3.95	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:43:24	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191568	192852	194709	193043	0.82	cps
Antimony	121-1	3812839	3815038	3827629	3818502	0.21	cps
Arsenic	75-2	34989	34879	35280	35049	0.59	cps
Barium	135-1	4075853	4074573	4091174	4080533	0.23	cps
Barium	137-1	7008631	7114176	7070525	7064444	0.75	cps
Beryllium	9-1	405497	403463	406002	404987	0.33	cps
Bismuth	209-1	3962620	3938824	3950390	3950611	0.30	cps
Bismuth	209-2	932932	920778	931878	928529	0.73	cps
Boron	10-1	46033	47463	48316	47271	2.44	cps
Boron	11-1	219931	226384	233850	226722	3.07	cps
Cadmium	111-1	770069	774035	769769	771291	0.31	cps
Cadmium	106-1	80381	81546	79920	80616	1.04	cps
Cadmium	108-1	55794	55916	55434	55715	0.45	cps
Calcium	43-1	3679577	3669890	3686459	3678642	0.23	cps
Calcium	44-1	59771916	60078099	59845241	59898419	0.27	cps
Chromium	52-2	271011	268161	271069	270080	0.62	cps
Cobalt	59-2	588365	588081	588345	588263	0.03	cps
Copper	63-2	1046157	1039638	1053990	1046595	0.69	cps
Dysprosium	156-1	117	50	83	83	40.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	33	33	75	47	50.93	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	100	33	56	69.29	cps
Gadolinium	160-2	17	27	10	18	47.19	cps
Holmium	165-1	6108009	6033413	6027620	6056347	0.74	cps
Holmium	165-2	1197636	1182457	1186960	1189018	0.66	cps
Indium	115-1	4582677	4598271	4535199	4572049	0.72	cps
Indium	115-2	177463	176659	175515	176546	0.55	cps
Iron	56-2	44453122	44202372	44779958	44478484	0.65	cps
Iron	57-2	1124471	1124023	1131677	1126724	0.38	cps
Lead	206-1	2579334	2558165	2564564	2567354	0.42	cps
Lead	207-1	2332756	2367012	2333839	2344536	0.83	cps
Lead	208-1	10479627	10537177	10423193	10479999	0.54	cps
Lithium	6-1	771560	766849	773283	770564	0.43	cps
Magnesium	24-2	4542287	4536583	4577996	4552289	0.49	cps
Manganese	55-2	154452	154806	153458	154239	0.45	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:43:24	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6330308	6349833	6344613	6341585	0.16	cps
Molybdenum	95-1	7810591	7824201	7861546	7832113	0.34	cps
Molybdenum	96-1	8849798	8736723	8676353	8754292	1.01	cps
Molybdenum	97-1	4935540	4908052	4955502	4933031	0.48	cps
Molybdenum	98-1	12607894	12687964	12551478	12615779	0.54	cps
Neodymium	150-1	160	240	213	204	19.92	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	171164	172159	172793	172039	0.48	cps
Phosphorus	31-2	2317	2675	2600	2531	7.47	cps
Potassium	39-2	1314214	1289726	1307060	1303667	0.97	cps
Rhodium	103-1	4136152	4121926	4131029	4129702	0.17	cps
Rhodium	103-2	1009236	1008830	1005587	1007885	0.20	cps
Scandium	45-1	2424133	2415597	2438017	2425916	0.47	cps
Scandium	45-2	16683	16443	16500	16542	0.76	cps
Selenium	77-2	213	230	217	220	4.01	cps
Selenium	78-2	841	848	798	829	3.25	cps
Selenium	82-1	47131	47817	47693	47547	0.77	cps
Silicon	28-1	1703148	1731651	1738717	1724506	1.09	cps
Silver	109-1	3633074	3614377	3607385	3618279	0.37	cps
Silver	107-1	3804614	3778802	3777566	3786994	0.40	cps
Sodium	23-2	10622048	10559089	10731760	10637632	0.82	cps
Strontium	86-1	1017468	1010364	1017506	1015113	0.41	cps
Strontium	88-1	8798627	8878683	8869154	8848821	0.49	cps
Sulfur	34-1	731011	731727	730350	731029	0.09	cps
Terbium	159-1	6151738	6170564	6232634	6184979	0.68	cps
Terbium	159-2	1141948	1136453	1136969	1138457	0.27	cps
Thallium	203-1	3155868	3169207	3179743	3168273	0.38	cps
Thallium	205-1	7387837	7445360	7408126	7413774	0.39	cps
Tin	118-1	2652588	2673954	2646466	2657669	0.54	cps
Titanium	47-1	1874565	1880500	1865862	1873642	0.39	cps
Uranium	238-1	10566724	10623323	10551506	10580518	0.36	cps
Vanadium	51-2	202365	201390	202107	201954	0.25	cps
Yttrium	89-1	4845058	4901525	4846143	4864242	0.66	cps
Yttrium	89-2	132128	131182	132408	131906	0.49	cps
Zinc	66-2	90879	91835	91956	91557	0.64	cps
Zirconium	90-1	5346477	5343238	5346827	5345514	0.04	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:43:24	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1171541	1168599	1165853	1168665	0.24	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:46:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	25	14	69.31	cps
Antimony	121-1	1917	2550	2659	2375	16.87	cps
Arsenic	75-2	7	4	0	4	100.05	cps
Barium	135-1	50	83	75	69	24.98	cps
Barium	137-1	75	100	50	75	33.33	cps
Beryllium	9-1	278	339	244	287	16.69	cps
Bismuth	209-1	4168795	4189001	4177508	4178435	0.24	cps
Bismuth	209-2	976706	888227	926935	930623	4.77	cps
Boron	10-1	1775	1600	1533	1636	7.63	cps
Boron	11-1	6944	6752	6002	6566	7.58	cps
Cadmium	111-1	670	563	609	614	8.79	cps
Cadmium	106-1	900	775	767	814	9.18	cps
Cadmium	108-1	8	25	4	13	88.19	cps
Calcium	43-1	650	608	642	633	3.48	cps
Calcium	44-1	10529	10513	10346	10463	0.97	cps
Chromium	52-2	280	260	240	260	7.69	cps
Cobalt	59-2	47	27	43	39	27.55	cps
Copper	63-2	157	103	200	153	31.58	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	100	58	62.28	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6051431	6091829	6035230	6059497	0.48	cps
Holmium	165-2	1182783	1074065	1126168	1127672	4.82	cps
Indium	115-1	4808334	4822843	4813949	4815042	0.15	cps
Indium	115-2	186402	169861	178951	178405	4.64	cps
Iron	56-2	1856	1811	1695	1787	4.66	cps
Iron	57-2	56	44	33	44	25.01	cps
Lead	206-1	967	1139	1100	1069	8.45	cps
Lead	207-1	872	850	933	885	4.88	cps
Lead	208-1	3928	4039	3889	3952	1.97	cps
Lithium	6-1	797952	807104	800508	801855	0.59	cps
Magnesium	24-2	183	233	158	192	19.93	cps
Manganese	55-2	13	17	27	19	36.75	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:46:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	400	425	486	26.36	cps
Molybdenum	95-1	383	308	408	367	14.19	cps
Molybdenum	96-1	625	558	608	597	5.81	cps
Molybdenum	97-1	283	208	325	272	21.72	cps
Molybdenum	98-1	683	733	592	669	10.73	cps
Neodymium	150-1	0	7	40	16	137.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	317	317	333	322	2.98	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1884	1867	1700	1817	5.58	cps
Rhodium	103-1	4402615	4394136	4434454	4410402	0.48	cps
Rhodium	103-2	1072147	976178	1023689	1024005	4.69	cps
Scandium	45-1	2456619	2485781	2469888	2470762	0.59	cps
Scandium	45-2	16517	15165	15726	15802	4.30	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	2	7	3	124.95	cps
Selenium	82-1	-9	-32	-40	-27	-59.45	cps
Silicon	28-1	304033	301553	301109	302232	0.52	cps
Silver	109-1	292	358	317	322	10.45	cps
Silver	107-1	292	350	392	344	14.58	cps
Sodium	23-2	8244	8461	7819	8175	3.99	cps
Strontium	86-1	492	458	425	458	7.27	cps
Strontium	88-1	133	267	125	175	45.42	cps
Sulfur	34-1	309035	309987	311198	310073	0.35	cps
Terbium	159-1	6165427	6264508	6258686	6229541	0.89	cps
Terbium	159-2	1134154	1039232	1081238	1084875	4.38	cps
Thallium	203-1	1492	1075	1067	1211	20.07	cps
Thallium	205-1	3484	3159	3017	3220	7.43	cps
Tin	118-1	1442	1383	1158	1328	11.27	cps
Titanium	47-1	100	117	150	122	20.83	cps
Uranium	238-1	67	92	92	83	17.32	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	4975881	4979519	4994543	4983314	0.20	cps
Yttrium	89-2	132727	122402	125490	126873	4.18	cps
Zinc	66-2	13	23	27	21	32.88	cps
Zirconium	90-1	550	458	467	492	10.31	cps

LB Number :	LB93581	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2018-02-27 17:46:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	133	125	142	15.56	cps