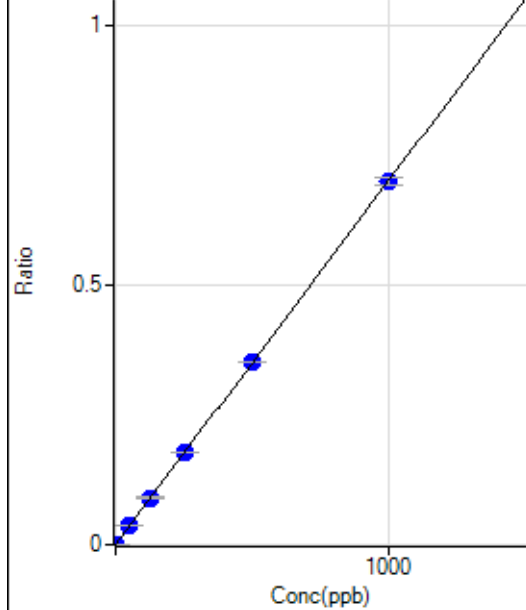


Batch Folder: D:\P8020818-MS .b\
Analysis File: P8020818-MS .batch.bin
DA Date-Time: 2018-02-09 14:57:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8020818-MS.D	S00	2018-02-08 14:57:56
2			
3	006CALS P8020818-MS.D	S02	2018-02-08 15:04:53
4	007CALS P8020818-MS.D	S03	2018-02-08 15:08:23
5	008CALS P8020818-MS.D	S04	2018-02-08 15:11:54
6	009CALS P8020818-MS.D	S05	2018-02-08 15:15:19
7	010CALS P8020818-MS.D	S06	2018-02-08 15:18:37
8	011CALS P8020818-MS.D	S07	2018-02-08 15:21:51
9	012CALS P8020818-MS.D	S08	2018-02-08 15:25:04

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0001	P	15.9
2	☐	0.100					
3	☐	1.000	1.084	1098.22	0.0009	P	6.5
4	☐	50.000	52.839	45754.70	0.0371	P	1.4
5	☐	125.000	129.291	113993.85	0.0905	P	0.8
6	☐	250.000	253.777	222323.28	0.1776	P	0.8
7	☐	500.000	502.098	436149.60	0.3512	P	0.4
8	☐	1000.000	997.328	846111.11	0.6975	P	2.0
9	☐			635.22	0.0005	P	4.0

$$y = 6.9925E-004 * x + 1.2337E-004$$

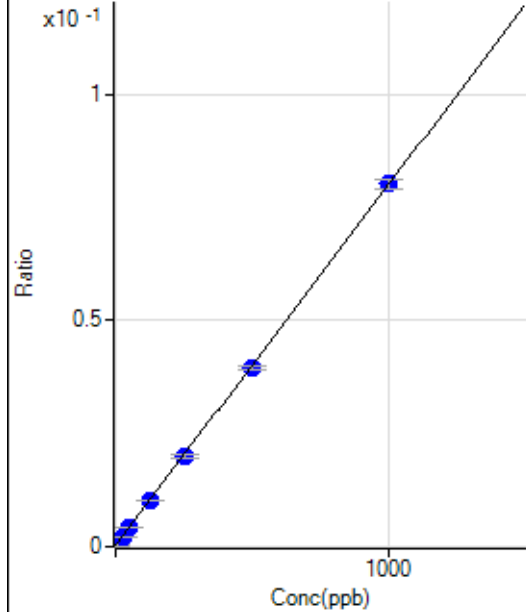
$$R = 1.0000$$

$$DL = 0.08412$$

$$BEC = 0.1764$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0002	P	12.1
2	☐	2.500					
3	☐	25.000	22.753	2528.12	0.0020	P	3.5
4	☐	50.000	50.419	5228.96	0.0042	P	4.8
5	☐	125.000	125.650	12895.25	0.0102	P	0.9
6	☐	250.000	248.774	25120.10	0.0201	P	3.0
7	☐	500.000	494.530	49274.26	0.0397	P	2.5
8	☐	1000.000	1002.996	97367.52	0.0803	P	2.3
9	☐			4295.27	0.0037	P	8.0

$$y = 7.9800E-005 * x + 2.1376E-004$$

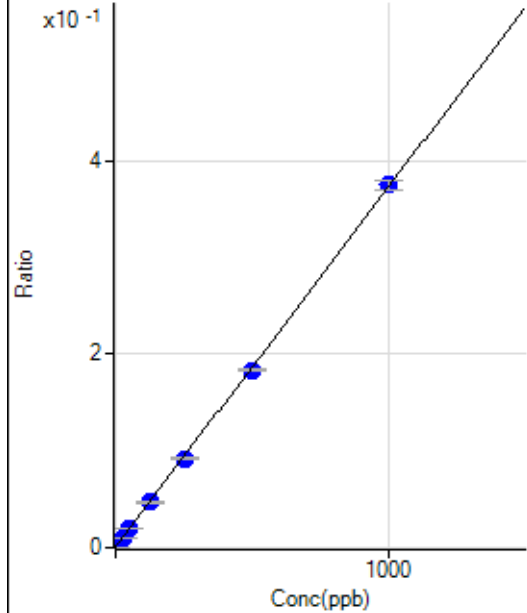
$$R = 1.0000$$

$$DL = 0.9687$$

$$BEC = 2.679$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	994.52	0.0008	P	5.2
2	☐	2.500					
3	☐	25.000	23.163	11708.02	0.0094	P	3.2
4	☐	50.000	49.668	23759.36	0.0193	P	3.8
5	☐	125.000	123.942	59027.43	0.0469	P	2.3
6	☐	250.000	244.199	114663.46	0.0916	P	2.5
7	☐	500.000	491.081	227738.18	0.1834	P	1.4
8	☐	1000.000	1006.104	454730.76	0.3749	P	2.8
9	☐			20062.15	0.0171	P	10.3

$$y = 3.7185\text{E-}004 * x + 7.8895\text{E-}004$$

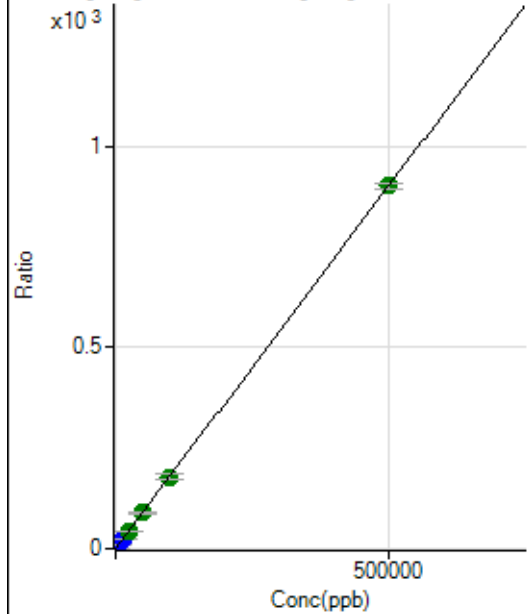
$$R = 0.9999$$

$$DL = 0.3338$$

$$BEC = 2.122$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4934.39	0.1808	P	2.0
2	☐	50.000					
3	☐	500.000	460.004	27126.89	1.0092	P	1.3
4	☐	5000.000	4763.253	239248.33	8.7579	P	1.3
5	☐	12500.000	12229.681	589763.68	22.2024	P	0.5
6	☐	25000.000	24747.885	1178413.04	44.7435	A	2.0
7	☐	50000.000	49094.601	2266354.91	88.5838	A	2.5
8	☐	100000.00	98805.059	4417316.68	178.0957	A	6.6
9	☐	500000.00	500351.29	22567005.71	901.1463	A	1.4

$$y = 0.0018 * x + 0.1808$$

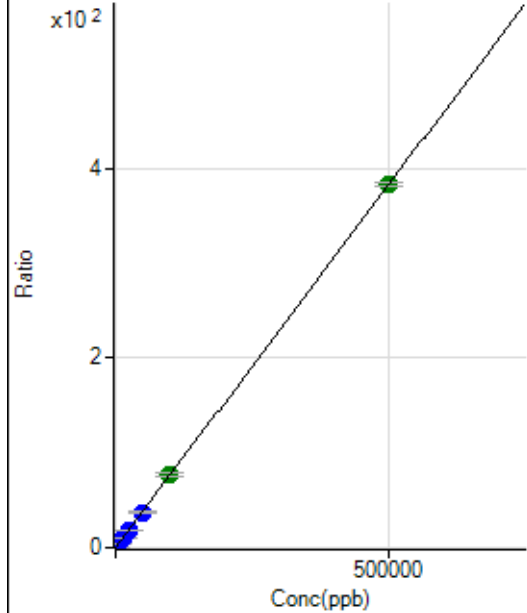
$$R = 1.0000$$

$$DL = 6.141$$

$$BEC = 100.4$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0054	P	44.4
2	☐	50.000					
3	☐	500.000	460.664	9617.56	0.3578	P	4.3
4	☐	5000.000	4864.677	101821.34	3.7271	P	1.0
5	☐	12500.000	12320.523	250507.96	9.4311	P	0.8
6	☐	25000.000	24452.308	492835.78	18.7123	P	1.3
7	☐	50000.000	48902.161	957283.07	37.4173	P	2.6
8	☐	100000.00	100539.84	1908481.58	76.9220	A	5.8
9	☐	500000.00	500035.07	9580386.24	382.5500	A	1.1

$$y = 7.6504E-004 * x + 0.0054$$

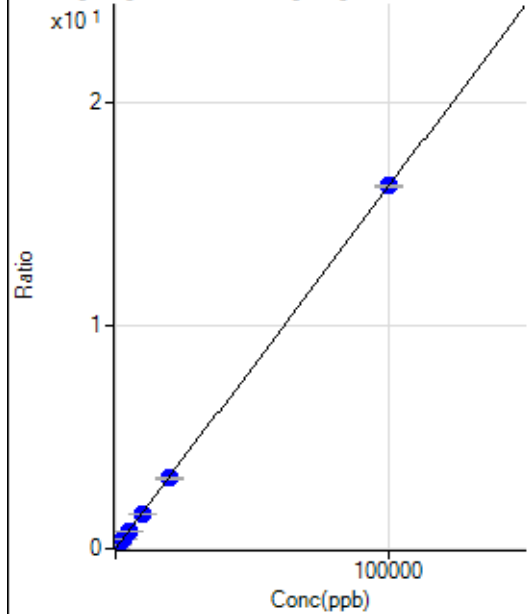
$$R = 1.0000$$

$$DL = 9.433$$

$$BEC = 7.08$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0005	P	35.5
2	☐	2.000					
3	☐	20.000	25.493	125.00	0.0046	P	17.4
4	☐	1000.000	969.861	4317.51	0.1579	P	6.0
5	☐	2500.000	2457.959	10609.98	0.3994	P	4.0
6	☐	5000.000	4933.965	21102.56	0.8013	P	2.8
7	☐	10000.000	9556.932	39676.25	1.5516	P	4.4
8	☐	20000.000	19420.644	78268.49	3.1525	P	4.0
9	☐	100000.00	100164.83	407148.55	16.2572	P	0.7

$$y = 1.6230E-004 * x + 5.1059E-004$$

$$R = 1.0000$$

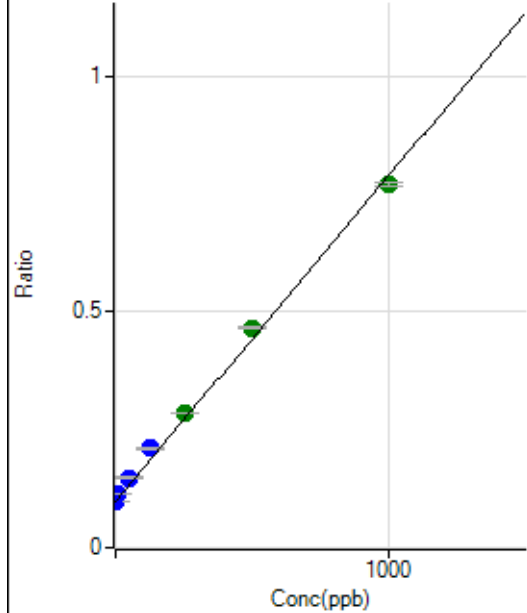
$$DL = 3.352$$

$$BEC = 3.146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360903.40	0.0979	P	0.3
2	☐	1.000					
3	☐	10.000	22.348	402801.27	0.1133	P	1.6
4	☐	50.000	73.761	518525.43	0.1488	P	1.9
5	☐	125.000	162.514	748398.74	0.2102	P	1.3
6	☐	250.000	272.168	1013831.49	0.2859	A	0.6
7	☐	500.000	532.337	1644689.94	0.4656	A	1.0
8	☐	1000.000	972.289	2712546.31	0.7695	A	1.0
9	☐			413053.01	0.1207	P	1.1

$$y = 6.9079\text{E-}004 * x + 0.0979$$

$$R = 0.9986$$

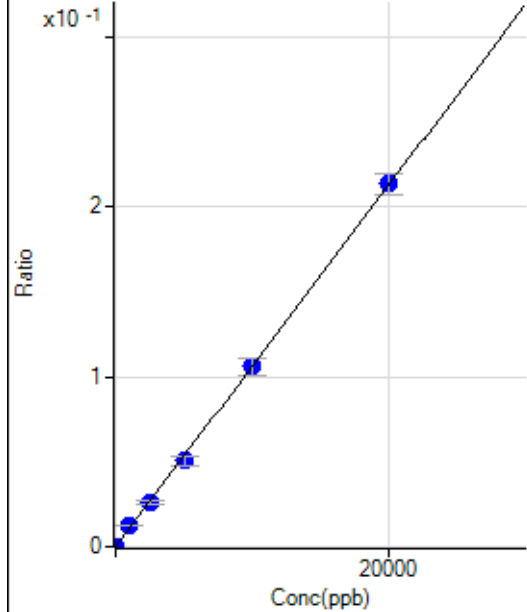
$$DL = 1.421$$

$$BEC = 141.7$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	0.000	0.00	0.0000	P	
4	☐	1000.000	1139.486	330.58	0.0121	P	3.5
5	☐	2500.000	2462.447	694.49	0.0261	P	8.5
6	☐	5000.000	4759.764	1330.68	0.0505	P	10.1
7	☐	10000.000	9954.103	2703.16	0.1057	P	9.2
8	☐	20000.000	20080.727	5295.70	0.2132	P	5.9
9	☐			5.56	0.0002	P	173.

$$y = 1.0618\text{E-}005 * x + 0.0000\text{E+}000$$

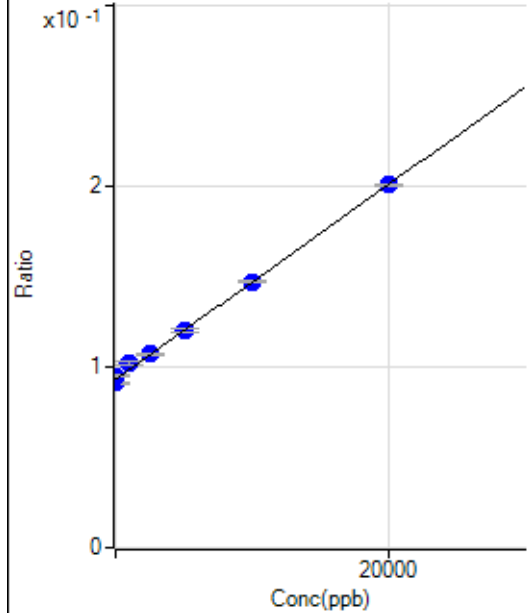
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-339.129	335995.85	0.0911	P	1.0
2	☐	0.000					
3	☐	0.000	339.129	336919.11	0.0948	P	1.5
4	☐	1000.000	1698.499	355718.49	0.1021	P	2.5
5	☐	2500.000	2618.914	381328.10	0.1071	P	0.8
6	☐	5000.000	5023.725	425677.55	0.1200	P	1.0
7	☐	10000.000	10006.842	518892.51	0.1469	P	0.5
8	☐	20000.000	19940.859	706556.42	0.2004	P	0.5
9	☐			299381.75	0.0875	P	1.6

$$y = 5.3898\text{E-}006 * x + 0.0930$$

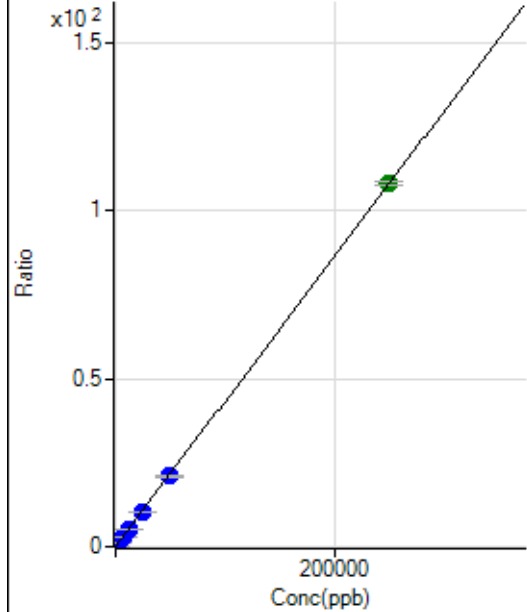
$$R = 0.9991$$

$$DL = 636.7$$

$$BEC = 1.725\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1761.30	0.0646	P	3.9
2	☐	50.000					
3	☐	500.000	440.101	6829.75	0.2541	P	3.2
4	☐	2500.000	2394.126	29921.50	1.0953	P	1.7
5	☐	6250.000	6057.535	70993.67	2.6725	P	1.7
6	☐	12500.000	11919.444	136853.21	5.1963	P	1.8
7	☐	25000.000	23928.850	265177.40	10.3667	P	3.2
8	☐	50000.000	48341.779	518075.74	20.8772	P	5.3
9	☐	250000.00	250473.77	2702389.32	107.9011	A	1.0

$$y = 4.3053\text{E-}004 * x + 0.0646$$

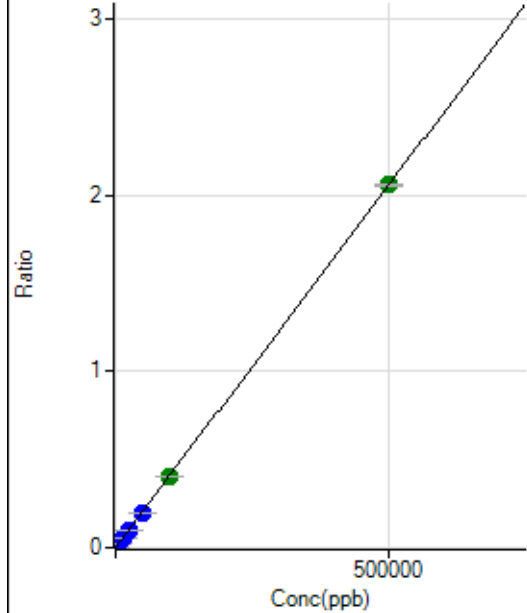
$$R = 1.0000$$

$$DL = 17.51$$

$$BEC = 150$$

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	638.94	0.0002	P	22.0
2	☐	50.000					
3	☐	500.000	458.799	7316.12	0.0021	P	5.9
4	☐	5000.000	4976.311	71786.68	0.0206	P	1.9
5	☐	12500.000	12101.247	177562.73	0.0499	P	0.3
6	☐	25000.000	24354.845	355219.02	0.1002	P	0.2
7	☐	50000.000	48253.191	700453.58	0.1983	P	0.3
8	☐	100000.00	97032.323	1405020.70	0.3986	A	0.3
9	☐	500000.00	500810.72	7035953.71	2.0565	A	0.8

$$y = 4.1059\text{E-}006 * x + 1.7344\text{E-}004$$

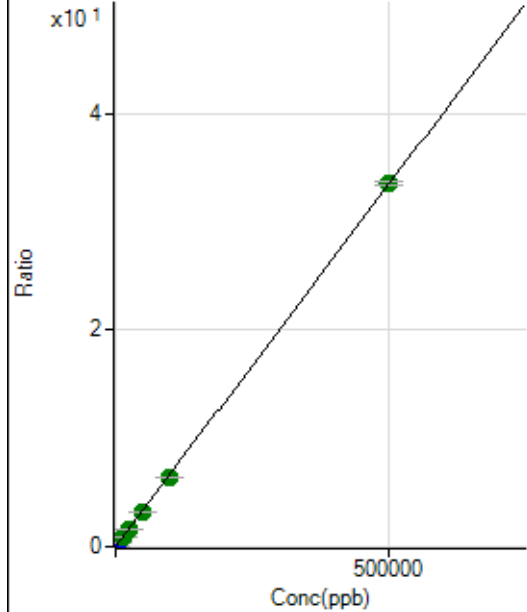
$$R = 1.0000$$

$$DL = 27.92$$

$$BEC = 42.24$$

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	11494.11	0.0031	P	1.5
2	☐	50.000					
3	☐	500.000	449.062	117752.00	0.0331	P	2.7
4	☐	5000.000	5012.889	1178041.38	0.3382	P	2.3
5	☐	12500.000	12191.558	2913062.39	0.8180	A	0.4
6	☐	25000.000	24094.750	5721923.26	1.6136	A	0.8
7	☐	50000.000	47862.391	11311069.35	3.2022	A	1.0
8	☐	100000.00	95631.687	22542389.05	6.3951	A	0.7
9	☐	500000.00	501140.31	114614280.3	33.4990	A	1.1

$$y = 6.6839\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

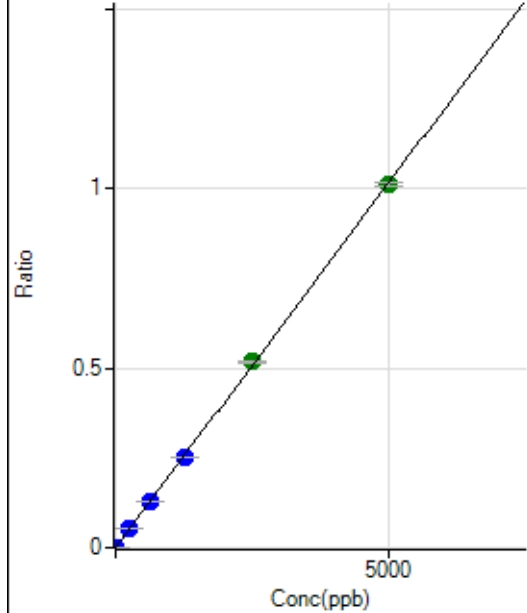
$$DL = 2.164$$

$$BEC = 46.64$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	7.5
2	☐	0.500					
3	☐	5.000	4.690	3508.94	0.0010	P	2.9
4	☐	250.000	254.946	180493.25	0.0518	P	2.1
5	☐	625.000	623.192	450839.18	0.1266	P	0.4
6	☐	1250.000	1242.152	894675.58	0.2523	P	0.7
7	☐	2500.000	2551.949	1830783.79	0.5183	A	1.1
8	☐	5000.000	4975.966	3562218.66	1.0106	A	1.1
9	☐			736.16	0.0002	P	14.2

$$y = 2.0309E-004 * x + 3.4659E-005$$

$$R = 0.9999$$

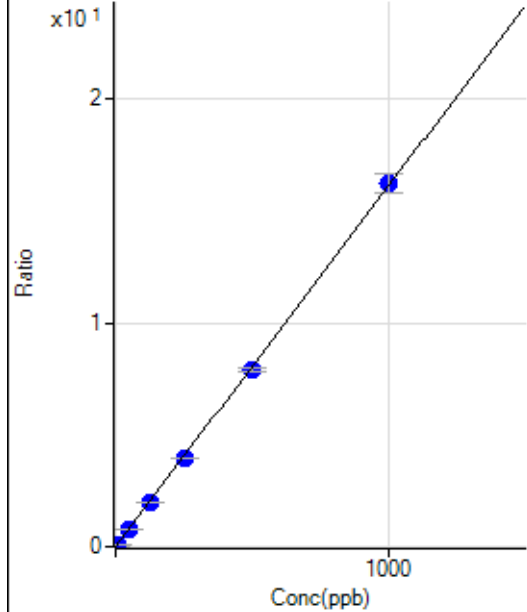
$$DL = 0.03851$$

$$BEC = 0.1707$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0003	P	21.6
2	☐	0.500					
3	☐	5.000	4.732	2060.19	0.0766	P	3.6
4	☐	50.000	48.660	21442.15	0.7850	P	2.5
5	☐	125.000	122.683	52557.11	1.9786	P	0.8
6	☐	250.000	244.710	103937.38	3.9464	P	1.3
7	☐	500.000	491.874	202951.40	7.9320	P	2.2
8	☐	1000.000	1005.743	402448.84	16.2184	P	5.4
9	☐			112.22	0.0045	P	10.9

$$y = 0.0161 * x + 3.2585E-004$$

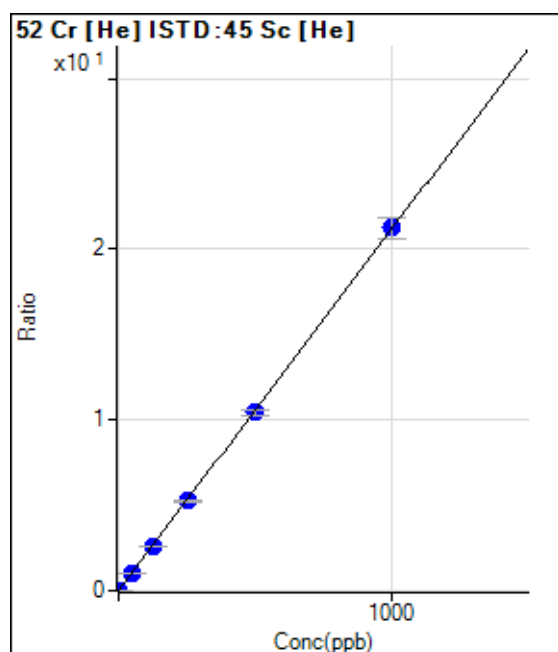
$$R = 0.9999$$

$$DL = 0.01308$$

$$BEC = 0.02021$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0092	P	7.0
2	☐	0.200					
3	☐	2.000	2.008	1387.87	0.0516	P	6.2
4	☐	50.000	48.639	28357.79	1.0380	P	1.6
5	☐	125.000	123.608	69695.86	2.6239	P	1.1
6	☐	250.000	247.383	138069.43	5.2423	P	1.1
7	☐	500.000	492.953	267002.92	10.4370	P	2.8
8	☐	1000.000	1004.420	527399.86	21.2565	P	5.7
9	☐			10817.67	0.4320	P	2.1

$$y = 0.0212 * x + 0.0092$$

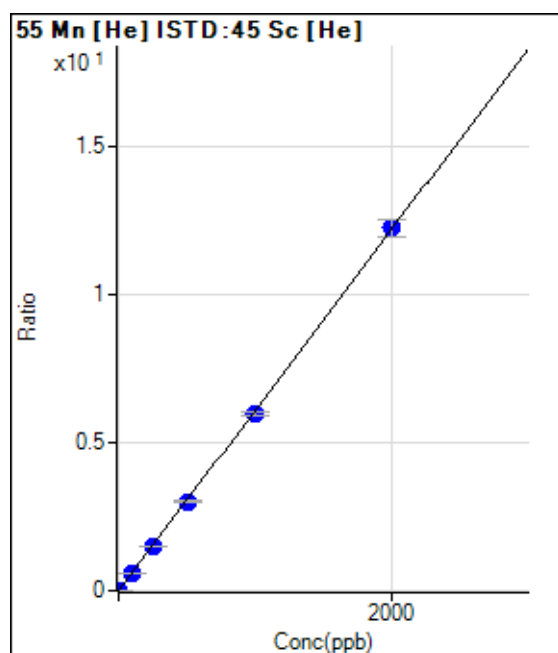
$$R = 1.0000$$

$$DL = 0.09122$$

$$BEC = 0.433$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0005	P	13.5
2	☐	0.100					
3	☐	1.000	0.896	161.12	0.0060	P	25.3
4	☐	100.000	97.831	16301.93	0.5967	P	3.4
5	☐	250.000	249.583	40413.99	1.5214	P	0.5
6	☐	500.000	494.253	79341.36	3.0124	P	1.1
7	☐	1000.000	983.128	153288.35	5.9915	P	2.6
8	☐	2000.000	2010.033	303994.46	12.2493	P	5.1
9	☐			956.72	0.0382	P	9.2

$$y = 0.0061 * x + 5.2954E-004$$

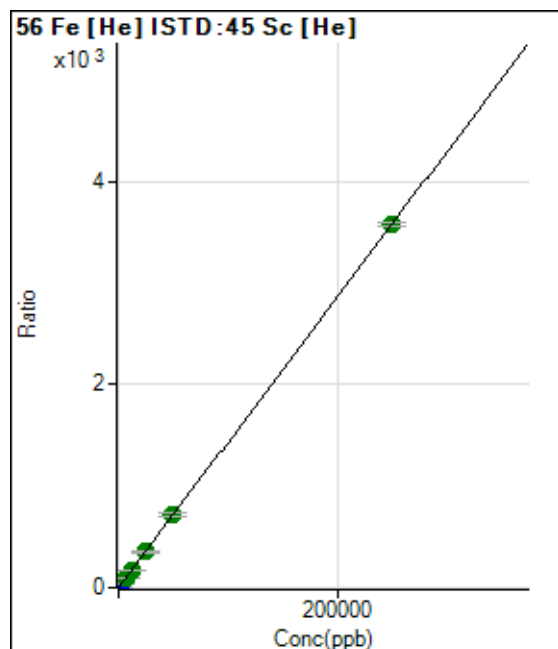
$$R = 0.9999$$

$$DL = 0.03528$$

$$BEC = 0.0869$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	964.88	0.0353	P	11.3
2	☐	5.000					
3	☐	50.000	46.382	18785.27	0.6988	P	2.4
4	☐	2500.000	2439.275	954218.36	34.9290	P	1.1
5	☐	6250.000	6281.471	2387643.48	89.8913	A	1.3
6	☐	12500.000	12366.141	4660086.50	176.9319	A	0.9
7	☐	25000.000	24655.831	9023984.98	352.7349	A	2.9
8	☐	50000.000	50253.828	17839109.43	718.9121	A	5.5
9	☐	250000.00	249990.16	89559488.12	3,576.123	A	1.0

$$y = 0.0143 * x + 0.0353$$

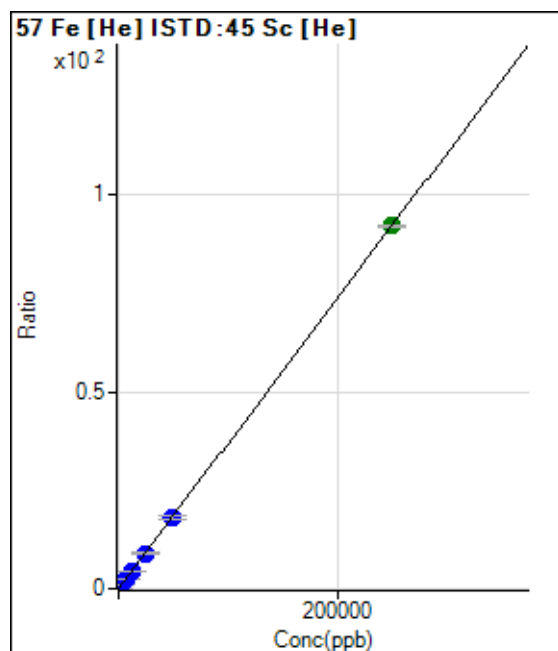
$$R = 1.0000$$

$$DL = 0.8397$$

$$BEC = 2.471$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.37	0.0007	P	31.6
2	☐	5.000					
3	☐	50.000	45.498	470.39	0.0175	P	18.5
4	☐	2500.000	2404.900	24212.26	0.8863	P	1.3
5	☐	6250.000	6016.638	58866.85	2.2163	P	1.5
6	☐	12500.000	12011.373	116512.26	4.4237	P	0.8
7	☐	25000.000	24214.345	228123.92	8.9172	P	2.8
8	☐	50000.000	49293.894	450368.84	18.1522	P	5.8
9	☐	250000.00	250251.00	2307947.30	92.1507	A	0.3

$$y = 3.6823E-004 * x + 7.4707E-004$$

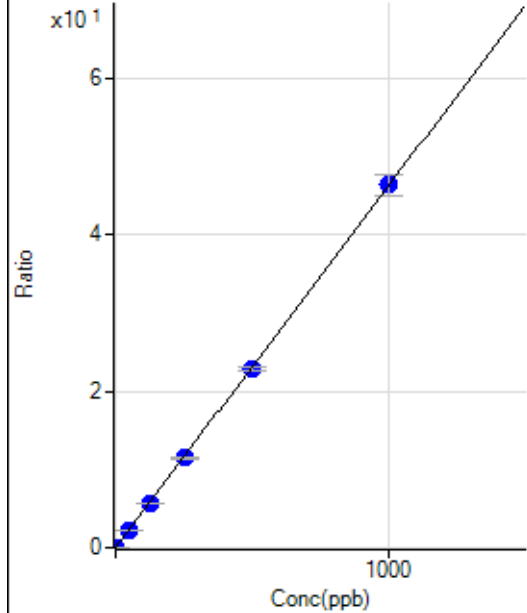
$$R = 1.0000$$

$$DL = 1.926$$

$$BEC = 2.029$$

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	51.11	0.0019	P	42.6
2	☐	0.100					
3	☐	1.000	0.918	1190.07	0.0443	P	3.7
4	☐	50.000	49.019	61923.64	2.2668	P	1.7
5	☐	125.000	124.147	152414.53	5.7381	P	0.9
6	☐	250.000	247.694	301481.36	11.4467	P	1.0
7	☐	500.000	494.942	585088.49	22.8708	P	2.8
8	☐	1000.000	1003.262	1150286.09	46.3579	P	5.5
9	☐			1474.55	0.0589	P	3.8

$$y = 0.0462 * x + 0.0019$$

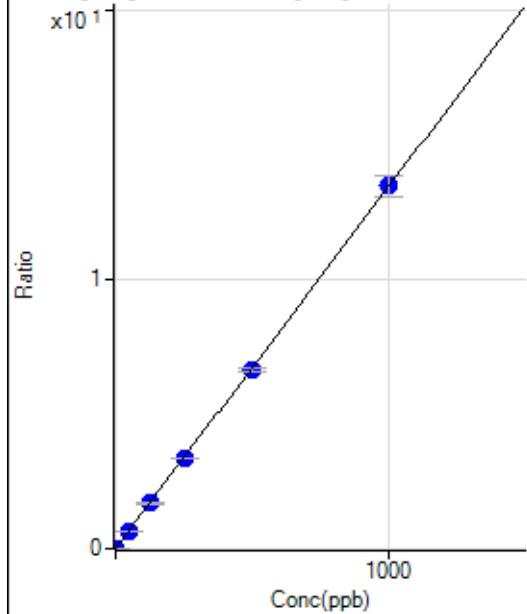
$$R = 1.0000$$

$$DL = 0.05195$$

$$BEC = 0.04068$$

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	273.34	0.0100	P	9.8
2	☐	0.100					
3	☐	1.000	1.077	658.92	0.0245	P	3.8
4	☐	50.000	49.022	18294.50	0.6697	P	1.9
5	☐	125.000	124.646	44818.78	1.6874	P	1.9
6	☐	250.000	250.490	89051.24	3.3810	P	0.3
7	☐	500.000	495.081	170739.13	6.6726	P	1.9
8	☐	1000.000	1002.430	334948.52	13.5002	P	5.8
9	☐			4538.59	0.1812	P	0.6

$$y = 0.0135 * x + 0.0100$$

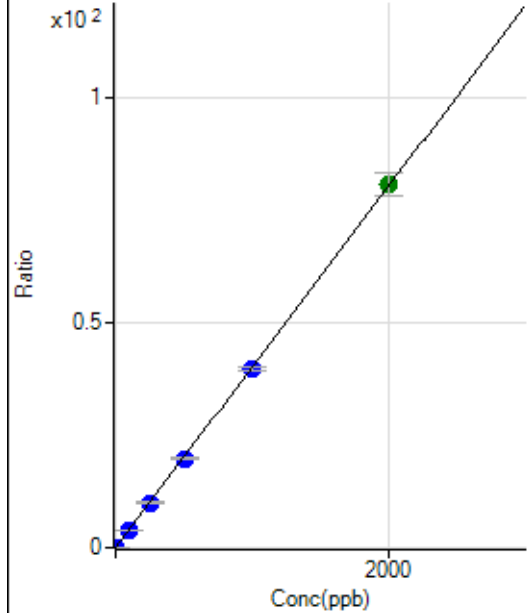
$$R = 1.0000$$

$$DL = 0.2189$$

$$BEC = 0.7447$$

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	146.67	0.0054	P	21.9
2	☐	0.200					
3	☐	2.000	1.908	2207.99	0.0821	P	3.6
4	☐	100.000	97.868	107717.81	3.9433	P	1.9
5	☐	250.000	249.057	266323.52	10.0268	P	1.4
6	☐	500.000	494.487	524196.35	19.9023	P	0.8
7	☐	1000.000	987.983	1017293.54	39.7595	P	2.2
8	☐	2000.000	2007.611	2003938.34	80.7869	A	6.3
9	☐			2760.33	0.1102	P	4.4

$$y = 0.0402 * x + 0.0054$$

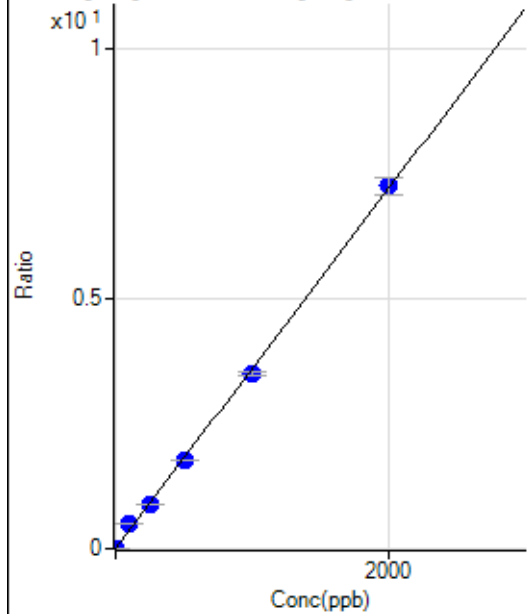
$$R = 1.0000$$

$$DL = 0.08766$$

$$BEC = 0.1335$$

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	25.56	0.0009	P	64.5
2	☐	0.200					
3	☐	2.000	1.741	193.34	0.0072	P	15.7
4	☐	100.000	140.991	13879.35	0.5081	P	1.4
5	☐	250.000	248.449	23760.62	0.8946	P	1.6
6	☐	500.000	488.792	46329.45	1.7590	P	1.2
7	☐	1000.000	972.215	89491.97	3.4979	P	2.6
8	☐	2000.000	2014.839	179896.03	7.2480	P	4.8
9	☐			646.70	0.0258	P	6.0

$$y = 0.0036 * x + 9.3694E-004$$

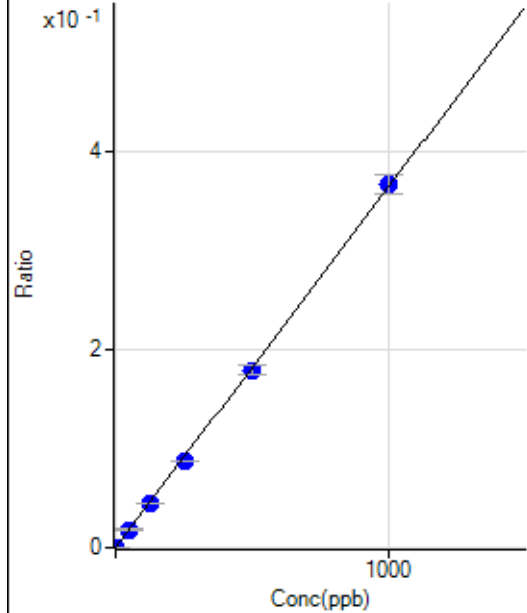
$$R = 0.9996$$

$$DL = 0.5041$$

$$BEC = 0.2605$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	91.7
2	☐	0.100					
3	☐	1.000	1.028	76.54	0.0004	P	11.5
4	☐	50.000	50.125	3565.92	0.0183	P	2.8
5	☐	125.000	122.610	8664.51	0.0446	P	0.6
6	☐	250.000	241.618	16995.10	0.0879	P	0.6
7	☐	500.000	492.905	33337.71	0.1793	P	4.5
8	☐	1000.000	1005.935	66392.39	0.3660	P	5.3
9	☐			29.63	0.0002	P	19.1

$$y = 3.6381\text{E-}004 * x + 1.5679\text{E-}005$$

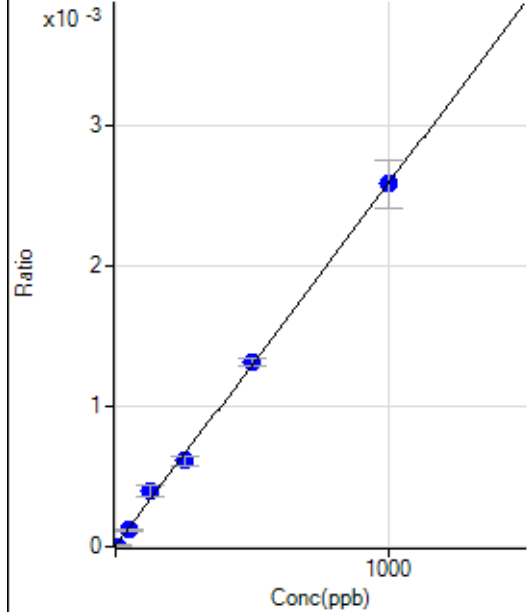
$$R = 0.9999$$

$$DL = 0.1185$$

$$BEC = 0.0431$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	0.015	1.11	0.0000	P	173.
4	☐	50.000	44.085	23.33	0.0001	P	13.7
5	☐	125.000	150.788	76.67	0.0004	P	19.5
6	☐	250.000	234.163	117.78	0.0006	P	12.4
7	☐	500.000	504.787	243.34	0.0013	P	4.1
8	☐	1000.000	998.663	467.80	0.0026	P	13.0
9	☐			0.00	0.0000	P	

$$y = 2.5801\text{E-}006 * x + 5.6028\text{E-}006$$

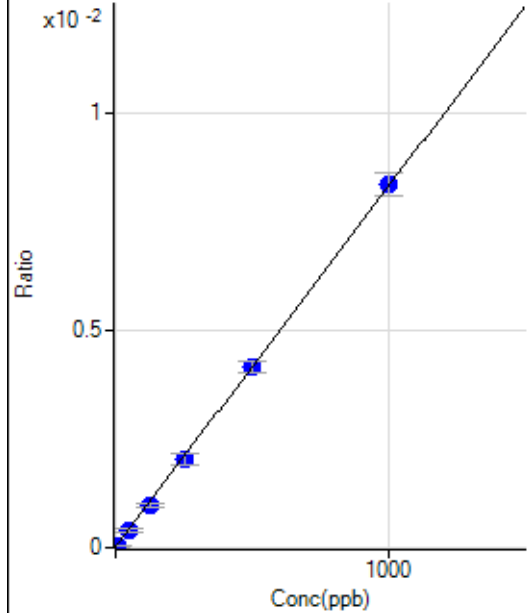
$$R = 0.9994$$

$$DL = 11.28$$

$$BEC = 2.172$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.70	0.0000	P	49.8
2	☐	0.500					
3	☐	5.000	3.799	9.87	0.0001	P	54.2
4	☐	50.000	43.718	74.69	0.0004	P	23.0
5	☐	125.000	114.076	187.66	0.0010	P	9.5
6	☐	250.000	242.477	392.60	0.0020	P	14.1
7	☐	500.000	498.145	772.25	0.0042	P	6.1
8	☐	1000.000	1004.494	1516.76	0.0084	P	6.3
9	☐			2.47	0.0000	P	173.

$$y = 8.3062\text{E-}006 * x + 1.8754\text{E-}005$$

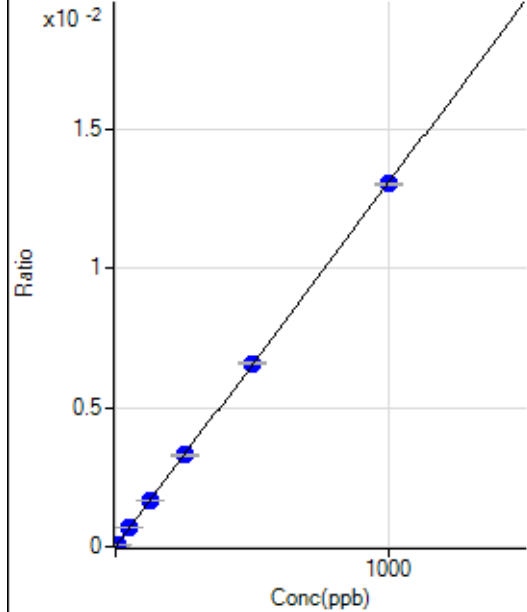
$$R = 0.9999$$

$$DL = 3.371$$

$$BEC = 2.258$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-25.72	0.0000	P	-76.
2	☐	0.500					
3	☐	5.000	4.915	391.90	0.0001	P	7.3
4	☐	50.000	53.134	4402.25	0.0007	P	7.3
5	☐	125.000	127.595	10904.55	0.0017	P	0.9
6	☐	250.000	252.601	21769.04	0.0033	P	1.7
7	☐	500.000	503.840	43282.41	0.0066	P	1.1
8	☐	1000.000	996.949	85862.61	0.0130	P	0.6
9	☐			29.87	0.0000	P	91.0

$$y = 1.3064\text{E-}005 * x - 3.8958\text{E-}006$$

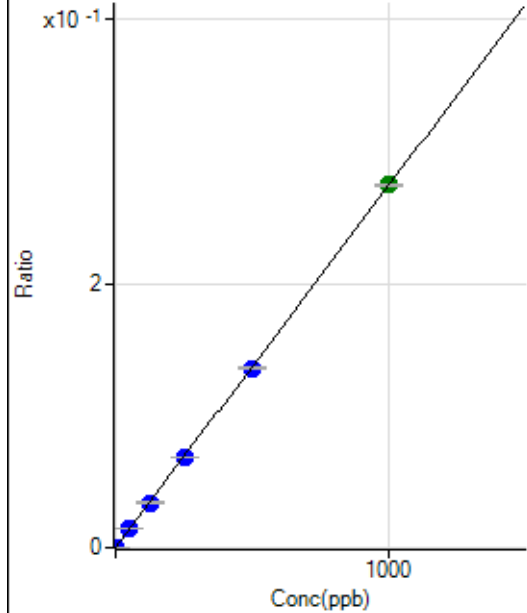
$$R = 1.0000$$

$$DL = 0.6797$$

$$BEC = -0.2982$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.948	2072.48	0.0003	P	5.7
4	☐	50.000	51.394	90216.91	0.0141	P	2.0
5	☐	125.000	124.329	223647.38	0.0341	P	1.2
6	☐	250.000	249.383	451467.45	0.0684	P	0.4
7	☐	500.000	496.139	894394.88	0.1359	P	0.9
8	☐	1000.000	1002.099	1810166.23	0.2745	A	0.6
9	☐			60446.08	0.0097	P	1.0

$$y = 2.7386E-004 * x + 5.9182E-005$$

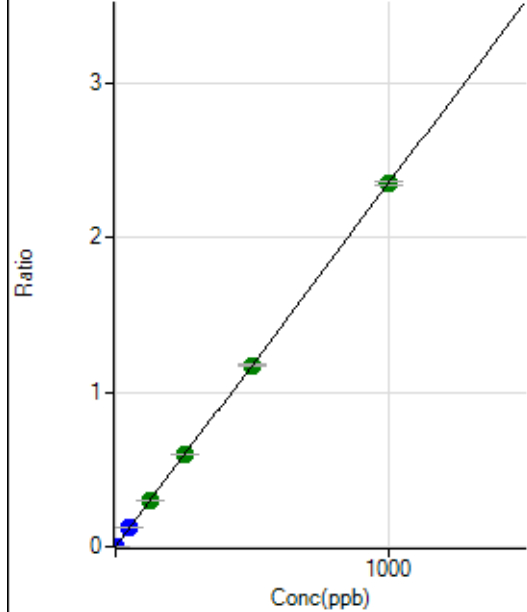
$$R = 1.0000$$

$$DL = 0.06377$$

$$BEC = 0.2161$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.00	0.0000	P	29.2
2	☐	0.100					
3	☐	1.000	0.952	14666.81	0.0023	P	1.0
4	☐	50.000	51.961	780252.33	0.1223	P	2.7
5	☐	125.000	127.880	1972646.31	0.3008	A	1.3
6	☐	250.000	253.851	3944198.13	0.5972	A	0.4
7	☐	500.000	499.610	7733197.83	1.1753	A	0.8
8	☐	1000.000	998.774	15493931.42	2.3496	A	1.0
9	☐			517133.68	0.0828	P	0.8

$$y = 0.0024 * x + 1.8886E-005$$

$$R = 1.0000$$

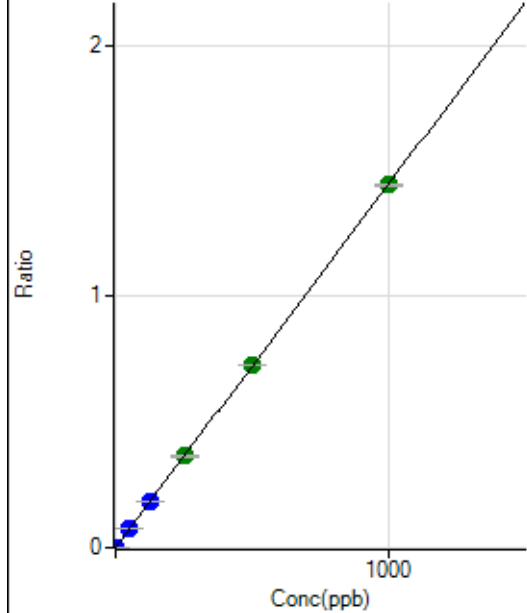
$$DL = 0.00703$$

$$BEC = 0.008028$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0001	P	14.6
2	☐	0.100					
3	☐	1.000	0.977	9517.60	0.0015	P	2.7
4	☐	50.000	51.191	473226.65	0.0742	P	2.9
5	☐	125.000	125.246	1189109.40	0.1813	P	1.3
6	☐	250.000	251.937	2408942.87	0.3647	A	0.9
7	☐	500.000	502.506	4786499.07	0.7275	A	0.4
8	☐	1000.000	998.172	9528736.24	1.4449	A	0.6
9	☐			2430.90	0.0004	P	3.3

$$y = 0.0014 * x + 5.0753E-005$$

$$R = 1.0000$$

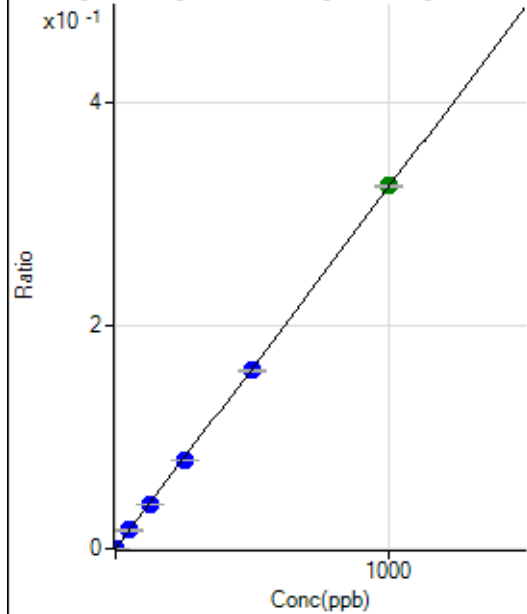
$$DL = 0.01536$$

$$BEC = 0.03506$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.0
2	☐	0.100					
3	☐	1.000	0.964	2108.60	0.0003	P	7.5
4	☐	50.000	50.769	104945.00	0.0164	P	2.2
5	☐	125.000	123.686	262532.06	0.0400	P	0.9
6	☐	250.000	246.393	526687.80	0.0797	P	0.4
7	☐	500.000	492.741	1049214.91	0.1595	P	0.8
8	☐	1000.000	1004.657	2143997.18	0.3251	A	0.7
9	☐			622.27	0.0001	P	11.3

$$y = 3.2360E-004 * x + 1.3004E-005$$

$$R = 1.0000$$

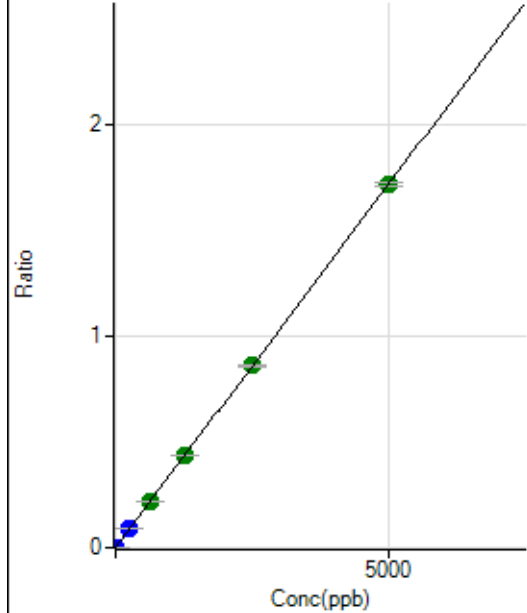
$$DL = 0.006037$$

$$BEC = 0.04019$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.46	0.0000	P	12.3
2	☐	0.500					
3	☐	5.000	4.760	10785.38	0.0017	P	3.3
4	☐	250.000	258.435	566734.52	0.0888	P	2.8
5	☐	625.000	635.669	1432009.54	0.2184	A	1.0
6	☐	1250.000	1268.205	2877448.85	0.4357	A	0.6
7	☐	2500.000	2502.234	5655885.67	0.8596	A	0.5
8	☐	5000.000	4992.577	11309710.06	1.7150	A	0.9
9	☐			6543.55	0.0010	P	1.9

$$y = 3.4351\text{E-}004 * x + 2.5591\text{E-}005$$

$$R = 1.0000$$

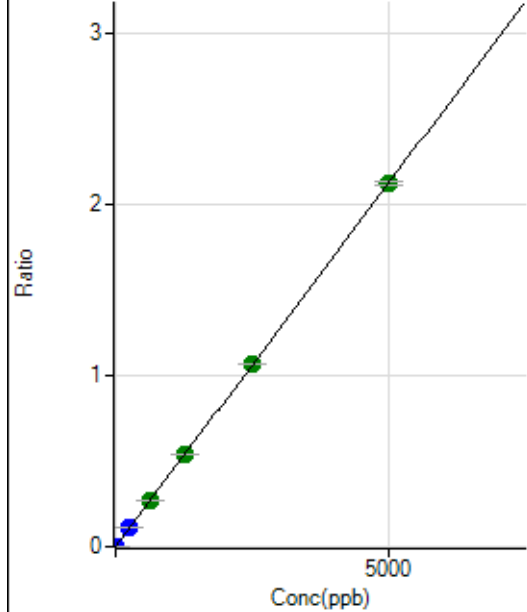
$$DL = 0.02739$$

$$BEC = 0.0745$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	24.1
2	☐	0.500					
3	☐	5.000	4.542	12567.50	0.0019	P	4.1
4	☐	250.000	257.484	696905.77	0.1092	P	2.9
5	☐	625.000	638.631	1775825.17	0.2708	A	1.4
6	☐	1250.000	1263.180	3538003.16	0.5357	A	0.6
7	☐	2500.000	2505.919	6992449.55	1.0627	A	0.4
8	☐	5000.000	4991.668	13959180.00	2.1168	A	0.9
9	☐			10284.87	0.0016	P	3.3

$$y = 4.2407\text{E-}004 * x + 8.8024\text{E-}006$$

$$R = 1.0000$$

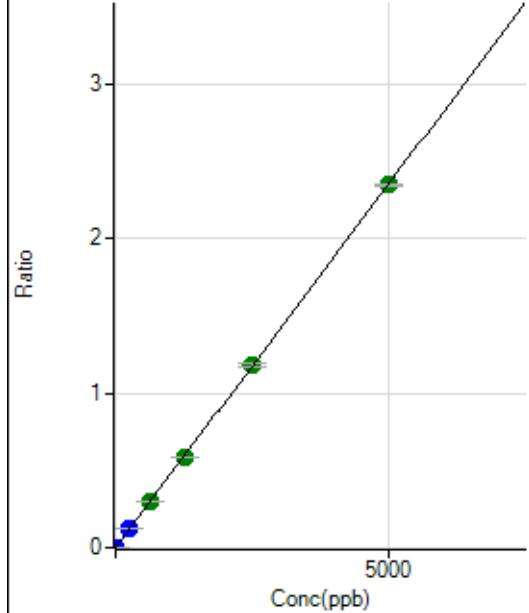
$$DL = 0.01502$$

$$BEC = 0.02076$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	0.6
2	☐	0.500					
3	☐	5.000	4.656	14302.62	0.0022	P	4.4
4	☐	250.000	254.923	765895.26	0.1200	P	2.1
5	☐	625.000	632.529	1952026.74	0.2977	A	1.9
6	☐	1250.000	1253.979	3898095.19	0.5902	A	0.1
7	☐	2500.000	2513.809	7784728.91	1.1831	A	1.1
8	☐	5000.000	4990.914	15490365.80	2.3490	A	0.9
9	☐			12503.56	0.0020	P	1.6

$$y = 4.7065E-004 * x + 1.1328E-005$$

R = 1.0000

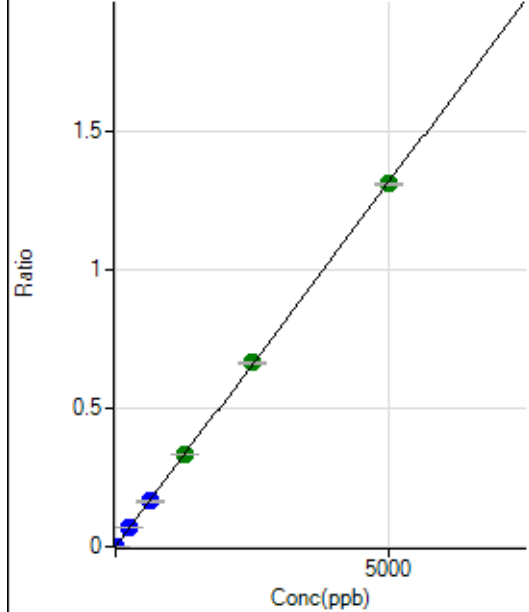
DL = 0.0004432

BEC = 0.02407

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	52.78	0.0000	P	63.2
2	☐	0.500					
3	☐	5.000	4.582	7880.40	0.0012	P	2.2
4	☐	250.000	257.709	432647.10	0.0678	P	3.1
5	☐	625.000	624.356	1076877.09	0.1642	P	1.6
6	☐	1250.000	1270.249	2206806.89	0.3341	A	0.7
7	☐	2500.000	2528.994	4377036.73	0.6652	A	0.7
8	☐	5000.000	4980.136	8638544.72	1.3100	A	0.8
9	☐			6248.93	0.0010	P	3.0

$$y = 2.6304E-004 * x + 7.9521E-006$$

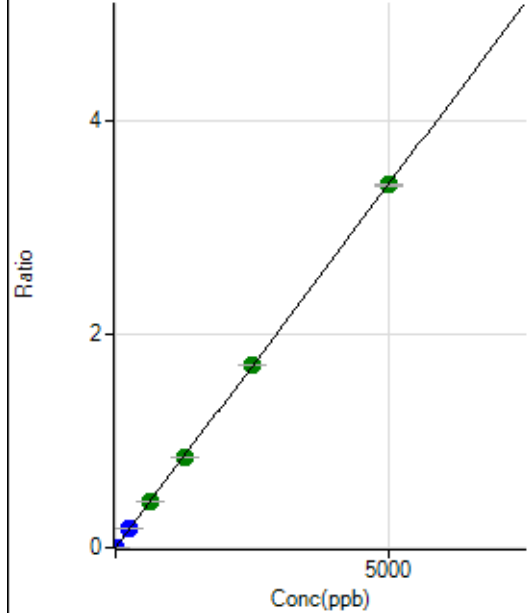
R = 1.0000

DL = 0.05732

BEC = 0.03023

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	83.34	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	4.631	20532.92	0.0032	P	2.8
4	☐	250.000	256.323	1112466.70	0.1743	P	2.8
5	☐	625.000	633.600	2824993.77	0.4309	A	1.8
6	☐	1250.000	1252.244	5623937.67	0.8515	A	0.7
7	☐	2500.000	2510.131	11230936.53	1.7069	A	0.3
8	☐	5000.000	4992.983	22389412.30	3.3952	A	0.7
9	☐			15659.66	0.0025	P	2.7

$$y = 6.7999\text{E-}004 * x + 1.2590\text{E-}005$$

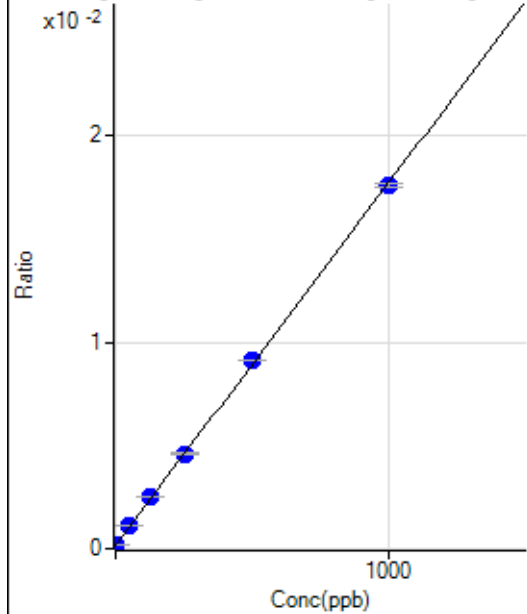
$$R = 1.0000$$

$$DL = 0.00575$$

$$BEC = 0.01852$$

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	1244.56	0.0002	P	5.3
2	☐	0.100					
3	☐	1.000	0.862	1336.24	0.0002	P	10.6
4	☐	50.000	53.241	8505.84	0.0011	P	3.3
5	☐	125.000	133.560	19909.89	0.0025	P	2.1
6	☐	250.000	253.577	37737.28	0.0046	P	1.6
7	☐	500.000	511.701	74978.10	0.0091	P	0.7
8	☐	1000.000	992.023	145909.63	0.0176	P	1.2
9	☐			1175.10	0.0001	P	10.6

$$y = 1.7576\text{E-}005 * x + 1.5465\text{E-}004$$

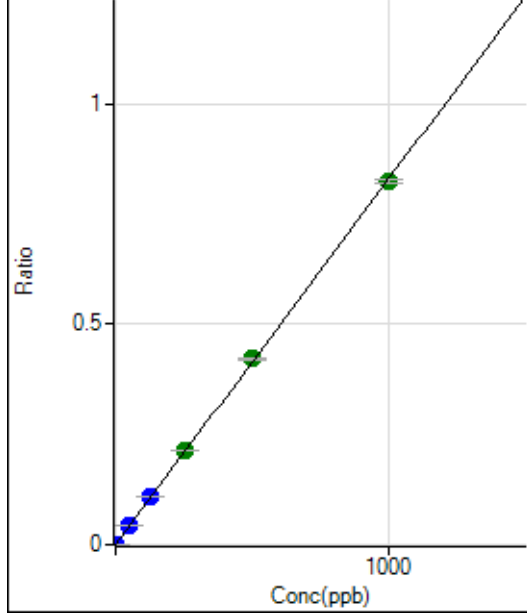
$$R = 0.9999$$

$$DL = 1.404$$

$$BEC = 8.799$$

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	66.67	0.0000	P	33.9
2	☐	0.100					
3	☐	1.000	1.035	6813.14	0.0009	P	6.0
4	☐	50.000	53.417	345596.36	0.0443	P	2.8
5	☐	125.000	131.449	867409.45	0.1090	P	0.9
6	☐	250.000	258.468	1753916.29	0.2143	A	1.2
7	☐	500.000	508.416	3455169.61	0.4216	A	0.8
8	☐	1000.000	992.698	6827691.65	0.8232	A	1.0
9	☐			588.93	0.0001	P	16.5

$$y = 8.2921\text{E-}004 * x + 8.3012\text{E-}006$$

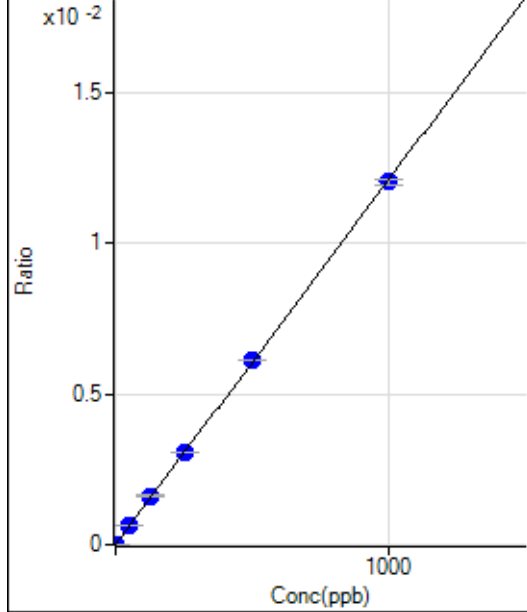
$$R = 0.9999$$

$$DL = 0.01017$$

$$BEC = 0.01001$$

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	12.50	0.0000	P	88.8
2	☐	0.100					
3	☐	1.000	0.954	102.78	0.0000	P	19.1
4	☐	50.000	52.565	4966.29	0.0006	P	2.5
5	☐	125.000	133.623	12856.35	0.0016	P	2.1
6	☐	250.000	254.200	25141.85	0.0031	P	0.8
7	☐	500.000	505.897	50098.45	0.0061	P	0.7
8	☐	1000.000	994.795	99688.27	0.0120	P	1.9
9	☐			33.33	0.0000	P	50.8

$$y = 1.2080\text{E-}005 * x + 1.5608\text{E-}006$$

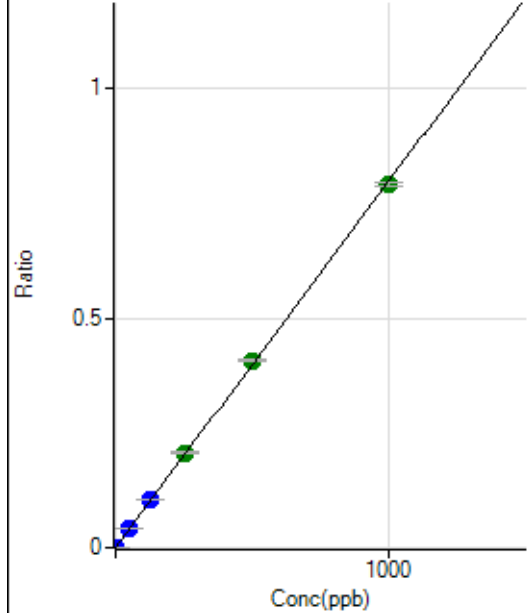
$$R = 0.9999$$

$$DL = 0.3443$$

$$BEC = 0.1292$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.989	6290.62	0.0008	P	4.0
4	☐	50.000	53.123	330710.45	0.0424	P	3.1
5	☐	125.000	130.952	831489.17	0.1045	P	1.3
6	☐	250.000	259.284	1693013.69	0.2069	A	1.0
7	☐	500.000	511.890	3347409.84	0.4084	A	0.7
8	☐	1000.000	990.834	6557270.28	0.7906	A	1.1
9	☐			550.04	0.0001	P	17.3

$$y = 7.9788\text{E-}004 * x + 1.0363\text{E-}005$$

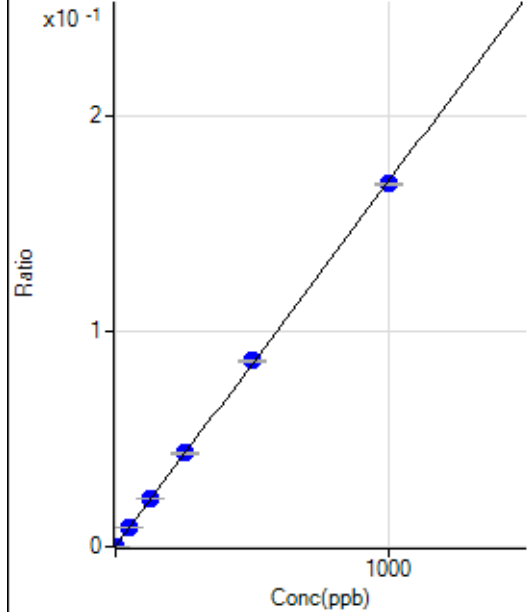
$$R = 0.9998$$

$$DL = 0.008031$$

$$BEC = 0.01299$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	884.66	0.0001	P	6.5
2	☐	0.100					
3	☐	1.000	0.962	2145.46	0.0003	P	7.8
4	☐	50.000	53.567	71534.50	0.0092	P	3.2
5	☐	125.000	131.831	178326.43	0.0224	P	0.3
6	☐	250.000	256.286	355640.84	0.0435	P	1.3
7	☐	500.000	508.465	705782.65	0.0861	P	0.4
8	☐	1000.000	993.164	1394317.03	0.1681	P	0.8
9	☐			1028.42	0.0001	P	8.2

$$y = 1.6915\text{E-}004 * x + 1.0994\text{E-}004$$

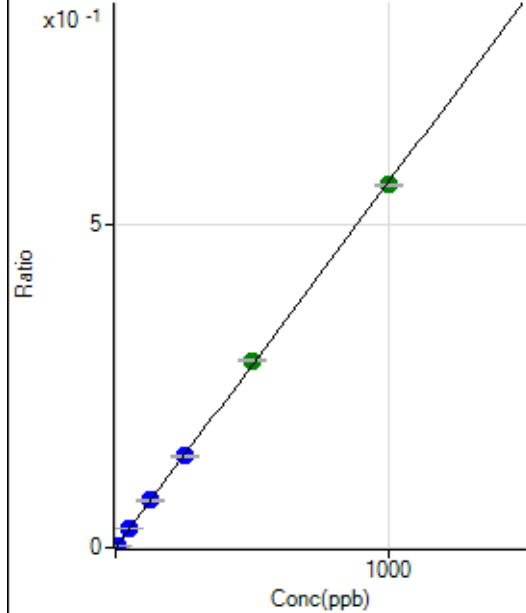
$$R = 0.9999$$

$$DL = 0.1268$$

$$BEC = 0.6499$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1031.96	0.0001	P	48.6
2	☐	0.500					
3	☐	5.000	4.671	21746.35	0.0028	P	0.3
4	☐	50.000	52.323	231307.08	0.0297	P	3.9
5	☐	125.000	129.175	581127.20	0.0730	P	1.0
6	☐	250.000	251.243	1161326.05	0.1419	P	1.3
7	☐	500.000	512.603	2371958.75	0.2894	A	1.0
8	☐	1000.000	992.751	4648192.90	0.5604	A	0.6
9	☐			5304.08	0.0007	P	6.8

$$y = 5.6435\text{E-}004 * x + 1.2838\text{E-}004$$

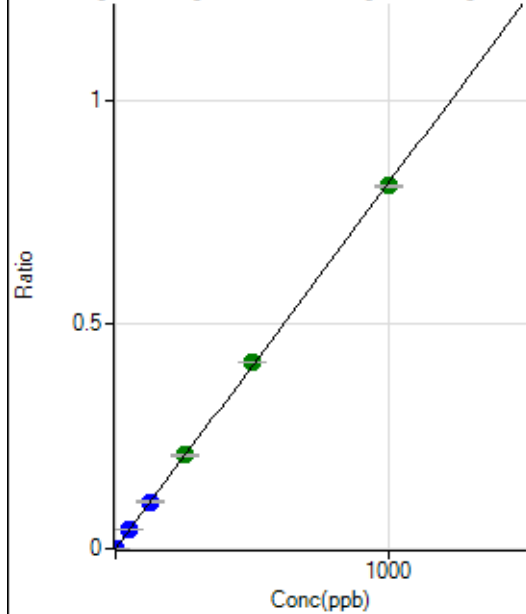
$$R = 0.9999$$

$$DL = 0.3318$$

$$BEC = 0.2275$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	36.3
2	☐	0.200					
3	☐	2.000	1.917	12389.62	0.0016	P	4.0
4	☐	50.000	52.410	333262.41	0.0427	P	3.0
5	☐	125.000	128.899	835966.26	0.1051	P	0.8
6	☐	250.000	256.215	1708724.62	0.2088	A	1.0
7	☐	500.000	510.104	3406972.47	0.4157	A	0.2
8	☐	1000.000	992.786	6710525.76	0.8090	A	0.8
9	☐			9059.05	0.0011	P	1.3

$$y = 8.1491\text{E-}004 * x + 1.3084\text{E-}005$$

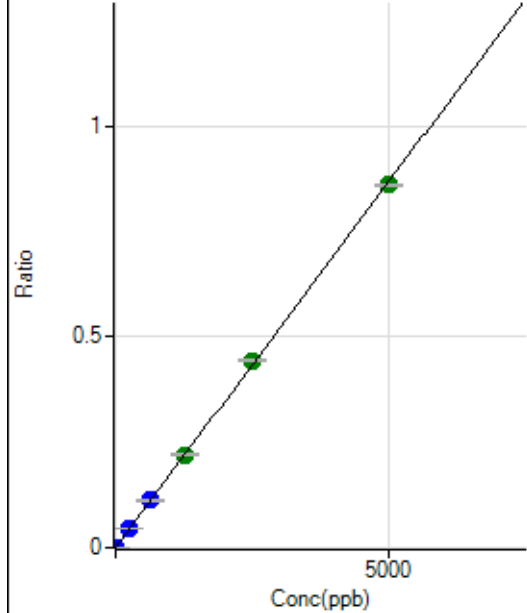
$$R = 0.9999$$

$$DL = 0.01747$$

$$BEC = 0.01606$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.6
2	☐	1.000					
3	☐	10.000	9.620	13157.04	0.0017	P	2.9
4	☐	250.000	260.476	352190.06	0.0451	P	2.9
5	☐	625.000	644.984	889552.88	0.1118	P	0.6
6	☐	1250.000	1272.289	1804452.58	0.2205	A	0.8
7	☐	2500.000	2559.958	3636219.53	0.4437	A	0.4
8	☐	5000.000	4961.428	7132196.78	0.8599	A	0.7
9	☐			1944.68	0.0002	P	7.5

$$y = 1.7331\text{E-}004 * x + 5.5315\text{E-}006$$

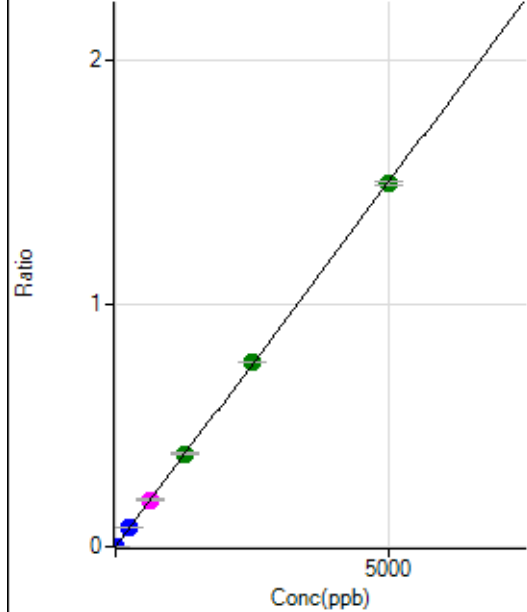
$$R = 0.9999$$

$$DL = 0.02831$$

$$BEC = 0.03192$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.2
2	☐	1.000					
3	☐	10.000	9.561	22628.57	0.0029	P	0.6
4	☐	250.000	261.959	613597.27	0.0787	P	3.1
5	☐	625.000	645.628	1542712.94	0.1939	M	0.6
6	☐	1250.000	1275.065	3132945.49	0.3829	A	1.6
7	☐	2500.000	2530.935	6228294.24	0.7599	A	0.4
8	☐	5000.000	4975.091	12390451.41	1.4938	A	0.9
9	☐			3322.79	0.0004	P	3.5

$$y = 3.0026\text{E-}004 * x + 5.8676\text{E-}006$$

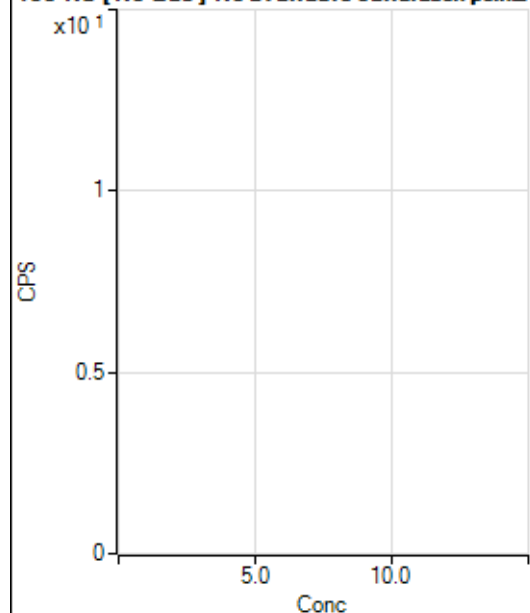
$$R = 1.0000$$

$$DL = 0.01595$$

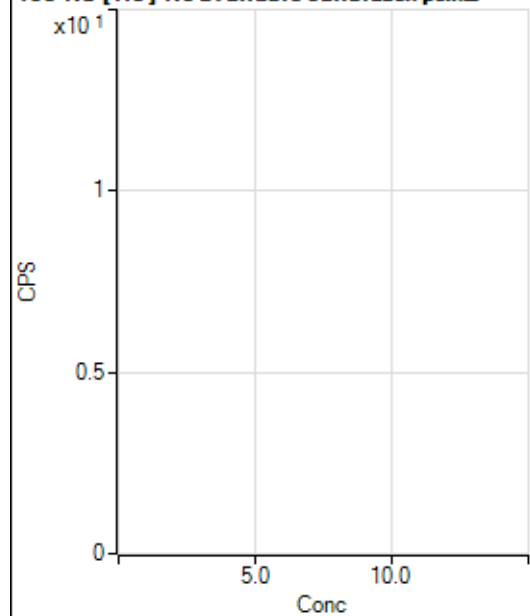
$$BEC = 0.01954$$

Weight: <None>

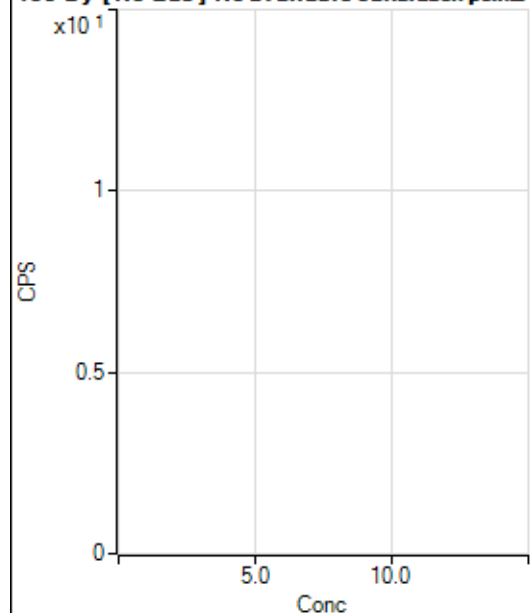
Min Conc: 0

150 Nd [No Gas] No available calibration points

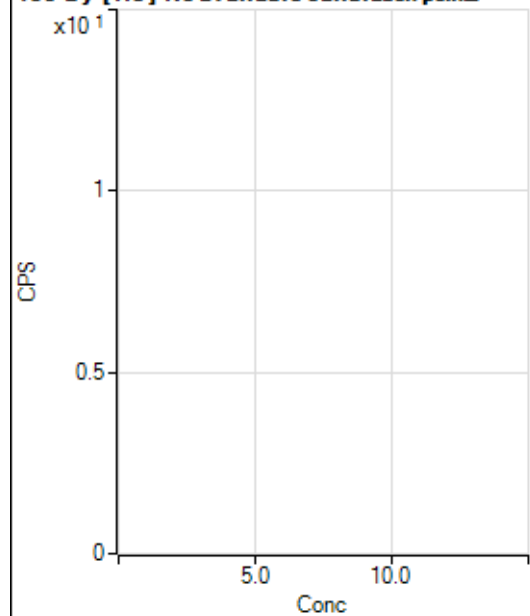
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			22.22		P	45.8
4	☐			15.56		P	65.5
5	☐			40.00		P	16.7
6	☐			62.23		P	22.3
7	☐			173.34		P	0.0
8	☐			360.02		P	22.5
9	☐			77.78		P	17.8

150 Nd [He] No available calibration points

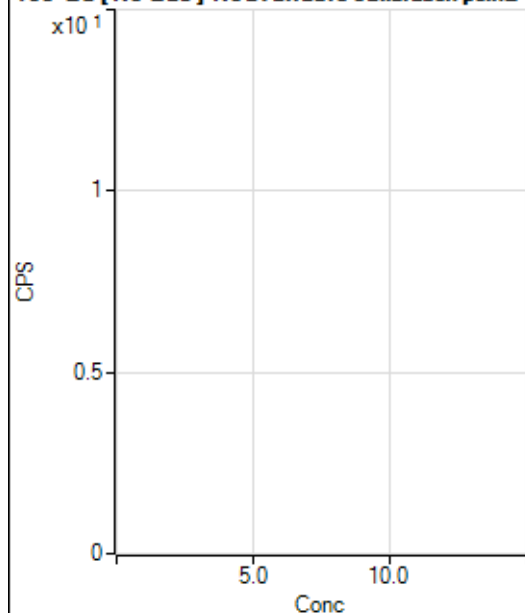
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			0.00		P	
6	☐			0.00		P	
7	☐			1.11		P	173.
8	☐			23.33		P	42.9
9	☐			5.56		P	91.6

156 Dy [No Gas] No available calibration points

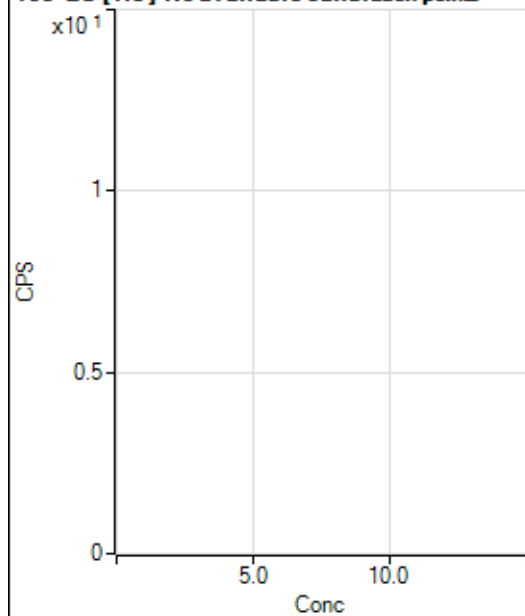
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			5.55		P	86.6
4	☐			13.89		P	34.7
5	☐			19.44		P	65.5
6	☐			27.78		P	34.6
7	☐			30.56		P	110.
8	☐			138.90		P	34.6
9	☐			58.33		P	37.8

156 Dy [He] No available calibration points

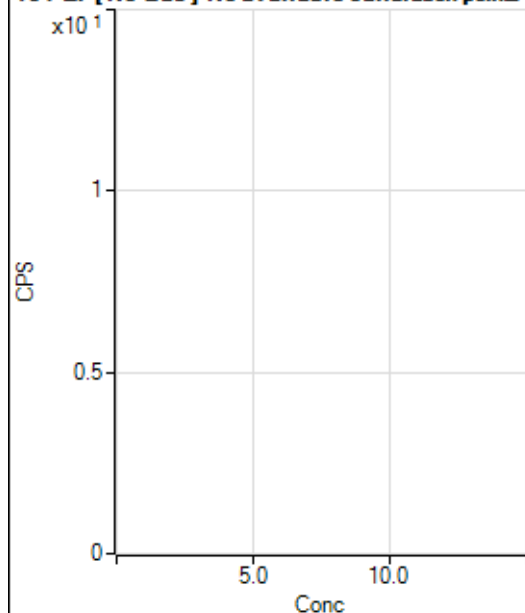
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			2.22		P	86.6
7	☐			0.00		P	
8	☐			25.55		P	15.1
9	☐			11.11		P	62.5

160 Gd [No Gas] Noavailable calibration poin_

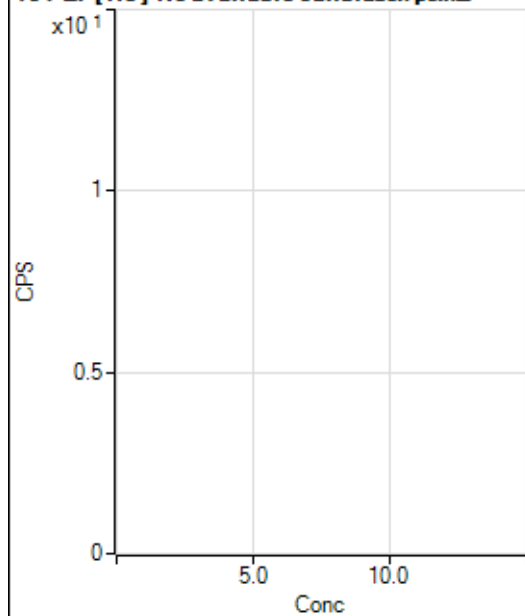
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	89.2
2	☐						
3	☐			36.11		P	35.3
4	☐			44.45		P	57.3
5	☐			47.22		P	53.9
6	☐			44.45		P	28.7
7	☐			30.56		P	68.6
8	☐			141.67		P	25.6
9	☐			66.67		P	37.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.89		P	57.3
4	☐			3.33		P	100.
5	☐			4.44		P	43.4
6	☐			4.44		P	43.4
7	☐			1.11		P	173.
8	☐			16.67		P	60.0
9	☐			5.55		P	69.3

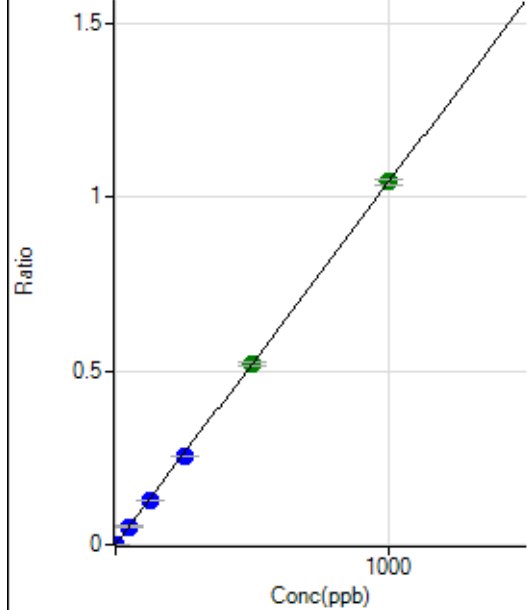
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	69.3
2	☐						
3	☐			50.00		P	44.1
4	☐			36.11		P	26.7
5	☐			30.55		P	68.6
6	☐			27.78		P	45.8
7	☐			16.67		P	50.0
8	☐			69.45		P	79.9
9	☐			30.56		P	31.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			3.33		P	100.
4	☐			5.56		P	34.7
5	☐			11.11		P	34.6
6	☐			4.44		P	114.
7	☐			5.55		P	69.3
8	☐			6.67		P	50.0
9	☐			11.11		P	34.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.978	5081.81	0.0010	P	3.2
4	☐	50.000	50.110	253552.30	0.0522	P	3.3
5	☐	125.000	123.082	644776.91	0.1282	P	0.4
6	☐	250.000	245.389	1302113.14	0.2556	P	0.9
7	☐	500.000	500.150	2666171.93	0.5209	A	1.8
8	☐	1000.000	1001.312	5297738.14	1.0429	A	1.5
9	☐			3264.46	0.0007	P	5.7

$$y = 0.0010 * x + 2.0033E-005$$

$$R = 1.0000$$

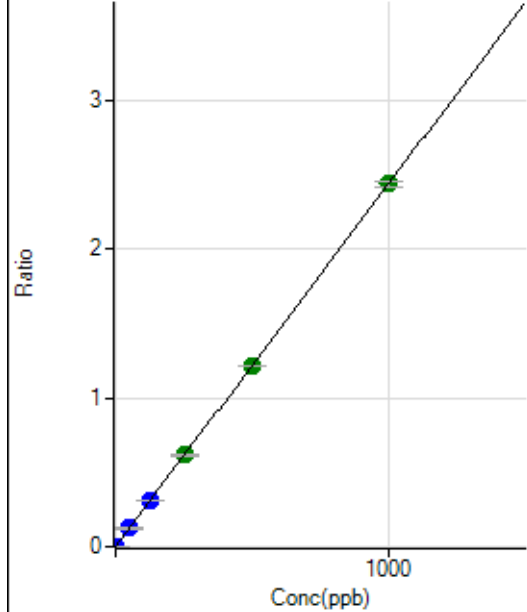
$$DL = 0.008369$$

$$BEC = 0.01924$$

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	300.02	0.0001	P	18.1
2	☐	0.100					
3	☐	1.000	0.960	11744.77	0.0024	P	3.7
4	☐	50.000	50.801	602146.84	0.1240	P	3.0
5	☐	125.000	125.449	1539250.99	0.3061	P	0.2
6	☐	250.000	251.886	3130357.60	0.6145	A	1.5
7	☐	500.000	498.592	6225636.42	1.2163	A	0.3
8	☐	1000.000	1000.136	12393255.66	2.4397	A	1.3
9	☐			7633.21	0.0016	P	7.6

$$y = 0.0024 * x + 6.0090E-005$$

$$R = 1.0000$$

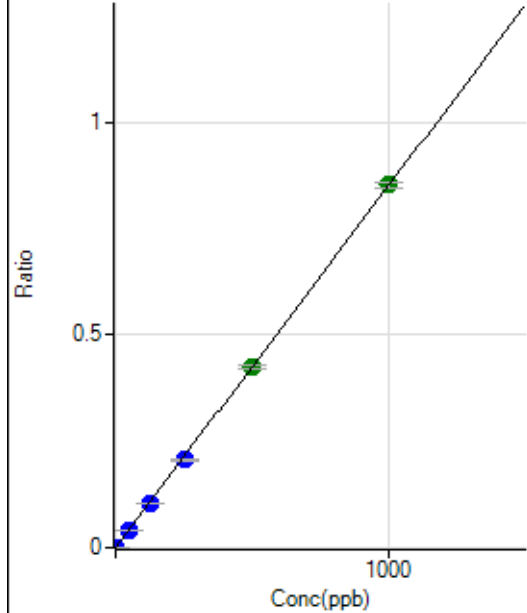
$$DL = 0.01341$$

$$BEC = 0.02463$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	303.72	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.964	4310.12	0.0009	P	8.0
4	☐	50.000	49.692	205664.57	0.0423	P	2.8
5	☐	125.000	122.008	522417.41	0.1039	P	0.5
6	☐	250.000	242.331	1050771.59	0.2063	P	1.4
7	☐	500.000	499.444	2175559.35	0.4251	A	1.2
8	☐	1000.000	1002.585	4333916.10	0.8532	A	1.5
9	☐			8560.57	0.0018	P	1.3

$$y = 8.5093\text{E-}004 * x + 6.0838\text{E-}005$$

$$R = 1.0000$$

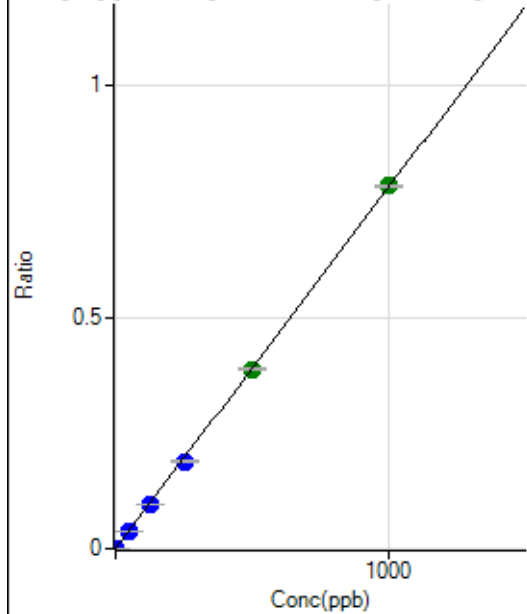
$$DL = 0.03525$$

$$BEC = 0.0715$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.38	0.0001	P	13.6
2	☐	0.100					
3	☐	1.000	0.897	3689.55	0.0008	P	5.4
4	☐	50.000	49.414	187535.35	0.0386	P	2.5
5	☐	125.000	120.640	473667.18	0.0942	P	0.5
6	☐	250.000	241.244	959198.75	0.1883	P	1.1
7	☐	500.000	497.355	1986535.39	0.3881	A	1.4
8	☐	1000.000	1004.086	3980153.48	0.7835	A	0.8
9	☐			7432.04	0.0016	P	4.9

$$y = 7.8026\text{E-}004 * x + 5.4156\text{E-}005$$

$$R = 0.9999$$

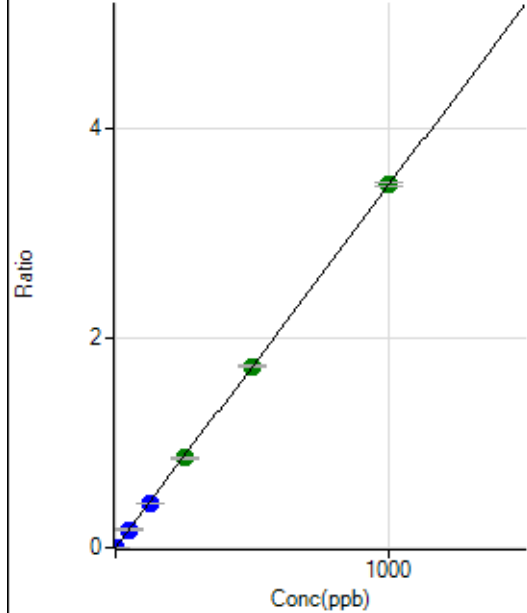
$$DL = 0.02833$$

$$BEC = 0.06941$$

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	1133.39	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.936	16934.61	0.0035	P	0.1
4	☐	50.000	49.979	839941.51	0.1729	P	2.8
5	☐	125.000	122.257	2125824.88	0.4227	P	0.1
6	☐	250.000	246.800	4345880.41	0.8531	A	1.3
7	☐	500.000	499.441	8834920.54	1.7261	A	1.1
8	☐	1000.000	1001.423	17580625.11	3.4608	A	0.9
9	☐			33877.88	0.0072	P	1.0

$$y = 0.0035 * x + 2.2703E-004$$

$$R = 1.0000$$

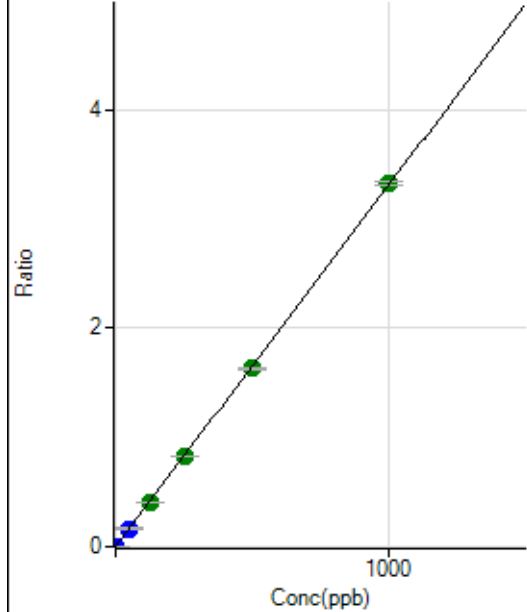
$$DL = 0.004363$$

$$BEC = 0.0657$$

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	86.11	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.913	14837.28	0.0030	P	4.9
4	☐	50.000	49.878	801060.24	0.1649	P	2.8
5	☐	125.000	124.280	2066631.06	0.4109	A	0.8
6	☐	250.000	249.095	4195956.73	0.8236	A	0.9
7	☐	500.000	493.152	8346172.41	1.6306	A	0.7
8	☐	1000.000	1003.746	16859061.49	3.3188	A	1.1
9	☐			1247.35	0.0003	P	12.0

$$y = 0.0033 * x + 1.7249E-005$$

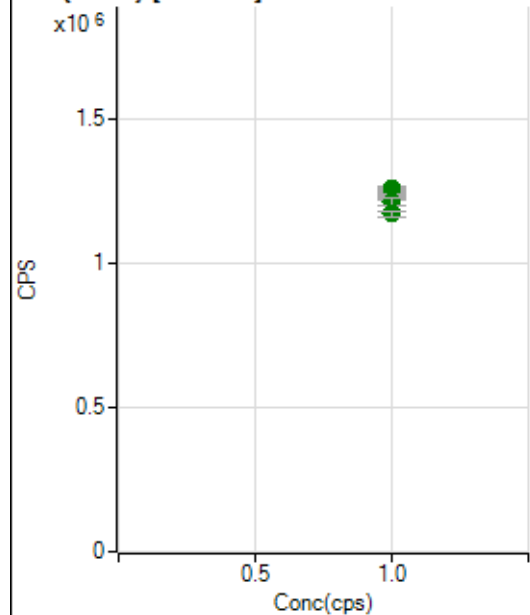
$$R = 1.0000$$

$$DL = 0.002317$$

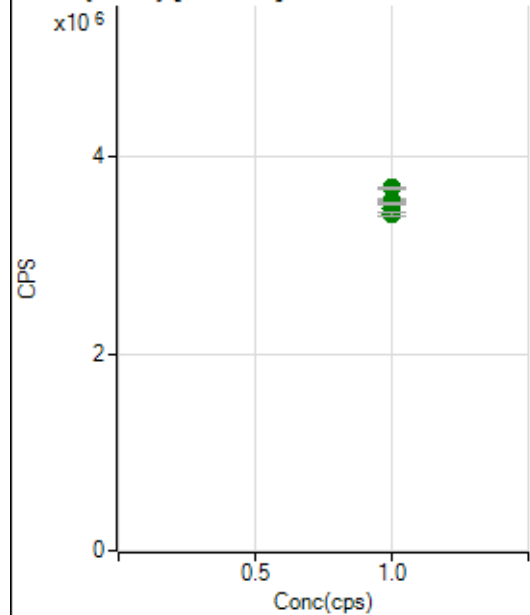
$$BEC = 0.005217$$

Weight: <None>

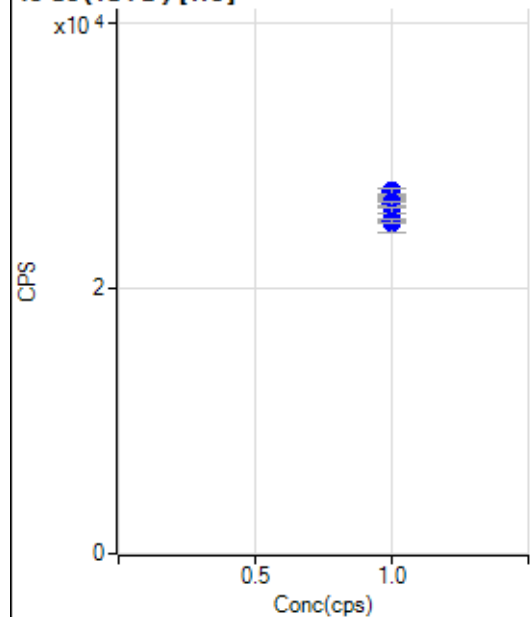
Min Conc: 0

6 Li (ISTD) [No Gas]

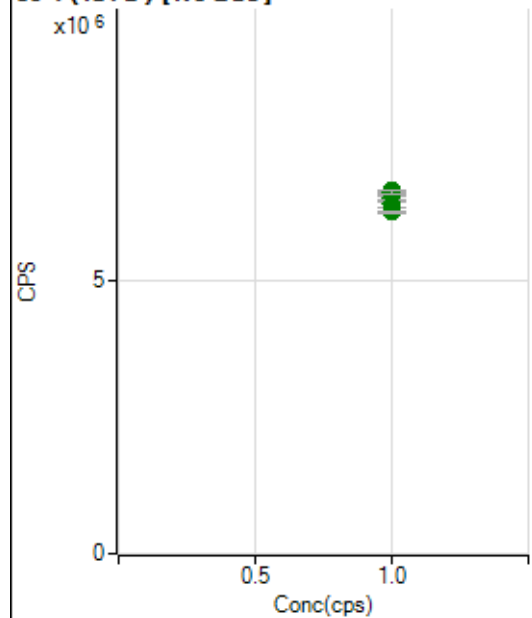
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1260204.96		A	1.0
2	☐	1.000					
3	☐	1.000		1245619.56		A	1.4
4	☐	1.000		1234439.09		A	2.2
5	☐	1.000		1259192.12		A	0.4
6	☐	1.000		1251998.98		A	0.6
7	☐	1.000		1241839.33		A	0.6
8	☐	1.000		1213390.39		A	2.2
9	☐	1.000		1173795.29		A	1.6

45 Sc (ISTD) [No Gas]

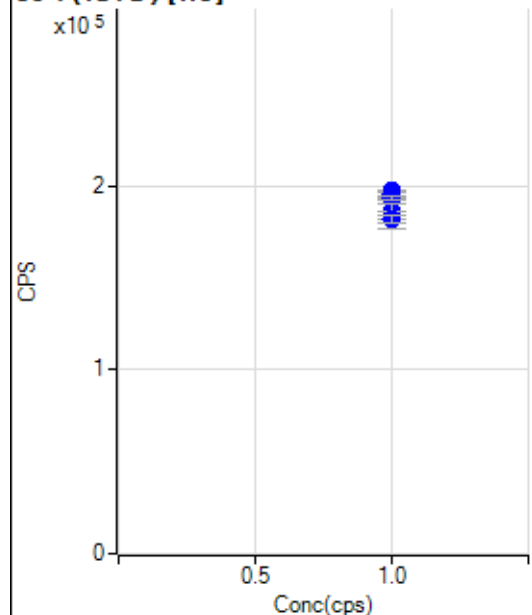
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3686846.83		A	0.5
2	☐	1.000					
3	☐	1.000		3554797.26		A	1.4
4	☐	1.000		3484702.16		A	2.3
5	☐	1.000		3561253.98		A	0.4
6	☐	1.000		3546096.43		A	0.2
7	☐	1.000		3532390.49		A	0.6
8	☐	1.000		3525090.05		A	0.8
9	☐	1.000		3421563.79		A	1.2

45 Sc (ISTD) [He]

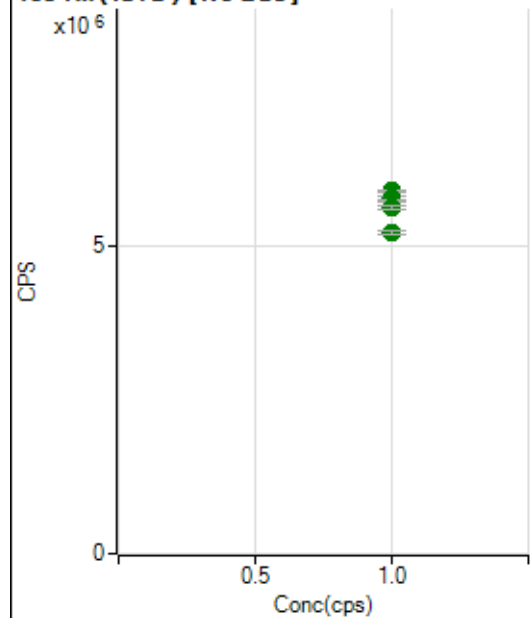
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27281.12		P	1.3
2	☐	1.000					
3	☐	1.000		26882.55		P	0.8
4	☐	1.000		27322.32		P	1.8
5	☐	1.000		26563.11		P	0.8
6	☐	1.000		26339.28		P	0.8
7	☐	1.000		25601.33		P	4.1
8	☐	1.000		24865.64		P	5.7
9	☐	1.000		25045.87		P	1.5

89 Y (ISTD) [No Gas]

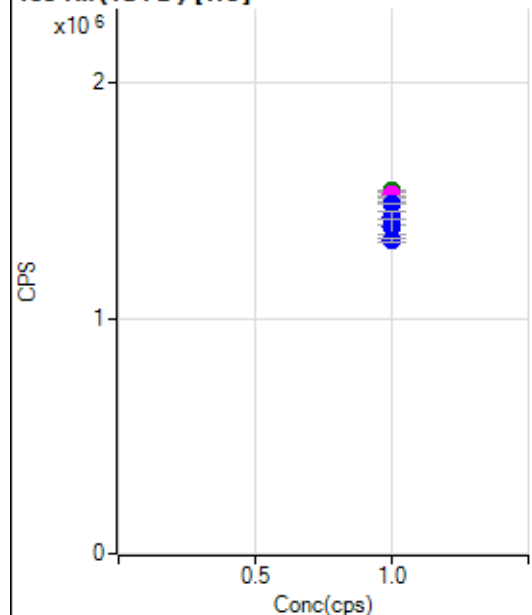
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6620995.74		A	0.6
2	☐	1.000					
3	☐	1.000		6496638.10		A	1.9
4	☐	1.000		6385224.70		A	2.7
5	☐	1.000		6557544.76		A	1.1
6	☐	1.000		6604699.69		A	0.5
7	☐	1.000		6579899.90		A	0.7
8	☐	1.000		6594705.25		A	0.7
9	☐	1.000		6242638.10		A	0.5

89 Y (ISTD) [He]

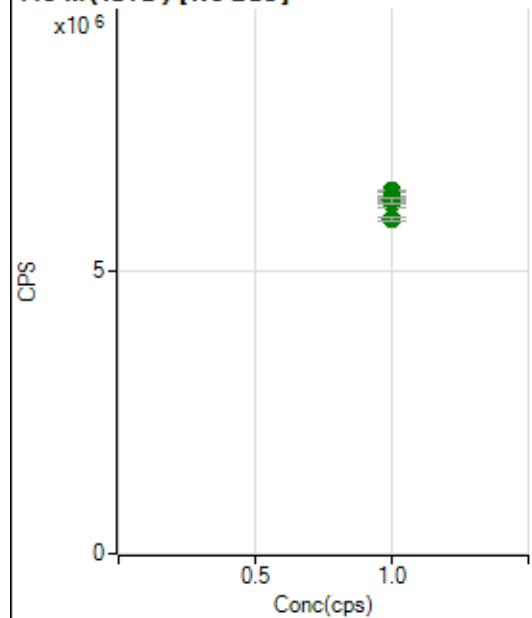
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		197271.89		P	0.4
2	☐	1.000					
3	☐	1.000		196370.53		P	0.2
4	☐	1.000		195390.22		P	0.8
5	☐	1.000		194175.46		P	0.4
6	☐	1.000		193307.70		P	1.0
7	☐	1.000		186144.41		P	4.7
8	☐	1.000		181738.95		P	5.2
9	☐	1.000		181822.58		P	2.4

103 Rh (ISTD) [No Gas]

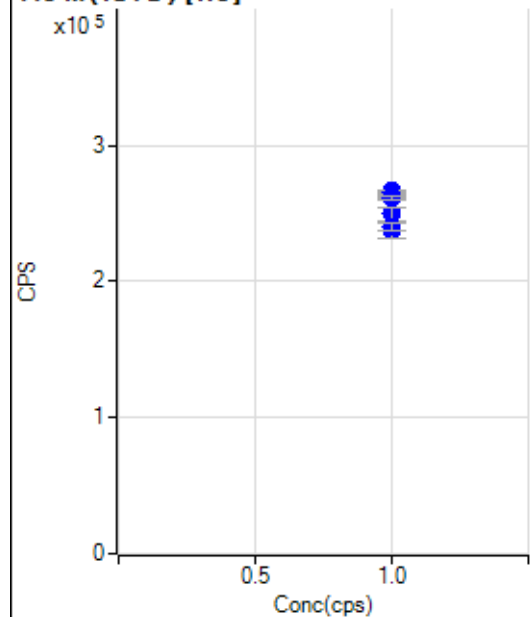
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5897890.50		A	0.7
2	☐	1.000					
3	☐	1.000		5781489.28		A	1.4
4	☐	1.000		5673131.12		A	2.5
5	☐	1.000		5755325.87		A	0.3
6	☐	1.000		5754009.63		A	0.3
7	☐	1.000		5737589.23		A	1.0
8	☐	1.000		5636870.83		A	1.3
9	☐	1.000		5219834.62		A	0.7

103 Rh (ISTD) [He]

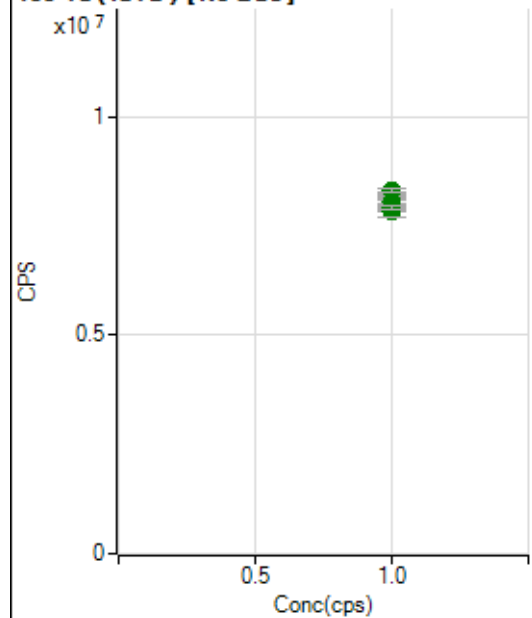
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1540540.34		A	0.3
2	☐	1.000					
3	☐	1.000		1527629.73		M	1.0
4	☐	1.000		1516119.42		M	0.5
5	☐	1.000		1488293.26		M	0.3
6	☐	1.000		1487272.31		P	0.3
7	☐	1.000		1425761.37		P	4.3
8	☐	1.000		1384505.54		P	4.7
9	☐	1.000		1330041.91		P	1.3

115 In (ISTD) [No Gas]

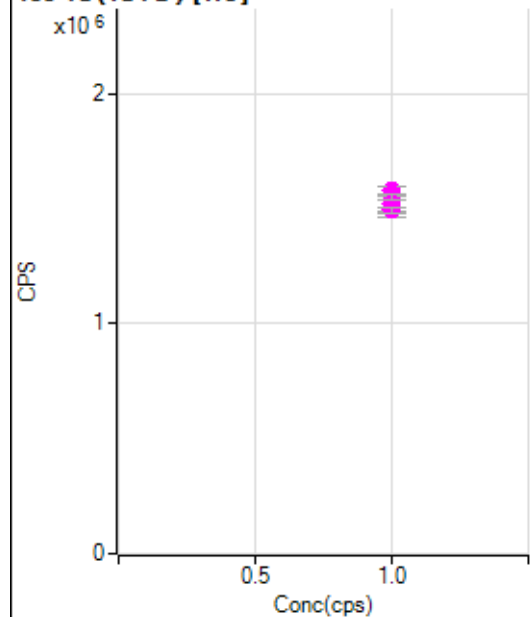
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6419033.22		A	0.5
2	☐	1.000					
3	☐	1.000		6282511.02		A	1.5
4	☐	1.000		6180919.98		A	1.7
5	☐	1.000		6287977.90		A	0.7
6	☐	1.000		6341558.57		A	1.5
7	☐	1.000		6323484.00		A	0.5
8	☐	1.000		6245505.30		A	1.2
9	☐	1.000		5910401.03		A	1.0

115 In (ISTD) [He]

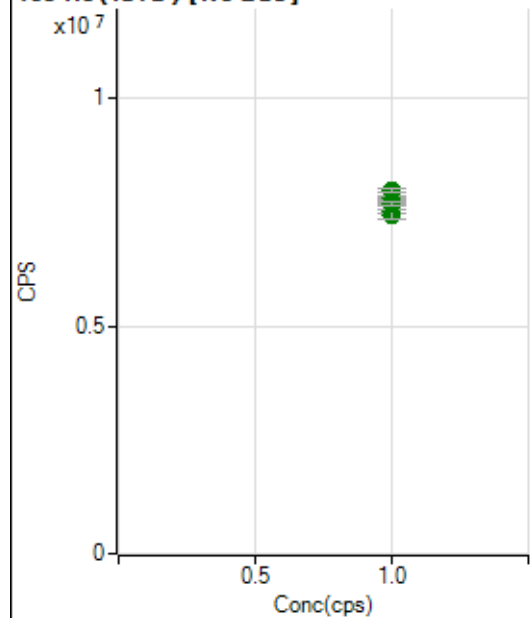
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		266089.21		P	0.5
2	☐	1.000					
3	☐	1.000		266396.26		P	0.9
4	☐	1.000		265571.80		P	0.8
5	☐	1.000		262186.42		P	0.3
6	☐	1.000		260927.42		P	0.8
7	☐	1.000		249552.96		P	4.2
8	☐	1.000		237820.11		P	5.0
9	☐	1.000		240148.80		P	2.3

159 Tb (ISTD) [No Gas]

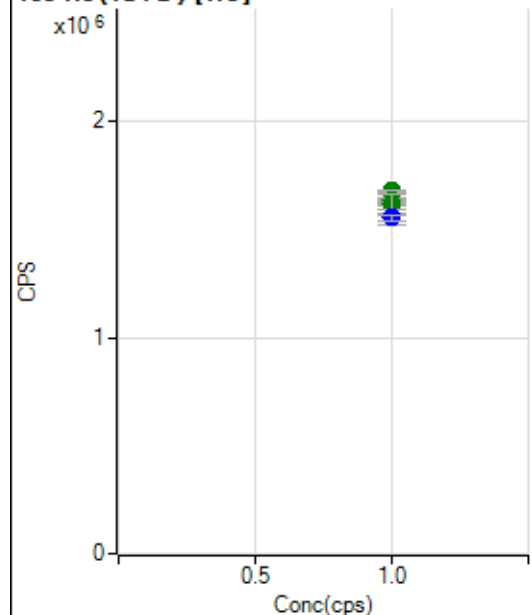
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8050161.82		A	1.0
2	☐	1.000					
3	☐	1.000		7866368.84		A	0.9
4	☐	1.000		7805462.04		A	3.1
5	☐	1.000		7957869.12		A	0.9
6	☐	1.000		8183690.57		A	0.9
7	☐	1.000		8195738.35		A	0.4
8	☐	1.000		8294839.39		A	1.0
9	☐	1.000		7926079.39		A	0.9

159 Tb (ISTD) [He]

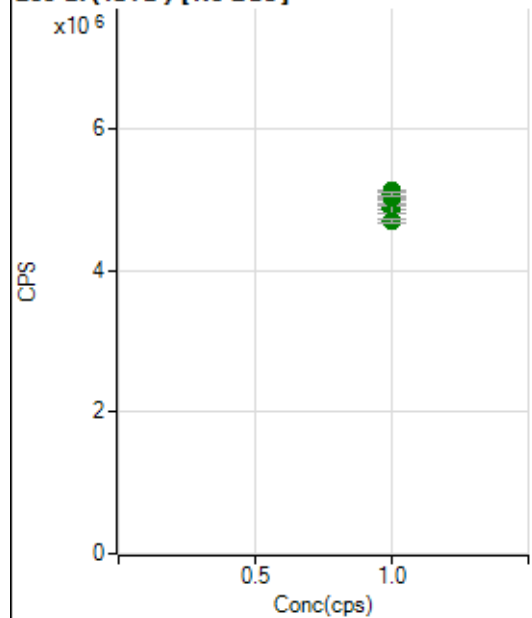
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1578302.91		M	2.4
2	☐	1.000					
3	☐	1.000		1554989.25		M	1.5
4	☐	1.000		1561314.23		P	0.3
5	☐	1.000		1561329.72		P	0.3
6	☐	1.000		1561234.87		M	0.7
7	☐	1.000		1525683.83		M	5.3
8	☐	1.000		1500075.45		P	5.1
9	☐	1.000		1494843.22		M	1.6

165 Ho (ISTD) [No Gas]

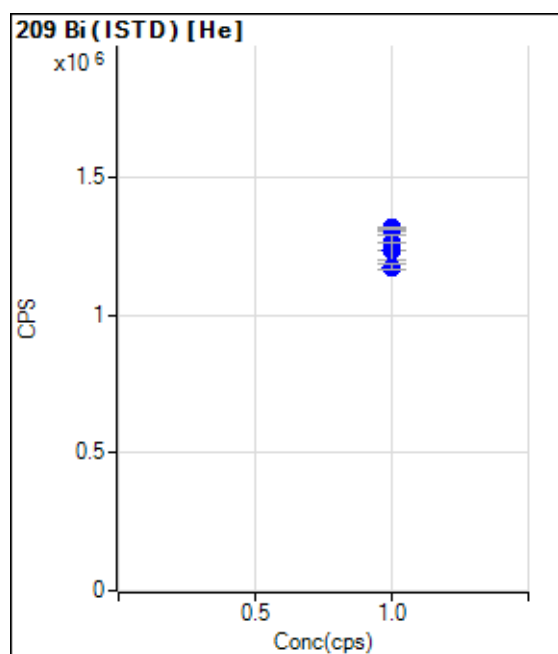
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7774207.03		A	1.1
2	☐	1.000					
3	☐	1.000		7524864.32		A	1.4
4	☐	1.000		7448516.05		A	2.5
5	☐	1.000		7715241.84		A	0.7
6	☐	1.000		7814472.05		A	1.2
7	☐	1.000		7858239.85		A	0.3
8	☐	1.000		7969454.17		A	1.2
9	☐	1.000		7685614.06		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1680430.27		A	0.2
2	☐	1.000					
3	☐	1.000		1623008.08		A	0.9
4	☐	1.000		1631119.91		M	1.0
5	☐	1.000		1629062.56		M	0.5
6	☐	1.000		1635543.34		A	1.3
7	☐	1.000		1621393.08		A	5.2
8	☐	1.000		1558170.46		A	4.6
9	☐	1.000		1555710.24		P	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4992375.45		A	0.1
2	☐	1.000					
3	☐	1.000		4892031.84		A	1.7
4	☐	1.000		4859127.01		A	2.5
5	☐	1.000		5029042.56		A	0.4
6	☐	1.000		5094879.51		A	1.5
7	☐	1.000		5118606.70		A	0.8
8	☐	1.000		5080221.49		A	1.1
9	☐	1.000		4693873.85		A	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1317021.76		P	0.6
2	☐	1.000					
3	☐	1.000		1309456.81		P	0.5
4	☐	1.000		1318965.21		P	0.1
5	☐	1.000		1316186.56		P	0.2
6	☐	1.000		1315690.05		P	0.4
7	☐	1.000		1266942.74		P	4.2
8	☐	1.000		1236895.66		P	5.0
9	☐	1.000		1175500.47		P	1.7

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.62	-1.29	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.04	0.01	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.03	0.03	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.27	0.08	-0.36	0.00	N/A	ppb
Boron	11-1	0.06	-0.13	0.07	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.53	0.17	0.36	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.13	-0.04	0.00	N/A	ppb
Calcium	43-1	-9.39	0.17	9.22	0.00	N/A	ppb
Calcium	44-1	0.80	-0.21	-0.60	0.00	N/A	ppb
Chromium	52-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.02	0.00	N/A	ppb
Copper	63-2	0.00	-0.03	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.32	0.17	0.16	0.00	N/A	ppb
Iron	57-2	-0.35	0.74	-0.39	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	3.43	-0.68	-2.75	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-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	-0.03	0.08	-0.05	0.00	N/A	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	5.87	-0.06	-5.81	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.34	-2.17	-2.17	0.00	N/A	ppb
Selenium	78-2	1.12	0.01	-1.13	0.00	N/A	ppb
Selenium	82-1	0.26	-0.16	-0.10	0.00	N/A	ppb
Silicon	28-1	-0.32	0.54	-0.23	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	-2.36	1.02	1.34	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-514.93	-185.09	-317.37	-339.13		ppb
Terbium	159-1						%
Terbium	159-2						%
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	-0.09	-0.04	0.12	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	-0.19	0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

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 :	LB93211	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.44	27.13	19.91	25.49	19.50	ppb
Antimony	121-1	1.84	1.91	2.00	1.92	4.08	ppb
Arsenic	75-2	0.89	1.13	1.07	1.03	12.00	ppb
Barium	135-1	9.35	9.62	9.90	9.62	2.87	ppb
Barium	137-1	9.57	9.50	9.61	9.56	0.59	ppb
Beryllium	9-1	1.17	1.00	1.08	1.08	7.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.62	21.86	22.78	22.75	3.86	ppb
Boron	11-1	22.65	22.73	24.11	23.16	3.54	ppb
Cadmium	111-1	1.10	0.86	0.92	0.96	13.06	ppb
Cadmium	106-1	2.04	0.27	0.28	0.86	118.61	ppb
Cadmium	108-1	0.74	0.96	1.16	0.95	21.69	ppb
Calcium	43-1	491.20	432.73	452.46	458.80	6.48	ppb
Calcium	44-1	436.95	446.95	463.29	449.06	2.96	ppb
Chromium	52-2	2.17	1.87	1.99	2.01	7.51	ppb
Cobalt	59-2	0.92	0.88	0.95	0.92	3.86	ppb
Copper	63-2	1.89	1.85	1.99	1.91	3.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.71	45.56	45.88	46.38	2.51	ppb
Iron	57-2	55.42	42.46	38.62	45.50	19.35	ppb
Lead	206-1	0.87	1.03	0.99	0.96	8.56	ppb
Lead	207-1	0.96	0.88	0.86	0.90	5.82	ppb
Lead	208-1	0.94	0.94	0.93	0.94	0.14	ppb
Lithium	6-1						%
Magnesium	24-2	475.35	437.89	468.75	460.66	4.34	ppb
Manganese	55-2	1.06	1.02	0.61	0.90	27.79	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.60	4.76	4.92	4.76	3.36	ppb
Molybdenum	95-1	4.59	4.33	4.70	4.54	4.16	ppb
Molybdenum	96-1	4.48	4.60	4.88	4.66	4.39	ppb
Molybdenum	97-1	4.57	4.49	4.69	4.58	2.20	ppb
Molybdenum	98-1	4.48	4.73	4.67	4.63	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.00	1.13	1.08	6.37	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	460.72	436.55	423.04	440.10	4.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	4.39	0.02	24865.72	ppb
Selenium	78-2	5.68	5.71	0.01	3.80	86.46	ppb
Selenium	82-1	5.16	4.53	5.05	4.91	6.88	ppb
Silicon	28-1	20.09	21.67	25.29	22.35	11.95	ppb
Silver	109-1	0.94	1.01	1.01	0.99	4.00	ppb
Silver	107-1	1.03	0.97	1.10	1.03	6.05	ppb
Sodium	23-2	463.13	451.89	464.99	460.00	1.54	ppb
Strontium	86-1	1.01	0.96	0.88	0.95	6.94	ppb
Strontium	88-1	0.94	0.95	0.96	0.95	0.99	ppb
Sulfur	34-1	60.67	385.39	571.33	339.13	76.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.94	1.00	0.98	3.24	ppb
Thallium	205-1	0.96	0.92	1.00	0.96	3.79	ppb
Tin	118-1	4.66	4.69	4.67	4.67	0.31	ppb
Titanium	47-1	4.74	4.53	4.79	4.69	2.97	ppb
Uranium	238-1	0.88	0.89	0.96	0.91	4.93	ppb
Vanadium	51-2	4.54	4.86	4.79	4.73	3.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.95	1.38	1.89	1.74	18.09	ppb
Zirconium	90-1	0.98	1.00	0.95	0.98	2.78	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.92	1.05	0.96	7.80	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	928.48	1036.22	944.89	969.86	5.99	ppb
Antimony	121-1	50.70	52.71	53.82	52.41	3.02	ppb
Arsenic	75-2	48.51	50.75	51.11	50.13	2.81	ppb
Barium	135-1	251.78	263.69	265.96	260.48	2.92	ppb
Barium	137-1	252.74	264.89	268.25	261.96	3.12	ppb
Beryllium	9-1	52.42	52.38	53.72	52.84	1.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	50.42	47.85	52.98	50.42	5.09	ppb
Boron	11-1	47.54	50.11	51.35	49.67	3.91	ppb
Cadmium	111-1	51.54	54.54	54.63	53.57	3.28	ppb
Cadmium	106-1	50.89	54.64	54.19	53.24	3.85	ppb
Cadmium	108-1	51.40	52.28	54.01	52.56	2.53	ppb
Calcium	43-1	4927.62	4917.48	5083.83	4976.31	1.87	ppb
Calcium	44-1	4915.23	4983.52	5139.92	5012.89	2.30	ppb
Chromium	52-2	49.35	47.83	48.74	48.64	1.58	ppb
Cobalt	59-2	48.91	48.26	49.89	49.02	1.68	ppb
Copper	63-2	99.11	95.71	98.78	97.87	1.91	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2447.11	2410.09	2460.63	2439.28	1.07	ppb
Iron	57-2	2411.72	2371.88	2431.10	2404.90	1.26	ppb
Lead	206-1	48.17	49.93	50.98	49.69	2.85	ppb
Lead	207-1	48.29	49.25	50.70	49.41	2.46	ppb
Lead	208-1	48.57	50.03	51.34	49.98	2.77	ppb
Lithium	6-1						%
Magnesium	24-2	4854.38	4822.73	4916.92	4864.68	0.99	ppb
Manganese	55-2	101.70	96.19	95.60	97.83	3.44	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.79	259.22	265.29	258.43	2.82	ppb
Molybdenum	95-1	249.42	258.79	264.24	257.48	2.91	ppb
Molybdenum	96-1	249.01	256.33	259.44	254.92	2.10	ppb
Molybdenum	97-1	249.07	258.89	265.16	257.71	3.15	ppb
Molybdenum	98-1	249.98	255.07	263.92	256.32	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.39	47.92	49.75	49.02	1.97	ppb
Phosphorus	31-2	1184.11	1126.54	1107.81	1139.49	3.49	ppb
Potassium	39-2	2428.26	2345.50	2408.62	2394.13	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	50.52	43.86	37.88	44.09	14.35	ppb
Selenium	78-2	54.57	43.14	33.45	43.72	24.18	ppb
Selenium	82-1	48.70	55.16	55.54	53.13	7.24	ppb
Silicon	28-1	70.62	72.21	78.46	73.76	5.62	ppb
Silver	109-1	51.25	53.81	54.32	53.12	3.10	ppb
Silver	107-1	51.68	54.05	54.52	53.42	2.85	ppb
Sodium	23-2	4770.20	4696.12	4823.44	4763.25	1.34	ppb
Strontium	86-1	50.40	51.32	52.47	51.39	2.02	ppb
Strontium	88-1	50.67	51.78	53.43	51.96	2.68	ppb
Sulfur	34-1	1275.44	1612.90	2207.16	1698.50	27.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.44	50.16	51.74	50.11	3.29	ppb
Thallium	205-1	49.58	50.30	52.53	50.80	3.02	ppb
Tin	118-1	50.19	52.49	54.29	52.32	3.93	ppb
Titanium	47-1	249.15	256.33	259.35	254.95	2.06	ppb
Uranium	238-1	48.42	49.96	51.25	49.88	2.84	ppb
Vanadium	51-2	49.62	47.29	49.07	48.66	2.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	140.55	139.31	143.11	140.99	1.37	ppb
Zirconium	90-1	49.63	51.33	52.62	51.19	2.93	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.58	50.99	51.74	50.77	2.16	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2566.69	2375.36	2431.82	2457.96	4.00	ppb
Antimony	121-1	129.27	127.76	129.67	128.90	0.78	ppb
Arsenic	75-2	123.14	122.97	121.71	122.61	0.64	ppb
Barium	135-1	643.69	641.64	649.63	644.98	0.64	ppb
Barium	137-1	641.72	646.28	648.88	645.63	0.56	ppb
Beryllium	9-1	130.22	128.26	129.40	129.29	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	124.89	127.03	125.03	125.65	0.95	ppb
Boron	11-1	120.86	124.35	126.62	123.94	2.34	ppb
Cadmium	111-1	131.80	131.49	132.20	131.83	0.27	ppb
Cadmium	106-1	135.79	130.18	134.71	133.56	2.23	ppb
Cadmium	108-1	135.56	130.43	134.88	133.62	2.09	ppb
Calcium	43-1	12147.60	12074.33	12081.82	12101.25	0.33	ppb
Calcium	44-1	12252.93	12172.05	12149.69	12191.56	0.45	ppb
Chromium	52-2	124.31	124.48	122.03	123.61	1.11	ppb
Cobalt	59-2	124.54	125.04	122.86	124.15	0.92	ppb
Copper	63-2	251.42	250.78	244.98	249.06	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6350.23	6299.37	6194.81	6281.47	1.26	ppb
Iron	57-2	6103.39	6018.25	5928.28	6016.64	1.46	ppb
Lead	206-1	122.73	121.70	121.59	122.01	0.51	ppb
Lead	207-1	119.96	120.98	120.98	120.64	0.49	ppb
Lead	208-1	122.19	122.44	122.14	122.26	0.13	ppb
Lithium	6-1						%
Magnesium	24-2	12403.98	12347.89	12209.70	12320.52	0.81	ppb
Manganese	55-2	248.32	250.98	249.46	249.58	0.53	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	638.87	628.01	640.13	635.67	1.05	ppb
Molybdenum	95-1	631.49	635.37	649.04	638.63	1.44	ppb
Molybdenum	96-1	632.04	620.75	644.80	632.53	1.90	ppb
Molybdenum	97-1	616.59	620.47	636.01	624.36	1.65	ppb
Molybdenum	98-1	626.59	627.67	646.54	633.60	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.94	126.17	121.83	124.65	1.96	ppb
Phosphorus	31-2	2253.94	2674.50	2458.91	2462.45	8.54	ppb
Potassium	39-2	5933.32	6115.64	6123.64	6057.53	1.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	124.53	144.57	183.27	150.79	19.80	ppb
Selenium	78-2	119.73	101.33	121.17	114.08	9.70	ppb
Selenium	82-1	127.38	126.52	128.89	127.59	0.94	ppb
Silicon	28-1	160.41	160.17	166.96	162.51	2.37	ppb
Silver	109-1	130.29	129.62	132.94	130.95	1.34	ppb
Silver	107-1	131.19	130.36	132.80	131.45	0.94	ppb
Sodium	23-2	12166.74	12290.37	12231.94	12229.68	0.51	ppb
Strontium	86-1	123.29	123.58	126.12	124.33	1.25	ppb
Strontium	88-1	126.65	127.22	129.77	127.88	1.30	ppb
Sulfur	34-1	2803.17	2474.35	2579.22	2618.91	6.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	122.98	122.70	123.57	123.08	0.36	ppb
Thallium	205-1	125.57	125.67	125.11	125.45	0.24	ppb
Tin	118-1	128.22	128.70	130.61	129.17	0.98	ppb
Titanium	47-1	625.75	620.23	623.60	623.19	0.45	ppb
Uranium	238-1	123.86	125.38	123.60	124.28	0.78	ppb
Vanadium	51-2	122.49	123.75	121.82	122.68	0.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	251.49	250.06	243.80	248.45	1.65	ppb
Zirconium	90-1	123.96	124.75	127.04	125.25	1.28	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.99	123.09	124.97	123.69	0.90	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5084.13	4904.14	4813.62	4933.97	2.79	ppb
Antimony	121-1	258.61	256.37	253.66	256.22	0.97	ppb
Arsenic	75-2	240.09	241.76	243.01	241.62	0.61	ppb
Barium	135-1	1269.85	1283.94	1263.08	1272.29	0.84	ppb
Barium	137-1	1291.91	1281.03	1252.26	1275.07	1.61	ppb
Beryllium	9-1	253.58	251.95	255.80	253.78	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	240.09	252.53	253.71	248.77	3.03	ppb
Boron	11-1	239.47	241.92	251.21	244.20	2.54	ppb
Cadmium	111-1	255.87	259.86	253.13	256.29	1.32	ppb
Cadmium	106-1	250.99	258.38	251.36	253.58	1.64	ppb
Cadmium	108-1	252.57	256.53	253.51	254.20	0.81	ppb
Calcium	43-1	24391.99	24306.14	24366.41	24354.84	0.18	ppb
Calcium	44-1	24258.80	23869.41	24156.05	24094.75	0.84	ppb
Chromium	52-2	250.53	246.14	245.47	247.38	1.11	ppb
Cobalt	59-2	250.53	246.43	246.12	247.69	0.99	ppb
Copper	63-2	498.32	494.34	490.80	494.49	0.76	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12474.66	12361.78	12261.98	12366.14	0.86	ppb
Iron	57-2	12119.71	11954.12	11960.29	12011.37	0.78	ppb
Lead	206-1	245.84	242.16	238.99	242.33	1.41	ppb
Lead	207-1	243.95	241.35	238.43	241.24	1.14	ppb
Lead	208-1	250.17	246.24	243.99	246.80	1.27	ppb
Lithium	6-1						%
Magnesium	24-2	24821.09	24336.47	24199.37	24452.31	1.34	ppb
Manganese	55-2	499.68	494.51	488.56	494.25	1.13	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1270.04	1274.98	1259.60	1268.20	0.62	ppb
Molybdenum	95-1	1263.58	1270.57	1255.39	1263.18	0.60	ppb
Molybdenum	96-1	1255.47	1254.07	1252.40	1253.98	0.12	ppb
Molybdenum	97-1	1274.22	1276.66	1259.86	1270.25	0.71	ppb
Molybdenum	98-1	1261.55	1251.68	1243.50	1252.24	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.21	249.59	250.67	250.49	0.33	ppb
Phosphorus	31-2	5202.31	4831.15	4245.84	4759.76	10.13	ppb
Potassium	39-2	12167.53	11811.81	11778.99	11919.44	1.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	218.03	216.33	268.12	234.16	12.56	ppb
Selenium	78-2	251.09	204.57	271.78	242.48	14.20	ppb
Selenium	82-1	257.00	248.67	252.14	252.60	1.66	ppb
Silicon	28-1	270.98	274.88	270.64	272.17	0.87	ppb
Silver	109-1	260.15	261.28	256.42	259.28	0.98	ppb
Silver	107-1	260.71	259.64	255.06	258.47	1.16	ppb
Sodium	23-2	25244.57	24766.95	24232.14	24747.89	2.05	ppb
Strontium	86-1	250.29	248.30	249.56	249.38	0.40	ppb
Strontium	88-1	254.84	252.71	254.00	253.85	0.42	ppb
Sulfur	34-1	5222.59	5058.89	4789.69	5023.72	4.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.65	246.59	242.93	245.39	0.87	ppb
Thallium	205-1	256.13	250.91	248.62	251.89	1.53	ppb
Tin	118-1	251.43	254.39	247.90	251.24	1.29	ppb
Titanium	47-1	1249.25	1232.77	1244.43	1242.15	0.68	ppb
Uranium	238-1	250.98	249.67	246.63	249.09	0.90	ppb
Vanadium	51-2	248.50	242.74	242.89	244.71	1.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	494.66	483.30	488.41	488.79	1.16	ppb
Zirconium	90-1	254.51	250.79	250.51	251.94	0.89	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.20	246.54	245.44	246.39	0.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9491.24	9169.76	10009.80	9556.93	4.44	ppb
Antimony	121-1	511.10	509.17	510.04	510.10	0.19	ppb
Arsenic	75-2	490.10	472.36	516.26	492.91	4.48	ppb
Barium	135-1	2572.49	2551.97	2555.41	2559.96	0.43	ppb
Barium	137-1	2536.04	2518.35	2538.41	2530.93	0.43	ppb
Beryllium	9-1	500.39	503.96	501.94	502.10	0.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	486.78	487.99	508.83	494.53	2.51	ppb
Boron	11-1	482.90	495.55	494.79	491.08	1.44	ppb
Cadmium	111-1	506.40	508.39	510.60	508.47	0.41	ppb
Cadmium	106-1	507.75	513.58	513.78	511.70	0.67	ppb
Cadmium	108-1	502.28	509.82	505.59	505.90	0.75	ppb
Calcium	43-1	48334.27	48069.22	48356.08	48253.19	0.33	ppb
Calcium	44-1	48389.52	47725.41	47472.24	47862.39	0.99	ppb
Chromium	52-2	489.72	481.20	507.93	492.95	2.77	ppb
Cobalt	59-2	491.66	483.15	510.01	494.94	2.77	ppb
Copper	63-2	979.97	971.55	1012.42	987.98	2.18	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24668.22	23946.83	25352.45	24655.83	2.85	ppb
Iron	57-2	24099.19	23605.70	24938.14	24214.34	2.78	ppb
Lead	206-1	492.59	501.01	504.73	499.44	1.25	ppb
Lead	207-1	490.36	497.90	503.80	497.35	1.35	ppb
Lead	208-1	493.01	502.34	502.98	499.44	1.12	ppb
Lithium	6-1						%
Magnesium	24-2	48722.35	47743.09	50241.04	48902.16	2.57	ppb
Manganese	55-2	982.93	957.30	1009.15	983.13	2.64	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2506.73	2487.38	2512.59	2502.23	0.53	ppb
Molybdenum	95-1	2516.23	2496.07	2505.45	2505.92	0.40	ppb
Molybdenum	96-1	2513.45	2485.89	2542.08	2513.81	1.12	ppb
Molybdenum	97-1	2523.85	2514.07	2549.05	2528.99	0.71	ppb
Molybdenum	98-1	2509.15	2502.73	2518.51	2510.13	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.97	488.47	505.80	495.08	1.89	ppb
Phosphorus	31-2	8899.74	10418.86	10543.71	9954.10	9.19	ppb
Potassium	39-2	23806.56	23231.46	24748.53	23928.85	3.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.96	514.66	518.74	504.79	4.11	ppb
Selenium	78-2	493.30	470.35	530.79	498.15	6.12	ppb
Selenium	82-1	498.24	503.96	509.32	503.84	1.10	ppb
Silicon	28-1	540.24	528.78	528.00	532.34	1.29	ppb
Silver	109-1	508.23	512.64	514.80	511.89	0.65	ppb
Silver	107-1	504.92	507.61	512.72	508.42	0.78	ppb
Sodium	23-2	48804.61	48043.69	50435.50	49094.60	2.49	ppb
Strontium	86-1	495.16	492.01	501.25	496.14	0.95	ppb
Strontium	88-1	497.15	497.66	504.02	499.61	0.77	ppb
Sulfur	34-1	10158.53	9872.48	9989.51	10006.84	1.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.55	509.77	499.13	500.15	1.83	ppb
Thallium	205-1	496.69	499.59	499.49	498.59	0.33	ppb
Tin	118-1	512.70	507.33	517.78	512.60	1.02	ppb
Titanium	47-1	2573.34	2520.90	2561.61	2551.95	1.08	ppb
Uranium	238-1	491.28	497.05	491.13	493.15	0.68	ppb
Vanadium	51-2	488.31	483.49	503.82	491.87	2.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	974.44	945.71	996.50	972.21	2.62	ppb
Zirconium	90-1	502.34	500.81	504.37	502.51	0.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.49	490.39	497.34	492.74	0.81	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20303.82	19128.78	18829.33	19420.64	4.01	ppb
Antimony	121-1	994.41	983.66	1000.29	992.79	0.85	ppb
Arsenic	75-2	1066.96	976.76	974.08	1005.94	5.26	ppb
Barium	135-1	4956.71	4928.16	4999.41	4961.43	0.72	ppb
Barium	137-1	4975.93	4927.64	5021.70	4975.09	0.95	ppb
Beryllium	9-1	1007.92	974.65	1009.41	997.33	1.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	983.86	996.35	1028.78	1003.00	2.31	ppb
Boron	11-1	1008.63	976.35	1033.33	1006.10	2.84	ppb
Cadmium	111-1	998.72	983.86	996.91	993.16	0.82	ppb
Cadmium	106-1	983.99	985.94	1006.14	992.02	1.24	ppb
Cadmium	108-1	983.12	985.13	1016.13	994.80	1.86	ppb
Calcium	43-1	97135.67	97234.11	96727.19	97032.32	0.28	ppb
Calcium	44-1	96385.23	95037.87	95471.96	95631.69	0.72	ppb
Chromium	52-2	1066.69	993.15	953.41	1004.42	5.72	ppb
Cobalt	59-2	1064.13	989.67	955.99	1003.26	5.52	ppb
Copper	63-2	2146.02	1981.83	1894.99	2007.61	6.35	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53136.22	49945.62	47679.65	50253.83	5.45	ppb
Iron	57-2	52464.75	48478.51	46938.43	49293.89	5.79	ppb
Lead	206-1	1007.62	985.30	1014.84	1002.58	1.54	ppb
Lead	207-1	1005.79	995.04	1011.42	1004.09	0.83	ppb
Lead	208-1	1002.89	991.29	1010.09	1001.42	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	106870.14	99312.88	95436.52	100539.85	5.78	ppb
Manganese	55-2	2121.57	1987.60	1920.93	2010.03	5.08	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5026.47	4939.85	5011.41	4992.58	0.93	ppb
Molybdenum	95-1	5015.31	4937.70	5021.99	4991.67	0.94	ppb
Molybdenum	96-1	5015.24	4941.37	5016.13	4990.91	0.86	ppb
Molybdenum	97-1	5013.94	4933.36	4993.11	4980.14	0.84	ppb
Molybdenum	98-1	5020.40	4950.83	5007.71	4992.98	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1065.04	991.77	950.48	1002.43	5.79	ppb
Phosphorus	31-2	20383.02	21087.15	18772.00	20080.73	5.91	ppb
Potassium	39-2	51237.18	47461.24	46326.92	48341.78	5.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1102.32	1041.22	852.45	998.66	13.04	ppb
Selenium	78-2	1070.88	943.38	999.23	1004.49	6.36	ppb
Selenium	82-1	999.19	990.33	1001.33	996.95	0.58	ppb
Silicon	28-1	984.27	969.95	962.64	972.29	1.13	ppb
Silver	109-1	995.29	977.91	999.29	990.83	1.15	ppb
Silver	107-1	989.54	984.46	1004.09	992.70	1.03	ppb
Sodium	23-2	105969.15	97180.24	93265.79	98805.06	6.58	ppb
Strontium	86-1	1008.26	995.30	1002.74	1002.10	0.65	ppb
Strontium	88-1	1007.17	988.26	1000.89	998.77	0.96	ppb
Sulfur	34-1	20126.20	19780.22	19916.15	19940.86	0.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	993.56	991.34	1019.04	1001.31	1.54	ppb
Thallium	205-1	1002.37	986.32	1011.72	1000.14	1.28	ppb
Tin	118-1	998.31	986.39	993.56	992.75	0.60	ppb
Titanium	47-1	5040.38	4950.97	4936.55	4975.97	1.13	ppb
Uranium	238-1	1009.17	990.72	1011.35	1003.75	1.13	ppb
Vanadium	51-2	1064.88	993.78	958.57	1005.74	5.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2120.95	1991.53	1932.03	2014.84	4.79	ppb
Zirconium	90-1	1003.82	991.84	998.86	998.17	0.60	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1012.65	998.71	1002.61	1004.66	0.72	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100618.94	100474.38	99401.18	100164.83	0.66	ppb
Antimony	121-1	1.41	1.37	1.38	1.39	1.36	ppb
Arsenic	75-2	0.36	0.35	0.50	0.40	21.18	ppb
Barium	135-1	1.32	1.51	1.33	1.38	7.66	ppb
Barium	137-1	1.32	1.39	1.42	1.38	3.59	ppb
Beryllium	9-1	0.62	0.61	0.56	0.60	5.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.99	44.62	39.03	43.22	8.54	ppb
Boron	11-1	49.28	41.81	40.55	43.88	10.76	ppb
Cadmium	111-1	0.16	0.15	0.04	0.12	53.54	ppb
Cadmium	106-1	-0.42	0.57	-1.22	-0.36		ppb
Cadmium	108-1	0.04	0.40	0.22	0.22	80.64	ppb
Calcium	43-1	498072.74	505577.27	498782.15	500810.72	0.83	ppb
Calcium	44-1	496371.11	506833.31	500216.54	501140.32	1.06	ppb
Chromium	52-2	20.49	19.69	19.79	19.99	2.18	ppb
Cobalt	59-2	1.28	1.18	1.24	1.23	3.97	ppb
Copper	63-2	2.51	2.74	2.57	2.61	4.63	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	252568.36	249519.34	247882.80	249990.17	0.95	ppb
Iron	57-2	250194.25	251104.74	249454.02	250251.00	0.33	ppb
Lead	206-1	2.08	2.10	2.04	2.07	1.32	ppb
Lead	207-1	2.07	1.90	1.91	1.96	5.09	ppb
Lead	208-1	2.03	2.04	2.00	2.02	1.08	ppb
Lithium	6-1						%
Magnesium	24-2	502122.40	504145.48	493837.35	500035.08	1.09	ppb
Manganese	55-2	6.83	5.72	6.00	6.18	9.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CAL5_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.95	3.05	2.94	2.98	2.00	ppb
Molybdenum	95-1	3.89	3.98	3.72	3.86	3.35	ppb
Molybdenum	96-1	4.27	4.27	4.15	4.23	1.58	ppb
Molybdenum	97-1	3.70	3.91	3.72	3.78	3.01	ppb
Molybdenum	98-1	3.56	3.76	3.69	3.67	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.75	12.63	12.77	12.72	0.60	ppb
Phosphorus	31-2	0.00	62.93	0.00	20.98	173.21	ppb
Potassium	39-2	249266.92	253374.68	248779.74	250473.78	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-2.26	2.69	-2.26	-0.61		ppb
Selenium	82-1	0.91	0.29	0.79	0.66	50.09	ppb
Silicon	28-1	32.52	35.16	31.51	33.06	5.69	ppb
Silver	109-1	0.07	0.09	0.06	0.07	20.28	ppb
Silver	107-1	0.07	0.10	0.07	0.08	18.55	ppb
Sodium	23-2	505640.60	502716.91	492696.39	500351.30	1.36	ppb
Strontium	86-1	35.52	34.82	35.08	35.14	1.01	ppb
Strontium	88-1	34.90	35.46	35.26	35.21	0.80	ppb
Sulfur	34-1	-1261.64	-755.16	-1022.71	-1013.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.65	0.61	0.69	0.65	5.88	ppb
Thallium	205-1	0.68	0.66	0.59	0.64	7.89	ppb
Tin	118-1	1.05	0.93	0.90	0.96	8.39	ppb
Titanium	47-1	0.80	0.80	1.06	0.89	16.94	ppb
Uranium	238-1	0.08	0.07	0.07	0.08	12.79	ppb
Vanadium	51-2	0.28	0.27	0.22	0.26	11.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.82	7.39	6.55	6.92	6.23	ppb
Zirconium	90-1	0.23	0.24	0.23	0.23	3.77	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.23	0.28	0.27	12.99	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV01_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	534.59	506.59	495.56	512.24	3.93	ppb
Antimony	121-1	196.92	197.10	200.24	198.09	0.94	ppb
Arsenic	75-2	206.72	196.89	196.14	199.92	2.95	ppb
Barium	135-1	100.65	100.82	103.22	101.56	1.41	ppb
Barium	137-1	101.94	99.70	102.40	101.35	1.43	ppb
Beryllium	9-1	103.39	99.96	101.51	101.62	1.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	536.14	547.27	547.90	543.77	1.22	ppb
Boron	11-1	536.08	532.23	552.49	540.26	1.99	ppb
Cadmium	111-1	103.95	104.29	105.53	104.59	0.80	ppb
Cadmium	106-1	159.18	152.78	155.90	155.96	2.05	ppb
Cadmium	108-1	134.04	132.86	135.31	134.07	0.91	ppb
Calcium	43-1	2030.99	2070.37	2006.78	2036.05	1.58	ppb
Calcium	44-1	1985.81	1959.97	1972.58	1972.79	0.65	ppb
Chromium	52-2	98.96	94.54	93.30	95.60	3.11	ppb
Cobalt	59-2	100.12	97.06	96.35	97.85	2.05	ppb
Copper	63-2	98.82	96.60	95.69	97.04	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1007.69	977.34	965.48	983.50	2.21	ppb
Iron	57-2	1007.87	942.29	970.33	973.50	3.38	ppb
Lead	206-1	193.18	191.30	193.45	192.65	0.61	ppb
Lead	207-1	184.54	183.44	184.16	184.05	0.30	ppb
Lead	208-1	195.22	192.35	192.72	193.43	0.81	ppb
Lithium	6-1						%
Magnesium	24-2	1238.76	1153.60	1136.76	1176.38	4.65	ppb
Manganese	55-2	99.99	96.87	94.67	97.18	2.75	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV01_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1039.99	1041.58	1055.78	1045.78	0.83	ppb
Molybdenum	95-1	454.75	455.46	463.64	457.95	1.08	ppb
Molybdenum	96-1	533.99	537.26	547.38	539.54	1.29	ppb
Molybdenum	97-1	456.68	455.47	462.50	458.22	0.82	ppb
Molybdenum	98-1	469.34	468.42	472.38	470.04	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.74	100.32	96.20	99.09	2.53	ppb
Phosphorus	31-2	0.00	27.13	0.00	9.04	173.21	ppb
Potassium	39-2	1992.26	1930.62	1980.73	1967.87	1.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	185.87	153.31	153.83	164.34	11.35	ppb
Selenium	78-2	209.23	232.78	173.26	205.09	14.62	ppb
Selenium	82-1	201.07	201.11	203.43	201.87	0.67	ppb
Silicon	28-1	475.26	479.49	476.82	477.19	0.45	ppb
Silver	109-1	102.08	101.86	103.49	102.48	0.87	ppb
Silver	107-1	102.56	102.42	105.38	103.45	1.61	ppb
Sodium	23-2	1985.85	1916.07	1873.66	1925.19	2.94	ppb
Strontium	86-1	456.99	451.99	462.59	457.19	1.16	ppb
Strontium	88-1	458.88	457.47	465.21	460.52	0.90	ppb
Sulfur	34-1	-918.02	-1279.82	-1167.72	-1121.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	197.18	196.23	199.32	197.58	0.80	ppb
Thallium	205-1	204.77	203.73	207.79	205.43	1.03	ppb
Tin	118-1	487.19	490.50	492.85	490.18	0.58	ppb
Titanium	47-1	465.97	463.48	468.54	466.00	0.54	ppb
Uranium	238-1	474.37	471.23	469.14	471.58	0.56	ppb
Vanadium	51-2	96.43	96.36	94.79	95.86	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	199.50	189.66	187.32	192.16	3.36	ppb
Zirconium	90-1	461.05	458.16	467.70	462.30	1.06	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV01_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	448.62	448.51	460.58	452.57	1.53	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:54:28	DataFile Name :	014LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.45	12.27	15.86	14.52	13.52	ppb
Antimony	121-1	2.14	1.97	1.97	2.03	5.00	ppb
Arsenic	75-2	0.92	1.10	0.77	0.93	17.88	ppb
Barium	135-1	10.05	9.87	9.52	9.81	2.74	ppb
Barium	137-1	10.39	9.66	9.44	9.83	5.06	ppb
Beryllium	9-1	1.16	1.06	0.94	1.05	10.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.95	25.99	28.92	27.28	5.47	ppb
Boron	11-1	28.44	26.16	28.22	27.61	4.55	ppb
Cadmium	111-1	0.98	0.98	0.88	0.95	6.33	ppb
Cadmium	106-1	1.19	0.60	-0.33	0.49	157.37	ppb
Cadmium	108-1	1.03	0.61	0.73	0.79	27.43	ppb
Calcium	43-1	490.34	445.69	456.55	464.19	5.02	ppb
Calcium	44-1	480.30	444.43	442.54	455.76	4.67	ppb
Chromium	52-2	1.78	1.87	1.96	1.87	4.71	ppb
Cobalt	59-2	0.94	0.90	0.93	0.92	1.97	ppb
Copper	63-2	1.70	1.73	1.82	1.75	3.74	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.60	46.02	46.97	46.20	1.53	ppb
Iron	57-2	51.61	45.28	52.80	49.90	8.10	ppb
Lead	206-1	1.04	0.91	0.85	0.93	10.41	ppb
Lead	207-1	1.01	0.92	0.92	0.95	5.49	ppb
Lead	208-1	1.03	0.92	0.92	0.96	6.34	ppb
Lithium	6-1						%
Magnesium	24-2	443.45	453.11	453.42	449.99	1.26	ppb
Manganese	55-2	1.01	0.84	0.87	0.91	9.93	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:54:28	DataFile Name :	014LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.32	4.59	4.90	4.94	7.47	ppb
Molybdenum	95-1	4.88	4.59	4.54	4.67	3.90	ppb
Molybdenum	96-1	5.02	4.42	4.62	4.69	6.51	ppb
Molybdenum	97-1	5.34	4.67	4.91	4.97	6.83	ppb
Molybdenum	98-1	5.01	4.69	4.67	4.79	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.02	0.88	0.94	7.19	ppb
Phosphorus	31-2	51.68	78.54	0.00	43.40	91.96	ppb
Potassium	39-2	459.93	473.90	489.73	474.52	3.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	3.98	4.05	1.95	182.84	ppb
Selenium	78-2	0.90	3.06	-0.11	1.28	126.32	ppb
Selenium	82-1	3.92	4.99	4.60	4.50	11.96	ppb
Silicon	28-1	28.63	12.74	15.04	18.80	45.68	ppb
Silver	109-1	1.08	0.98	1.00	1.02	5.60	ppb
Silver	107-1	1.06	1.11	1.02	1.06	4.20	ppb
Sodium	23-2	446.12	459.16	462.14	455.81	1.87	ppb
Strontium	86-1	1.10	0.99	1.01	1.03	5.81	ppb
Strontium	88-1	1.00	0.93	0.98	0.97	3.83	ppb
Sulfur	34-1	710.94	-683.22	-297.07	-89.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.02	0.89	0.98	0.96	6.93	ppb
Thallium	205-1	1.04	0.94	0.92	0.97	6.46	ppb
Tin	118-1	5.17	4.78	4.88	4.94	4.07	ppb
Titanium	47-1	5.46	4.54	4.27	4.76	13.18	ppb
Uranium	238-1	0.94	0.91	0.90	0.92	2.28	ppb
Vanadium	51-2	4.46	4.33	4.45	4.41	1.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.94	1.87	2.64	2.15	19.80	ppb
Zirconium	90-1	1.12	0.99	0.98	1.03	7.45	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:54:28	DataFile Name :	014LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	1.06	0.95	0.99	6.14	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	-1.28	-3.15	-1.36		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	35.73	ppb
Arsenic	75-2	-0.02	0.03	0.03	0.02	191.51	ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.02	0.01	0.00	257.52	ppb
Beryllium	9-1	0.04	0.00	0.06	0.03	104.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.53	4.96	5.52	4.67	21.98	ppb
Boron	11-1	4.37	5.30	4.87	4.85	9.62	ppb
Cadmium	111-1	0.04	0.01	-0.12	-0.02		ppb
Cadmium	106-1	0.72	0.31	-1.52	-0.16		ppb
Cadmium	108-1	0.04	-0.09	0.17	0.04	295.16	ppb
Calcium	43-1	4.80	3.36	3.52	3.89	20.28	ppb
Calcium	44-1	-2.62	-0.74	-2.44	-1.93		ppb
Chromium	52-2	-0.03	0.00	-0.05	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	-0.05	0.03	-0.03	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.38	0.16	0.44	0.33	45.57	ppb
Iron	57-2	-0.48	0.72	1.02	0.42	190.22	ppb
Lead	206-1	0.01	0.01	0.03	0.02	81.15	ppb
Lead	207-1	0.00	0.03	0.01	0.01	129.33	ppb
Lead	208-1	0.01	0.02	0.03	0.02	38.46	ppb
Lithium	6-1						%
Magnesium	24-2	5.93	1.24	0.27	2.48	122.07	ppb
Manganese	55-2	-0.03	0.05	0.01	0.01	466.21	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	162.30	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	40.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.06	-0.03	-0.08		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	20.47	18.29	26.96	21.91	20.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-0.09	-1.14	-1.19	-0.81		ppb
Selenium	82-1	0.03	0.54	0.06	0.21	136.40	ppb
Silicon	28-1	-1.36	0.60	-1.45	-0.73		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	107-1	0.00	0.00	0.01	0.00	142.69	ppb
Sodium	23-2	4.64	17.27	0.28	7.40	119.28	ppb
Strontium	86-1	-0.05	0.01	0.05	0.01	691.35	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-467.04	-196.94	-375.67	-346.55		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	45.71	ppb
Thallium	205-1	0.02	0.03	0.00	0.02	65.95	ppb
Tin	118-1	-0.09	-0.06	-0.06	-0.07		ppb
Titanium	47-1	-0.04	-0.01	0.05	0.00	617121.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.13	-0.09	-0.14	-0.12		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.32	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

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

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:01:18 DataFile Name : 016ICSA01_P8020818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88755.34	86534.63	88257.39	87849.12	1.33	ppb
Antimony	121-1	1.21	1.12	1.10	1.14	4.98	ppb
Arsenic	75-2	0.24	0.16	0.26	0.22	24.35	ppb
Barium	135-1	1.52	1.51	1.31	1.45	8.23	ppb
Barium	137-1	1.63	1.53	1.42	1.53	6.76	ppb
Beryllium	9-1	0.36	0.33	0.27	0.32	15.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.95	5.65	3.71	5.44	29.95	ppb
Boron	11-1	6.07	5.05	5.87	5.66	9.60	ppb
Cadmium	111-1	0.30	0.26	0.27	0.28	8.31	ppb
Cadmium	106-1	0.73	-0.16	-1.40	-0.28		ppb
Cadmium	108-1	8.52	7.77	7.50	7.93	6.69	ppb
Calcium	43-1	95236.81	96896.49	95118.85	95750.72	1.04	ppb
Calcium	44-1	94724.20	95748.33	93643.00	94705.18	1.11	ppb
Chromium	52-2	19.28	19.71	19.55	19.52	1.11	ppb
Cobalt	59-2	1.21	1.13	1.07	1.14	6.41	ppb
Copper	63-2	7.42	7.07	7.40	7.30	2.67	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	96899.69	93642.55	95707.26	95416.50	1.73	ppb
Iron	57-2	94682.98	91914.54	94463.35	93686.96	1.64	ppb
Lead	206-1	5.13	4.87	5.00	5.00	2.54	ppb
Lead	207-1	4.32	4.45	4.34	4.37	1.58	ppb
Lead	208-1	4.67	4.65	4.60	4.64	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	97167.77	93805.70	97722.98	96232.15	2.20	ppb
Manganese	55-2	7.08	7.49	7.73	7.43	4.39	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA01_P8020818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1367.71	1337.94	1384.72	1363.46	1.74	ppb
Molybdenum	95-1	1920.35	1921.53	1952.02	1931.30	0.93	ppb
Molybdenum	96-1	1864.96	1834.30	1845.58	1848.28	0.84	ppb
Molybdenum	97-1	1954.63	1932.21	1941.95	1942.93	0.58	ppb
Molybdenum	98-1	1920.43	1902.78	1921.88	1915.03	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.56	4.71	4.64	1.63	ppb
Phosphorus	31-2	99195.39	96329.82	97525.56	97683.59	1.47	ppb
Potassium	39-2	95710.43	93229.41	95450.32	94796.72	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-1.15	-2.26	-0.05	-1.15		ppb
Selenium	82-1	0.22	0.53	0.29	0.35	47.13	ppb
Silicon	28-1	41.57	40.86	37.69	40.04	5.15	ppb
Silver	109-1	0.07	0.07	0.08	0.07	5.27	ppb
Silver	107-1	0.07	0.08	0.10	0.08	17.31	ppb
Sodium	23-2	96136.77	93160.77	95053.85	94783.80	1.59	ppb
Strontium	86-1	33.76	33.56	34.14	33.82	0.87	ppb
Strontium	88-1	33.90	33.33	33.73	33.65	0.86	ppb
Sulfur	34-1	89710.26	89509.00	88045.41	89088.22	1.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.11	0.17	0.13	20.99	ppb
Thallium	205-1	0.11	0.12	0.14	0.12	11.12	ppb
Tin	118-1	0.14	0.06	0.11	0.10	36.76	ppb
Titanium	47-1	2014.52	2029.39	2014.64	2019.51	0.42	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	6.24	ppb
Vanadium	51-2	0.14	0.18	0.18	0.17	16.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.36	10.68	10.51	10.52	1.53	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	31.58	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA01_P8020818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.04	42.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86977.59	86167.18	87443.36	86862.71	0.74	ppb
Antimony	121-1	20.03	20.51	20.62	20.39	1.54	ppb
Arsenic	75-2	18.94	17.84	19.41	18.73	4.29	ppb
Barium	135-1	21.01	21.35	20.83	21.06	1.27	ppb
Barium	137-1	20.98	21.40	21.86	21.41	2.04	ppb
Beryllium	9-1	20.88	20.41	21.87	21.05	3.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.03	63.76	61.27	62.35	2.05	ppb
Boron	11-1	59.63	60.68	62.15	60.82	2.08	ppb
Cadmium	111-1	19.71	19.31	20.05	19.69	1.88	ppb
Cadmium	106-1	22.57	21.74	21.67	21.99	2.27	ppb
Cadmium	108-1	29.28	30.99	29.47	29.91	3.13	ppb
Calcium	43-1	97203.62	94601.59	98624.75	96809.99	2.11	ppb
Calcium	44-1	94917.52	94342.33	97494.93	95584.93	1.76	ppb
Chromium	52-2	37.57	38.25	38.10	37.97	0.94	ppb
Cobalt	59-2	19.42	19.42	20.10	19.65	1.98	ppb
Copper	63-2	25.60	25.71	25.99	25.76	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95283.51	95019.10	96131.30	95477.97	0.61	ppb
Iron	57-2	93675.04	93289.24	94125.49	93696.59	0.45	ppb
Lead	206-1	24.53	24.30	24.43	24.42	0.48	ppb
Lead	207-1	22.14	22.12	22.51	22.26	0.98	ppb
Lead	208-1	23.16	23.23	23.65	23.34	1.14	ppb
Lithium	6-1						%
Magnesium	24-2	94919.42	95036.48	96685.64	95547.18	1.03	ppb
Manganese	55-2	27.04	25.66	25.87	26.19	2.83	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1479.26	1470.72	1506.22	1485.40	1.25	ppb
Molybdenum	95-1	1992.08	2004.99	2026.50	2007.86	0.87	ppb
Molybdenum	96-1	1918.58	1913.99	1962.54	1931.70	1.39	ppb
Molybdenum	97-1	1989.29	2020.17	2061.75	2023.74	1.80	ppb
Molybdenum	98-1	1963.55	1991.16	2004.69	1986.47	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.06	22.63	22.82	23.17	3.35	ppb
Phosphorus	31-2	95391.21	91786.68	96445.50	94541.13	2.58	ppb
Potassium	39-2	94350.07	92237.47	94303.37	93630.31	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.51	4.33	17.45	15.10	64.93	ppb
Selenium	78-2	15.48	14.60	13.54	14.54	6.66	ppb
Selenium	82-1	19.02	19.70	20.06	19.59	2.69	ppb
Silicon	28-1	99.31	100.14	108.39	102.62	4.89	ppb
Silver	109-1	18.49	19.05	18.72	18.75	1.50	ppb
Silver	107-1	18.51	18.80	19.05	18.79	1.45	ppb
Sodium	23-2	93301.13	92106.26	93347.21	92918.20	0.76	ppb
Strontium	86-1	82.11	82.35	83.75	82.74	1.07	ppb
Strontium	88-1	83.26	84.27	86.27	84.60	1.81	ppb
Sulfur	34-1	89613.49	88169.79	91411.55	89731.61	1.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.72	19.32	19.91	19.65	1.53	ppb
Thallium	205-1	19.88	20.00	20.06	19.98	0.46	ppb
Tin	118-1	50.70	51.27	50.81	50.93	0.60	ppb
Titanium	47-1	2099.33	2059.08	2102.71	2087.04	1.16	ppb
Uranium	238-1	49.64	50.23	50.92	50.26	1.28	ppb
Vanadium	51-2	18.78	18.03	18.46	18.43	2.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.31	28.32	30.03	28.88	3.42	ppb
Zirconium	90-1	50.51	50.17	51.15	50.61	0.99	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.59	50.94	51.31	50.61	1.79	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46557.03	47684.38	46672.96	46971.45	1.32	ppb
Antimony	121-1	525.44	508.51	513.54	515.83	1.69	ppb
Arsenic	75-2	490.10	483.34	491.05	488.16	0.86	ppb
Barium	135-1	2665.26	2553.62	2563.07	2593.98	2.39	ppb
Barium	137-1	2606.65	2520.88	2561.54	2563.02	1.67	ppb
Beryllium	9-1	532.31	523.61	517.76	524.56	1.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	520.20	540.41	516.18	525.60	2.47	ppb
Boron	11-1	514.39	513.11	516.68	514.73	0.35	ppb
Cadmium	111-1	509.37	497.69	497.41	501.49	1.36	ppb
Cadmium	106-1	524.96	509.00	499.68	511.21	2.50	ppb
Cadmium	108-1	519.36	503.24	502.30	508.30	1.89	ppb
Calcium	43-1	245592.13	234222.12	240453.08	240089.11	2.37	ppb
Calcium	44-1	244666.24	232771.72	237859.83	238432.60	2.50	ppb
Chromium	52-2	478.94	492.66	481.99	484.53	1.49	ppb
Cobalt	59-2	462.98	477.77	465.53	468.76	1.69	ppb
Copper	63-2	904.33	926.31	908.56	913.07	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	114993.44	117863.97	114774.39	115877.27	1.49	ppb
Iron	57-2	112448.20	115907.61	113190.61	113848.81	1.60	ppb
Lead	206-1	507.84	510.77	510.42	509.67	0.31	ppb
Lead	207-1	515.80	507.65	507.74	510.40	0.92	ppb
Lead	208-1	516.12	508.99	510.48	511.86	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	235631.55	241703.01	235847.88	237727.48	1.45	ppb
Manganese	55-2	940.97	973.87	955.07	956.64	1.73	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2598.99	2532.03	2526.47	2552.50	1.58	ppb
Molybdenum	95-1	2579.33	2533.80	2507.77	2540.30	1.43	ppb
Molybdenum	96-1	2544.90	2534.72	2508.29	2529.30	0.75	ppb
Molybdenum	97-1	2596.87	2527.61	2504.59	2543.02	1.89	ppb
Molybdenum	98-1	2596.41	2520.58	2487.99	2534.99	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.96	475.02	460.49	465.82	1.72	ppb
Phosphorus	31-2	9635.06	9539.10	9525.15	9566.44	0.63	ppb
Potassium	39-2	117362.02	122007.41	117379.11	118916.18	2.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	467.49	552.12	416.00	478.53	14.36	ppb
Selenium	78-2	527.43	482.77	473.10	494.43	5.86	ppb
Selenium	82-1	509.44	500.21	501.64	503.76	0.99	ppb
Silicon	28-1	544.34	509.17	530.45	527.99	3.35	ppb
Silver	109-1	518.34	505.59	505.81	509.91	1.43	ppb
Silver	107-1	517.35	498.44	502.57	506.12	1.96	ppb
Sodium	23-2	230791.12	238545.44	234163.20	234499.92	1.66	ppb
Strontium	86-1	521.65	516.58	517.99	518.74	0.50	ppb
Strontium	88-1	530.99	513.64	521.69	522.11	1.66	ppb
Sulfur	34-1	10142.14	8833.18	9465.65	9480.33	6.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	523.86	513.52	514.51	517.30	1.10	ppb
Thallium	205-1	521.36	515.73	507.57	514.88	1.35	ppb
Tin	118-1	530.11	518.59	511.31	520.00	1.82	ppb
Titanium	47-1	2613.72	2474.02	2554.81	2547.52	2.75	ppb
Uranium	238-1	522.49	514.83	516.17	517.83	0.79	ppb
Vanadium	51-2	474.58	486.90	480.61	480.69	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	888.65	911.50	904.70	901.62	1.30	ppb
Zirconium	90-1	520.34	511.95	508.66	513.65	1.17	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.42	502.47	501.49	504.79	0.97	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:23:39	DataFile Name :	019LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.01	16.09	17.53	14.54	27.42	ppb
Antimony	121-1	1.95	2.10	2.04	2.03	3.60	ppb
Arsenic	75-2	1.00	0.84	0.94	0.93	8.71	ppb
Barium	135-1	9.88	9.86	9.48	9.74	2.33	ppb
Barium	137-1	9.59	9.36	9.56	9.50	1.28	ppb
Beryllium	9-1	1.19	1.06	1.16	1.14	6.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.48	21.46	25.24	23.39	8.09	ppb
Boron	11-1	22.77	23.91	25.09	23.93	4.86	ppb
Cadmium	111-1	0.88	1.00	0.74	0.87	14.98	ppb
Cadmium	106-1	0.42	1.02	-0.88	0.18	527.17	ppb
Cadmium	108-1	1.23	0.92	1.25	1.13	16.10	ppb
Calcium	43-1	468.02	469.64	463.39	467.02	0.69	ppb
Calcium	44-1	457.28	468.85	443.99	456.71	2.72	ppb
Chromium	52-2	1.92	1.88	2.25	2.02	10.00	ppb
Cobalt	59-2	0.98	0.94	0.94	0.95	2.06	ppb
Copper	63-2	1.80	1.87	2.08	1.92	7.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.38	48.43	49.59	49.14	1.26	ppb
Iron	57-2	44.37	53.37	44.91	47.55	10.61	ppb
Lead	206-1	0.99	0.92	0.95	0.95	3.63	ppb
Lead	207-1	0.94	0.96	0.93	0.94	1.55	ppb
Lead	208-1	0.96	0.97	0.94	0.96	1.74	ppb
Lithium	6-1						%
Magnesium	24-2	477.26	497.11	458.73	477.70	4.02	ppb
Manganese	55-2	1.15	1.33	0.99	1.16	14.37	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:23:39	DataFile Name :	019LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.83	4.89	4.53	4.75	4.00	ppb
Molybdenum	95-1	4.63	4.66	4.59	4.63	0.71	ppb
Molybdenum	96-1	4.63	4.75	4.88	4.75	2.61	ppb
Molybdenum	97-1	4.80	4.90	4.72	4.81	1.95	ppb
Molybdenum	98-1	4.67	4.73	4.55	4.65	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.06	1.03	1.04	1.59	ppb
Phosphorus	31-2	0.00	29.39	28.71	19.37	86.62	ppb
Potassium	39-2	461.75	474.54	437.43	457.91	4.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	4.57	0.07	5192.98	ppb
Selenium	78-2	6.90	5.72	4.73	5.78	18.80	ppb
Selenium	82-1	5.34	5.85	5.92	5.70	5.50	ppb
Silicon	28-1	15.56	12.67	11.94	13.39	14.31	ppb
Silver	109-1	0.97	0.97	0.95	0.96	1.58	ppb
Silver	107-1	0.96	0.97	1.04	0.99	4.15	ppb
Sodium	23-2	467.76	513.99	479.26	487.00	4.94	ppb
Strontium	86-1	0.90	1.04	0.96	0.97	7.37	ppb
Strontium	88-1	1.00	0.94	0.98	0.97	2.95	ppb
Sulfur	34-1	-529.61	-596.49	-1036.39	-720.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.95	1.02	0.96	6.02	ppb
Thallium	205-1	0.99	0.99	0.97	0.98	1.21	ppb
Tin	118-1	4.59	4.66	4.62	4.63	0.75	ppb
Titanium	47-1	4.69	4.96	4.42	4.69	5.77	ppb
Uranium	238-1	0.93	0.93	0.92	0.93	0.70	ppb
Vanadium	51-2	4.54	4.52	4.16	4.41	4.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.32	2.31	1.91	2.18	10.69	ppb
Zirconium	90-1	1.00	0.95	0.97	0.97	2.42	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:23:39	DataFile Name :	019LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.05	0.90	0.90	0.95	9.13	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-1.35	0.42	-1.36		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	65.44	ppb
Arsenic	75-2	-0.02	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.03	-0.02	0.00	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.05	-0.05	-0.01	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.01	0.60	1.72	1.11	51.24	ppb
Boron	11-1	1.61	1.62	1.24	1.49	14.36	ppb
Cadmium	111-1	-0.18	-0.11	-0.04	-0.11		ppb
Cadmium	106-1	-2.34	-1.33	-0.75	-1.47		ppb
Cadmium	108-1	-0.09	-0.04	-0.13	-0.09		ppb
Calcium	43-1	-2.88	7.19	-11.46	-2.39		ppb
Calcium	44-1	-1.39	-2.78	-2.31	-2.16		ppb
Chromium	52-2	0.01	-0.02	-0.06	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	733.49	ppb
Copper	63-2	0.01	-0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.65	0.48	0.03	0.38	83.82	ppb
Iron	57-2	1.20	-0.97	-0.46	-0.08		ppb
Lead	206-1	0.00	0.01	0.01	0.01	105.46	ppb
Lead	207-1	0.01	0.00	0.01	0.01	50.95	ppb
Lead	208-1	0.01	0.02	0.01	0.01	49.29	ppb
Lithium	6-1						%
Magnesium	24-2	4.19	4.73	4.27	4.40	6.69	ppb
Manganese	55-2	0.03	0.03	-0.07	0.00		ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	-0.01	0.00	373.98	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	96-1	0.02	0.00	0.00	0.01	114.71	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	0.00	-0.17	-0.09		ppb
Phosphorus	31-2	0.00	27.45	0.00	9.15	173.21	ppb
Potassium	39-2	12.95	9.15	15.41	12.50	25.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.26	-2.17	-2.17	-0.03		ppb
Selenium	78-2	-1.15	-1.17	-1.16	-1.16		ppb
Selenium	82-1	0.41	0.09	0.24	0.24	66.01	ppb
Silicon	28-1	-2.55	-4.05	-5.97	-4.19		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	61.34	ppb
Sodium	23-2	11.68	4.84	5.53	7.35	51.29	ppb
Strontium	86-1	0.02	0.08	0.01	0.04	99.45	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-395.09	-572.48	-958.81	-642.13		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.03	0.02	53.42	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	42.01	ppb
Tin	118-1	-0.10	-0.11	-0.10	-0.11		ppb
Titanium	47-1	0.08	0.07	0.01	0.06	64.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	-0.13	0.00	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	159.77	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

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

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.09	9.34	16.44	9.96	62.26	ppb
Antimony	121-1	1.79	1.92	1.96	1.89	4.52	ppb
Arsenic	75-2	1.08	1.21	0.76	1.02	22.62	ppb
Barium	135-1	9.33	9.66	9.18	9.39	2.63	ppb
Barium	137-1	9.66	9.40	10.04	9.70	3.29	ppb
Beryllium	9-1	0.96	1.00	0.73	0.90	16.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.94	21.73	25.61	23.10	9.46	ppb
Boron	11-1	22.50	22.50	23.88	22.96	3.46	ppb
Cadmium	111-1	0.78	0.95	0.85	0.86	9.91	ppb
Cadmium	106-1	-0.45	-0.08	-0.45	-0.33		ppb
Cadmium	108-1	0.83	0.86	0.65	0.78	14.85	ppb
Calcium	43-1	445.04	422.25	439.10	435.47	2.71	ppb
Calcium	44-1	447.15	435.10	450.19	444.15	1.80	ppb
Chromium	52-2	1.92	1.87	2.08	1.96	5.82	ppb
Cobalt	59-2	0.88	0.95	1.00	0.95	6.23	ppb
Copper	63-2	1.71	1.64	1.91	1.75	7.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.17	48.22	50.10	48.83	2.25	ppb
Iron	57-2	47.93	46.19	51.04	48.39	5.08	ppb
Lead	206-1	0.95	0.98	0.97	0.97	1.40	ppb
Lead	207-1	0.94	0.98	0.89	0.94	4.96	ppb
Lead	208-1	0.97	0.96	0.92	0.95	2.86	ppb
Lithium	6-1						%
Magnesium	24-2	455.45	462.27	496.72	471.48	4.69	ppb
Manganese	55-2	1.17	1.41	1.10	1.23	13.67	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.50	4.71	4.89	4.70	4.15	ppb
Molybdenum	95-1	4.60	4.36	4.56	4.51	2.87	ppb
Molybdenum	96-1	4.70	4.55	4.37	4.54	3.65	ppb
Molybdenum	97-1	4.42	4.56	4.71	4.56	3.12	ppb
Molybdenum	98-1	4.59	4.67	4.66	4.64	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	1.00	1.20	1.01	17.95	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	481.55	449.22	462.90	464.55	3.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	5.67	0.44	1024.52	ppb
Selenium	78-2	9.75	5.41	11.29	8.81	34.60	ppb
Selenium	82-1	4.56	4.91	5.31	4.93	7.65	ppb
Silicon	28-1	12.03	11.36	12.64	12.01	5.31	ppb
Silver	109-1	0.94	1.05	1.02	1.00	5.64	ppb
Silver	107-1	0.93	1.00	1.02	0.98	4.74	ppb
Sodium	23-2	474.00	471.48	515.99	487.16	5.13	ppb
Strontium	86-1	0.93	1.00	1.04	0.99	5.60	ppb
Strontium	88-1	0.94	0.92	0.98	0.95	2.80	ppb
Sulfur	34-1	-839.49	-708.46	-525.10	-691.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.97	0.95	0.94	3.70	ppb
Thallium	205-1	0.95	0.99	0.97	0.97	2.08	ppb
Tin	118-1	4.62	4.89	4.75	4.75	2.85	ppb
Titanium	47-1	4.75	4.62	5.01	4.80	4.15	ppb
Uranium	238-1	0.88	0.93	0.88	0.89	2.95	ppb
Vanadium	51-2	4.55	4.58	4.97	4.70	5.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.45	2.12	2.45	2.34	8.09	ppb
Zirconium	90-1	0.99	0.99	0.99	0.99	0.31	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	0.88	0.86	0.94	12.46	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:50:31 DataFile Name : 025SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.88	7.69	13.25	12.61	36.70	ppb
Antimony	121-1	0.27	0.27	0.30	0.28	6.31	ppb
Arsenic	75-2	0.34	0.18	0.26	0.26	29.06	ppb
Barium	135-1	1.36	1.16	1.41	1.31	10.13	ppb
Barium	137-1	1.19	1.23	1.28	1.23	3.44	ppb
Beryllium	9-1	0.15	0.11	0.25	0.17	41.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.33	1.53	1.60	1.49	9.37	ppb
Boron	11-1	2.01	2.41	1.56	1.99	21.45	ppb
Cadmium	111-1	0.19	0.14	0.19	0.17	14.44	ppb
Cadmium	106-1	-0.66	-0.92	-0.75	-0.77		ppb
Cadmium	108-1	0.30	0.26	0.09	0.22	52.54	ppb
Calcium	43-1	30.63	17.23	27.79	25.22	28.01	ppb
Calcium	44-1	22.55	21.57	22.40	22.17	2.38	ppb
Chromium	52-2	0.16	0.26	0.37	0.27	39.07	ppb
Cobalt	59-2	0.24	0.26	0.21	0.23	9.27	ppb
Copper	63-2	0.54	0.46	0.47	0.49	8.93	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.26	12.92	11.75	12.31	4.74	ppb
Iron	57-2	10.81	11.77	11.89	11.49	5.16	ppb
Lead	206-1	0.22	0.23	0.24	0.23	5.21	ppb
Lead	207-1	0.27	0.21	0.23	0.24	13.43	ppb
Lead	208-1	0.24	0.23	0.23	0.23	2.90	ppb
Lithium	6-1						%
Magnesium	24-2	29.61	23.96	31.18	28.25	13.44	ppb
Manganese	55-2	0.48	0.55	0.36	0.46	20.64	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:50:31 DataFile Name : 025SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.30	1.15	1.12	1.19	7.88	ppb
Molybdenum	95-1	1.25	1.20	1.16	1.21	3.94	ppb
Molybdenum	96-1	1.22	1.14	1.29	1.22	5.89	ppb
Molybdenum	97-1	1.13	1.13	1.22	1.16	4.41	ppb
Molybdenum	98-1	1.19	1.23	1.24	1.22	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.28	0.38	0.29	30.58	ppb
Phosphorus	31-2	0.00	0.00	27.83	9.28	173.21	ppb
Potassium	39-2	22.93	20.93	43.68	29.18	43.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	17.02	10.64	17.13	14.93	24.89	ppb
Selenium	78-2	1.06	-0.05	1.07	0.69	92.91	ppb
Selenium	82-1	3.21	3.40	3.84	3.48	9.35	ppb
Silicon	28-1	-3.16	-4.91	-6.10	-4.72		ppb
Silver	109-1	0.24	0.29	0.24	0.26	11.92	ppb
Silver	107-1	0.26	0.29	0.24	0.26	8.57	ppb
Sodium	23-2	30.69	35.39	32.93	33.00	7.12	ppb
Strontium	86-1	0.31	0.25	0.23	0.26	15.31	ppb
Strontium	88-1	0.23	0.23	0.24	0.23	1.87	ppb
Sulfur	34-1	-305.66	-507.23	-713.48	-508.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.24	0.23	0.23	5.38	ppb
Thallium	205-1	0.25	0.24	0.23	0.24	4.41	ppb
Tin	118-1	0.21	0.19	0.21	0.20	4.57	ppb
Titanium	47-1	1.34	1.11	1.22	1.22	9.30	ppb
Uranium	238-1	0.23	0.24	0.23	0.23	2.15	ppb
Vanadium	51-2	0.18	0.23	0.21	0.21	10.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.89	0.72	0.69	0.77	13.95	ppb
Zirconium	90-1	0.21	0.24	0.24	0.23	8.22	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.19	0.23	0.24	20.02	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.99	28.84	48.76	38.20	26.22	ppb
Antimony	121-1	3.95	3.97	3.69	3.87	3.94	ppb
Arsenic	75-2	2.27	1.80	1.71	1.92	15.60	ppb
Barium	135-1	19.15	19.47	20.23	19.62	2.81	ppb
Barium	137-1	19.73	19.00	19.34	19.35	1.90	ppb
Beryllium	9-1	1.85	1.98	2.14	1.99	7.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	41.76	40.99	46.76	43.17	7.26	ppb
Boron	11-1	44.38	45.16	47.32	45.62	3.34	ppb
Cadmium	111-1	1.90	2.06	2.03	2.00	4.15	ppb
Cadmium	106-1	1.52	1.70	1.57	1.60	5.87	ppb
Cadmium	108-1	2.14	1.98	2.13	2.08	4.31	ppb
Calcium	43-1	879.75	893.93	911.89	895.19	1.80	ppb
Calcium	44-1	894.11	921.01	900.86	905.33	1.55	ppb
Chromium	52-2	3.93	3.67	4.15	3.92	6.20	ppb
Cobalt	59-2	1.87	1.87	1.95	1.89	2.42	ppb
Copper	63-2	3.74	3.44	3.70	3.63	4.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	96.62	94.32	93.24	94.73	1.83	ppb
Iron	57-2	85.89	91.43	89.48	88.93	3.16	ppb
Lead	206-1	1.88	1.94	1.94	1.92	1.87	ppb
Lead	207-1	1.95	1.85	1.87	1.89	2.80	ppb
Lead	208-1	1.91	1.90	1.93	1.91	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	939.52	905.08	968.32	937.64	3.38	ppb
Manganese	55-2	1.90	2.07	1.88	1.95	5.50	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.69	9.76	9.54	9.66	1.15	ppb
Molybdenum	95-1	9.19	9.59	9.45	9.41	2.17	ppb
Molybdenum	96-1	9.60	9.28	9.22	9.36	2.18	ppb
Molybdenum	97-1	9.27	9.62	9.40	9.43	1.92	ppb
Molybdenum	98-1	9.06	9.14	9.06	9.09	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.92	1.86	1.90	1.93	ppb
Phosphorus	31-2	0.00	0.00	27.34	9.11	173.21	ppb
Potassium	39-2	941.29	922.96	867.90	910.72	4.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.58	-2.17	10.53	6.31	116.39	ppb
Selenium	78-2	13.14	14.33	7.60	11.69	30.73	ppb
Selenium	82-1	10.28	10.09	10.20	10.19	0.94	ppb
Silicon	28-1	28.91	31.46	29.21	29.86	4.66	ppb
Silver	109-1	2.01	2.11	2.05	2.05	2.52	ppb
Silver	107-1	1.98	2.09	2.07	2.05	2.90	ppb
Sodium	23-2	926.19	899.01	903.96	909.72	1.59	ppb
Strontium	86-1	1.96	2.04	1.96	1.99	2.22	ppb
Strontium	88-1	1.90	1.98	1.91	1.93	2.34	ppb
Sulfur	34-1	-544.10	-340.41	-734.40	-539.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.93	1.97	1.92	1.94	1.49	ppb
Thallium	205-1	1.93	1.91	1.93	1.92	0.53	ppb
Tin	118-1	9.80	9.62	9.64	9.69	1.02	ppb
Titanium	47-1	9.87	9.76	9.49	9.71	2.01	ppb
Uranium	238-1	1.80	1.79	1.82	1.80	0.79	ppb
Vanadium	51-2	8.93	8.93	8.94	8.94	0.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.51	4.52	4.55	4.53	0.47	ppb
Zirconium	90-1	1.99	1.99	1.95	1.98	1.00	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	1.73	2.04	1.90	8.42	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.47	6.57	20.51	12.18	60.36	ppb
Antimony	121-1	0.26	0.27	0.27	0.27	2.38	ppb
Arsenic	75-2	0.31	0.28	0.14	0.24	38.54	ppb
Barium	135-1	1.20	1.23	1.16	1.20	2.94	ppb
Barium	137-1	1.19	1.22	1.31	1.24	4.93	ppb
Beryllium	9-1	0.21	0.18	0.19	0.20	8.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.54	2.61	2.59	2.58	1.39	ppb
Boron	11-1	3.07	3.30	3.28	3.22	4.05	ppb
Cadmium	111-1	0.23	0.16	0.21	0.20	16.62	ppb
Cadmium	106-1	-0.14	-0.65	-0.29	-0.36		ppb
Cadmium	108-1	0.36	0.22	0.36	0.31	24.28	ppb
Calcium	43-1	20.77	21.98	24.74	22.50	9.05	ppb
Calcium	44-1	24.58	21.76	22.87	23.07	6.17	ppb
Chromium	52-2	0.12	0.28	0.19	0.20	41.02	ppb
Cobalt	59-2	0.27	0.21	0.20	0.23	17.81	ppb
Copper	63-2	0.41	0.46	0.39	0.42	9.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.39	12.64	12.48	12.51	1.01	ppb
Iron	57-2	8.03	10.53	11.87	10.15	19.20	ppb
Lead	206-1	0.22	0.23	0.22	0.22	0.87	ppb
Lead	207-1	0.21	0.21	0.22	0.21	2.18	ppb
Lead	208-1	0.22	0.22	0.22	0.22	1.27	ppb
Lithium	6-1						%
Magnesium	24-2	29.25	31.68	24.96	28.63	11.88	ppb
Manganese	55-2	0.59	0.49	0.61	0.56	11.03	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.18	1.26	1.29	1.24	4.68	ppb
Molybdenum	95-1	1.26	1.14	1.22	1.21	4.97	ppb
Molybdenum	96-1	1.26	1.21	1.19	1.22	2.82	ppb
Molybdenum	97-1	1.41	1.21	1.13	1.25	11.33	ppb
Molybdenum	98-1	1.26	1.22	1.15	1.21	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.39	0.13	0.20	79.30	ppb
Phosphorus	31-2	27.54	59.42	0.00	28.99	102.59	ppb
Potassium	39-2	15.81	39.75	36.59	30.72	42.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	2.18	3.60	1.11	2.30	54.44	ppb
Selenium	82-1	3.19	3.28	3.95	3.47	11.93	ppb
Silicon	28-1	-0.48	-2.23	-1.14	-1.28		ppb
Silver	109-1	0.25	0.26	0.25	0.25	1.35	ppb
Silver	107-1	0.26	0.27	0.26	0.26	2.29	ppb
Sodium	23-2	36.08	39.38	38.52	37.99	4.51	ppb
Strontium	86-1	0.18	0.24	0.21	0.21	13.34	ppb
Strontium	88-1	0.24	0.23	0.23	0.23	3.73	ppb
Sulfur	34-1	-153.91	-439.59	-242.21	-278.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.23	0.27	0.25	9.29	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.02	ppb
Tin	118-1	0.18	0.24	0.21	0.21	15.01	ppb
Titanium	47-1	0.96	1.00	0.94	0.97	3.68	ppb
Uranium	238-1	0.25	0.24	0.25	0.25	1.44	ppb
Vanadium	51-2	0.18	0.38	0.27	0.28	36.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.75	0.69	0.53	0.65	17.39	ppb
Zirconium	90-1	0.24	0.24	0.22	0.23	3.81	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.26	0.28	0.26	6.17	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:59:57 DataFile Name : 028SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.29	16.96	4.59	14.62	62.11	ppb
Antimony	121-1	0.24	0.23	0.22	0.23	5.01	ppb
Arsenic	75-2	0.26	0.13	0.31	0.24	38.21	ppb
Barium	135-1	1.22	1.16	1.27	1.22	4.75	ppb
Barium	137-1	1.22	1.28	1.25	1.25	2.33	ppb
Beryllium	9-1	0.19	0.24	0.15	0.19	25.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.40	1.11	2.80	2.10	41.95	ppb
Boron	11-1	1.99	2.09	2.92	2.33	21.84	ppb
Cadmium	111-1	0.10	0.21	0.19	0.17	33.51	ppb
Cadmium	106-1	-1.64	0.12	-0.58	-0.70		ppb
Cadmium	108-1	0.31	0.05	0.18	0.18	73.63	ppb
Calcium	43-1	21.92	19.03	20.34	20.43	7.07	ppb
Calcium	44-1	24.14	23.48	19.85	22.49	10.28	ppb
Chromium	52-2	0.23	0.26	0.18	0.23	17.38	ppb
Cobalt	59-2	0.21	0.24	0.21	0.22	6.58	ppb
Copper	63-2	0.47	0.49	0.52	0.49	5.59	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.87	12.24	12.58	12.23	2.91	ppb
Iron	57-2	10.78	11.40	9.34	10.51	10.05	ppb
Lead	206-1	0.24	0.19	0.25	0.22	12.69	ppb
Lead	207-1	0.20	0.22	0.21	0.21	5.22	ppb
Lead	208-1	0.23	0.22	0.23	0.23	3.07	ppb
Lithium	6-1						%
Magnesium	24-2	21.06	26.66	27.81	25.18	14.35	ppb
Manganese	55-2	0.53	0.48	0.80	0.60	28.52	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.18	1.21	1.05	1.15	7.53	ppb
Molybdenum	95-1	1.14	1.18	1.23	1.18	3.88	ppb
Molybdenum	96-1	1.28	1.18	1.28	1.25	4.82	ppb
Molybdenum	97-1	1.25	1.13	1.18	1.18	5.35	ppb
Molybdenum	98-1	1.18	1.13	1.20	1.17	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.08	0.24	0.18	50.60	ppb
Phosphorus	31-2	0.00	0.00	59.16	19.72	173.21	ppb
Potassium	39-2	42.47	20.91	38.92	34.10	33.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.33	-2.17	-2.17	0.00		ppb
Selenium	78-2	1.12	2.19	2.47	1.93	37.15	ppb
Selenium	82-1	3.68	3.65	3.95	3.76	4.37	ppb
Silicon	28-1	-1.13	0.35	1.02	0.08	1420.46	ppb
Silver	109-1	0.25	0.25	0.26	0.25	3.02	ppb
Silver	107-1	0.26	0.27	0.27	0.27	1.78	ppb
Sodium	23-2	27.98	34.71	32.31	31.67	10.77	ppb
Strontium	86-1	0.18	0.21	0.32	0.24	30.27	ppb
Strontium	88-1	0.26	0.24	0.25	0.25	3.90	ppb
Sulfur	34-1	-39.29	-109.58	-51.12	-66.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.24	0.26	0.25	5.75	ppb
Thallium	205-1	0.23	0.23	0.21	0.22	4.20	ppb
Tin	118-1	0.15	0.20	0.22	0.19	17.86	ppb
Titanium	47-1	0.99	1.29	1.30	1.19	14.73	ppb
Uranium	238-1	0.23	0.21	0.24	0.23	6.19	ppb
Vanadium	51-2	0.23	0.27	0.22	0.24	10.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.53	0.43	0.47	0.48	9.89	ppb
Zirconium	90-1	0.22	0.24	0.26	0.24	9.37	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.20	0.26	0.25	17.42	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.88	34.70	27.04	32.87	15.73	ppb
Antimony	121-1	4.08	4.10	4.05	4.08	0.62	ppb
Arsenic	75-2	1.80	1.74	1.96	1.83	5.99	ppb
Barium	135-1	19.78	20.21	20.53	20.17	1.88	ppb
Barium	137-1	20.91	20.42	20.44	20.59	1.34	ppb
Beryllium	9-1	2.15	2.03	2.07	2.08	2.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.70	48.97	45.71	47.13	3.56	ppb
Boron	11-1	44.08	46.42	47.42	45.97	3.73	ppb
Cadmium	111-1	1.97	1.90	1.89	1.92	2.16	ppb
Cadmium	106-1	2.68	0.93	1.14	1.58	60.40	ppb
Cadmium	108-1	2.22	2.48	2.46	2.39	5.91	ppb
Calcium	43-1	968.56	952.54	885.55	935.55	4.71	ppb
Calcium	44-1	967.64	931.88	925.52	941.68	2.41	ppb
Chromium	52-2	3.96	4.20	4.17	4.11	3.19	ppb
Cobalt	59-2	1.82	1.98	1.89	1.90	4.37	ppb
Copper	63-2	3.77	3.79	3.74	3.77	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97.22	97.19	93.21	95.88	2.40	ppb
Iron	57-2	97.41	100.19	98.14	98.58	1.46	ppb
Lead	206-1	2.01	1.98	1.89	1.96	3.26	ppb
Lead	207-1	2.07	1.89	1.96	1.97	4.41	ppb
Lead	208-1	1.99	1.94	1.97	1.96	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	958.20	958.34	943.57	953.37	0.89	ppb
Manganese	55-2	2.16	1.66	2.47	2.10	19.42	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.13	10.37	9.97	10.16	2.01	ppb
Molybdenum	95-1	9.71	9.86	9.36	9.64	2.69	ppb
Molybdenum	96-1	9.83	9.68	9.26	9.59	3.07	ppb
Molybdenum	97-1	9.84	9.48	10.09	9.80	3.15	ppb
Molybdenum	98-1	9.82	9.47	9.67	9.66	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.10	1.84	2.05	9.27	ppb
Phosphorus	31-2	0.00	0.00	27.13	9.04	173.21	ppb
Potassium	39-2	1025.50	906.34	902.66	944.83	7.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	23.35	10.68	10.62	120.18	ppb
Selenium	78-2	9.92	16.47	3.28	9.89	66.65	ppb
Selenium	82-1	9.96	11.05	10.42	10.47	5.24	ppb
Silicon	28-1	40.99	33.55	33.07	35.87	12.37	ppb
Silver	109-1	2.05	2.16	2.12	2.11	2.82	ppb
Silver	107-1	2.18	2.18	2.07	2.15	3.05	ppb
Sodium	23-2	952.87	962.07	927.77	947.57	1.87	ppb
Strontium	86-1	2.15	1.91	2.02	2.03	5.78	ppb
Strontium	88-1	1.97	2.01	2.01	2.00	1.14	ppb
Sulfur	34-1	319.59	-28.62	-329.87	-12.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.95	1.96	1.89	1.93	2.08	ppb
Thallium	205-1	2.01	1.97	2.02	2.00	1.21	ppb
Tin	118-1	10.22	10.00	9.82	10.01	2.04	ppb
Titanium	47-1	9.43	9.74	9.45	9.54	1.83	ppb
Uranium	238-1	1.88	1.83	1.88	1.86	1.37	ppb
Vanadium	51-2	9.98	9.53	8.89	9.47	5.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.81	4.75	3.65	4.07	14.59	ppb
Zirconium	90-1	2.16	2.02	2.07	2.08	3.34	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.94	2.13	2.02	2.03	4.72	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.15	9.71	7.57	11.14	40.07	ppb
Antimony	121-1	0.26	0.24	0.23	0.24	6.64	ppb
Arsenic	75-2	0.37	0.24	0.13	0.25	47.19	ppb
Barium	135-1	1.15	1.38	1.21	1.25	9.60	ppb
Barium	137-1	1.32	1.12	1.22	1.22	8.14	ppb
Beryllium	9-1	0.24	0.26	0.15	0.22	28.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.47	4.19	2.06	3.24	33.46	ppb
Boron	11-1	3.53	3.66	3.58	3.59	1.77	ppb
Cadmium	111-1	0.23	0.17	0.27	0.22	23.59	ppb
Cadmium	106-1	-0.71	-1.11	0.19	-0.54		ppb
Cadmium	108-1	0.26	0.30	0.13	0.23	38.03	ppb
Calcium	43-1	30.82	17.26	28.69	25.59	28.50	ppb
Calcium	44-1	20.78	22.03	21.52	21.44	2.92	ppb
Chromium	52-2	0.08	0.23	0.27	0.19	51.46	ppb
Cobalt	59-2	0.30	0.23	0.25	0.26	14.49	ppb
Copper	63-2	0.51	0.46	0.33	0.43	21.64	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.02	12.03	12.54	12.20	2.43	ppb
Iron	57-2	13.84	14.16	16.34	14.78	9.19	ppb
Lead	206-1	0.25	0.29	0.25	0.26	8.53	ppb
Lead	207-1	0.23	0.23	0.18	0.21	11.32	ppb
Lead	208-1	0.24	0.23	0.23	0.24	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	26.07	20.58	21.34	22.66	13.13	ppb
Manganese	55-2	0.63	0.34	0.50	0.49	29.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.24	1.27	1.23	1.24	1.67	ppb
Molybdenum	95-1	1.25	1.15	1.17	1.19	4.50	ppb
Molybdenum	96-1	1.16	1.15	1.30	1.20	6.78	ppb
Molybdenum	97-1	1.17	1.29	1.24	1.23	4.83	ppb
Molybdenum	98-1	1.27	1.26	1.26	1.27	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.29	0.19	0.26	20.75	ppb
Phosphorus	31-2	0.00	0.00	27.29	9.10	173.21	ppb
Potassium	39-2	32.55	41.08	29.10	34.24	18.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.66	-2.17	-2.17	2.44	327.44	ppb
Selenium	78-2	-1.07	-1.14	3.28	0.36	706.79	ppb
Selenium	82-1	4.23	2.65	2.92	3.27	25.95	ppb
Silicon	28-1	-3.45	-0.17	-0.60	-1.40		ppb
Silver	109-1	0.23	0.27	0.28	0.26	9.43	ppb
Silver	107-1	0.22	0.27	0.25	0.25	8.61	ppb
Sodium	23-2	43.58	38.64	28.38	36.87	21.03	ppb
Strontium	86-1	0.29	0.25	0.22	0.25	13.80	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	3.75	ppb
Sulfur	34-1	-280.42	-82.35	-72.24	-145.00		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.24	0.24	0.25	7.73	ppb
Thallium	205-1	0.26	0.26	0.23	0.25	8.00	ppb
Tin	118-1	0.24	0.23	0.21	0.23	8.45	ppb
Titanium	47-1	1.00	1.37	1.12	1.16	16.20	ppb
Uranium	238-1	0.22	0.24	0.23	0.23	4.48	ppb
Vanadium	51-2	0.16	0.24	0.19	0.20	20.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.61	0.93	0.67	0.74	23.11	ppb
Zirconium	90-1	0.26	0.27	0.27	0.26	1.49	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.20	0.30	0.25	19.63	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:09:26 DataFile Name : 031SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.46	11.29	13.01	12.59	9.07	ppb
Antimony	121-1	0.24	0.22	0.25	0.23	6.68	ppb
Arsenic	75-2	0.30	0.36	0.19	0.28	31.90	ppb
Barium	135-1	1.15	1.13	1.12	1.13	1.42	ppb
Barium	137-1	1.15	1.28	1.13	1.19	6.53	ppb
Beryllium	9-1	0.17	0.21	0.22	0.20	14.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.84	0.68	2.60	1.37	77.61	ppb
Boron	11-1	2.22	2.11	2.36	2.23	5.53	ppb
Cadmium	111-1	0.15	0.16	0.22	0.18	20.78	ppb
Cadmium	106-1	-0.48	-1.14	-0.44	-0.68		ppb
Cadmium	108-1	0.13	0.36	0.44	0.31	52.18	ppb
Calcium	43-1	17.72	21.90	13.15	17.59	24.87	ppb
Calcium	44-1	20.94	21.13	20.90	20.99	0.58	ppb
Chromium	52-2	0.36	0.26	0.23	0.28	23.43	ppb
Cobalt	59-2	0.32	0.19	0.23	0.25	27.46	ppb
Copper	63-2	0.68	0.42	0.49	0.53	25.61	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.28	11.94	11.43	12.55	12.12	ppb
Iron	57-2	12.00	17.06	13.79	14.28	17.98	ppb
Lead	206-1	0.23	0.26	0.27	0.25	9.10	ppb
Lead	207-1	0.17	0.22	0.20	0.20	11.62	ppb
Lead	208-1	0.21	0.22	0.26	0.23	11.34	ppb
Lithium	6-1						%
Magnesium	24-2	29.47	28.91	36.33	31.57	13.08	ppb
Manganese	55-2	0.58	0.45	0.52	0.52	12.13	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:09:26 DataFile Name : 031SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.11	1.15	1.13	1.13	1.71	ppb
Molybdenum	95-1	1.20	1.18	1.16	1.18	1.53	ppb
Molybdenum	96-1	1.16	1.14	1.20	1.17	2.50	ppb
Molybdenum	97-1	1.25	1.22	1.23	1.23	1.23	ppb
Molybdenum	98-1	1.16	1.15	1.16	1.16	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.24	0.29	0.34	38.24	ppb
Phosphorus	31-2	63.46	27.58	27.42	39.49	52.58	ppb
Potassium	39-2	58.14	15.34	23.22	32.23	70.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.10	10.74	4.27	6.70	52.57	ppb
Selenium	78-2	-1.00	-1.15	-2.26	-1.47		ppb
Selenium	82-1	3.12	3.59	4.18	3.63	14.61	ppb
Silicon	28-1	-3.66	-0.92	-0.27	-1.62		ppb
Silver	109-1	0.28	0.25	0.24	0.26	6.96	ppb
Silver	107-1	0.25	0.27	0.25	0.25	5.20	ppb
Sodium	23-2	52.63	31.70	29.18	37.84	34.03	ppb
Strontium	86-1	0.24	0.34	0.30	0.30	17.38	ppb
Strontium	88-1	0.22	0.24	0.23	0.23	5.07	ppb
Sulfur	34-1	-284.73	-131.65	11.35	-135.01		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.26	0.22	0.23	14.12	ppb
Thallium	205-1	0.22	0.21	0.24	0.22	7.01	ppb
Tin	118-1	0.15	0.20	0.17	0.17	13.13	ppb
Titanium	47-1	1.26	1.13	1.32	1.24	8.13	ppb
Uranium	238-1	0.21	0.21	0.22	0.21	2.69	ppb
Vanadium	51-2	0.25	0.21	0.36	0.27	28.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.68	0.88	0.61	0.72	19.21	ppb
Zirconium	90-1	0.23	0.24	0.25	0.24	3.51	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.23	0.26	0.24	8.74	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:12:35 DataFile Name : 032SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.49	44.92	38.19	36.20	27.26	ppb
Antimony	121-1	3.84	3.94	3.97	3.91	1.83	ppb
Arsenic	75-2	1.99	1.88	2.06	1.98	4.52	ppb
Barium	135-1	19.46	19.51	19.33	19.43	0.47	ppb
Barium	137-1	19.79	19.50	19.34	19.54	1.15	ppb
Beryllium	9-1	2.30	1.91	2.09	2.10	9.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.37	42.67	44.47	43.50	2.09	ppb
Boron	11-1	41.36	43.12	43.35	42.61	2.56	ppb
Cadmium	111-1	1.81	1.86	1.92	1.86	2.97	ppb
Cadmium	106-1	1.77	0.29	1.37	1.14	67.35	ppb
Cadmium	108-1	2.22	1.93	2.02	2.05	7.23	ppb
Calcium	43-1	913.23	901.91	899.60	904.91	0.81	ppb
Calcium	44-1	896.78	884.55	878.98	886.77	1.03	ppb
Chromium	52-2	4.14	3.84	4.28	4.09	5.48	ppb
Cobalt	59-2	1.82	1.79	1.88	1.83	2.30	ppb
Copper	63-2	3.55	3.91	3.70	3.72	4.86	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95.33	91.77	93.49	93.53	1.90	ppb
Iron	57-2	98.41	86.38	84.05	89.61	8.60	ppb
Lead	206-1	1.80	1.80	1.81	1.80	0.49	ppb
Lead	207-1	1.85	1.78	1.84	1.82	2.17	ppb
Lead	208-1	1.81	1.83	1.89	1.84	2.08	ppb
Lithium	6-1						%
Magnesium	24-2	906.99	912.06	935.28	918.11	1.64	ppb
Manganese	55-2	2.16	1.87	1.69	1.91	12.44	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.28	9.49	9.37	9.38	1.13	ppb
Molybdenum	95-1	9.37	9.05	9.18	9.20	1.71	ppb
Molybdenum	96-1	9.18	9.38	9.30	9.29	1.08	ppb
Molybdenum	97-1	9.17	8.91	9.29	9.12	2.14	ppb
Molybdenum	98-1	9.19	9.20	9.12	9.17	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	1.94	1.65	1.86	10.00	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	949.48	883.30	960.89	931.22	4.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	4.17	-2.17	-0.06		ppb
Selenium	78-2	7.63	7.60	10.89	8.71	21.77	ppb
Selenium	82-1	11.09	11.23	9.72	10.68	7.81	ppb
Silicon	28-1	31.73	29.56	30.53	30.60	3.55	ppb
Silver	109-1	2.05	1.91	1.97	1.98	3.49	ppb
Silver	107-1	2.05	1.96	2.10	2.04	3.32	ppb
Sodium	23-2	890.57	896.20	918.66	901.81	1.65	ppb
Strontium	86-1	1.92	1.86	1.87	1.88	1.83	ppb
Strontium	88-1	1.91	1.88	1.92	1.90	1.04	ppb
Sulfur	34-1	-64.58	-157.36	-467.39	-229.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.80	1.95	1.90	1.88	4.22	ppb
Thallium	205-1	1.85	1.85	1.92	1.88	2.13	ppb
Tin	118-1	9.50	9.37	9.40	9.42	0.69	ppb
Titanium	47-1	10.49	9.51	8.77	9.59	9.02	ppb
Uranium	238-1	1.84	1.79	1.79	1.80	1.54	ppb
Vanadium	51-2	9.15	8.70	9.11	8.99	2.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.78	4.17	3.89	3.95	5.17	ppb
Zirconium	90-1	1.94	1.91	1.92	1.92	0.98	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.86	1.84	1.89	4.00	ppb

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:15:43 DataFile Name : 033SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.10	5.96	14.46	12.17	44.72	ppb
Antimony	121-1	0.24	0.28	0.27	0.26	8.37	ppb
Arsenic	75-2	0.13	0.21	0.33	0.22	44.06	ppb
Barium	135-1	1.14	1.25	1.38	1.26	9.46	ppb
Barium	137-1	1.18	1.12	1.44	1.25	13.60	ppb
Beryllium	9-1	0.25	0.18	0.14	0.19	29.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.42	1.78	3.35	2.85	32.44	ppb
Boron	11-1	3.06	3.25	3.27	3.19	3.57	ppb
Cadmium	111-1	0.28	0.19	0.20	0.23	21.69	ppb
Cadmium	106-1	0.44	-0.88	-0.05	-0.17		ppb
Cadmium	108-1	0.13	0.18	0.14	0.15	16.55	ppb
Calcium	43-1	27.08	34.86	16.66	26.20	34.85	ppb
Calcium	44-1	19.40	20.45	22.89	20.92	8.57	ppb
Chromium	52-2	0.13	0.18	0.13	0.15	17.11	ppb
Cobalt	59-2	0.27	0.20	0.20	0.23	16.85	ppb
Copper	63-2	0.41	0.47	0.43	0.44	6.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10.70	12.03	10.89	11.21	6.44	ppb
Iron	57-2	8.76	11.34	8.84	9.65	15.23	ppb
Lead	206-1	0.20	0.19	0.22	0.20	8.34	ppb
Lead	207-1	0.22	0.22	0.21	0.22	3.48	ppb
Lead	208-1	0.23	0.22	0.23	0.22	1.99	ppb
Lithium	6-1						%
Magnesium	24-2	23.72	27.29	25.79	25.60	7.01	ppb
Manganese	55-2	0.43	0.34	0.48	0.42	16.75	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.20	1.19	1.29	1.23	4.29	ppb
Molybdenum	95-1	1.18	1.30	1.23	1.24	5.04	ppb
Molybdenum	96-1	1.18	1.12	1.25	1.18	5.30	ppb
Molybdenum	97-1	1.29	1.04	1.16	1.16	10.58	ppb
Molybdenum	98-1	1.15	1.19	1.18	1.18	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.19	0.24	0.25	21.78	ppb
Phosphorus	31-2	26.73	0.00	0.00	8.91	173.21	ppb
Potassium	39-2	35.97	38.74	33.20	35.97	7.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.20	-2.17	-2.17	-0.05		ppb
Selenium	78-2	-0.06	4.41	-0.09	1.42	182.00	ppb
Selenium	82-1	3.40	3.63	3.56	3.53	3.36	ppb
Silicon	28-1	-2.26	-0.18	-0.35	-0.93		ppb
Silver	109-1	0.25	0.22	0.23	0.23	6.53	ppb
Silver	107-1	0.28	0.26	0.23	0.26	9.86	ppb
Sodium	23-2	27.47	26.60	16.23	23.43	26.67	ppb
Strontium	86-1	0.18	0.26	0.22	0.22	18.43	ppb
Strontium	88-1	0.24	0.24	0.25	0.25	2.75	ppb
Sulfur	34-1	-335.33	-163.40	-213.57	-237.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.23	0.27	0.24	10.71	ppb
Thallium	205-1	0.24	0.24	0.22	0.23	3.11	ppb
Tin	118-1	0.17	0.18	0.20	0.19	7.30	ppb
Titanium	47-1	1.12	1.15	1.39	1.22	12.12	ppb
Uranium	238-1	0.21	0.22	0.22	0.22	1.61	ppb
Vanadium	51-2	0.18	0.27	0.30	0.25	25.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.78	0.63	0.47	0.63	24.83	ppb
Zirconium	90-1	0.22	0.26	0.22	0.23	9.29	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.35	0.28	20.63	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48481.18	48342.74	47505.00	48109.64	1.10	ppb
Antimony	121-1	511.02	508.83	558.33	526.06	5.32	ppb
Arsenic	75-2	479.79	483.76	485.72	483.09	0.62	ppb
Barium	135-1	2575.98	2560.22	2830.46	2655.55	5.71	ppb
Barium	137-1	2556.82	2531.99	2758.74	2615.85	4.75	ppb
Beryllium	9-1	530.61	520.90	576.52	542.68	5.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	523.10	528.88	582.58	544.85	6.02	ppb
Boron	11-1	523.67	524.93	585.45	544.68	6.48	ppb
Cadmium	111-1	498.08	494.40	545.96	512.81	5.61	ppb
Cadmium	106-1	492.70	496.26	553.17	514.04	6.60	ppb
Cadmium	108-1	495.74	493.24	551.46	513.48	6.41	ppb
Calcium	43-1	239757.81	238460.51	262105.55	246774.63	5.39	ppb
Calcium	44-1	237701.22	235942.21	259311.61	244318.35	5.33	ppb
Chromium	52-2	495.85	488.23	486.51	490.20	1.01	ppb
Cobalt	59-2	469.93	470.87	466.54	469.11	0.49	ppb
Copper	63-2	920.12	916.75	906.08	914.32	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	118068.31	117134.15	115841.31	117014.59	0.96	ppb
Iron	57-2	115300.39	114781.21	113792.80	114624.80	0.67	ppb
Lead	206-1	515.25	510.29	557.59	527.71	4.93	ppb
Lead	207-1	509.55	508.66	552.05	523.42	4.74	ppb
Lead	208-1	513.36	512.73	553.73	526.60	4.46	ppb
Lithium	6-1						%
Magnesium	24-2	245790.43	242286.52	241329.76	243135.57	0.97	ppb
Manganese	55-2	973.17	962.89	962.17	966.08	0.64	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2541.90	2527.64	2788.41	2619.32	5.60	ppb
Molybdenum	95-1	2552.23	2538.73	2791.37	2627.44	5.41	ppb
Molybdenum	96-1	2527.29	2529.99	2758.55	2605.28	5.10	ppb
Molybdenum	97-1	2545.83	2543.08	2821.39	2636.77	6.06	ppb
Molybdenum	98-1	2516.89	2540.82	2783.58	2613.76	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.41	467.72	461.50	466.21	0.89	ppb
Phosphorus	31-2	9860.72	9534.93	10567.43	9987.70	5.28	ppb
Potassium	39-2	123156.23	120170.81	118412.73	120579.92	1.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	508.84	453.34	478.67	480.29	5.79	ppb
Selenium	78-2	507.27	514.15	480.34	500.59	3.57	ppb
Selenium	82-1	502.83	505.42	550.99	519.75	5.21	ppb
Silicon	28-1	529.01	514.26	588.88	544.05	7.26	ppb
Silver	109-1	506.81	496.16	548.96	517.31	5.40	ppb
Silver	107-1	506.13	497.86	553.83	519.27	5.82	ppb
Sodium	23-2	239998.37	236890.22	235567.55	237485.38	0.96	ppb
Strontium	86-1	512.17	519.16	566.87	532.73	5.59	ppb
Strontium	88-1	519.47	525.41	576.10	540.33	5.76	ppb
Sulfur	34-1	9473.46	9304.53	11858.15	10212.05	13.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	509.12	509.13	553.71	523.99	4.91	ppb
Thallium	205-1	514.32	511.57	555.92	527.27	4.71	ppb
Tin	118-1	515.23	507.51	560.86	527.87	5.46	ppb
Titanium	47-1	2564.59	2522.00	2808.06	2631.55	5.86	ppb
Uranium	238-1	509.36	511.06	556.26	525.56	5.06	ppb
Vanadium	51-2	490.64	486.98	479.23	485.62	1.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	924.81	915.28	917.07	919.05	0.55	ppb
Zirconium	90-1	509.65	517.64	569.36	532.21	6.09	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.84	501.48	551.03	518.78	5.39	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:34:48	DataFile Name :	036LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.57	7.55	28.91	20.68	55.56	ppb
Antimony	121-1	2.00	2.03	2.04	2.02	1.20	ppb
Arsenic	75-2	1.15	1.03	0.92	1.03	11.13	ppb
Barium	135-1	9.72	9.73	8.96	9.47	4.66	ppb
Barium	137-1	9.63	9.57	9.56	9.59	0.39	ppb
Beryllium	9-1	1.05	1.05	1.04	1.05	0.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.73	24.77	25.30	24.27	5.58	ppb
Boron	11-1	24.65	25.24	25.07	24.99	1.22	ppb
Cadmium	111-1	0.88	0.95	0.88	0.90	4.78	ppb
Cadmium	106-1	-0.12	0.33	-0.45	-0.08		ppb
Cadmium	108-1	0.83	0.64	1.04	0.84	24.28	ppb
Calcium	43-1	446.90	459.85	467.65	458.13	2.29	ppb
Calcium	44-1	446.43	441.41	443.11	443.65	0.57	ppb
Chromium	52-2	2.04	1.93	1.76	1.91	7.27	ppb
Cobalt	59-2	0.98	0.89	0.92	0.93	5.09	ppb
Copper	63-2	2.02	1.78	1.93	1.91	6.33	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.38	47.67	48.15	49.07	4.11	ppb
Iron	57-2	42.40	40.41	41.40	41.40	2.41	ppb
Lead	206-1	0.97	1.00	0.93	0.97	3.58	ppb
Lead	207-1	0.92	0.94	0.94	0.93	1.18	ppb
Lead	208-1	0.95	0.96	0.96	0.95	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	502.72	456.48	484.94	481.38	4.85	ppb
Manganese	55-2	1.18	0.88	1.07	1.04	14.34	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:34:48	DataFile Name :	036LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.70	4.89	4.93	4.84	2.57	ppb
Molybdenum	95-1	4.44	4.89	4.63	4.65	4.89	ppb
Molybdenum	96-1	4.63	4.64	4.59	4.62	0.57	ppb
Molybdenum	97-1	4.48	4.62	4.44	4.51	2.13	ppb
Molybdenum	98-1	4.59	4.87	4.79	4.75	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.85	0.78	0.88	12.69	ppb
Phosphorus	31-2	0.00	27.24	0.00	9.08	173.21	ppb
Potassium	39-2	533.52	506.92	469.73	503.39	6.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.43	-2.17	-2.17	0.03	13498.41	ppb
Selenium	78-2	9.14	-1.17	5.35	4.44	117.47	ppb
Selenium	82-1	4.15	5.70	5.27	5.04	15.82	ppb
Silicon	28-1	8.15	7.36	8.59	8.03	7.74	ppb
Silver	109-1	0.91	1.09	0.98	1.00	8.89	ppb
Silver	107-1	0.99	1.06	0.98	1.01	4.61	ppb
Sodium	23-2	509.38	466.68	479.24	485.10	4.52	ppb
Strontium	86-1	0.97	1.00	0.95	0.97	2.42	ppb
Strontium	88-1	0.95	1.00	0.95	0.97	3.30	ppb
Sulfur	34-1	-773.92	-930.59	-965.92	-890.14		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.88	0.93	0.90	2.64	ppb
Thallium	205-1	0.97	1.01	0.93	0.97	4.57	ppb
Tin	118-1	4.87	4.83	4.70	4.80	1.90	ppb
Titanium	47-1	4.69	4.33	4.35	4.45	4.49	ppb
Uranium	238-1	0.89	0.91	0.89	0.90	1.20	ppb
Vanadium	51-2	4.80	4.81	4.67	4.76	1.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.78	2.35	2.60	2.58	8.45	ppb
Zirconium	90-1	0.98	1.03	1.00	1.00	2.71	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:34:48	DataFile Name :	036LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.05	0.85	0.98	0.96	10.40	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	-3.15	2.51	-0.66		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	17.33	ppb
Arsenic	75-2	0.03	-0.02	0.04	0.02	182.35	ppb
Barium	135-1	0.01	0.04	0.06	0.04	72.08	ppb
Barium	137-1	0.06	0.04	0.03	0.04	30.41	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	92.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.00	1.43	1.83	2.42	57.04	ppb
Boron	11-1	3.66	3.19	3.03	3.29	10.05	ppb
Cadmium	111-1	0.00	-0.05	0.01	-0.01		ppb
Cadmium	106-1	0.00	-0.62	0.32	-0.10		ppb
Cadmium	108-1	0.00	-0.13	0.04	-0.03		ppb
Calcium	43-1	12.25	-9.17	-2.61	0.16	7049.53	ppb
Calcium	44-1	-3.47	-1.67	-2.25	-2.46		ppb
Chromium	52-2	-0.04	-0.07	-0.09	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.03	-0.03	0.00	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.10	2.02	1.36	1.83	22.22	ppb
Iron	57-2	2.73	6.46	0.74	3.31	87.73	ppb
Lead	206-1	0.03	0.01	0.02	0.02	34.00	ppb
Lead	207-1	0.03	0.01	0.01	0.02	76.11	ppb
Lead	208-1	0.03	0.03	0.02	0.03	24.41	ppb
Lithium	6-1						%
Magnesium	24-2	9.34	2.88	5.71	5.98	54.16	ppb
Manganese	55-2	-0.03	0.01	0.01	0.00		ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.06	0.05	0.04	49.16	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	24.67	ppb
Molybdenum	96-1	0.07	0.03	0.08	0.06	48.00	ppb
Molybdenum	97-1	0.02	0.02	0.05	0.03	53.37	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.04	29.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.13	0.05	-0.03		ppb
Phosphorus	31-2	0.00	0.00	28.79	9.60	173.21	ppb
Potassium	39-2	19.67	8.65	27.59	18.64	51.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-2.26	-2.26	1.18	-1.11		ppb
Selenium	82-1	0.03	-0.28	-0.40	-0.22		ppb
Silicon	28-1	-9.73	-5.84	-8.92	-8.16		ppb
Silver	109-1	0.01	0.01	0.00	0.01	79.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.23	ppb
Sodium	23-2	17.23	17.78	25.44	20.15	22.78	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	77.81	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	94.41	ppb
Sulfur	34-1	-1132.03	-866.73	-1017.05	-1005.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.04	0.04	18.92	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	32.79	ppb
Tin	118-1	-0.05	-0.10	-0.09	-0.08		ppb
Titanium	47-1	0.00	0.04	0.00	0.01	144.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	109.45	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.06	-0.16	-0.07		ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	68.03	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.02	0.01	234.82	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.20	22.09	21.64	23.31	10.80	ppb
Antimony	121-1	1.94	2.01	2.12	2.02	4.69	ppb
Arsenic	75-2	0.88	1.03	0.92	0.94	8.11	ppb
Barium	135-1	9.65	9.35	10.15	9.72	4.18	ppb
Barium	137-1	9.46	9.75	10.01	9.74	2.82	ppb
Beryllium	9-1	1.04	0.97	1.09	1.03	6.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.58	23.69	26.15	23.47	11.90	ppb
Boron	11-1	23.50	22.96	25.52	23.99	5.63	ppb
Cadmium	111-1	0.83	0.95	1.03	0.94	10.80	ppb
Cadmium	106-1	-0.49	-0.27	0.83	0.02	3003.34	ppb
Cadmium	108-1	1.26	0.84	0.74	0.94	29.14	ppb
Calcium	43-1	426.81	454.88	443.10	441.60	3.19	ppb
Calcium	44-1	445.28	439.84	478.37	454.50	4.59	ppb
Chromium	52-2	1.85	2.06	2.06	1.99	6.22	ppb
Cobalt	59-2	0.97	0.91	0.98	0.96	4.04	ppb
Copper	63-2	2.05	1.73	1.86	1.88	8.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.74	47.14	47.36	48.08	3.00	ppb
Iron	57-2	49.18	41.93	46.87	45.99	8.05	ppb
Lead	206-1	0.94	0.94	0.97	0.95	1.80	ppb
Lead	207-1	0.91	0.90	1.07	0.96	9.70	ppb
Lead	208-1	0.95	0.94	1.02	0.97	4.66	ppb
Lithium	6-1						%
Magnesium	24-2	444.89	457.33	483.56	461.93	4.27	ppb
Manganese	55-2	1.32	0.99	1.18	1.16	14.32	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.87	4.64	5.23	4.91	6.04	ppb
Molybdenum	95-1	4.64	4.61	4.95	4.74	4.02	ppb
Molybdenum	96-1	4.65	4.57	5.28	4.83	8.07	ppb
Molybdenum	97-1	4.83	4.42	4.95	4.74	5.89	ppb
Molybdenum	98-1	4.60	4.59	5.06	4.75	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.06	0.95	1.05	9.31	ppb
Phosphorus	31-2	0.00	27.54	27.05	18.20	86.61	ppb
Potassium	39-2	521.66	483.49	464.77	489.97	5.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	4.15	4.23	2.07	177.47	ppb
Selenium	78-2	1.03	-0.08	-1.15	-0.06		ppb
Selenium	82-1	5.82	4.49	5.31	5.21	12.93	ppb
Silicon	28-1	8.01	6.94	19.95	11.63	62.12	ppb
Silver	109-1	1.00	1.01	1.08	1.03	4.45	ppb
Silver	107-1	1.01	0.94	1.06	1.01	5.89	ppb
Sodium	23-2	488.29	489.63	472.80	483.57	1.93	ppb
Strontium	86-1	0.98	1.03	1.07	1.03	4.57	ppb
Strontium	88-1	0.99	0.96	1.04	1.00	4.04	ppb
Sulfur	34-1	-858.11	-1018.74	124.51	-584.11		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.01	0.90	1.02	0.98	6.68	ppb
Thallium	205-1	0.98	0.97	1.04	1.00	4.28	ppb
Tin	118-1	4.64	4.82	5.18	4.88	5.64	ppb
Titanium	47-1	4.56	4.79	4.55	4.64	2.96	ppb
Uranium	238-1	0.90	0.89	1.01	0.94	7.33	ppb
Vanadium	51-2	4.79	4.89	4.43	4.70	5.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.59	2.90	2.87	2.78	6.16	ppb
Zirconium	90-1	0.98	0.98	1.08	1.01	5.43	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	0.86	1.01	0.98	11.09	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.73	23.54	22.30	19.52	30.30	ppb
Antimony	121-1	1.94	1.86	1.95	1.91	2.44	ppb
Arsenic	75-2	0.88	0.68	0.86	0.81	13.48	ppb
Barium	135-1	9.67	9.32	9.20	9.40	2.61	ppb
Barium	137-1	9.64	9.61	9.44	9.57	1.12	ppb
Beryllium	9-1	0.96	1.03	0.78	0.92	14.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.52	23.14	25.54	24.73	5.57	ppb
Boron	11-1	21.85	23.92	23.57	23.11	4.79	ppb
Cadmium	111-1	0.72	0.96	0.91	0.86	14.55	ppb
Cadmium	106-1	-1.62	0.49	-0.51	-0.55		ppb
Cadmium	108-1	1.07	1.09	0.79	0.98	16.87	ppb
Calcium	43-1	438.79	460.04	441.63	446.82	2.58	ppb
Calcium	44-1	447.06	437.00	437.28	440.45	1.30	ppb
Chromium	52-2	1.93	1.82	1.87	1.87	3.13	ppb
Cobalt	59-2	0.86	0.84	0.88	0.86	2.30	ppb
Copper	63-2	1.80	1.92	1.86	1.86	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.27	46.52	48.04	46.61	2.98	ppb
Iron	57-2	53.95	49.20	51.38	51.51	4.62	ppb
Lead	206-1	0.93	0.87	0.96	0.92	4.68	ppb
Lead	207-1	0.91	0.92	0.89	0.91	1.67	ppb
Lead	208-1	0.93	0.91	0.92	0.92	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	462.77	449.75	477.82	463.45	3.03	ppb
Manganese	55-2	0.78	0.80	1.42	1.00	36.50	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.48	4.63	4.60	2.36	ppb
Molybdenum	95-1	4.76	4.28	4.56	4.53	5.39	ppb
Molybdenum	96-1	4.62	4.54	4.57	4.58	0.81	ppb
Molybdenum	97-1	4.83	4.38	4.45	4.55	5.31	ppb
Molybdenum	98-1	4.53	4.41	4.50	4.48	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.97	0.81	0.95	14.62	ppb
Phosphorus	31-2	53.94	0.00	0.00	17.98	173.21	ppb
Potassium	39-2	512.55	456.41	452.46	473.81	7.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.49	-2.17	4.18	4.16	152.00	ppb
Selenium	78-2	4.29	2.12	2.13	2.85	43.92	ppb
Selenium	82-1	4.91	5.70	4.98	5.20	8.44	ppb
Silicon	28-1	9.34	9.24	8.79	9.12	3.23	ppb
Silver	109-1	0.98	0.97	1.00	0.98	1.64	ppb
Silver	107-1	1.02	0.94	1.00	0.99	4.12	ppb
Sodium	23-2	468.44	467.30	475.05	470.26	0.89	ppb
Strontium	86-1	0.77	0.78	0.98	0.84	14.56	ppb
Strontium	88-1	0.97	0.95	0.94	0.95	1.48	ppb
Sulfur	34-1	-378.37	-632.01	-656.83	-555.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.97	0.88	0.92	0.92	4.80	ppb
Thallium	205-1	0.91	0.98	0.90	0.93	4.76	ppb
Tin	118-1	4.50	4.57	4.42	4.50	1.76	ppb
Titanium	47-1	4.10	4.73	4.73	4.52	8.02	ppb
Uranium	238-1	0.87	0.86	0.91	0.88	3.01	ppb
Vanadium	51-2	4.16	4.09	4.25	4.17	1.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.06	1.63	1.90	1.87	11.64	ppb
Zirconium	90-1	0.99	0.83	0.99	0.94	10.25	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.98	0.94	0.96	2.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	0.41	-3.15	-1.36		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	42.95	ppb
Arsenic	75-2	-0.02	-0.04	-0.02	-0.03		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.02	0.01	0.01	66.85	ppb
Beryllium	9-1	-0.03	-0.01	0.03	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.38	2.03	2.05	1.82	21.12	ppb
Boron	11-1	2.07	2.82	1.97	2.29	20.18	ppb
Cadmium	111-1	-0.16	-0.03	-0.06	-0.08		ppb
Cadmium	106-1	-2.15	-0.30	-0.69	-1.05		ppb
Cadmium	108-1	0.00	0.01	0.04	0.02	143.88	ppb
Calcium	43-1	1.60	4.01	0.97	2.19	73.24	ppb
Calcium	44-1	-2.15	0.97	-0.83	-0.67		ppb
Chromium	52-2	0.00	-0.12	-0.15	-0.09		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.01	-0.04	-0.01	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.24	0.21	0.56	0.34	57.11	ppb
Iron	57-2	1.13	-0.46	-0.46	0.07	1302.62	ppb
Lead	206-1	0.03	0.01	0.01	0.01	101.25	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.01	0.00	0.01	0.01	38.44	ppb
Lithium	6-1						%
Magnesium	24-2	11.19	6.89	7.63	8.57	26.82	ppb
Manganese	55-2	-0.03	0.05	0.03	0.01	273.68	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.04	0.03	0.01	671.47	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	138.14	ppb
Molybdenum	96-1	0.01	0.02	-0.01	0.01	175.92	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	320.01	ppb
Molybdenum	98-1	-0.01	0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.14	-0.04	-0.11		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	29.88	4.27	4.18	12.77	115.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-1.16	-0.04	-2.26	-1.15		ppb
Selenium	82-1	0.05	0.28	0.31	0.21	68.26	ppb
Silicon	28-1	-3.26	2.64	-2.72	-1.12		ppb
Silver	109-1	0.00	0.00	0.01	0.00	154.35	ppb
Silver	107-1	0.00	0.01	0.01	0.01	62.90	ppb
Sodium	23-2	8.07	8.64	14.03	10.25	32.07	ppb
Strontium	86-1	-0.02	0.02	0.06	0.02	217.74	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-323.12	559.25	-389.11	-50.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	18.00	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	147.52	ppb
Tin	118-1	0.01	0.02	0.04	0.02	91.07	ppb
Titanium	47-1	0.08	-0.09	0.02	0.00	2068.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.42	0.35	0.25	0.34	24.53	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	41.57	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

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

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9401.08	9425.00	9469.68	9431.92	0.37	ppb
Antimony	121-1	516.10	514.02	517.23	515.78	0.32	ppb
Arsenic	75-2	485.33	482.06	483.36	483.58	0.34	ppb
Barium	135-1	2561.53	2608.59	2577.05	2582.39	0.93	ppb
Barium	137-1	2538.83	2553.14	2533.47	2541.81	0.40	ppb
Beryllium	9-1	505.85	503.51	503.97	504.44	0.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	465.51	478.40	491.07	478.33	2.67	ppb
Boron	11-1	472.59	478.70	487.85	479.71	1.60	ppb
Cadmium	111-1	512.00	517.18	517.57	515.58	0.60	ppb
Cadmium	106-1	515.31	511.99	518.17	515.16	0.60	ppb
Cadmium	108-1	511.41	513.92	511.89	512.41	0.26	ppb
Calcium	43-1	48291.01	47891.95	48290.77	48157.91	0.48	ppb
Calcium	44-1	48500.74	47886.63	47569.40	47985.59	0.99	ppb
Chromium	52-2	477.93	482.64	483.78	481.45	0.64	ppb
Cobalt	59-2	475.02	481.57	481.38	479.32	0.78	ppb
Copper	63-2	938.69	950.60	959.21	949.50	1.09	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23992.38	24108.81	24106.39	24069.19	0.28	ppb
Iron	57-2	23403.50	23468.72	23566.67	23479.63	0.35	ppb
Lead	206-1	503.42	505.29	500.91	503.21	0.44	ppb
Lead	207-1	501.25	501.51	505.03	502.60	0.42	ppb
Lead	208-1	501.33	503.34	500.77	501.81	0.27	ppb
Lithium	6-1						%
Magnesium	24-2	47442.12	48137.46	48469.69	48016.42	1.09	ppb
Manganese	55-2	953.58	968.89	965.83	962.77	0.84	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2520.38	2498.71	2519.66	2512.92	0.49	ppb
Molybdenum	95-1	2519.64	2483.68	2501.39	2501.57	0.72	ppb
Molybdenum	96-1	2530.88	2479.78	2500.62	2503.76	1.03	ppb
Molybdenum	97-1	2541.90	2500.86	2523.80	2522.19	0.82	ppb
Molybdenum	98-1	2522.00	2485.04	2517.46	2508.17	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.84	482.00	482.20	477.35	1.72	ppb
Phosphorus	31-2	10529.56	10437.27	9686.53	10217.79	4.53	ppb
Potassium	39-2	23360.16	23862.45	23927.96	23716.86	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	481.30	506.79	486.13	491.40	2.76	ppb
Selenium	78-2	489.44	517.06	513.33	506.61	2.96	ppb
Selenium	82-1	505.99	507.91	507.69	507.19	0.21	ppb
Silicon	28-1	534.38	527.44	523.64	528.49	1.03	ppb
Silver	109-1	519.17	517.25	522.46	519.62	0.51	ppb
Silver	107-1	519.77	529.74	523.87	524.46	0.96	ppb
Sodium	23-2	48564.73	48214.93	49041.29	48606.98	0.85	ppb
Strontium	86-1	503.70	497.69	494.84	498.75	0.91	ppb
Strontium	88-1	501.97	504.46	504.64	503.69	0.30	ppb
Sulfur	34-1	10365.76	9466.11	9534.85	9788.91	5.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.57	505.40	504.12	505.03	0.16	ppb
Thallium	205-1	499.26	504.31	501.88	501.82	0.50	ppb
Tin	118-1	518.95	517.97	520.41	519.11	0.24	ppb
Titanium	47-1	2562.92	2501.40	2516.89	2527.07	1.27	ppb
Uranium	238-1	487.06	492.36	489.59	489.67	0.54	ppb
Vanadium	51-2	476.55	478.75	485.25	480.18	0.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	933.74	941.28	955.93	943.65	1.20	ppb
Zirconium	90-1	506.33	504.79	505.20	505.44	0.16	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.07	492.12	492.14	493.11	0.34	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	-3.15	-3.15	-2.53		ppb
Antimony	121-1	0.31	0.36	0.37	0.35	9.00	ppb
Arsenic	75-2	0.03	-0.02	-0.02	0.00		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	568.41	ppb
Barium	137-1	0.02	0.01	0.02	0.01	54.81	ppb
Beryllium	9-1	0.21	0.25	0.22	0.23	7.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.35	20.20	12.38	16.64	23.80	ppb
Boron	11-1	17.73	17.36	13.64	16.24	13.92	ppb
Cadmium	111-1	-0.04	0.03	-0.06	-0.02		ppb
Cadmium	106-1	-0.65	0.28	-0.75	-0.37		ppb
Cadmium	108-1	-0.09	0.01	-0.13	-0.07		ppb
Calcium	43-1	3.14	9.12	3.44	5.23	64.46	ppb
Calcium	44-1	0.66	4.08	-0.22	1.51	150.59	ppb
Chromium	52-2	0.01	-0.02	-0.04	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.02	-0.02	0.02	-0.01		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.42	0.97	1.21	1.20	18.98	ppb
Iron	57-2	0.15	-0.35	0.73	0.18	305.95	ppb
Lead	206-1	0.05	0.05	0.06	0.05	10.67	ppb
Lead	207-1	0.04	0.04	0.04	0.04	9.92	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.07	ppb
Lithium	6-1						%
Magnesium	24-2	5.92	8.65	4.47	6.35	33.40	ppb
Manganese	55-2	0.01	-0.01	0.03	0.01	149.29	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.19	0.16	0.18	9.41	ppb
Molybdenum	95-1	0.20	0.23	0.18	0.20	13.05	ppb
Molybdenum	96-1	0.20	0.19	0.20	0.19	2.92	ppb
Molybdenum	97-1	0.20	0.20	0.24	0.21	10.57	ppb
Molybdenum	98-1	0.24	0.20	0.20	0.21	11.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.24	-0.15	-0.20		ppb
Phosphorus	31-2	0.00	0.00	28.69	9.56	173.21	ppb
Potassium	39-2	-2.27	34.19	22.03	17.98	103.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	1.13	-1.14	-0.02	-0.01		ppb
Selenium	82-1	0.63	0.51	-0.15	0.33	127.42	ppb
Silicon	28-1	-2.18	5.34	-1.37	0.59	695.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.54	ppb
Silver	107-1	0.01	0.02	0.02	0.02	56.60	ppb
Sodium	23-2	12.08	23.65	21.63	19.12	32.32	ppb
Strontium	86-1	-0.03	0.06	0.00	0.01	345.89	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	334.18	ppb
Sulfur	34-1	-1475.50	-523.90	-1273.55	-1090.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.13	0.10	0.12	13.43	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	6.81	ppb
Tin	118-1	0.05	0.07	0.04	0.05	25.49	ppb
Titanium	47-1	0.01	0.05	-0.01	0.02	208.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	295.94	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.71	0.32	0.52	0.52	37.54	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	28.61	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	231.43	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9512.82	10216.17	9663.78	9797.59	3.78	ppb
Antimony	121-1	514.05	501.86	514.82	510.24	1.42	ppb
Arsenic	75-2	498.61	531.78	489.74	506.71	4.37	ppb
Barium	135-1	2545.70	2504.50	2570.30	2540.16	1.31	ppb
Barium	137-1	2501.79	2502.99	2545.25	2516.68	0.98	ppb
Beryllium	9-1	502.66	498.53	506.86	502.68	0.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	477.45	483.48	491.99	484.31	1.51	ppb
Boron	11-1	475.36	480.93	495.74	484.01	2.18	ppb
Cadmium	111-1	506.54	502.25	510.54	506.44	0.82	ppb
Cadmium	106-1	503.83	507.96	504.73	505.51	0.43	ppb
Cadmium	108-1	516.59	493.48	523.24	511.11	3.06	ppb
Calcium	43-1	47958.87	47394.61	48272.41	47875.30	0.93	ppb
Calcium	44-1	47702.08	47620.02	48048.26	47790.12	0.48	ppb
Chromium	52-2	474.71	516.45	484.77	491.97	4.43	ppb
Cobalt	59-2	473.20	513.70	479.64	488.85	4.45	ppb
Copper	63-2	936.39	1015.52	954.03	968.65	4.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23874.62	25708.12	24103.73	24562.16	4.07	ppb
Iron	57-2	23446.07	25467.96	23698.70	24204.24	4.55	ppb
Lead	206-1	495.52	504.05	505.74	501.77	1.09	ppb
Lead	207-1	490.17	496.22	494.66	493.69	0.64	ppb
Lead	208-1	491.06	501.50	502.57	498.38	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	47205.43	52310.84	47859.19	49125.15	5.66	ppb
Manganese	55-2	952.52	1035.27	964.77	984.18	4.54	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2496.74	2499.44	2521.09	2505.76	0.53	ppb
Molybdenum	95-1	2515.65	2477.83	2548.71	2514.06	1.41	ppb
Molybdenum	96-1	2500.27	2466.28	2502.61	2489.72	0.82	ppb
Molybdenum	97-1	2519.70	2504.25	2546.96	2523.64	0.86	ppb
Molybdenum	98-1	2478.41	2480.67	2519.93	2493.00	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.60	513.16	479.00	488.25	4.47	ppb
Phosphorus	31-2	9081.55	11146.33	9620.44	9949.44	10.76	ppb
Potassium	39-2	23411.97	25568.24	23873.45	24284.55	4.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	414.38	594.31	412.29	473.66	22.06	ppb
Selenium	78-2	527.17	511.22	498.41	512.27	2.81	ppb
Selenium	82-1	498.97	505.88	506.81	503.89	0.85	ppb
Silicon	28-1	515.70	520.91	518.17	518.26	0.50	ppb
Silver	109-1	516.20	516.55	522.83	518.53	0.72	ppb
Silver	107-1	515.93	511.88	518.55	515.45	0.65	ppb
Sodium	23-2	48292.01	52201.79	48091.45	49528.41	4.68	ppb
Strontium	86-1	494.20	494.00	499.74	495.98	0.66	ppb
Strontium	88-1	501.29	498.55	500.26	500.03	0.28	ppb
Sulfur	34-1	9231.09	8881.27	9058.88	9057.08	1.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.63	501.02	503.20	500.29	0.67	ppb
Thallium	205-1	490.17	500.20	501.83	497.40	1.27	ppb
Tin	118-1	506.82	508.12	521.91	512.28	1.63	ppb
Titanium	47-1	2521.61	2524.35	2528.03	2524.66	0.13	ppb
Uranium	238-1	487.21	491.58	493.48	490.76	0.66	ppb
Vanadium	51-2	475.05	519.91	481.37	492.11	4.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	940.51	1022.09	946.14	969.58	4.70	ppb
Zirconium	90-1	503.26	500.96	501.58	501.94	0.24	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.68	492.45	497.30	493.48	0.69	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	-1.27	-1.27	-0.62		ppb
Antimony	121-1	0.37	0.36	0.38	0.37	2.95	ppb
Arsenic	75-2	0.06	-0.02	0.01	0.02	226.49	ppb
Barium	135-1	0.03	0.02	0.00	0.02	111.65	ppb
Barium	137-1	0.02	0.01	0.03	0.02	50.02	ppb
Beryllium	9-1	0.31	0.32	0.14	0.26	38.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.84	17.97	15.63	18.48	16.96	ppb
Boron	11-1	19.90	18.05	14.84	17.59	14.56	ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-0.46	-0.56	-0.49	-0.51		ppb
Cadmium	108-1	0.00	-0.04	-0.09	-0.04		ppb
Calcium	43-1	0.20	-2.91	4.06	0.45	772.10	ppb
Calcium	44-1	2.68	0.11	-1.56	0.41	522.12	ppb
Chromium	52-2	0.04	0.11	-0.05	0.03	238.25	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	264.39	ppb
Copper	63-2	0.08	0.06	0.02	0.05	58.91	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.61	0.95	0.64	1.07	46.45	ppb
Iron	57-2	1.90	1.83	1.28	1.67	20.37	ppb
Lead	206-1	0.04	0.06	0.06	0.05	21.71	ppb
Lead	207-1	0.05	0.09	0.09	0.08	26.73	ppb
Lead	208-1	0.07	0.08	0.07	0.07	3.48	ppb
Lithium	6-1						%
Magnesium	24-2	9.15	6.45	7.26	7.62	18.17	ppb
Manganese	55-2	0.08	0.05	0.03	0.05	39.81	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.21	0.15	0.17	16.51	ppb
Molybdenum	95-1	0.26	0.21	0.21	0.23	12.35	ppb
Molybdenum	96-1	0.31	0.21	0.22	0.25	21.97	ppb
Molybdenum	97-1	0.25	0.21	0.22	0.23	10.00	ppb
Molybdenum	98-1	0.26	0.28	0.19	0.24	20.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.23	-0.25	-0.17		ppb
Phosphorus	31-2	58.47	0.00	0.00	19.49	173.21	ppb
Potassium	39-2	29.50	21.11	0.75	17.12	86.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	4.44	0.03	11444.25	ppb
Selenium	78-2	-2.26	-2.26	-1.12	-1.88		ppb
Selenium	82-1	0.84	-0.58	-0.36	-0.04		ppb
Silicon	28-1	-0.79	-1.28	-3.06	-1.71		ppb
Silver	109-1	0.01	0.02	0.01	0.01	73.89	ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.71	ppb
Sodium	23-2	24.72	16.07	20.92	20.57	21.09	ppb
Strontium	86-1	0.03	0.01	0.01	0.02	77.19	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	71.18	ppb
Sulfur	34-1	-1500.95	-1759.45	-1708.41	-1656.27		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.17	0.13	0.14	17.95	ppb
Thallium	205-1	0.14	0.12	0.12	0.13	10.35	ppb
Tin	118-1	0.08	0.04	0.04	0.05	46.43	ppb
Titanium	47-1	0.07	-0.02	0.08	0.04	135.06	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	68.77	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.28	0.42	0.28	46.41	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	37.37	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	80.24	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9602.12	9601.03	9425.44	9542.87	1.07	ppb
Antimony	121-1	517.31	515.54	547.77	526.87	3.44	ppb
Arsenic	75-2	487.57	479.97	484.34	483.96	0.79	ppb
Barium	135-1	2579.10	2584.62	2754.13	2639.28	3.77	ppb
Barium	137-1	2540.48	2546.87	2706.06	2597.80	3.61	ppb
Beryllium	9-1	504.01	506.36	538.86	516.41	3.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	481.68	498.15	534.00	504.61	5.30	ppb
Boron	11-1	479.02	489.11	535.94	501.36	6.06	ppb
Cadmium	111-1	511.43	511.75	546.86	523.35	3.89	ppb
Cadmium	106-1	505.09	503.37	544.60	517.68	4.51	ppb
Cadmium	108-1	509.44	520.10	542.79	524.11	3.25	ppb
Calcium	43-1	48145.18	48627.00	51493.87	49422.02	3.66	ppb
Calcium	44-1	47932.22	48953.60	51447.41	49444.41	3.66	ppb
Chromium	52-2	485.08	485.32	485.08	485.16	0.03	ppb
Cobalt	59-2	482.15	486.09	484.24	484.16	0.41	ppb
Copper	63-2	957.66	965.26	960.65	961.19	0.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24251.37	24551.50	24144.30	24315.72	0.87	ppb
Iron	57-2	23638.88	23996.45	23987.85	23874.40	0.85	ppb
Lead	206-1	502.57	499.84	531.64	511.35	3.45	ppb
Lead	207-1	502.51	495.13	534.29	510.64	4.08	ppb
Lead	208-1	501.84	498.74	532.09	510.89	3.61	ppb
Lithium	6-1						%
Magnesium	24-2	48275.87	48686.78	48220.11	48394.25	0.53	ppb
Manganese	55-2	974.52	976.60	964.75	971.96	0.65	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2507.50	2501.72	2697.72	2568.98	4.34	ppb
Molybdenum	95-1	2506.40	2489.57	2724.42	2573.46	5.09	ppb
Molybdenum	96-1	2509.35	2467.87	2695.80	2557.68	4.75	ppb
Molybdenum	97-1	2504.92	2520.94	2719.72	2581.86	4.63	ppb
Molybdenum	98-1	2503.53	2475.09	2714.40	2564.34	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.93	484.47	479.55	480.31	0.80	ppb
Phosphorus	31-2	9644.15	8809.87	9081.22	9178.41	4.64	ppb
Potassium	39-2	24154.62	24135.36	24007.86	24099.28	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	515.68	418.83	486.91	473.80	10.50	ppb
Selenium	78-2	491.50	498.49	480.52	490.17	1.85	ppb
Selenium	82-1	503.83	506.78	553.38	521.33	5.33	ppb
Silicon	28-1	529.79	538.05	568.14	545.33	3.70	ppb
Silver	109-1	519.80	520.83	555.70	532.11	3.84	ppb
Silver	107-1	522.44	530.05	550.60	534.36	2.73	ppb
Sodium	23-2	48933.51	48947.90	48745.95	48875.79	0.23	ppb
Strontium	86-1	500.18	499.00	539.62	512.93	4.51	ppb
Strontium	88-1	504.53	503.59	543.61	517.24	4.41	ppb
Sulfur	34-1	8976.02	9316.24	10769.42	9687.23	9.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.26	508.34	533.28	513.29	3.51	ppb
Thallium	205-1	497.04	501.69	529.19	509.31	3.41	ppb
Tin	118-1	510.93	520.94	544.45	525.44	3.27	ppb
Titanium	47-1	2556.10	2569.59	2703.47	2609.72	3.12	ppb
Uranium	238-1	487.25	490.41	524.46	500.71	4.12	ppb
Vanadium	51-2	484.29	488.96	485.82	486.36	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	951.90	959.43	955.56	955.63	0.39	ppb
Zirconium	90-1	507.22	496.37	538.67	514.09	4.27	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.70	491.33	534.41	507.15	4.68	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46881.31	50616.83	46190.95	47896.36	4.97	ppb
Antimony	121-1	496.61	492.67	506.17	498.49	1.39	ppb
Arsenic	75-2	474.19	515.82	474.02	488.01	4.94	ppb
Barium	135-1	2523.59	2507.49	2550.35	2527.14	0.86	ppb
Barium	137-1	2484.63	2464.96	2479.76	2476.45	0.41	ppb
Beryllium	9-1	510.93	511.70	509.16	510.60	0.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	514.39	518.30	511.83	514.84	0.63	ppb
Boron	11-1	496.95	503.90	514.22	505.02	1.72	ppb
Cadmium	111-1	485.01	479.73	486.26	483.66	0.72	ppb
Cadmium	106-1	494.17	482.53	481.91	486.20	1.42	ppb
Cadmium	108-1	487.01	486.46	494.32	489.26	0.90	ppb
Calcium	43-1	235229.31	237719.80	233421.65	235456.92	0.92	ppb
Calcium	44-1	230911.35	231265.27	230894.18	231023.60	0.09	ppb
Chromium	52-2	477.59	517.18	475.69	490.15	4.78	ppb
Cobalt	59-2	461.55	495.87	457.86	471.76	4.44	ppb
Copper	63-2	1059.33	1132.03	1039.26	1076.88	4.53	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	115415.46	124270.32	113441.45	117709.08	4.90	ppb
Iron	57-2	112809.87	121728.85	111691.01	115409.91	4.77	ppb
Lead	206-1	490.02	498.63	492.16	493.60	0.91	ppb
Lead	207-1	496.36	496.09	493.32	495.25	0.34	ppb
Lead	208-1	493.12	497.29	493.19	494.53	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	236957.10	254378.99	234353.85	241896.65	4.50	ppb
Manganese	55-2	945.26	1014.95	940.87	967.03	4.30	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2445.16	2452.28	2447.58	2448.34	0.15	ppb
Molybdenum	95-1	2459.38	2462.86	2466.05	2462.76	0.14	ppb
Molybdenum	96-1	2458.27	2443.56	2442.75	2448.19	0.36	ppb
Molybdenum	97-1	2456.35	2447.99	2477.15	2460.50	0.61	ppb
Molybdenum	98-1	2434.90	2476.70	2459.32	2456.97	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.25	493.02	458.56	469.94	4.25	ppb
Phosphorus	31-2	9852.35	10239.90	10301.63	10131.29	2.40	ppb
Potassium	39-2	118111.52	126517.43	115849.16	120159.37	4.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	371.62	451.71	403.48	408.94	9.86	ppb
Selenium	78-2	473.34	502.78	493.24	489.79	3.07	ppb
Selenium	82-1	483.05	485.35	489.18	485.86	0.64	ppb
Silicon	28-1	512.35	513.17	511.77	512.43	0.14	ppb
Silver	109-1	493.47	486.06	494.98	491.51	0.97	ppb
Silver	107-1	497.26	485.07	497.87	493.40	1.46	ppb
Sodium	23-2	235384.05	250665.38	231584.88	239211.44	4.22	ppb
Strontium	86-1	497.87	499.88	501.54	499.76	0.37	ppb
Strontium	88-1	502.75	503.19	506.30	504.08	0.38	ppb
Sulfur	34-1	9013.00	9256.54	9039.93	9103.16	1.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.96	502.02	501.65	500.54	0.45	ppb
Thallium	205-1	492.56	503.35	501.69	499.20	1.16	ppb
Tin	118-1	498.61	499.27	505.34	501.07	0.74	ppb
Titanium	47-1	2470.69	2450.79	2474.96	2465.48	0.52	ppb
Uranium	238-1	492.35	494.19	493.88	493.47	0.20	ppb
Vanadium	51-2	478.34	513.80	472.91	488.35	4.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1047.34	1138.84	1043.59	1076.59	5.01	ppb
Zirconium	90-1	494.28	496.54	501.72	497.51	0.77	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.40	481.52	487.11	484.67	0.59	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:34:27	DataFile Name :	048LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.81	18.45	14.70	18.99	24.13	ppb
Antimony	121-1	2.06	2.17	2.15	2.13	2.76	ppb
Arsenic	75-2	0.96	0.88	0.73	0.86	13.44	ppb
Barium	135-1	9.57	9.58	10.04	9.73	2.75	ppb
Barium	137-1	9.59	9.92	9.70	9.74	1.76	ppb
Beryllium	9-1	0.98	1.03	1.03	1.01	3.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.73	25.28	25.54	25.18	1.65	ppb
Boron	11-1	25.98	26.60	27.59	26.72	3.03	ppb
Cadmium	111-1	1.01	0.94	0.93	0.96	4.47	ppb
Cadmium	106-1	1.03	-0.37	-0.56	0.03	2665.17	ppb
Cadmium	108-1	1.06	0.99	0.84	0.96	11.71	ppb
Calcium	43-1	458.46	482.39	493.29	478.04	3.73	ppb
Calcium	44-1	441.48	449.68	477.03	456.06	4.08	ppb
Chromium	52-2	1.78	1.88	1.69	1.78	5.15	ppb
Cobalt	59-2	0.92	0.90	0.87	0.90	3.19	ppb
Copper	63-2	1.75	1.85	1.77	1.79	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.04	48.09	45.94	47.02	2.29	ppb
Iron	57-2	59.75	54.55	38.87	51.06	21.29	ppb
Lead	206-1	0.90	1.00	1.03	0.98	6.67	ppb
Lead	207-1	0.97	0.86	1.07	0.97	10.46	ppb
Lead	208-1	0.95	0.94	1.04	0.98	5.57	ppb
Lithium	6-1						%
Magnesium	24-2	496.36	485.55	437.87	473.26	6.58	ppb
Manganese	55-2	1.06	1.14	1.13	1.11	3.82	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:34:27	DataFile Name :	048LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.62	4.58	5.11	4.77	6.19	ppb
Molybdenum	95-1	4.55	4.54	4.88	4.66	4.20	ppb
Molybdenum	96-1	4.51	4.83	4.81	4.72	3.79	ppb
Molybdenum	97-1	4.57	4.89	5.04	4.83	4.91	ppb
Molybdenum	98-1	4.51	4.68	4.93	4.71	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.75	0.80	0.80	5.89	ppb
Phosphorus	31-2	0.00	0.00	27.26	9.09	173.21	ppb
Potassium	39-2	512.07	500.70	512.77	508.51	1.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	10.50	10.56	10.49	10.52	0.37	ppb
Selenium	78-2	9.77	4.33	2.11	5.40	72.87	ppb
Selenium	82-1	4.43	4.55	5.57	4.85	12.94	ppb
Silicon	28-1	6.61	7.82	14.50	9.64	44.10	ppb
Silver	109-1	1.08	1.06	1.04	1.06	1.81	ppb
Silver	107-1	1.05	1.08	0.99	1.04	4.21	ppb
Sodium	23-2	475.02	463.25	480.94	473.07	1.90	ppb
Strontium	86-1	1.06	0.91	1.10	1.02	9.72	ppb
Strontium	88-1	0.95	0.95	1.03	0.98	4.79	ppb
Sulfur	34-1	-734.53	-745.83	-95.22	-525.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.96	1.06	0.98	6.71	ppb
Thallium	205-1	0.96	1.01	0.97	0.98	2.68	ppb
Tin	118-1	4.54	4.85	4.82	4.74	3.55	ppb
Titanium	47-1	4.46	4.14	4.43	4.34	4.15	ppb
Uranium	238-1	0.95	0.92	0.94	0.93	1.47	ppb
Vanadium	51-2	4.73	4.75	4.53	4.67	2.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.88	2.01	2.06	1.98	4.66	ppb
Zirconium	90-1	0.94	0.96	1.06	0.99	6.13	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:34:27	DataFile Name :	048LCSE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	0.93	1.03	0.99	5.36	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.15	-3.15	-1.36	-2.55		ppb
Antimony	121-1	0.05	0.05	0.04	0.05	14.70	ppb
Arsenic	75-2	-0.04	0.01	0.08	0.02	408.63	ppb
Barium	135-1	0.02	-0.03	-0.01	-0.01		ppb
Barium	137-1	0.03	0.01	0.01	0.02	43.71	ppb
Beryllium	9-1	0.07	0.11	0.14	0.10	33.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.00	3.60	3.35	3.65	9.00	ppb
Boron	11-1	4.68	4.20	4.31	4.40	5.73	ppb
Cadmium	111-1	-0.10	-0.13	-0.08	-0.10		ppb
Cadmium	106-1	-1.38	-1.74	-1.01	-1.38		ppb
Cadmium	108-1	-0.04	-0.13	0.30	0.04	541.61	ppb
Calcium	43-1	-5.33	-13.56	-4.83	-7.91		ppb
Calcium	44-1	-4.08	-3.35	-3.73	-3.72		ppb
Chromium	52-2	-0.10	0.06	-0.10	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	230.25	ppb
Copper	63-2	-0.04	-0.02	0.00	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.94	0.86	0.93	0.91	4.52	ppb
Iron	57-2	1.11	-0.46	4.80	1.82	148.51	ppb
Lead	206-1	0.02	0.02	0.01	0.02	34.86	ppb
Lead	207-1	0.04	0.01	0.04	0.03	51.89	ppb
Lead	208-1	0.04	0.03	0.03	0.03	15.69	ppb
Lithium	6-1						%
Magnesium	24-2	5.01	3.13	6.20	4.78	32.37	ppb
Manganese	55-2	0.05	-0.01	0.03	0.02	139.44	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	70.83	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	10.11	ppb
Molybdenum	97-1	0.02	-0.01	0.02	0.01	147.65	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	76.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.25	-0.21	-0.20		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	5.03	52.99	15.88	24.63	102.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.17	-2.17	-2.17	-2.17		ppb
Selenium	78-2	-0.07	-1.16	-0.06	-0.43		ppb
Selenium	82-1	0.27	0.47	-0.18	0.19	176.82	ppb
Silicon	28-1	-8.19	-8.25	-8.24	-8.23		ppb
Silver	109-1	0.01	0.00	0.01	0.01	68.96	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.90	ppb
Sodium	23-2	13.04	13.21	23.74	16.66	36.80	ppb
Strontium	86-1	-0.01	0.06	-0.02	0.01	462.26	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	171.13	ppb
Sulfur	34-1	-585.26	-852.74	-676.36	-704.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.04	0.03	19.46	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	26.43	ppb
Tin	118-1	-0.06	-0.05	-0.04	-0.05		ppb
Titanium	47-1	-0.02	-0.07	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	0.00	0.03	0.00		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	55.42	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.01	0.00	637.44	ppb

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	150	92	75	106	37.31	cps
Arsenic	75-2	0	4	6	3	91.69	cps
Barium	135-1	33	58	42	44	28.65	cps
Barium	137-1	50	58	33	47	26.97	cps
Beryllium	9-1	161	128	178	156	16.37	cps
Bismuth	209-1	4990241	4989972	4996914	4992375	0.08	cps
Bismuth	209-2	1308441	1322175	1320449	1317022	0.57	cps
Boron	10-1	300	275	233	269	12.50	cps
Boron	11-1	1033	925	1025	995	6.06	cps
Cadmium	111-1	830	897	928	885	5.66	cps
Cadmium	106-1	1183	1258	1292	1245	4.46	cps
Cadmium	108-1	4	25	8	13	88.19	cps
Calcium	43-1	500	642	775	639	21.53	cps
Calcium	44-1	11755	11439	11288	11494	2.07	cps
Chromium	52-2	233	243	273	250	8.33	cps
Cobalt	59-2	60	67	27	51	41.93	cps
Copper	63-2	147	113	180	147	22.72	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	25	0	33	19	89.21	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	7855338	7679813	7787470	7774207	1.14	cps
Holmium	165-2	1680007	1676778	1684506	1680430	0.23	cps
Indium	115-1	6441316	6380066	6435717	6419033	0.53	cps
Indium	115-2	266194	267268	264806	266089	0.46	cps
Iron	56-2	828	1028	1039	965	12.31	cps
Iron	57-2	17	28	17	20	31.48	cps
Lead	206-1	361	272	278	304	16.40	cps
Lead	207-1	239	261	311	270	13.68	cps
Lead	208-1	1150	1145	1106	1133	2.14	cps
Lithium	6-1	1273507	1248087	1259021	1260205	1.01	cps
Magnesium	24-2	217	133	92	147	43.23	cps
Manganese	55-2	13	17	13	14	13.35	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	150	192	169	12.38	cps
Molybdenum	95-1	75	50	50	58	24.74	cps
Molybdenum	96-1	75	75	75	75	0.00	cps
Molybdenum	97-1	92	33	33	53	63.82	cps
Molybdenum	98-1	75	83	92	83	10.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	303	257	273	9.52	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1809	1759	1717	1761	2.61	cps
Rhodium	103-1	5940736	5897567	5855368	5897890	0.72	cps
Rhodium	103-2	1537008	1538258	1546355	1540540	0.33	cps
Scandium	45-1	3707126	3685409	3668005	3686847	0.53	cps
Scandium	45-2	26949	27240	27654	27281	1.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-3	-39	-35	-26	-75.83	cps
Silicon	28-1	362080	362150	358481	360903	0.58	cps
Silver	109-1	67	83	100	83	20.00	cps
Silver	107-1	42	83	75	67	33.07	cps
Sodium	23-2	4759	4976	5068	4934	3.21	cps
Strontium	86-1	350	417	408	392	9.28	cps
Strontium	88-1	100	108	167	125	29.06	cps
Sulfur	34-1	334339	338932	334716	335996	0.76	cps
Terbium	159-1	8142721	7980413	8027351	8050162	1.04	cps
Terbium	159-2	1621515	1559447	1553947	1578303	2.38	cps
Thallium	203-1	108	108	83	100	14.43	cps
Thallium	205-1	250	292	358	300	18.22	cps
Tin	118-1	650	850	1596	1032	48.30	cps
Titanium	47-1	133	117	133	128	7.53	cps
Uranium	238-1	75	100	83	86	14.78	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	6664352	6583638	6614997	6620996	0.61	cps
Yttrium	89-2	198115	196803	196898	197272	0.37	cps
Zinc	66-2	37	7	33	26	64.33	cps
Zirconium	90-1	383	342	283	336	14.95	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 14:57:56	DataFile Name :	004CALB_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	83	83	86	5.58	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	100	125	17.64	cps
Antimony	121-1	11989	12398	12782	12390	3.20	cps
Arsenic	75-2	67	83	80	77	11.43	cps
Barium	135-1	12865	13207	13399	13157	2.06	cps
Barium	137-1	22804	22570	22512	22629	0.68	cps
Beryllium	9-1	1183	1033	1078	1098	7.02	cps
Bismuth	209-1	4904050	4970860	4801185	4892032	1.75	cps
Bismuth	209-2	1312724	1301923	1313724	1309457	0.50	cps
Boron	10-1	2642	2450	2492	2528	3.99	cps
Boron	11-1	11597	11563	11964	11708	1.90	cps
Cadmium	111-1	2348	2021	2068	2145	8.24	cps
Cadmium	106-1	1508	1258	1242	1336	11.18	cps
Cadmium	108-1	83	104	121	103	18.28	cps
Calcium	43-1	7903	6910	7135	7316	7.11	cps
Calcium	44-1	116622	116903	119731	117752	1.46	cps
Chromium	52-2	1473	1320	1370	1388	5.63	cps
Cobalt	59-2	1187	1157	1227	1190	2.95	cps
Copper	63-2	2180	2160	2284	2208	3.00	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	7637144	7505917	7431532	7524864	1.38	cps
Holmium	165-2	1623925	1607458	1637641	1623008	0.93	cps
Indium	115-1	6354460	6313414	6179659	6282511	1.45	cps
Indium	115-2	268773	264189	266227	266396	0.86	cps
Iron	56-2	19230	18641	18485	18785	2.09	cps
Iron	57-2	567	444	400	470	18.35	cps
Lead	206-1	3940	4673	4318	4310	8.51	cps
Lead	207-1	3923	3678	3467	3690	6.18	cps
Lead	208-1	17000	17205	16599	16935	1.82	cps
Lithium	6-1	1258981	1251260	1226617	1245620	1.36	cps
Magnesium	24-2	9887	9237	9729	9618	3.53	cps
Manganese	55-2	187	183	113	161	25.70	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10638	10771	10947	10785	1.43	cps
Molybdenum	95-1	12940	11989	12773	12568	4.04	cps
Molybdenum	96-1	14050	14133	14725	14303	2.58	cps
Molybdenum	97-1	8019	7711	7911	7880	1.99	cps
Molybdenum	98-1	20274	20975	20349	20533	1.87	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	667	637	673	659	2.96	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7044	6852	6594	6830	3.31	cps
Rhodium	103-1	5823832	5834586	5686050	5781489	1.43	cps
Rhodium	103-2	1539683	1532897	1510309	1527630	1.01	cps
Scandium	45-1	3608050	3543429	3512912	3554797	1.37	cps
Scandium	45-2	26789	27133	26726	26883	0.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	13	4	10	54.15	cps
Selenium	82-1	421	359	396	392	7.96	cps
Silicon	28-1	403252	399896	405256	402801	0.67	cps
Silver	109-1	6043	6444	6385	6291	3.44	cps
Silver	107-1	6852	6435	7152	6813	5.28	cps
Sodium	23-2	27185	26985	27210	27127	0.46	cps
Strontium	86-1	2217	2092	1909	2072	7.48	cps
Strontium	88-1	14842	14600	14558	14667	1.04	cps
Sulfur	34-1	336597	336770	337390	336919	0.12	cps
Terbium	159-1	7916377	7897045	7785684	7866369	0.90	cps
Terbium	159-2	1580522	1535390	1549055	1554989	1.49	cps
Thallium	203-1	5176	4976	5093	5082	1.98	cps
Thallium	205-1	11764	11506	11964	11745	1.96	cps
Tin	118-1	21819	21894	21527	21746	0.89	cps
Titanium	47-1	3601	3384	3542	3509	3.20	cps
Uranium	238-1	14359	14768	15385	14837	3.48	cps
Vanadium	51-2	1970	2137	2074	2060	4.08	cps
Yttrium	89-1	6621032	6492200	6376683	6496638	1.88	cps
Yttrium	89-2	196454	195923	196735	196371	0.21	cps
Zinc	66-2	213	160	207	193	15.03	cps
Zirconium	90-1	9687	9771	9095	9518	3.87	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:04:53	DataFile Name :	006CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2059	2017	2250	2109	5.90	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4109	4701	4142	4318	7.70	cps
Antimony	121-1	333978	331167	334643	333262	0.55	cps
Arsenic	75-2	3465	3630	3602	3566	2.48	cps
Barium	135-1	352661	352295	351614	352190	0.15	cps
Barium	137-1	613289	613110	614393	613597	0.11	cps
Beryllium	9-1	46442	45283	45539	45755	1.33	cps
Bismuth	209-1	4984208	4854472	4738701	4859127	2.53	cps
Bismuth	209-2	1318388	1318615	1319892	1318965	0.06	cps
Boron	10-1	5351	4968	5368	5229	4.33	cps
Boron	11-1	23320	23929	24029	23759	1.62	cps
Cadmium	111-1	71335	71953	71316	71535	0.51	cps
Cadmium	106-1	8478	8595	8445	8506	0.93	cps
Cadmium	108-1	5030	4880	4989	4966	1.56	cps
Calcium	43-1	72588	71181	71591	71787	1.01	cps
Calcium	44-1	1179752	1175201	1179171	1178041	0.21	cps
Chromium	52-2	28619	28449	28005	28358	1.12	cps
Cobalt	59-2	61462	62195	62114	61924	0.65	cps
Copper	63-2	108523	107475	107156	107718	0.66	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	50	67	17	44	57.28	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	7634981	7454954	7255613	7448516	2.55	cps
Holmium	165-2	1637252	1644317	1611791	1631120	1.05	cps
Indium	115-1	6297873	6157514	6087373	6180920	1.73	cps
Indium	115-2	265895	267510	263310	265572	0.80	cps
Iron	56-2	952287	961762	948606	954218	0.71	cps
Iron	57-2	24155	24361	24121	24212	0.54	cps
Lead	206-1	204621	206531	205842	205665	0.47	cps
Lead	207-1	188051	186821	187733	187535	0.34	cps
Lead	208-1	837689	840381	841754	839942	0.25	cps
Lithium	6-1	1262794	1232077	1208446	1234439	2.21	cps
Magnesium	24-2	101074	102971	101419	101821	0.99	cps
Manganese	55-2	16857	16350	15699	16302	3.56	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	565266	568089	566849	566735	0.25	cps
Molybdenum	95-1	693853	700017	696847	696906	0.44	cps
Molybdenum	96-1	768803	769521	759361	765895	0.74	cps
Molybdenum	97-1	429796	434386	433760	432647	0.58	cps
Molybdenum	98-1	1115069	1106305	1116026	1112467	0.48	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	18336	18252	18296	18294	0.23	cps
Phosphorus	31-2	342	333	317	331	3.85	cps
Potassium	39-2	30166	29941	29657	29922	0.85	cps
Rhodium	103-1	5802728	5690844	5525822	5673131	2.46	cps
Rhodium	103-2	1508092	1515595	1524672	1516119	0.55	cps
Scandium	45-1	3557243	3495409	3401455	3484702	2.25	cps
Scandium	45-2	27176	27868	26923	27322	1.79	cps
Selenium	77-2	27	23	20	23	14.29	cps
Selenium	78-2	93	74	57	75	23.56	cps
Selenium	82-1	4147	4571	4488	4402	5.10	cps
Silicon	28-1	521741	516515	517321	518525	0.54	cps
Silver	109-1	330505	330988	330639	330710	0.08	cps
Silver	107-1	346379	345510	344900	345596	0.22	cps
Sodium	23-2	238347	240695	238703	239248	0.53	cps
Strontium	86-1	90918	90013	89720	90217	0.69	cps
Strontium	88-1	781987	777015	781755	780252	0.36	cps
Sulfur	34-1	355148	355332	356676	355718	0.23	cps
Terbium	159-1	8080962	7707956	7627469	7805462	3.10	cps
Terbium	159-2	1562943	1564714	1556286	1561314	0.28	cps
Thallium	203-1	251547	253679	255431	253552	0.77	cps
Thallium	205-1	603121	595876	607443	602147	0.97	cps
Tin	118-1	229911	229326	234684	231307	1.27	cps
Titanium	47-1	180117	182086	179276	180493	0.80	cps
Uranium	238-1	798061	802018	803101	801060	0.33	cps
Vanadium	51-2	21754	21260	21313	21442	1.26	cps
Yttrium	89-1	6559354	6377996	6218325	6385225	2.67	cps
Yttrium	89-2	196173	196435	193563	195390	0.81	cps
Zinc	66-2	13764	13991	13884	13879	0.82	cps
Zirconium	90-1	471545	474212	473924	473227	0.31	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:08:23	DataFile Name :	007CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	105323	105314	104198	104945	0.62	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 15:11:54 DataFile Name : 008CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11038	10196	10596	10610	3.97	cps
Antimony	121-1	838443	836146	833310	835966	0.31	cps
Arsenic	75-2	8682	8669	8642	8665	0.24	cps
Barium	135-1	887819	893006	887833	889553	0.34	cps
Barium	137-1	1533435	1558325	1536378	1542713	0.88	cps
Beryllium	9-1	114479	113572	113931	113994	0.40	cps
Bismuth	209-1	5010125	5028252	5048751	5029043	0.38	cps
Bismuth	209-2	1316092	1318835	1313632	1316187	0.20	cps
Boron	10-1	12781	13090	12815	12895	1.31	cps
Boron	11-1	57415	59474	60193	59027	2.44	cps
Cadmium	111-1	178295	179482	177202	178326	0.64	cps
Cadmium	106-1	20224	19615	19891	19910	1.53	cps
Cadmium	108-1	13044	12664	12861	12856	1.48	cps
Calcium	43-1	177652	177898	177138	177563	0.22	cps
Calcium	44-1	2918004	2920392	2900791	2913062	0.37	cps
Chromium	52-2	69837	69793	69458	69696	0.30	cps
Cobalt	59-2	152335	152645	152264	152415	0.13	cps
Copper	63-2	267872	266657	264442	266324	0.65	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	75	42	25	47	53.91	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	7663511	7772729	7709485	7715242	0.71	cps
Holmium	165-2	1637380	1626426	1623382	1629063	0.45	cps
Indium	115-1	6239537	6327427	6296971	6287978	0.71	cps
Indium	115-2	262686	261232	262641	262186	0.32	cps
Iron	56-2	2405008	2380952	2376970	2387643	0.64	cps
Iron	57-2	59499	58551	58551	58867	0.93	cps
Lead	206-1	523531	521033	522688	522417	0.24	cps
Lead	207-1	469220	474919	476863	473667	0.84	cps
Lead	208-1	2116585	2128702	2132188	2125825	0.39	cps
Lithium	6-1	1255541	1264620	1257416	1259192	0.38	cps
Magnesium	24-2	251283	249644	250597	250508	0.33	cps
Manganese	55-2	40061	40408	40773	40414	0.88	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1446078	1425316	1424635	1432010	0.85	cps
Molybdenum	95-1	1764420	1780029	1783027	1775825	0.56	cps
Molybdenum	96-1	1959978	1930110	1965993	1952027	0.98	cps
Molybdenum	97-1	1068618	1078234	1083779	1076877	0.71	cps
Molybdenum	98-1	2807284	2819626	2848071	2824994	0.74	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	45120	45110	44227	44819	1.14	cps
Phosphorus	31-2	633	750	700	694	8.43	cps
Potassium	39-2	69313	71247	72420	70994	2.21	cps
Rhodium	103-1	5738053	5776912	5751013	5755326	0.34	cps
Rhodium	103-2	1493023	1483237	1488619	1488293	0.33	cps
Scandium	45-1	3549471	3575889	3558402	3561254	0.38	cps
Scandium	45-2	26465	26412	26812	26563	0.82	cps
Selenium	77-2	63	73	93	77	19.93	cps
Selenium	78-2	196	167	200	188	9.74	cps
Selenium	82-1	10938	10893	10883	10905	0.27	cps
Silicon	28-1	740772	745679	758745	748399	1.24	cps
Silver	109-1	827400	830580	836487	831489	0.55	cps
Silver	107-1	865773	868070	868385	867409	0.16	cps
Sodium	23-2	584588	589292	595411	589764	0.92	cps
Strontium	86-1	222848	223970	224124	223647	0.31	cps
Strontium	88-1	1963137	1977175	1977626	1972646	0.42	cps
Sulfur	34-1	383599	380116	380269	381328	0.52	cps
Terbium	159-1	7958081	8030152	7885374	7957869	0.91	cps
Terbium	159-2	1556549	1561243	1566197	1561330	0.31	cps
Thallium	203-1	641814	642656	649860	644777	0.69	cps
Thallium	205-1	1534891	1541717	1541145	1539251	0.25	cps
Tin	118-1	576888	584263	582231	581127	0.66	cps
Titanium	47-1	451196	450545	450776	450839	0.07	cps
Uranium	238-1	2051846	2084645	2063402	2066631	0.81	cps
Vanadium	51-2	52281	52712	52679	52557	0.46	cps
Yttrium	89-1	6588510	6606152	6477972	6557545	1.06	cps
Yttrium	89-2	193730	193712	195085	194175	0.41	cps
Zinc	66-2	23964	23781	23537	23761	0.90	cps
Zirconium	90-1	1182517	1193237	1191573	1189109	0.49	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:11:54	DataFile Name :	008CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	262307	263228	262062	262532	0.23	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 15:15:19 DataFile Name : 009CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21551	21091	20666	21103	2.10	cps
Antimony	121-1	1722524	1695329	1708321	1708725	0.80	cps
Arsenic	75-2	16914	17164	16907	16995	0.86	cps
Barium	135-1	1798737	1805606	1809015	1804453	0.29	cps
Barium	137-1	3170444	3121113	3107280	3132945	1.06	cps
Beryllium	9-1	223383	220952	222635	222323	0.56	cps
Bismuth	209-1	5028264	5081051	5175324	5094880	1.46	cps
Bismuth	209-2	1316960	1319714	1310396	1315690	0.36	cps
Boron	10-1	24388	25523	25448	25120	2.53	cps
Boron	11-1	113093	113730	117167	114663	1.91	cps
Cadmium	111-1	354629	357551	354742	355641	0.47	cps
Cadmium	106-1	37320	38105	37787	37737	1.05	cps
Cadmium	108-1	24948	25157	25320	25142	0.74	cps
Calcium	43-1	355674	355122	354861	355219	0.12	cps
Calcium	44-1	5759449	5678335	5727987	5721923	0.71	cps
Chromium	52-2	138568	138130	137510	138069	0.38	cps
Cobalt	59-2	302190	301583	300671	301481	0.25	cps
Copper	63-2	523498	526897	522194	524196	0.46	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	7717343	7829616	7896457	7814472	1.16	cps
Holmium	165-2	1655570	1637043	1614017	1635543	1.27	cps
Indium	115-1	6270109	6448628	6305939	6341559	1.49	cps
Indium	115-2	262453	261810	258519	260927	0.81	cps
Iron	56-2	4658636	4683816	4637807	4660087	0.49	cps
Iron	57-2	116505	116589	116443	116512	0.06	cps
Lead	206-1	1052181	1047336	1052798	1050772	0.28	cps
Lead	207-1	957376	957123	963098	959199	0.35	cps
Lead	208-1	4348060	4324761	4364820	4345880	0.46	cps
Lithium	6-1	1258908	1253261	1243828	1251999	0.61	cps
Magnesium	24-2	495776	493188	489544	492836	0.64	cps
Manganese	55-2	79491	79816	78717	79341	0.71	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2868215	2893485	2870648	2877449	0.48	cps
Molybdenum	95-1	3522665	3559512	3531833	3538003	0.54	cps
Molybdenum	96-1	3884562	3899231	3910493	3898095	0.33	cps
Molybdenum	97-1	2203428	2218470	2198522	2206807	0.47	cps
Molybdenum	98-1	5639440	5622747	5609627	5623938	0.27	cps
Neodymium	150-1	67	73	47	62	22.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	88499	89213	89441	89051	0.55	cps
Phosphorus	31-2	1442	1358	1192	1331	9.57	cps
Potassium	39-2	138416	136379	135765	136853	1.01	cps
Rhodium	103-1	5752168	5739991	5769870	5754010	0.26	cps
Rhodium	103-2	1485380	1491775	1484661	1487272	0.26	cps
Scandium	45-1	3545236	3552215	3540838	3546096	0.16	cps
Scandium	45-2	26101	26482	26435	26339	0.79	cps
Selenium	77-2	110	110	133	118	11.44	cps
Selenium	78-2	407	335	435	393	13.15	cps
Selenium	82-1	22046	21435	21827	21769	1.42	cps
Silicon	28-1	1010672	1022235	1008588	1013831	0.73	cps
Silver	109-1	1696586	1691676	1690779	1693014	0.18	cps
Silver	107-1	1766931	1747001	1747817	1753916	0.64	cps
Sodium	23-2	1191199	1185796	1158244	1178413	1.50	cps
Strontium	86-1	450999	449614	453789	451467	0.47	cps
Strontium	88-1	3941115	3927385	3964094	3944198	0.47	cps
Sulfur	34-1	429372	427083	420578	425678	1.07	cps
Terbium	159-1	8173033	8114217	8263822	8183691	0.92	cps
Terbium	159-2	1554609	1573145	1555951	1561235	0.66	cps
Thallium	203-1	1291782	1305036	1309521	1302113	0.71	cps
Thallium	205-1	3141899	3110145	3139028	3130358	0.56	cps
Tin	118-1	1160787	1165991	1157200	1161326	0.38	cps
Titanium	47-1	899577	889456	894994	894676	0.57	cps
Uranium	238-1	4172802	4194649	4220419	4195957	0.57	cps
Vanadium	51-2	104600	103666	103546	103937	0.55	cps
Yttrium	89-1	6573922	6606133	6634044	6604700	0.46	cps
Yttrium	89-2	193610	195115	191198	193308	1.02	cps
Zinc	66-2	46464	46060	46464	46329	0.50	cps
Zirconium	90-1	2422288	2398523	2406017	2408943	0.50	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:15:19	DataFile Name :	009CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525951	527119	526994	526688	0.12	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40091	39256	39682	39676	1.05	cps
Antimony	121-1	3424609	3403502	3392806	3406972	0.47	cps
Arsenic	75-2	33856	33080	33077	33338	1.35	cps
Barium	135-1	3665744	3627787	3615128	3636220	0.72	cps
Barium	137-1	6260960	6202351	6221571	6228294	0.48	cps
Beryllium	9-1	436725	434764	436959	436150	0.28	cps
Bismuth	209-1	5165383	5083981	5106456	5118607	0.82	cps
Bismuth	209-2	1300218	1294551	1206059	1266943	4.17	cps
Boron	10-1	48734	48290	50799	49274	2.72	cps
Boron	11-1	225030	228229	229956	227738	1.10	cps
Cadmium	111-1	705192	706253	705903	705783	0.08	cps
Cadmium	106-1	74649	75311	74975	74978	0.44	cps
Cadmium	108-1	49900	50528	49867	50098	0.74	cps
Calcium	43-1	696954	701209	703197	700454	0.46	cps
Calcium	44-1	11359609	11334358	11239242	11311069	0.56	cps
Chromium	52-2	269766	268651	262592	267003	1.45	cps
Cobalt	59-2	591094	588700	575471	585088	1.44	cps
Copper	63-2	1026063	1030950	994867	1017294	1.92	cps
Dysprosium	156-1	67	0	25	31	110.22	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	7854005	7886306	7834409	7858240	0.33	cps
Holmium	165-2	1669072	1671615	1523492	1621393	5.23	cps
Indium	115-1	6349389	6284388	6336674	6323484	0.54	cps
Indium	115-2	254846	256441	237372	249553	4.24	cps
Iron	56-2	9181937	9033531	8856487	9023985	1.81	cps
Iron	57-2	230901	229220	224250	228124	1.52	cps
Lead	206-1	2165445	2167735	2193498	2175559	0.72	cps
Lead	207-1	1976608	1975383	2007615	1986535	0.92	cps
Lead	208-1	8801333	8826592	8876837	8834921	0.44	cps
Lithium	6-1	1247709	1233302	1244508	1241839	0.61	cps
Magnesium	24-2	969930	963243	938675	957283	1.72	cps
Manganese	55-2	155854	153836	150174	153288	1.88	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5698316	5631288	5638054	5655886	0.65	cps
Molybdenum	95-1	7061113	6975976	6940259	6992450	0.89	cps
Molybdenum	96-1	7828153	7710733	7815301	7784729	0.83	cps
Molybdenum	97-1	4393097	4358224	4379789	4377037	0.40	cps
Molybdenum	98-1	11290513	11215700	11186596	11230937	0.48	cps
Neodymium	150-1	173	173	173	173	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	172165	173597	166455	170739	2.21	cps
Phosphorus	31-2	2459	2917	2734	2703	8.54	cps
Potassium	39-2	268346	265433	261753	265177	1.25	cps
Rhodium	103-1	5803532	5696256	5712979	5737589	1.01	cps
Rhodium	103-2	1461252	1461082	1354950	1425761	4.30	cps
Scandium	45-1	3508822	3549693	3538657	3532390	0.60	cps
Scandium	45-2	26018	26368	24418	25601	4.06	cps
Selenium	77-2	237	257	237	243	4.75	cps
Selenium	78-2	782	756	780	772	1.87	cps
Selenium	82-1	43047	43364	43437	43282	0.48	cps
Silicon	28-1	1652925	1644086	1637059	1644690	0.48	cps
Silver	109-1	3334216	3355093	3352920	3347410	0.34	cps
Silver	107-1	3442488	3452535	3470486	3455170	0.41	cps
Sodium	23-2	2291155	2285893	2222017	2266355	1.70	cps
Strontium	86-1	897734	888386	897065	894395	0.58	cps
Strontium	88-1	7739188	7715415	7744991	7733198	0.20	cps
Sulfur	34-1	518310	518874	519493	518893	0.11	cps
Terbium	159-1	8222097	8202366	8162753	8195738	0.37	cps
Terbium	159-2	1558744	1585479	1432829	1525684	5.34	cps
Thallium	203-1	2644536	2699306	2654674	2666172	1.09	cps
Thallium	205-1	6258656	6196052	6222201	6225636	0.51	cps
Tin	118-1	2380084	2349499	2386294	2371959	0.83	cps
Titanium	47-1	1833877	1817433	1841041	1830784	0.66	cps
Uranium	238-1	8390680	8355401	8292436	8346172	0.60	cps
Vanadium	51-2	204875	205588	198391	202951	1.95	cps
Yttrium	89-1	6617317	6590329	6532054	6579900	0.66	cps
Yttrium	89-2	189863	192479	176092	186144	4.73	cps
Zinc	66-2	91214	89718	87544	89492	2.06	cps
Zirconium	90-1	4812150	4777941	4769406	4786499	0.47	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:18:37	DataFile Name :	010CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050402	1045909	1051334	1049215	0.28	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76791	78257	79757	78268	1.89	cps
Antimony	121-1	6678564	6722661	6730352	6710526	0.42	cps
Arsenic	75-2	66297	66446	66435	66392	0.12	cps
Barium	135-1	7079830	7162917	7153844	7132197	0.64	cps
Barium	137-1	12313441	12408519	12449395	12390451	0.56	cps
Beryllium	9-1	846397	847750	844186	846111	0.21	cps
Bismuth	209-1	5049611	5146314	5044739	5080221	1.13	cps
Bismuth	209-2	1165597	1265341	1279749	1236896	5.03	cps
Boron	10-1	94527	99148	98427	97368	2.55	cps
Boron	11-1	451276	452497	460419	454731	1.09	cps
Cadmium	111-1	1393169	1396602	1393179	1394317	0.14	cps
Cadmium	106-1	143811	146630	147288	145910	1.27	cps
Cadmium	108-1	97889	99815	101360	99688	1.74	cps
Calcium	43-1	1393784	1415771	1405508	1405021	0.78	cps
Calcium	44-1	22515017	22527830	22584321	22542389	0.16	cps
Chromium	52-2	525964	529716	526520	527400	0.38	cps
Cobalt	59-2	1145659	1152517	1152683	1150286	0.35	cps
Copper	63-2	2012074	2009909	1989833	2003938	0.61	cps
Dysprosium	156-1	167	167	83	139	34.64	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	33	133	42	69	79.90	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	117	183	125	142	25.64	cps
Gadolinium	160-2	17	7	27	17	59.99	cps
Holmium	165-1	7868949	8059953	7979461	7969454	1.20	cps
Holmium	165-2	1477540	1579547	1617424	1558170	4.64	cps
Indium	115-1	6193797	6329257	6213462	6245505	1.17	cps
Indium	115-2	224458	242181	246821	237820	4.96	cps
Iron	56-2	17711182	18007460	17798687	17839109	0.85	cps
Iron	57-2	450148	449920	451039	450369	0.13	cps
Lead	206-1	4329936	4315088	4356724	4333916	0.49	cps
Lead	207-1	3963139	3995859	3981463	3980153	0.41	cps
Lead	208-1	17501414	17630388	17610073	17580625	0.39	cps
Lithium	6-1	1200705	1243666	1195801	1213390	2.17	cps
Magnesium	24-2	1905102	1914990	1905353	1908482	0.30	cps
Manganese	55-2	301243	305272	305469	303994	0.78	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11325484	11285645	11318001	11309710	0.19	cps
Molybdenum	95-1	13950137	13925943	14001460	13959180	0.28	cps
Molybdenum	96-1	15482400	15467250	15521448	15490366	0.18	cps
Molybdenum	97-1	8650551	8630299	8634784	8638545	0.12	cps
Molybdenum	98-1	22391539	22389422	22387277	22389412	0.01	cps
Neodymium	150-1	447	287	347	360	22.45	cps
Neodymium	150-2	33	23	13	23	42.86	cps
Nickel	60-2	334183	336626	334037	334949	0.43	cps
Phosphorus	31-2	5043	5643	5201	5296	5.87	cps
Potassium	39-2	515478	516608	522141	518076	0.69	cps
Rhodium	103-1	5558783	5703422	5648408	5636871	1.30	cps
Rhodium	103-2	1311613	1402609	1439294	1384506	4.75	cps
Scandium	45-1	3493167	3544682	3537421	3525090	0.79	cps
Scandium	45-2	23300	25203	26094	24866	5.74	cps
Selenium	77-2	487	503	413	468	10.24	cps
Selenium	78-2	1522	1469	1559	1517	3.01	cps
Selenium	82-1	85593	86018	85977	85863	0.27	cps
Silicon	28-1	2717025	2722030	2698584	2712546	0.46	cps
Silver	109-1	6544874	6543760	6583177	6557270	0.34	cps
Silver	107-1	6762493	6846162	6874420	6827692	0.85	cps
Sodium	23-2	4450158	4414768	4387024	4417317	0.72	cps
Strontium	86-1	1811500	1813182	1805816	1810166	0.21	cps
Strontium	88-1	15540559	15461498	15479738	15493931	0.27	cps
Sulfur	34-1	703664	707431	708574	706556	0.36	cps
Terbium	159-1	8241483	8386508	8256527	8294839	0.96	cps
Terbium	159-2	1411605	1534469	1554152	1500075	5.15	cps
Thallium	203-1	5225392	5313579	5354243	5297738	1.24	cps
Thallium	205-1	12347230	12382152	12450385	12393256	0.42	cps
Tin	118-1	4644303	4669621	4630654	4648193	0.43	cps
Titanium	47-1	3575856	3564231	3546568	3562219	0.41	cps
Uranium	238-1	16849431	16858214	16869539	16859061	0.06	cps
Vanadium	51-2	400103	403885	403358	402449	0.51	cps
Yttrium	89-1	6559072	6650607	6574438	6594705	0.74	cps
Yttrium	89-2	170786	186974	187457	181739	5.22	cps
Zinc	66-2	177770	180557	181361	179896	1.05	cps
Zirconium	90-1	9531163	9548784	9506261	9528736	0.22	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:21:51	DataFile Name :	011CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2149437	2149443	2133111	2143997	0.44	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404004	406799	410643	407149	0.82	cps
Antimony	121-1	9262	8870	9045	9059	2.17	cps
Arsenic	75-2	26	26	37	30	21.65	cps
Barium	135-1	1867	2092	1875	1945	6.56	cps
Barium	137-1	3217	3317	3434	3323	3.27	cps
Beryllium	9-1	644	644	617	635	2.52	cps
Bismuth	209-1	4697098	4654252	4730271	4693874	0.81	cps
Bismuth	209-2	1165806	1162608	1198087	1175500	1.67	cps
Boron	10-1	4501	4409	3976	4295	6.53	cps
Boron	11-1	22151	19080	18955	20062	9.02	cps
Cadmium	111-1	1090	1061	934	1028	8.06	cps
Cadmium	106-1	1175	1292	1058	1175	9.93	cps
Cadmium	108-1	17	50	33	33	50.00	cps
Calcium	43-1	6984298	7028434	7095129	7035954	0.79	cps
Calcium	44-1	113309003	114700098	115833740	114614280	1.10	cps
Chromium	52-2	10948	10618	10888	10818	1.63	cps
Cobalt	59-2	1510	1410	1503	1475	3.79	cps
Copper	63-2	2627	2884	2770	2760	4.66	cps
Dysprosium	156-1	33	67	75	58	37.80	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	92	42	67	67	37.50	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	7758828	7611027	7686987	7685614	0.96	cps
Holmium	165-2	1538287	1540444	1588400	1555710	1.82	cps
Indium	115-1	5933419	5846234	5951550	5910401	0.95	cps
Indium	115-2	235456	238635	246356	240149	2.33	cps
Iron	56-2	89380955	89040819	90256691	89559488	0.70	cps
Iron	57-2	2279170	2306605	2338067	2307947	1.28	cps
Lead	206-1	8587	8587	8509	8561	0.53	cps
Lead	207-1	7858	7136	7302	7432	5.09	cps
Lead	208-1	34041	33858	33735	33878	0.45	cps
Lithium	6-1	1158832	1168067	1194487	1173795	1.58	cps
Magnesium	24-2	9503286	9621414	9616458	9580386	0.70	cps
Manganese	55-2	1043	883	943	957	8.45	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CAL5_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6485	6652	6494	6544	1.44	cps
Molybdenum	95-1	10379	10521	9954	10285	2.87	cps
Molybdenum	96-1	12648	12531	12331	12504	1.28	cps
Molybdenum	97-1	6135	6427	6185	6249	2.50	cps
Molybdenum	98-1	15226	15935	15818	15660	2.43	cps
Neodymium	150-1	93	73	67	78	17.84	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	4494	4491	4631	4539	1.76	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2656476	2722821	2727870	2702389	1.47	cps
Rhodium	103-1	5251215	5177529	5230760	5219835	0.73	cps
Rhodium	103-2	1318167	1322496	1349462	1330042	1.27	cps
Scandium	45-1	3414954	3385528	3464210	3421564	1.16	cps
Scandium	45-2	24739	24946	25453	25046	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	50	-1	40	30	90.91	cps
Silicon	28-1	411014	413630	414515	413053	0.44	cps
Silver	109-1	525	650	475	550	16.39	cps
Silver	107-1	517	692	558	589	15.52	cps
Sodium	23-2	22528786	22585967	22586264	22567006	0.15	cps
Strontium	86-1	61188	59548	60602	60446	1.38	cps
Strontium	88-1	513385	517768	520248	517134	0.67	cps
Sulfur	34-1	294244	300951	302950	299382	1.52	cps
Terbium	159-1	7983890	7845449	7948900	7926079	0.91	cps
Terbium	159-2	1484768	1478280	1521482	1494843	1.56	cps
Thallium	203-1	3267	3050	3476	3264	6.51	cps
Thallium	205-1	8120	7736	7044	7633	7.14	cps
Tin	118-1	5751	5118	5043	5304	7.34	cps
Titanium	47-1	675	667	867	736	15.37	cps
Uranium	238-1	1400	1092	1250	1247	12.36	cps
Vanadium	51-2	120	117	100	112	9.55	cps
Yttrium	89-1	6251692	6206110	6270112	6242638	0.53	cps
Yttrium	89-2	178441	180337	186690	181823	2.38	cps
Zinc	66-2	630	687	623	647	5.38	cps
Zirconium	90-1	2425	2500	2367	2431	2.75	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:25:04	DataFile Name :	012CALS_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	542	642	622	11.70	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 15:40:59 DataFile Name : 013ICV01_P8020818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2459	2392	2367	2406	1.97	cps
Antimony	121-1	1313907	1320920	1329697	1321508	0.60	cps
Arsenic	75-2	14988	14884	14778	14883	0.70	cps
Barium	135-1	142856	143733	145811	144133	1.05	cps
Barium	137-1	250651	246219	250584	249151	1.02	cps
Beryllium	9-1	94537	93038	93149	93575	0.89	cps
Bismuth	209-1	5063238	5099573	5077586	5080132	0.36	cps
Bismuth	209-2	1304556	1352160	1357515	1338077	2.18	cps
Boron	10-1	56127	58311	57558	57332	1.94	cps
Boron	11-1	261235	264004	270165	265135	1.72	cps
Cadmium	111-1	144848	145962	146353	145721	0.54	cps
Cadmium	106-1	24172	23354	23588	23705	1.78	cps
Cadmium	108-1	13269	13211	13332	13271	0.46	cps
Calcium	43-1	32422	33174	32112	32569	1.68	cps
Calcium	44-1	517406	512938	515151	515165	0.43	cps
Chromium	52-2	59232	58087	57983	58434	1.19	cps
Cobalt	59-2	130383	129723	130252	130119	0.27	cps
Copper	63-2	112174	112541	112759	112492	0.26	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	7796303	7771828	7870514	7812882	0.66	cps
Holmium	165-2	1629297	1706683	1703600	1679860	2.61	cps
Indium	115-1	6448163	6513331	6510931	6490808	0.57	cps
Indium	115-2	263689	277518	271124	270777	2.56	cps
Iron	56-2	407092	405251	404924	405756	0.29	cps
Iron	57-2	10476	10054	10471	10334	2.35	cps
Lead	206-1	832628	830455	836164	833082	0.35	cps
Lead	207-1	729327	730198	729883	729802	0.06	cps
Lead	208-1	3416875	3390889	3382657	3396807	0.53	cps
Lithium	6-1	1305349	1328683	1310027	1314686	0.94	cps
Magnesium	24-2	26851	25674	25591	26039	2.71	cps
Manganese	55-2	17181	17084	16887	17051	0.88	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV01_P8020818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2463042	2471601	2470273	2468305	0.19	cps
Molybdenum	95-1	1329535	1334204	1339148	1334296	0.36	cps
Molybdenum	96-1	1732683	1746691	1754712	1744695	0.64	cps
Molybdenum	97-1	828187	827603	828614	828135	0.06	cps
Molybdenum	98-1	2200237	2200197	2187786	2196073	0.33	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	38477	39326	38152	38652	1.57	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	25983	25900	26827	26237	1.95	cps
Rhodium	103-1	5996164	6093274	6025094	6038177	0.83	cps
Rhodium	103-2	1548912	1604827	1600050	1584596	1.96	cps
Scandium	45-1	3808723	3824454	3816972	3816716	0.21	cps
Scandium	45-2	28172	28913	29244	28776	1.91	cps
Selenium	77-2	97	83	83	88	8.77	cps
Selenium	78-2	350	406	302	352	14.72	cps
Selenium	82-1	18082	18121	18074	18092	0.14	cps
Silicon	28-1	1623242	1641136	1630888	1631755	0.55	cps
Silver	109-1	666900	668397	672943	669413	0.47	cps
Silver	107-1	696317	698438	712078	702278	1.22	cps
Sodium	23-2	105833	104985	103952	104924	0.90	cps
Strontium	86-1	863193	855418	863236	860615	0.52	cps
Strontium	88-1	7441919	7433573	7453672	7443055	0.14	cps
Sulfur	34-1	335227	329154	330816	331732	0.95	cps
Terbium	159-1	8186945	8223282	8148367	8186198	0.46	cps
Terbium	159-2	1605386	1643071	1633351	1627270	1.20	cps
Thallium	203-1	1039928	1042311	1054183	1045474	0.73	cps
Thallium	205-1	2529412	2534664	2573943	2546007	0.96	cps
Tin	118-1	2252022	2277393	2267473	2265629	0.56	cps
Titanium	47-1	360560	360118	363333	361337	0.48	cps
Uranium	238-1	7941704	7945773	7876364	7921280	0.49	cps
Vanadium	51-2	43815	44938	44711	44488	1.34	cps
Yttrium	89-1	6893925	6907355	6810744	6870675	0.76	cps
Yttrium	89-2	199249	207741	207054	204681	2.30	cps
Zinc	66-2	20242	19751	19731	19908	1.45	cps
Zirconium	90-1	4601253	4581318	4611293	4597954	0.33	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:40:59	DataFile Name :	013ICV01_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1000888	1002600	1015186	1006225	0.78	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:54:28	DataFile Name :	014LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	92	86	11.18	cps
Antimony	121-1	13107	12882	12940	12976	0.90	cps
Arsenic	75-2	74	87	61	74	17.50	cps
Barium	135-1	13015	13674	13249	13313	2.51	cps
Barium	137-1	23288	23171	22737	23065	1.26	cps
Beryllium	9-1	1145	1145	1033	1107	5.79	cps
Bismuth	209-1	4641916	5050785	5000951	4897884	4.55	cps
Bismuth	209-2	1348981	1352868	1355235	1352361	0.23	cps
Boron	10-1	2900	3034	3326	3087	7.04	cps
Boron	11-1	13941	13949	14883	14258	3.80	cps
Cadmium	111-1	2060	2193	2068	2107	3.55	cps
Cadmium	106-1	1308	1317	1192	1272	5.49	cps
Cadmium	108-1	104	71	83	86	19.55	cps
Calcium	43-1	7694	7611	7652	7652	0.54	cps
Calcium	44-1	123926	124692	122170	123596	1.05	cps
Chromium	52-2	1423	1463	1503	1463	2.73	cps
Cobalt	59-2	1370	1307	1337	1338	2.37	cps
Copper	63-2	2237	2250	2340	2276	2.47	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	67	17	58	47	56.72	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	7088509	7697758	7604473	7463580	4.40	cps
Holmium	165-2	1710883	1715275	1692213	1706124	0.72	cps
Indium	115-1	6003951	6556241	6391286	6317159	4.49	cps
Indium	115-2	277581	279095	277821	278166	0.29	cps
Iron	56-2	20888	20794	21022	20901	0.55	cps
Iron	57-2	600	522	600	574	7.82	cps
Lead	206-1	4390	4212	3923	4175	5.64	cps
Lead	207-1	3901	3895	3845	3880	0.79	cps
Lead	208-1	17566	17266	17116	17316	1.32	cps
Lithium	6-1	1226788	1326165	1318928	1290627	4.29	cps
Magnesium	24-2	10471	10554	10471	10499	0.46	cps
Manganese	55-2	203	170	173	182	10.08	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:54:28	DataFile Name :	014LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11547	10838	11422	11269	3.36	cps
Molybdenum	95-1	12932	13232	12915	13026	1.37	cps
Molybdenum	96-1	14775	14141	14617	14511	2.27	cps
Molybdenum	97-1	8795	8361	8686	8614	2.62	cps
Molybdenum	98-1	21292	21668	21309	21423	0.99	cps
Neodymium	150-1	40	13	0	18	114.57	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	687	710	650	682	4.43	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	7978	8053	8186	8072	1.31	cps
Rhodium	103-1	5591383	5985081	6025383	5867282	4.09	cps
Rhodium	103-2	1632008	1611304	1609291	1617534	0.78	cps
Scandium	45-1	3518571	3798940	3736517	3684676	3.99	cps
Scandium	45-2	30380	29979	29722	30027	1.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	9	4	6	45.85	cps
Selenium	82-1	295	415	375	362	16.86	cps
Silicon	28-1	414020	405308	404576	407968	1.29	cps
Silver	109-1	6518	6293	6443	6418	1.79	cps
Silver	107-1	6594	7394	6835	6941	5.92	cps
Sodium	23-2	29899	30208	30108	30071	0.52	cps
Strontium	86-1	2242	2225	2242	2236	0.43	cps
Strontium	88-1	14750	14875	15476	15034	2.58	cps
Sulfur	34-1	340581	339174	341377	340377	0.33	cps
Terbium	159-1	7451332	7971788	8005830	7809650	3.98	cps
Terbium	159-2	1661789	1669517	1650716	1660674	0.57	cps
Thallium	203-1	5010	4768	5193	4990	4.27	cps
Thallium	205-1	12014	11881	11522	11806	2.16	cps
Tin	118-1	22678	22520	23062	22754	1.23	cps
Titanium	47-1	4026	3634	3367	3676	9.01	cps
Uranium	238-1	14501	15235	14976	14904	2.50	cps
Vanadium	51-2	2194	2104	2140	2146	2.11	cps
Yttrium	89-1	6225745	6764558	6680278	6556861	4.42	cps
Yttrium	89-2	212213	209701	207396	209770	1.15	cps
Zinc	66-2	240	230	310	260	16.76	cps
Zirconium	90-1	10396	10071	9804	10090	2.94	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:54:28	DataFile Name :	014LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2009	2400	2134	2181	9.18	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 15:58:09 DataFile Name : 015CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	183	233	275	231	19.91	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	42	17	17	25	57.73	cps
Barium	137-1	25	83	67	58	51.51	cps
Beryllium	9-1	194	156	217	189	16.38	cps
Bismuth	209-1	5000765	4899737	4952187	4950896	1.02	cps
Bismuth	209-2	1326074	1296597	1346075	1322916	1.88	cps
Boron	10-1	650	783	858	764	13.81	cps
Boron	11-1	3167	3551	3409	3376	5.74	cps
Cadmium	111-1	930	882	718	843	13.19	cps
Cadmium	106-1	1333	1258	1025	1206	13.34	cps
Cadmium	108-1	17	4	29	17	74.99	cps
Calcium	43-1	733	700	708	714	2.43	cps
Calcium	44-1	11172	11472	11138	11261	1.63	cps
Chromium	52-2	250	250	240	247	2.34	cps
Cobalt	59-2	43	37	73	51	38.21	cps
Copper	63-2	100	177	127	134	28.95	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	50	17	67	44	57.28	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	7655284	7558162	7678575	7630673	0.84	cps
Holmium	165-2	1683835	1631201	1683099	1666045	1.81	cps
Indium	115-1	6453260	6412160	6429718	6431712	0.32	cps
Indium	115-2	273438	263871	278455	271922	2.72	cps
Iron	56-2	1195	1033	1233	1154	9.19	cps
Iron	57-2	17	28	33	26	32.72	cps
Lead	206-1	333	339	428	367	14.45	cps
Lead	207-1	256	361	317	311	17.03	cps
Lead	208-1	1350	1433	1595	1459	8.52	cps
Lithium	6-1	1311740	1285996	1311299	1303011	1.13	cps
Magnesium	24-2	292	175	167	211	33.10	cps
Manganese	55-2	10	23	17	17	39.99	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	150	167	161	5.97	cps
Molybdenum	95-1	83	50	33	56	45.83	cps
Molybdenum	96-1	92	142	67	100	38.19	cps
Molybdenum	97-1	33	58	42	44	28.65	cps
Molybdenum	98-1	100	100	92	97	4.95	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	253	287	259	9.83	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2150	1992	2259	2134	6.29	cps
Rhodium	103-1	5956223	5927293	6003299	5962272	0.64	cps
Rhodium	103-2	1594154	1536674	1584399	1571742	1.96	cps
Scandium	45-1	3797065	3739270	3769795	3768710	0.77	cps
Scandium	45-2	29297	27490	29645	28811	4.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-24	21	-21	-8	-314.69	cps
Silicon	28-1	368123	367595	365260	366992	0.42	cps
Silver	109-1	67	50	33	50	33.34	cps
Silver	107-1	83	58	117	86	33.98	cps
Sodium	23-2	5543	5826	5376	5582	4.08	cps
Strontium	86-1	317	417	500	411	22.33	cps
Strontium	88-1	125	150	75	117	32.74	cps
Sulfur	34-1	343430	343647	342820	343299	0.12	cps
Terbium	159-1	7968038	7863617	8011854	7947837	0.96	cps
Terbium	159-2	1623294	1547769	1633307	1601456	2.92	cps
Thallium	203-1	217	150	158	175	20.76	cps
Thallium	205-1	600	600	350	517	27.94	cps
Tin	118-1	625	725	758	703	9.87	cps
Titanium	47-1	100	125	167	131	25.80	cps
Uranium	238-1	50	33	42	42	20.00	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	6758461	6669707	6742988	6723718	0.71	cps
Yttrium	89-2	205402	199088	208382	204291	2.32	cps
Zinc	66-2	13	17	13	14	13.35	cps
Zirconium	90-1	458	400	408	422	7.47	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 15:58:09	DataFile Name :	015CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	125	83	45.83	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:01:18 DataFile Name : 016ICSA01_P8020818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401159	398628	398001	399263	0.42	cps
Antimony	121-1	7978	7527	7386	7630	4.05	cps
Arsenic	75-2	20	15	22	19	20.16	cps
Barium	135-1	2150	2175	1892	2072	7.57	cps
Barium	137-1	3967	3776	3526	3756	5.90	cps
Beryllium	9-1	467	444	383	432	10.00	cps
Bismuth	209-1	4858507	4794360	4800871	4817912	0.73	cps
Bismuth	209-2	1267403	1268972	1278109	1271495	0.45	cps
Boron	10-1	958	833	633	808	20.28	cps
Boron	11-1	3801	3342	3692	3612	6.63	cps
Cadmium	111-1	1295	1250	1270	1272	1.76	cps
Cadmium	106-1	1342	1233	1058	1211	11.81	cps
Cadmium	108-1	838	775	750	788	5.72	cps
Calcium	43-1	1457335	1467233	1468523	1464364	0.42	cps
Calcium	44-1	23597208	23603070	23536230	23578836	0.16	cps
Chromium	52-2	11615	12095	11745	11819	2.10	cps
Cobalt	59-2	1613	1533	1423	1523	6.26	cps
Copper	63-2	8463	8229	8423	8372	1.49	cps
Dysprosium	156-1	33	83	17	44	78.07	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	117	67	50	78	44.61	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	7801792	7787804	7790054	7793217	0.10	cps
Holmium	165-2	1655877	1672849	1661918	1663548	0.52	cps
Indium	115-1	6378780	6359847	6326159	6354929	0.42	cps
Indium	115-2	263295	266779	263741	264605	0.72	cps
Iron	56-2	38602040	38020383	38040205	38220876	0.86	cps
Iron	57-2	970939	960638	966482	966020	0.53	cps
Lead	206-1	21491	20172	20729	20797	3.18	cps
Lead	207-1	16650	16912	16528	16697	1.17	cps
Lead	208-1	79465	78084	77471	78340	1.30	cps
Lithium	6-1	1247400	1253800	1241716	1247639	0.48	cps
Magnesium	24-2	2070270	2036996	2077357	2061541	1.05	cps
Manganese	55-2	1217	1310	1323	1283	4.53	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA01_P8020818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3154569	3121069	3193816	3156485	1.15	cps
Molybdenum	95-1	5467626	5533299	5557827	5519584	0.84	cps
Molybdenum	96-1	5893236	5862386	5832037	5862553	0.52	cps
Molybdenum	97-1	3451975	3451260	3429607	3444281	0.37	cps
Molybdenum	98-1	8767610	8785976	8774273	8775953	0.11	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	2024	2027	2040	2030	0.43	cps
Phosphorus	31-2	29331	29031	28772	29045	0.96	cps
Potassium	39-2	1149303	1141041	1143574	1144639	0.37	cps
Rhodium	103-1	5783479	5750590	5753199	5762423	0.32	cps
Rhodium	103-2	1480807	1492453	1493119	1488793	0.47	cps
Scandium	45-1	3725234	3686324	3758487	3723348	0.97	cps
Scandium	45-2	27848	28382	27784	28005	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-7	21	-1	4	326.75	cps
Silicon	28-1	471634	464902	465780	467439	0.78	cps
Silver	109-1	525	558	583	556	5.27	cps
Silver	107-1	550	608	750	636	16.17	cps
Sodium	23-2	4825781	4766292	4760614	4784229	0.75	cps
Strontium	86-1	62477	62820	63172	62823	0.55	cps
Strontium	88-1	535478	532592	532801	533623	0.30	cps
Sulfur	34-1	2147544	2121114	2132988	2133882	0.62	cps
Terbium	159-1	8015712	8121017	8142989	8093239	0.84	cps
Terbium	159-2	1569243	1610601	1596160	1592002	1.32	cps
Thallium	203-1	708	667	925	767	18.09	cps
Thallium	205-1	1617	1642	1892	1717	8.86	cps
Tin	118-1	1642	1325	1533	1500	10.73	cps
Titanium	47-1	1524208	1519422	1537905	1527178	0.63	cps
Uranium	238-1	333	300	317	317	5.26	cps
Vanadium	51-2	70	93	90	84	14.95	cps
Yttrium	89-1	6713938	6790418	6713977	6739444	0.66	cps
Yttrium	89-2	200834	202450	202010	201765	0.41	cps
Zinc	66-2	1063	1117	1077	1086	2.56	cps
Zirconium	90-1	608	867	808	761	17.80	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:01:18	DataFile Name :	016ICSA01_P8020818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	167	200	167	20.00	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:04:23 DataFile Name : 017ICSB_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392038	385070	386129	387746	0.97	cps
Antimony	121-1	133394	136148	135860	135134	1.12	cps
Arsenic	75-2	1389	1291	1398	1359	4.38	cps
Barium	135-1	29776	30160	29200	29712	1.63	cps
Barium	137-1	51485	52329	53057	52290	1.51	cps
Beryllium	9-1	18184	17695	18535	18138	2.33	cps
Bismuth	209-1	4853693	4830323	4799685	4827900	0.56	cps
Bismuth	209-2	1274676	1261335	1262921	1266311	0.58	cps
Boron	10-1	6377	6518	6135	6343	3.06	cps
Boron	11-1	28354	28713	28730	28599	0.74	cps
Cadmium	111-1	28123	27472	28280	27958	1.53	cps
Cadmium	106-1	4501	4368	4326	4398	2.08	cps
Cadmium	108-1	2900	3059	2888	2949	3.23	cps
Calcium	43-1	1475975	1435105	1451635	1454238	1.41	cps
Calcium	44-1	23463434	23298954	23361427	23374605	0.36	cps
Chromium	52-2	22325	22532	22178	22345	0.80	cps
Cobalt	59-2	24969	24762	25313	25015	1.11	cps
Copper	63-2	28750	28626	28596	28657	0.28	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	83	58	58	67	21.65	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	7795075	7766676	7675619	7745790	0.81	cps
Holmium	165-2	1662243	1646919	1628232	1645798	1.03	cps
Indium	115-1	6368219	6310592	6189557	6289456	1.45	cps
Indium	115-2	265394	261188	261087	262556	0.94	cps
Iron	56-2	37853287	37426034	37414106	37564476	0.67	cps
Iron	57-2	957948	945860	942997	948935	0.84	cps
Lead	206-1	101614	100159	100075	100616	0.86	cps
Lead	207-1	84093	83646	84553	84098	0.54	cps
Lead	208-1	389501	388837	393317	390552	0.62	cps
Lithium	6-1	1234884	1229480	1202162	1222175	1.44	cps
Magnesium	24-2	2016779	2002030	2012563	2010457	0.38	cps
Manganese	55-2	4591	4321	4304	4405	3.65	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3413540	3368913	3408800	3397084	0.72	cps
Molybdenum	95-1	5674697	5669524	5661544	5668588	0.12	cps
Molybdenum	96-1	6065719	6006749	6085189	6052552	0.67	cps
Molybdenum	97-1	3514954	3543275	3572811	3543680	0.82	cps
Molybdenum	98-1	8968987	9028249	8980484	8992573	0.35	cps
Neodymium	150-1	27	33	40	33	19.99	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	9270	8663	8626	8853	4.08	cps
Phosphorus	31-2	28129	26835	27862	27608	2.47	cps
Potassium	39-2	1129861	1095174	1106357	1110464	1.59	cps
Rhodium	103-1	5742126	5711422	5577887	5677145	1.54	cps
Rhodium	103-2	1513260	1474803	1468474	1485512	1.63	cps
Scandium	45-1	3696575	3693030	3583252	3657619	1.76	cps
Scandium	45-2	27771	27534	27207	27504	1.03	cps
Selenium	77-2	13	3	10	9	57.30	cps
Selenium	78-2	30	28	26	28	6.66	cps
Selenium	82-1	1643	1690	1701	1678	1.83	cps
Silicon	28-1	615455	616986	619060	617167	0.29	cps
Silver	109-1	120520	123757	120712	121663	1.49	cps
Silver	107-1	125379	126952	127684	126672	0.93	cps
Sodium	23-2	4670642	4571533	4577998	4606724	1.20	cps
Strontium	86-1	151456	150774	151482	151237	0.27	cps
Strontium	88-1	1315837	1321910	1337172	1324973	0.83	cps
Sulfur	34-1	2129095	2098317	2098551	2108654	0.84	cps
Terbium	159-1	8164078	8137784	8077438	8126433	0.55	cps
Terbium	159-2	1603784	1564222	1577819	1581942	1.27	cps
Thallium	203-1	99798	97298	99622	98906	1.41	cps
Thallium	205-1	235678	235984	235184	235615	0.17	cps
Tin	118-1	234622	236517	232658	234599	0.82	cps
Titanium	47-1	1576153	1544458	1530292	1550301	1.51	cps
Uranium	238-1	796737	802337	808218	802431	0.72	cps
Vanadium	51-2	8419	8016	8109	8181	2.58	cps
Yttrium	89-1	6717303	6667947	6587907	6657719	0.98	cps
Yttrium	89-2	201147	198372	197570	199030	0.94	cps
Zinc	66-2	2854	2830	2964	2883	2.47	cps
Zirconium	90-1	491434	484598	488132	488055	0.70	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:04:23	DataFile Name :	017ICSB_P8020818-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	107885	110000	109472	109119	1.01	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211774	210801	210379	210985	0.34	cps
Antimony	121-1	3397228	3383368	3399048	3393215	0.25	cps
Arsenic	75-2	34827	34842	34777	34815	0.10	cps
Barium	135-1	3664757	3613334	3607827	3628640	0.87	cps
Barium	137-1	6209605	6179863	6246864	6212111	0.54	cps
Beryllium	9-1	444506	445710	447113	445777	0.29	cps
Bismuth	209-1	4753920	4844752	4792267	4796980	0.95	cps
Bismuth	209-2	1251700	1252242	1247541	1250494	0.21	cps
Boron	10-1	49812	52739	51117	51223	2.86	cps
Boron	11-1	229287	233147	238163	233532	1.91	cps
Cadmium	111-1	684450	688213	684252	685638	0.33	cps
Cadmium	106-1	74431	74305	72588	73775	1.40	cps
Cadmium	108-1	49788	49646	49294	49576	0.51	cps
Calcium	43-1	3556820	3577037	3586599	3573486	0.43	cps
Calcium	44-1	57683758	57870651	57757241	57770550	0.16	cps
Chromium	52-2	284185	284101	283408	283898	0.15	cps
Cobalt	59-2	599558	601308	597403	599423	0.33	cps
Copper	63-2	1019920	1015319	1015413	1016884	0.26	cps
Dysprosium	156-1	17	58	83	53	63.81	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	50	100	75	75	33.33	cps
Gadolinium	160-2	17	23	3	14	70.51	cps
Holmium	165-1	7651371	7784935	7717615	7717974	0.87	cps
Holmium	165-2	1640236	1647208	1618043	1635162	0.93	cps
Indium	115-1	6053449	6216749	6127665	6132621	1.33	cps
Indium	115-2	253680	255400	253007	254029	0.49	cps
Iron	56-2	46101048	45922833	45596462	45873448	0.56	cps
Iron	57-2	1160441	1162498	1157522	1160153	0.22	cps
Lead	206-1	2054618	2105966	2081714	2080766	1.23	cps
Lead	207-1	1913529	1919281	1898829	1910547	0.55	cps
Lead	208-1	8479911	8522621	8454860	8485797	0.40	cps
Lithium	6-1	1193806	1216915	1234549	1215090	1.68	cps
Magnesium	24-2	5052092	5036508	5010927	5033176	0.41	cps
Manganese	55-2	160712	161653	161642	161336	0.33	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5793745	5777935	5744911	5772197	0.43	cps
Molybdenum	95-1	7098136	7137711	7039451	7091766	0.70	cps
Molybdenum	96-1	7772757	7924690	7814397	7837281	1.00	cps
Molybdenum	97-1	4432740	4416532	4360859	4403377	0.86	cps
Molybdenum	98-1	11457118	11385504	11198633	11347085	1.18	cps
Neodymium	150-1	187	153	207	182	14.79	cps
Neodymium	150-2	13	3	23	13	75.02	cps
Nickel	60-2	174504	174386	172375	173755	0.69	cps
Phosphorus	31-2	2867	2759	2809	2812	1.93	cps
Potassium	39-2	1417846	1432440	1405208	1418498	0.96	cps
Rhodium	103-1	5436599	5607786	5542740	5529042	1.56	cps
Rhodium	103-2	1438656	1440745	1434407	1437936	0.22	cps
Scandium	45-1	3526667	3718852	3632184	3625901	2.65	cps
Scandium	45-2	28025	27237	27771	27677	1.45	cps
Selenium	77-2	237	283	210	243	15.25	cps
Selenium	78-2	859	798	769	809	5.72	cps
Selenium	82-1	43163	43383	43353	43300	0.28	cps
Silicon	28-1	1671326	1672070	1686487	1676627	0.51	cps
Silver	109-1	3281270	3293609	3277885	3284255	0.25	cps
Silver	107-1	3403587	3374528	3384771	3387629	0.44	cps
Sodium	23-2	11651565	11704159	11714654	11690126	0.29	cps
Strontium	86-1	927447	940147	939396	935663	0.76	cps
Strontium	88-1	8106012	8026534	8123626	8085391	0.64	cps
Sulfur	34-1	520634	522769	522968	522124	0.25	cps
Terbium	159-1	7933770	8164412	8121933	8073372	1.52	cps
Terbium	159-2	1555115	1569811	1556923	1560616	0.51	cps
Thallium	203-1	2593860	2591211	2568081	2584384	0.55	cps
Thallium	205-1	6046170	6095208	5933716	6025032	1.37	cps
Tin	118-1	2374573	2390501	2344709	2369928	0.98	cps
Titanium	47-1	1872128	1868640	1884685	1875151	0.45	cps
Uranium	238-1	8212884	8247092	8178921	8212966	0.42	cps
Vanadium	51-2	214476	213856	215234	214522	0.32	cps
Yttrium	89-1	6489302	6642729	6619291	6583774	1.26	cps
Yttrium	89-2	195309	198121	194647	196026	0.94	cps
Zinc	66-2	89603	89322	90395	89773	0.62	cps
Zirconium	90-1	4888208	4923024	4874175	4895135	0.51	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:07:29	DataFile Name :	018CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1071936	1080175	1074272	1075461	0.39	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:23:39	DataFile Name :	019LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	92	78	22.30	cps
Antimony	121-1	12631	13566	13441	13213	3.84	cps
Arsenic	75-2	74	63	69	69	8.11	cps
Barium	135-1	13524	13499	13224	13416	1.24	cps
Barium	137-1	22720	22186	23071	22659	1.97	cps
Beryllium	9-1	1206	1083	1167	1152	5.42	cps
Bismuth	209-1	4987138	4944315	4953478	4961644	0.45	cps
Bismuth	209-2	1298137	1307216	1297326	1300893	0.42	cps
Boron	10-1	2634	2417	2775	2609	6.92	cps
Boron	11-1	11680	12147	12606	12144	3.81	cps
Cadmium	111-1	2036	2202	1888	2042	7.68	cps
Cadmium	106-1	1275	1358	1117	1250	9.82	cps
Cadmium	108-1	129	100	133	121	15.03	cps
Calcium	43-1	7427	7427	7477	7444	0.39	cps
Calcium	44-1	119406	121760	118111	119759	1.54	cps
Chromium	52-2	1360	1307	1550	1406	9.10	cps
Cobalt	59-2	1283	1210	1243	1246	2.95	cps
Copper	63-2	2130	2154	2437	2240	7.62	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	7537403	7532327	7587833	7552521	0.41	cps
Holmium	165-2	1601388	1652683	1589766	1614612	2.07	cps
Indium	115-1	6186833	6299026	6313647	6266502	1.11	cps
Indium	115-2	260816	264046	261457	262106	0.65	cps
Iron	56-2	20260	19436	20349	20015	2.51	cps
Iron	57-2	467	544	472	494	8.78	cps
Lead	206-1	4501	4173	4301	4325	3.82	cps
Lead	207-1	3917	3967	3867	3917	1.28	cps
Lead	208-1	17750	17661	17172	17527	1.78	cps
Lithium	6-1	1261885	1254764	1245659	1254103	0.65	cps
Magnesium	24-2	10121	10296	9737	10051	2.84	cps
Manganese	55-2	207	230	180	206	12.17	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:23:39	DataFile Name :	019LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10988	11030	10379	10799	3.37	cps
Molybdenum	95-1	12857	12840	12832	12843	0.10	cps
Molybdenum	96-1	14300	14542	15134	14658	2.93	cps
Molybdenum	97-1	8295	8395	8186	8292	1.26	cps
Molybdenum	98-1	20825	20892	20349	20689	1.43	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	650	647	653	650	0.51	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7194	7177	6910	7094	2.24	cps
Rhodium	103-1	5870712	5786356	5839256	5832108	0.73	cps
Rhodium	103-2	1516303	1548423	1497497	1520741	1.69	cps
Scandium	45-1	3545091	3533893	3601625	3560203	1.02	cps
Scandium	45-2	27313	26692	27323	27110	1.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	13	11	13	14.27	cps
Selenium	82-1	430	469	481	460	5.81	cps
Silicon	28-1	385142	376859	382270	381424	1.10	cps
Silver	109-1	6193	6193	6143	6177	0.47	cps
Silver	107-1	6343	6410	6969	6574	5.22	cps
Sodium	23-2	27945	29532	28521	28666	2.80	cps
Strontium	86-1	2000	2234	2109	2114	5.52	cps
Strontium	88-1	15501	14492	15167	15053	3.42	cps
Sulfur	34-1	319445	317162	314701	317103	0.75	cps
Terbium	159-1	7873133	7874059	8024494	7923896	1.10	cps
Terbium	159-2	1523611	1547510	1521467	1530863	0.94	cps
Thallium	203-1	4826	5001	5385	5071	5.63	cps
Thallium	205-1	12348	12240	12015	12201	1.40	cps
Tin	118-1	21418	21727	21969	21705	1.27	cps
Titanium	47-1	3501	3684	3359	3514	4.64	cps
Uranium	238-1	15410	15327	15151	15296	0.86	cps
Vanadium	51-2	2010	1954	1843	1936	4.38	cps
Yttrium	89-1	6525256	6468393	6556572	6516740	0.69	cps
Yttrium	89-2	194720	195457	191507	193895	1.08	cps
Zinc	66-2	253	247	213	238	9.01	cps
Zirconium	90-1	9771	9262	9495	9509	2.68	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:23:39	DataFile Name :	019LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2300	1967	1992	2086	8.90	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	125	167	200	164	22.93	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	8	17	42	22	78.07	cps
Barium	137-1	25	50	33	36	35.25	cps
Beryllium	9-1	117	117	156	130	17.32	cps
Bismuth	209-1	5018671	5063424	5039821	5040639	0.44	cps
Bismuth	209-2	1328733	1333695	1337529	1333319	0.33	cps
Boron	10-1	383	342	458	394	14.99	cps
Boron	11-1	1809	1817	1634	1753	5.91	cps
Cadmium	111-1	653	751	840	748	12.51	cps
Cadmium	106-1	925	1075	1158	1053	11.23	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	600	758	475	611	23.24	cps
Calcium	44-1	11230	10955	11138	11108	1.26	cps
Chromium	52-2	263	247	227	246	7.48	cps
Cobalt	59-2	57	47	60	54	12.74	cps
Copper	63-2	167	147	130	148	12.42	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	13	3	6	124.93	cps
Holmium	165-1	7803444	7688106	7720560	7737370	0.77	cps
Holmium	165-2	1655708	1671881	1690163	1672584	1.03	cps
Indium	115-1	6528630	6459606	6489185	6492474	0.53	cps
Indium	115-2	270347	271316	274198	271953	0.74	cps
Iron	56-2	1250	1206	1028	1161	10.13	cps
Iron	57-2	33	11	17	20	56.76	cps
Lead	206-1	300	356	344	333	8.82	cps
Lead	207-1	311	289	294	298	3.88	cps
Lead	208-1	1233	1445	1400	1359	8.19	cps
Lithium	6-1	1303994	1306418	1305678	1305364	0.10	cps
Magnesium	24-2	242	258	250	250	3.33	cps
Manganese	55-2	20	20	3	14	66.64	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	167	158	183	19.81	cps
Molybdenum	95-1	25	67	75	56	48.22	cps
Molybdenum	96-1	150	92	83	108	33.53	cps
Molybdenum	97-1	33	75	50	53	39.74	cps
Molybdenum	98-1	58	83	58	67	21.65	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	287	223	252	12.70	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1967	1959	2050	1992	2.55	cps
Rhodium	103-1	6012722	6042085	5993504	6016104	0.41	cps
Rhodium	103-2	1570376	1576438	1600740	1582518	1.02	cps
Scandium	45-1	3712971	3736926	3758862	3736253	0.61	cps
Scandium	45-2	28035	28583	28790	28469	1.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	10	-19	-5	-5	-296.26	cps
Silicon	28-1	356921	355361	352459	354913	0.64	cps
Silver	109-1	58	83	92	78	22.30	cps
Silver	107-1	100	92	75	89	14.32	cps
Sodium	23-2	5660	5418	5493	5524	2.24	cps
Strontium	86-1	442	558	425	475	15.29	cps
Strontium	88-1	75	100	133	103	28.48	cps
Sulfur	34-1	337264	335867	330012	334381	1.15	cps
Terbium	159-1	8150802	8184682	8187764	8174416	0.25	cps
Terbium	159-2	1610692	1633154	1640136	1627994	0.95	cps
Thallium	203-1	150	275	267	231	30.31	cps
Thallium	205-1	408	575	542	508	17.35	cps
Tin	118-1	567	542	583	564	3.72	cps
Titanium	47-1	192	183	142	172	15.56	cps
Uranium	238-1	33	50	58	47	26.97	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	6806873	6781617	6774459	6787649	0.25	cps
Yttrium	89-2	200783	204162	203560	202835	0.89	cps
Zinc	66-2	20	13	27	20	33.35	cps
Zirconium	90-1	400	417	317	378	14.18	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:41:08	DataFile Name :	023CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	83	67	61	41.67	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	75	56	37.75	cps
Antimony	121-1	12156	12673	12890	12573	3.00	cps
Arsenic	75-2	83	93	48	75	31.39	cps
Barium	135-1	13374	13516	12782	13224	2.95	cps
Barium	137-1	23947	22762	24181	23630	3.22	cps
Beryllium	9-1	1050	1067	817	978	14.30	cps
Bismuth	209-1	5051355	5062913	5002788	5039019	0.63	cps
Bismuth	209-2	1334831	1340550	1076366	1250583	12.07	cps
Boron	10-1	2592	2525	2909	2675	7.66	cps
Boron	11-1	12081	11872	12456	12136	2.44	cps
Cadmium	111-1	1991	2176	2033	2067	4.68	cps
Cadmium	106-1	1208	1233	1175	1206	2.43	cps
Cadmium	108-1	96	96	75	89	13.54	cps
Calcium	43-1	7519	7152	7244	7305	2.61	cps
Calcium	44-1	124037	120751	121715	122168	1.38	cps
Chromium	52-2	1413	1400	1257	1357	6.40	cps
Cobalt	59-2	1213	1317	1137	1222	7.39	cps
Copper	63-2	2100	2057	1937	2031	4.17	cps
Dysprosium	156-1	8	8	33	17	86.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	42	8	50	33	66.15	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	7841604	7732885	7619026	7731172	1.44	cps
Holmium	165-2	1675896	1693824	1350734	1573484	12.27	cps
Indium	115-1	6584629	6504128	6473811	6520856	0.88	cps
Indium	115-2	272952	274295	220519	255922	11.98	cps
Iron	56-2	20566	20877	17745	19729	8.75	cps
Iron	57-2	522	511	461	498	6.53	cps
Lead	206-1	4395	4512	4445	4451	1.32	cps
Lead	207-1	3995	4156	3745	3966	5.23	cps
Lead	208-1	18133	17878	17038	17683	3.24	cps
Lithium	6-1	1319292	1296490	1288357	1301380	1.23	cps
Magnesium	24-2	10046	10337	9095	9826	6.61	cps
Manganese	55-2	217	263	170	217	21.54	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10805	11147	11489	11147	3.07	cps
Molybdenum	95-1	13491	12606	13098	13065	3.39	cps
Molybdenum	96-1	15301	14592	13941	14611	4.66	cps
Molybdenum	97-1	8053	8194	8395	8214	2.09	cps
Molybdenum	98-1	21534	21601	21435	21523	0.39	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	603	677	617	632	6.18	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7719	7427	6227	7124	11.10	cps
Rhodium	103-1	6072912	6068437	5973719	6038356	0.93	cps
Rhodium	103-2	1612130	1595402	1284469	1497334	12.32	cps
Scandium	45-1	3758163	3750110	3665275	3724516	1.38	cps
Scandium	45-2	28389	28790	23597	26925	10.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	13	19	17	22.31	cps
Selenium	82-1	383	408	441	411	7.14	cps
Silicon	28-1	399110	396526	390785	395473	1.08	cps
Silver	109-1	6268	6827	6594	6563	4.28	cps
Silver	107-1	6427	6719	6844	6663	3.21	cps
Sodium	23-2	29365	29648	26192	28402	6.76	cps
Strontium	86-1	2159	2259	2317	2245	3.57	cps
Strontium	88-1	15309	14867	15584	15254	2.37	cps
Sulfur	34-1	332367	334304	330363	332345	0.59	cps
Terbium	159-1	8239058	8045454	8008352	8097621	1.53	cps
Terbium	159-2	1639374	1619212	1282282	1513623	13.25	cps
Thallium	203-1	4834	5193	5060	5029	3.60	cps
Thallium	205-1	11998	12523	12115	12212	2.26	cps
Tin	118-1	22545	23246	22486	22759	1.86	cps
Titanium	47-1	3759	3651	3859	3756	2.77	cps
Uranium	238-1	14743	15577	14676	14999	3.35	cps
Vanadium	51-2	2090	2134	1900	2041	6.08	cps
Yttrium	89-1	6877936	6782473	6738913	6799774	1.05	cps
Yttrium	89-2	204209	203576	164621	190802	11.88	cps
Zinc	66-2	277	247	230	251	9.42	cps
Zirconium	90-1	10196	10087	9962	10082	1.16	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:44:16	DataFile Name :	024LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2475	2017	1967	2153	13.02	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:50:31 DataFile Name : 025SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	50	75	72	29.04	cps
Antimony	121-1	1892	1842	2050	1928	5.64	cps
Arsenic	75-2	28	17	22	22	25.00	cps
Barium	135-1	1925	1650	1984	1853	9.61	cps
Barium	137-1	2900	3009	3092	3000	3.20	cps
Beryllium	9-1	300	261	389	317	20.69	cps
Bismuth	209-1	4944560	5012567	4928165	4961764	0.90	cps
Bismuth	209-2	1318202	1315031	1323799	1319011	0.34	cps
Boron	10-1	417	433	442	431	2.96	cps
Boron	11-1	2000	2175	1767	1981	10.34	cps
Cadmium	111-1	1133	1075	1123	1110	2.80	cps
Cadmium	106-1	1142	1108	1125	1125	1.48	cps
Cadmium	108-1	42	38	21	33	33.08	cps
Calcium	43-1	1100	908	1075	1028	10.14	cps
Calcium	44-1	17003	16961	17253	17072	0.93	cps
Chromium	52-2	357	417	480	418	14.76	cps
Cobalt	59-2	360	390	330	360	8.33	cps
Copper	63-2	767	680	687	711	6.78	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	67	42	42	60.00	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	17	33	25	33.34	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	7596159	7582768	7574008	7584312	0.15	cps
Holmium	165-2	1694834	1650482	1673105	1672807	1.33	cps
Indium	115-1	6370323	6457832	6438413	6422189	0.72	cps
Indium	115-2	269264	268284	272385	269978	0.79	cps
Iron	56-2	5946	6257	5735	5979	4.40	cps
Iron	57-2	133	144	144	141	4.56	cps
Lead	206-1	1211	1267	1306	1261	3.76	cps
Lead	207-1	1311	1083	1156	1183	9.84	cps
Lead	208-1	5217	5078	5012	5102	2.06	cps
Lithium	6-1	1301364	1291160	1292291	1294938	0.43	cps
Magnesium	24-2	792	675	825	764	10.31	cps
Manganese	55-2	97	110	77	94	17.76	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3117	2842	2709	2889	7.21	cps
Molybdenum	95-1	3576	3492	3301	3456	4.08	cps
Molybdenum	96-1	3884	3701	4067	3884	4.72	cps
Molybdenum	97-1	2017	2059	2167	2081	3.72	cps
Molybdenum	98-1	5451	5735	5660	5615	2.62	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	360	393	427	393	8.47	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2100	2092	2350	2181	6.73	cps
Rhodium	103-1	5917612	5889352	6003453	5936806	1.00	cps
Rhodium	103-2	1574529	1552813	1575044	1567462	0.81	cps
Scandium	45-1	3676677	3720385	3738886	3711983	0.86	cps
Scandium	45-2	28208	28426	28185	28273	0.47	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	251	272	305	276	9.82	cps
Silicon	28-1	351872	351576	350255	351234	0.25	cps
Silver	109-1	1617	1950	1592	1720	11.64	cps
Silver	107-1	1792	1959	1650	1800	8.57	cps
Sodium	23-2	6660	6952	6769	6794	2.17	cps
Strontium	86-1	950	858	808	872	8.24	cps
Strontium	88-1	3751	3792	3842	3795	1.21	cps
Sulfur	34-1	335740	335689	333202	334877	0.43	cps
Terbium	159-1	7979321	8001380	7950118	7976939	0.32	cps
Terbium	159-2	1624292	1593224	1567218	1594911	1.79	cps
Thallium	203-1	1208	1350	1292	1283	5.55	cps
Thallium	205-1	3334	3251	3067	3217	4.24	cps
Tin	118-1	1959	1900	1967	1942	1.87	cps
Titanium	47-1	1125	967	1058	1050	7.57	cps
Uranium	238-1	3909	3984	3767	3887	2.83	cps
Vanadium	51-2	93	113	107	104	9.75	cps
Yttrium	89-1	6612716	6734244	6593723	6646894	1.15	cps
Yttrium	89-2	201929	201804	200850	201528	0.29	cps
Zinc	66-2	117	100	97	104	10.26	cps
Zirconium	90-1	2325	2684	2634	2548	7.62	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:50:31	DataFile Name :	025SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	508	575	594	16.37	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-02 Instrumnet Name : P8
 Client Sample ID : LOQ-SOIL-02-QT1-2018 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:53:39 DataFile Name : 026SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	150	242	192	24.21	cps
Antimony	121-1	25534	25492	24048	25024	3.38	cps
Arsenic	75-2	170	135	130	145	15.23	cps
Barium	135-1	26277	26561	27930	26923	3.28	cps
Barium	137-1	46868	44861	46240	45989	2.23	cps
Beryllium	9-1	1806	1945	2067	1939	6.74	cps
Bismuth	209-1	4936932	4933328	4871878	4914046	0.74	cps
Bismuth	209-2	1313447	1319944	1315813	1316401	0.25	cps
Boron	10-1	4509	4484	5043	4679	6.74	cps
Boron	11-1	21984	22627	23495	22702	3.34	cps
Cadmium	111-1	3410	3596	3605	3537	3.11	cps
Cadmium	106-1	1433	1450	1450	1445	0.67	cps
Cadmium	108-1	217	200	217	211	4.56	cps
Calcium	43-1	14058	14024	14450	14177	1.67	cps
Calcium	44-1	233498	235976	233589	234354	0.60	cps
Chromium	52-2	2597	2507	2784	2629	5.37	cps
Cobalt	59-2	2480	2547	2634	2554	3.01	cps
Copper	63-2	4387	4157	4427	4324	3.37	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	50	83	69	24.98	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7547065	7608179	7596365	7583870	0.43	cps
Holmium	165-2	1649968	1666683	1654226	1656959	0.52	cps
Indium	115-1	6294037	6353073	6345174	6330761	0.51	cps
Indium	115-2	272605	266751	273159	270838	1.31	cps
Iron	56-2	39896	40008	39278	39727	0.99	cps
Iron	57-2	911	995	967	957	4.43	cps
Lead	206-1	8197	8453	8347	8333	1.54	cps
Lead	207-1	7764	7375	7358	7499	3.06	cps
Lead	208-1	33763	33468	33557	33596	0.45	cps
Lithium	6-1	1271506	1286940	1278090	1278845	0.61	cps
Magnesium	24-2	20382	20165	21409	20652	3.22	cps
Manganese	55-2	340	380	343	354	6.26	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22419	22119	21918	22152	1.14	cps
Molybdenum	95-1	26117	26703	26660	26493	1.23	cps
Molybdenum	96-1	30268	28665	28865	29266	2.99	cps
Molybdenum	97-1	16344	16627	16452	16475	0.87	cps
Molybdenum	98-1	41273	40796	40980	41016	0.59	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1013	1037	1007	1019	1.55	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	13224	13349	12573	13048	3.19	cps
Rhodium	103-1	5895930	5925541	5911478	5910983	0.25	cps
Rhodium	103-2	1574591	1538034	1589240	1567288	1.68	cps
Scandium	45-1	3713449	3648512	3688428	3683463	0.89	cps
Scandium	45-2	28145	28897	28689	28577	1.36	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	26	28	17	23	25.37	cps
Selenium	82-1	872	838	858	856	2.00	cps
Silicon	28-1	437670	436433	435490	436531	0.25	cps
Silver	109-1	12740	13307	13065	13037	2.18	cps
Silver	107-1	13049	13691	13749	13496	2.88	cps
Sodium	23-2	52029	52004	51887	51973	0.15	cps
Strontium	86-1	3984	4042	3959	3995	1.07	cps
Strontium	88-1	30034	30686	29934	30218	1.35	cps
Sulfur	34-1	334325	332485	328290	331700	0.93	cps
Terbium	159-1	7903791	7857033	7955333	7905386	0.62	cps
Terbium	159-2	1587030	1584348	1615355	1595578	1.08	cps
Thallium	203-1	10021	10246	9846	10038	2.00	cps
Thallium	205-1	23481	23314	23264	23353	0.49	cps
Tin	118-1	44726	43664	44299	44229	1.21	cps
Titanium	47-1	7569	7361	7236	7388	2.28	cps
Uranium	238-1	29411	29310	29377	29366	0.17	cps
Vanadium	51-2	4064	4171	4147	4127	1.36	cps
Yttrium	89-1	6684208	6548364	6635221	6622598	1.04	cps
Yttrium	89-2	202690	201621	203588	202633	0.49	cps
Zinc	66-2	483	497	497	492	1.56	cps
Zirconium	90-1	19548	19173	19089	19270	1.27	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:53:39	DataFile Name :	026SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4268	3742	4468	4159	9.01	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	108	69	49.96	cps
Antimony	121-1	1750	1809	1817	1792	2.03	cps
Arsenic	75-2	26	22	13	20	32.79	cps
Barium	135-1	1675	1700	1609	1661	2.85	cps
Barium	137-1	2850	2909	3117	2959	4.74	cps
Beryllium	9-1	344	317	328	330	4.24	cps
Bismuth	209-1	4876762	4882889	4822625	4860759	0.68	cps
Bismuth	209-2	1313449	1234322	1300489	1282753	3.31	cps
Boron	10-1	525	533	533	531	0.91	cps
Boron	11-1	2434	2550	2550	2511	2.68	cps
Cadmium	111-1	1161	1071	1135	1122	4.11	cps
Cadmium	106-1	1192	1117	1167	1158	3.30	cps
Cadmium	108-1	46	33	46	42	17.32	cps
Calcium	43-1	942	967	1000	970	3.02	cps
Calcium	44-1	17328	16761	16894	16994	1.75	cps
Chromium	52-2	333	400	373	369	9.10	cps
Cobalt	59-2	413	303	313	343	17.72	cps
Copper	63-2	623	633	590	616	3.69	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	8	31	68.64	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	50	33	8	31	68.64	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	7463344	7393992	7430054	7429130	0.47	cps
Holmium	165-2	1651229	1550936	1610713	1604293	3.14	cps
Indium	115-1	6284217	6318833	6233175	6278741	0.69	cps
Indium	115-2	271258	253992	266396	263882	3.37	cps
Iron	56-2	6057	5712	6035	5935	3.25	cps
Iron	57-2	106	122	144	124	15.72	cps
Lead	206-1	1222	1239	1211	1224	1.14	cps
Lead	207-1	1061	1072	1083	1072	1.04	cps
Lead	208-1	4784	4739	4773	4765	0.49	cps
Lithium	6-1	1260787	1263940	1268626	1264451	0.31	cps
Magnesium	24-2	792	783	692	756	7.34	cps
Manganese	55-2	117	93	120	110	13.21	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2784	3017	3125	2975	5.87	cps
Molybdenum	95-1	3517	3259	3492	3423	4.16	cps
Molybdenum	96-1	3901	3826	3809	3845	1.27	cps
Molybdenum	97-1	2442	2150	2034	2209	9.53	cps
Molybdenum	98-1	5618	5551	5301	5490	3.04	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	403	333	352	12.71	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2034	2159	2267	2153	5.42	cps
Rhodium	103-1	5908890	5837184	5822791	5856288	0.79	cps
Rhodium	103-2	1530604	1441539	1526336	1499493	3.35	cps
Scandium	45-1	3640033	3666280	3636445	3647586	0.45	cps
Scandium	45-2	28486	26422	28219	27709	4.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	6	7	24.97	cps
Selenium	82-1	244	257	317	273	14.28	cps
Silicon	28-1	355119	353233	353104	353818	0.32	cps
Silver	109-1	1634	1667	1659	1653	1.05	cps
Silver	107-1	1759	1792	1717	1756	2.14	cps
Sodium	23-2	7002	6652	7060	6905	3.20	cps
Strontium	86-1	708	825	775	770	7.61	cps
Strontium	88-1	3842	3709	3701	3751	2.12	cps
Sulfur	34-1	335371	332144	333310	333608	0.49	cps
Terbium	159-1	7828670	7792796	7802495	7807987	0.24	cps
Terbium	159-2	1584530	1461138	1546243	1530637	4.13	cps
Thallium	203-1	1325	1267	1475	1356	7.93	cps
Thallium	205-1	3109	3059	3134	3101	1.23	cps
Tin	118-1	1784	2050	1942	1925	6.97	cps
Titanium	47-1	833	875	817	842	3.57	cps
Uranium	238-1	4101	3993	3992	4029	1.55	cps
Vanadium	51-2	90	170	133	131	30.54	cps
Yttrium	89-1	6464571	6601143	6653184	6572966	1.48	cps
Yttrium	89-2	200968	190375	198944	196762	2.86	cps
Zinc	66-2	103	90	80	91	12.85	cps
Zirconium	90-1	2550	2600	2475	2542	2.48	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2018	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:56:48	DataFile Name :	027SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	633	692	644	6.64	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:59:57 DataFile Name : 028SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	92	33	81	53.08	cps
Antimony	121-1	1642	1567	1467	1558	5.64	cps
Arsenic	75-2	22	13	24	20	30.14	cps
Barium	135-1	1709	1634	1750	1697	3.48	cps
Barium	137-1	2934	3084	2959	2992	2.69	cps
Beryllium	9-1	322	372	283	326	13.67	cps
Bismuth	209-1	4883052	4907295	4803720	4864689	1.11	cps
Bismuth	209-2	1296110	1307279	1213502	1272297	4.03	cps
Boron	10-1	517	383	550	483	18.25	cps
Boron	11-1	1950	1984	2359	2097	10.81	cps
Cadmium	111-1	1007	1153	1103	1088	6.85	cps
Cadmium	106-1	992	1242	1117	1117	11.19	cps
Cadmium	108-1	42	17	29	29	42.85	cps
Calcium	43-1	958	917	933	936	2.24	cps
Calcium	44-1	17211	17078	16143	16811	3.46	cps
Chromium	52-2	397	413	347	386	9.00	cps
Cobalt	59-2	333	360	307	333	8.00	cps
Copper	63-2	683	703	700	696	1.54	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	67	17	67	50	57.73	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7466507	7442933	7473452	7460964	0.21	cps
Holmium	165-2	1639243	1645024	1513422	1599230	4.65	cps
Indium	115-1	6266370	6259097	6197981	6241149	0.60	cps
Indium	115-2	267700	272625	252228	264184	4.03	cps
Iron	56-2	5796	5912	5712	5807	1.73	cps
Iron	57-2	133	139	111	128	11.50	cps
Lead	206-1	1278	1100	1295	1224	8.80	cps
Lead	207-1	1039	1122	1033	1065	4.68	cps
Lead	208-1	5067	4856	4862	4928	2.44	cps
Lithium	6-1	1274488	1267773	1258504	1266922	0.63	cps
Magnesium	24-2	608	725	708	681	9.27	cps
Manganese	55-2	107	97	143	116	21.26	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-07RE Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 16:59:57 DataFile Name : 028SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2867	2884	2542	2764	6.97	cps
Molybdenum	95-1	3259	3334	3492	3362	3.54	cps
Molybdenum	96-1	4084	3701	4051	3945	5.38	cps
Molybdenum	97-1	2242	1992	2092	2109	5.97	cps
Molybdenum	98-1	5410	5126	5451	5329	3.32	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	363	310	353	342	8.28	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2342	2067	2159	2189	6.40	cps
Rhodium	103-1	5902436	5848566	5812595	5854532	0.77	cps
Rhodium	103-2	1543574	1527567	1460227	1510456	2.93	cps
Scandium	45-1	3638201	3643808	3632661	3638223	0.15	cps
Scandium	45-2	28262	28088	26539	27630	3.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	7	7	7	15.72	cps
Selenium	82-1	294	286	314	298	4.90	cps
Silicon	28-1	353290	357575	358149	356338	0.75	cps
Silver	109-1	1625	1634	1675	1645	1.63	cps
Silver	107-1	1767	1817	1792	1792	1.40	cps
Sodium	23-2	6535	6835	6343	6571	3.77	cps
Strontium	86-1	725	767	967	820	15.77	cps
Strontium	88-1	4142	3801	4067	4004	4.49	cps
Sulfur	34-1	337450	336589	336704	336914	0.14	cps
Terbium	159-1	7884200	7917671	7732547	7844806	1.26	cps
Terbium	159-2	1554428	1567841	1449974	1524081	4.23	cps
Thallium	203-1	1333	1308	1417	1353	4.19	cps
Thallium	205-1	3067	3009	2800	2959	4.74	cps
Tin	118-1	1692	1892	1950	1845	7.35	cps
Titanium	47-1	858	1083	1083	1008	12.88	cps
Uranium	238-1	3792	3567	3942	3767	5.01	cps
Vanadium	51-2	113	130	103	116	11.65	cps
Yttrium	89-1	6644655	6545339	6597234	6595743	0.75	cps
Yttrium	89-2	198447	200437	188708	195864	3.20	cps
Zinc	66-2	80	70	70	73	7.87	cps
Zirconium	90-1	2450	2575	2859	2628	7.96	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-07RE	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 16:59:57	DataFile Name :	028SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	517	650	625	15.72	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	175	142	167	13.23	cps
Antimony	121-1	25943	26177	26085	26068	0.45	cps
Arsenic	75-2	135	131	146	138	5.60	cps
Barium	135-1	26661	27371	28047	27360	2.53	cps
Barium	137-1	48799	47880	48348	48342	0.95	cps
Beryllium	9-1	2039	1961	1989	1996	1.97	cps
Bismuth	209-1	4811603	4948862	4923119	4894528	1.49	cps
Bismuth	209-2	1307102	1323022	1306350	1312158	0.72	cps
Boron	10-1	4943	5251	4884	5026	3.92	cps
Boron	11-1	21550	22994	23303	22616	4.14	cps
Cadmium	111-1	3442	3370	3387	3400	1.12	cps
Cadmium	106-1	1567	1333	1375	1425	8.73	cps
Cadmium	108-1	221	246	246	238	6.08	cps
Calcium	43-1	14900	15000	14091	14664	3.40	cps
Calcium	44-1	243390	240198	240357	241315	0.75	cps
Chromium	52-2	2620	2790	2814	2741	3.85	cps
Cobalt	59-2	2424	2664	2577	2555	4.76	cps
Copper	63-2	4434	4501	4511	4482	0.93	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	0	20	0	7	173.21	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	7339823	7500145	7637753	7492574	1.99	cps
Holmium	165-2	1660627	1652670	1626328	1646542	1.09	cps
Indium	115-1	6191574	6355088	6343585	6296749	1.45	cps
Indium	115-2	269916	272760	269453	270710	0.66	cps
Iron	56-2	40248	40615	39584	40149	1.30	cps
Iron	57-2	1033	1072	1067	1057	1.99	cps
Lead	206-1	8514	8648	8203	8455	2.70	cps
Lead	207-1	8019	7580	7803	7801	2.82	cps
Lead	208-1	34146	34269	34603	34339	0.69	cps
Lithium	6-1	1254358	1273948	1265010	1264439	0.78	cps
Magnesium	24-2	20841	21042	21033	20972	0.54	cps
Manganese	55-2	387	303	450	380	19.36	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22645	23538	23054	23079	1.94	cps
Molybdenum	95-1	26660	27487	26577	26908	1.87	cps
Molybdenum	96-1	29984	29942	29216	29714	1.45	cps
Molybdenum	97-1	16769	16402	17796	16989	4.25	cps
Molybdenum	98-1	43245	42334	44040	43206	1.98	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1123	1090	1007	1073	5.60	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	14283	12957	13107	13449	5.40	cps
Rhodium	103-1	5729465	5905013	5883362	5839280	1.64	cps
Rhodium	103-2	1570528	1543434	1534382	1549448	1.21	cps
Scandium	45-1	3590163	3672561	3698995	3653906	1.55	cps
Scandium	45-2	28222	28489	28920	28544	1.23	cps
Selenium	77-2	0	13	7	7	99.98	cps
Selenium	78-2	20	31	9	20	54.54	cps
Selenium	82-1	815	921	883	873	6.14	cps
Silicon	28-1	453087	444629	446605	448107	0.99	cps
Silver	109-1	12765	13557	13382	13235	3.15	cps
Silver	107-1	14125	14191	13574	13963	2.43	cps
Sodium	23-2	53527	54505	53543	53858	1.04	cps
Strontium	86-1	4184	3826	4101	4037	4.65	cps
Strontium	88-1	30126	31195	31771	31031	2.69	cps
Sulfur	34-1	339939	340848	337295	339360	0.54	cps
Terbium	159-1	7766406	7801665	7869339	7812470	0.67	cps
Terbium	159-2	1595518	1618642	1548756	1587639	2.24	cps
Thallium	203-1	9871	10205	9771	9949	2.28	cps
Thallium	205-1	23848	24107	24541	24166	1.45	cps
Tin	118-1	45813	45010	44609	45144	1.36	cps
Titanium	47-1	7002	7394	7227	7208	2.73	cps
Uranium	238-1	29928	30096	30689	30238	1.32	cps
Vanadium	51-2	4551	4387	4157	4365	4.53	cps
Yttrium	89-1	6461847	6558799	6683381	6568009	1.69	cps
Yttrium	89-2	201333	202402	201205	201647	0.33	cps
Zinc	66-2	413	513	407	444	13.44	cps
Zirconium	90-1	20533	19540	20366	20146	2.64	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08RE	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:03:06	DataFile Name :	029SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4142	4609	4451	4401	5.39	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	50	64	27.15	cps
Antimony	121-1	1800	1650	1592	1681	6.40	cps
Arsenic	75-2	28	20	13	20	36.38	cps
Barium	135-1	1634	1967	1709	1770	9.88	cps
Barium	137-1	3209	2750	2950	2970	7.74	cps
Beryllium	9-1	367	394	289	350	15.63	cps
Bismuth	209-1	4855228	4876506	4961954	4897896	1.15	cps
Bismuth	209-2	1201668	1298820	1309874	1270120	4.69	cps
Boron	10-1	617	708	483	603	18.77	cps
Boron	11-1	2642	2775	2709	2709	2.46	cps
Cadmium	111-1	1184	1108	1233	1175	5.32	cps
Cadmium	106-1	1133	1083	1250	1156	7.40	cps
Cadmium	108-1	38	42	25	35	24.98	cps
Calcium	43-1	1117	900	1067	1028	11.04	cps
Calcium	44-1	16777	16911	16685	16791	0.67	cps
Chromium	52-2	290	390	430	370	19.49	cps
Cobalt	59-2	423	353	380	386	9.16	cps
Copper	63-2	693	663	537	631	13.18	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	0	17	3	7	132.33	cps
Holmium	165-1	7515557	7612016	7518633	7548735	0.73	cps
Holmium	165-2	1516282	1653393	1647444	1605706	4.83	cps
Indium	115-1	6394070	6255796	6335237	6328368	1.10	cps
Indium	115-2	248513	268106	271525	262715	4.73	cps
Iron	56-2	5518	5801	6174	5831	5.64	cps
Iron	57-2	156	167	194	172	11.63	cps
Lead	206-1	1339	1500	1356	1398	6.34	cps
Lead	207-1	1122	1122	983	1076	7.45	cps
Lead	208-1	5134	5051	5134	5106	0.94	cps
Lithium	6-1	1257206	1291975	1278145	1275775	1.37	cps
Magnesium	24-2	675	592	625	631	6.65	cps
Manganese	55-2	117	73	103	98	22.70	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3000	3025	2917	2981	1.90	cps
Molybdenum	95-1	3584	3251	3292	3376	5.38	cps
Molybdenum	96-1	3709	3626	4051	3795	5.94	cps
Molybdenum	97-1	2100	2275	2175	2184	4.02	cps
Molybdenum	98-1	5843	5726	5668	5746	1.55	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	367	390	363	373	3.89	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2092	2300	2217	2203	4.76	cps
Rhodium	103-1	5894714	5872454	5866743	5877970	0.25	cps
Rhodium	103-2	1452594	1528687	1556001	1512427	3.54	cps
Scandium	45-1	3722968	3684423	3662667	3690019	0.83	cps
Scandium	45-2	26616	27961	28750	27776	3.88	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	9	4	99.03	cps
Selenium	82-1	342	202	223	256	29.62	cps
Silicon	28-1	355577	360231	357032	357613	0.67	cps
Silver	109-1	1559	1817	1834	1736	8.88	cps
Silver	107-1	1550	1842	1700	1697	8.59	cps
Sodium	23-2	6902	7002	6668	6857	2.50	cps
Strontium	86-1	917	833	775	842	8.46	cps
Strontium	88-1	3809	4034	3917	3920	2.87	cps
Sulfur	34-1	340473	340882	339068	340141	0.28	cps
Terbium	159-1	7970183	8021983	7911086	7967751	0.70	cps
Terbium	159-2	1427129	1543028	1568679	1512945	4.98	cps
Thallium	203-1	1483	1342	1325	1383	6.29	cps
Thallium	205-1	3367	3434	3051	3284	6.24	cps
Tin	118-1	2117	2075	1934	2042	4.71	cps
Titanium	47-1	883	1150	958	997	13.79	cps
Uranium	238-1	3592	3934	3892	3806	4.90	cps
Vanadium	51-2	77	117	97	97	20.69	cps
Yttrium	89-1	6659174	6565529	6524683	6583129	1.05	cps
Yttrium	89-2	186916	199122	201333	195790	3.97	cps
Zinc	66-2	83	120	97	100	18.56	cps
Zirconium	90-1	2850	2884	2842	2859	0.77	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09RE	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:06:16	DataFile Name :	030SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	508	708	608	16.44	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:09:26 DataFile Name : 031SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	75	69	6.93	cps
Antimony	121-1	1659	1484	1684	1609	6.78	cps
Arsenic	75-2	22	30	17	23	28.47	cps
Barium	135-1	1634	1575	1558	1589	2.48	cps
Barium	137-1	2809	3034	2709	2850	5.84	cps
Beryllium	9-1	306	344	356	335	7.83	cps
Bismuth	209-1	4926665	4925014	4849589	4900423	0.90	cps
Bismuth	209-2	1136805	1308078	1309618	1251500	7.94	cps
Boron	10-1	358	342	542	414	26.81	cps
Boron	11-1	2059	2009	2142	2070	3.25	cps
Cadmium	111-1	1078	1074	1151	1101	3.91	cps
Cadmium	106-1	1167	1050	1150	1122	5.62	cps
Cadmium	108-1	25	46	54	42	36.06	cps
Calcium	43-1	917	967	825	903	7.96	cps
Calcium	44-1	16819	16627	16377	16608	1.34	cps
Chromium	52-2	413	420	400	411	2.48	cps
Cobalt	59-2	413	303	353	357	15.44	cps
Copper	63-2	810	630	720	720	12.50	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	7578671	7390873	7483560	7484368	1.25	cps
Holmium	165-2	1431217	1616536	1650421	1566058	7.53	cps
Indium	115-1	6342167	6356813	6339279	6346086	0.15	cps
Indium	115-2	232735	269089	269698	257174	8.23	cps
Iron	56-2	5929	5863	5690	5827	2.12	cps
Iron	57-2	128	200	167	165	21.93	cps
Lead	206-1	1256	1383	1422	1354	6.44	cps
Lead	207-1	928	1100	1028	1019	8.49	cps
Lead	208-1	4628	4823	5378	4943	7.88	cps
Lithium	6-1	1275432	1275742	1285729	1278968	0.46	cps
Magnesium	24-2	692	783	950	808	16.20	cps
Manganese	55-2	100	93	107	100	6.66	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2734	2742	2700	2725	0.81	cps
Molybdenum	95-1	3467	3334	3267	3356	3.03	cps
Molybdenum	96-1	3751	3576	3751	3692	2.74	cps
Molybdenum	97-1	2259	2142	2167	2189	2.81	cps
Molybdenum	98-1	5376	5210	5243	5276	1.67	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	410	377	400	396	4.32	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2217	2025	2134	2125	4.52	cps
Rhodium	103-1	5807924	5907694	5848597	5854738	0.86	cps
Rhodium	103-2	1353822	1551286	1573257	1492789	8.10	cps
Scandium	45-1	3723794	3670686	3627446	3673975	1.31	cps
Scandium	45-2	24739	28449	28609	27266	8.03	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	248	281	331	287	14.59	cps
Silicon	28-1	355112	357002	354404	355506	0.38	cps
Silver	109-1	1842	1625	1600	1689	7.87	cps
Silver	107-1	1692	1800	1659	1717	4.32	cps
Sodium	23-2	6819	6769	6677	6755	1.06	cps
Strontium	86-1	842	1000	925	922	8.59	cps
Strontium	88-1	3617	3876	3717	3737	3.49	cps
Sulfur	34-1	340462	338635	337442	338847	0.45	cps
Terbium	159-1	7978663	7796730	7825189	7866861	1.24	cps
Terbium	159-2	1402043	1566468	1560389	1509633	6.18	cps
Thallium	203-1	1117	1442	1217	1258	13.23	cps
Thallium	205-1	2900	2817	3126	2948	5.41	cps
Tin	118-1	1709	1867	1750	1775	4.62	cps
Titanium	47-1	1083	967	1100	1050	6.92	cps
Uranium	238-1	3542	3492	3617	3551	1.77	cps
Vanadium	51-2	107	103	173	128	30.90	cps
Yttrium	89-1	6724159	6531802	6527056	6594339	1.71	cps
Yttrium	89-2	177602	200254	200498	192785	6.82	cps
Zinc	66-2	83	117	90	97	18.25	cps
Zirconium	90-1	2600	2609	2684	2631	1.74	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:09:26	DataFile Name :	031SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	575	642	597	6.45	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : J1161-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:12:35 DataFile Name : 032SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	225	192	183	25.31	cps
Antimony	121-1	24916	25383	25626	25308	1.43	cps
Arsenic	75-2	150	143	156	149	4.35	cps
Barium	135-1	26820	26695	26452	26656	0.70	cps
Barium	137-1	47210	46189	45822	46407	1.55	cps
Beryllium	9-1	2239	1900	2011	2050	8.43	cps
Bismuth	209-1	4993115	4964814	4910318	4956082	0.85	cps
Bismuth	209-2	1305695	1306853	1321589	1311379	0.68	cps
Boron	10-1	4743	4709	4784	4745	0.79	cps
Boron	11-1	20866	21892	21500	21419	2.42	cps
Cadmium	111-1	3309	3340	3431	3360	1.89	cps
Cadmium	106-1	1475	1258	1408	1381	8.04	cps
Cadmium	108-1	225	196	204	208	7.21	cps
Calcium	43-1	14391	14400	14366	14386	0.12	cps
Calcium	44-1	231319	231191	229837	230782	0.36	cps
Chromium	52-2	2777	2607	2847	2744	4.50	cps
Cobalt	59-2	2470	2444	2530	2481	1.79	cps
Copper	63-2	4247	4688	4404	4446	5.02	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	100	50	72	35.25	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	42	50	33	42	19.99	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	7618569	7529936	7583529	7577345	0.59	cps
Holmium	165-2	1657973	1660571	1650262	1656269	0.32	cps
Indium	115-1	6382722	6341622	6356707	6360350	0.33	cps
Indium	115-2	269010	271572	271631	270738	0.55	cps
Iron	56-2	40141	38883	39222	39415	1.65	cps
Iron	57-2	1061	939	906	969	8.46	cps
Lead	206-1	7936	7908	7875	7906	0.39	cps
Lead	207-1	7463	7147	7319	7310	2.17	cps
Lead	208-1	32417	32484	33107	32669	1.16	cps
Lithium	6-1	1290634	1301265	1271527	1287809	1.17	cps
Magnesium	24-2	20065	20282	20599	20315	1.32	cps
Manganese	55-2	393	343	310	349	12.02	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21351	21810	21351	21504	1.23	cps
Molybdenum	95-1	26452	25542	25700	25898	1.88	cps
Molybdenum	96-1	28798	29391	28882	29024	1.11	cps
Molybdenum	97-1	16077	15601	16135	15938	1.84	cps
Molybdenum	98-1	41598	41590	40905	41364	0.96	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1057	1043	920	1007	7.49	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	13582	12831	13666	13360	3.44	cps
Rhodium	103-1	5875073	5887610	5886806	5883163	0.12	cps
Rhodium	103-2	1542866	1584621	1564276	1563921	1.34	cps
Scandium	45-1	3668359	3714480	3714983	3699274	0.72	cps
Scandium	45-2	28693	28843	28572	28703	0.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	17	17	22	19	17.30	cps
Selenium	82-1	937	948	811	899	8.52	cps
Silicon	28-1	439488	439455	441996	440313	0.33	cps
Silver	109-1	13073	12114	12481	12556	3.85	cps
Silver	107-1	13532	12898	13774	13402	3.38	cps
Sodium	23-2	51201	51762	52432	51798	1.19	cps
Strontium	86-1	3892	3767	3767	3809	1.90	cps
Strontium	88-1	29909	29483	29843	29745	0.77	cps
Sulfur	34-1	339747	342161	335999	339302	0.92	cps
Terbium	159-1	7939040	7881948	7881753	7900914	0.42	cps
Terbium	159-2	1611711	1576318	1565323	1584451	1.53	cps
Thallium	203-1	9437	10188	9821	9815	3.82	cps
Thallium	205-1	22888	22729	23322	22980	1.34	cps
Tin	118-1	43564	42686	42845	43031	1.09	cps
Titanium	47-1	7944	7302	6744	7330	8.20	cps
Uranium	238-1	30404	29403	29169	29659	2.21	cps
Vanadium	51-2	4244	4057	4207	4170	2.37	cps
Yttrium	89-1	6645355	6637905	6583297	6622186	0.51	cps
Yttrium	89-2	203022	203651	203394	203355	0.16	cps
Zinc	66-2	417	460	427	434	5.22	cps
Zirconium	90-1	19031	18655	18622	18769	1.21	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:12:35	DataFile Name :	032SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4343	4084	4001	4143	4.30	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	42	83	72	37.09	cps
Antimony	121-1	1634	1875	1817	1775	7.11	cps
Arsenic	75-2	13	19	28	20	37.90	cps
Barium	135-1	1609	1742	1884	1745	7.88	cps
Barium	137-1	2859	2692	3384	2978	12.12	cps
Beryllium	9-1	378	317	283	326	14.70	cps
Bismuth	209-1	4927502	4892098	4853007	4890869	0.76	cps
Bismuth	209-2	1309921	1300064	1326671	1312219	1.03	cps
Boron	10-1	617	450	617	561	17.15	cps
Boron	11-1	2442	2525	2567	2511	2.53	cps
Cadmium	111-1	1248	1119	1111	1159	6.62	cps
Cadmium	106-1	1283	1092	1183	1186	8.08	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	1050	1158	883	1031	13.44	cps
Calcium	44-1	16285	16410	16978	16558	2.23	cps
Chromium	52-2	350	363	350	354	2.17	cps
Cobalt	59-2	420	320	327	356	15.72	cps
Copper	63-2	647	687	660	664	3.07	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	0	42	50	31	87.67	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	7536631	7470692	7413131	7473485	0.83	cps
Holmium	165-2	1626525	1622648	1674380	1641184	1.76	cps
Indium	115-1	6300681	6340887	6212313	6284627	1.05	cps
Indium	115-2	270358	269063	273869	271097	0.92	cps
Iron	56-2	5529	5851	5573	5651	3.09	cps
Iron	57-2	117	139	117	124	10.34	cps
Lead	206-1	1133	1083	1211	1143	5.64	cps
Lead	207-1	1128	1106	1056	1096	3.37	cps
Lead	208-1	4962	4817	4923	4901	1.53	cps
Lithium	6-1	1266868	1263424	1281494	1270596	0.76	cps
Magnesium	24-2	692	742	733	722	3.71	cps
Manganese	55-2	93	73	100	89	15.62	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2892	2859	3059	2937	3.65	cps
Molybdenum	95-1	3359	3692	3467	3506	4.85	cps
Molybdenum	96-1	3734	3542	3909	3728	4.92	cps
Molybdenum	97-1	2284	1850	2050	2061	10.52	cps
Molybdenum	98-1	5260	5418	5318	5332	1.50	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	413	357	387	386	7.35	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2350	2292	2300	2314	1.36	cps
Rhodium	103-1	5863918	5887548	5826400	5859289	0.53	cps
Rhodium	103-2	1555780	1562304	1581106	1566397	0.84	cps
Scandium	45-1	3689221	3659446	3652918	3667195	0.53	cps
Scandium	45-2	29354	28205	29164	28908	2.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	11	4	6	69.34	cps
Selenium	82-1	267	286	279	277	3.43	cps
Silicon	28-1	355381	357772	356703	356619	0.34	cps
Silver	109-1	1642	1442	1483	1522	6.93	cps
Silver	107-1	1925	1742	1550	1739	10.78	cps
Sodium	23-2	6760	6452	6127	6446	4.92	cps
Strontium	86-1	708	850	783	781	9.08	cps
Strontium	88-1	3901	3851	4026	3926	2.30	cps
Sulfur	34-1	336295	336972	335383	336217	0.24	cps
Terbium	159-1	7906377	7842399	7699927	7816235	1.35	cps
Terbium	159-2	1552613	1544289	1600672	1565858	1.94	cps
Thallium	203-1	1258	1283	1483	1342	9.19	cps
Thallium	205-1	3134	3134	2951	3073	3.45	cps
Tin	118-1	1792	1809	1859	1820	1.91	cps
Titanium	47-1	967	983	1158	1036	10.25	cps
Uranium	238-1	3559	3592	3617	3590	0.82	cps
Vanadium	51-2	93	133	150	126	23.19	cps
Yttrium	89-1	6593188	6569886	6535361	6566145	0.44	cps
Yttrium	89-2	202410	200728	205221	202787	1.12	cps
Zinc	66-2	110	90	77	92	18.19	cps
Zirconium	90-1	2459	2792	2409	2553	8.16	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	J1161-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:15:43	DataFile Name :	033SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	633	817	681	17.59	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222365	224142	221648	222718	0.58	cps
Antimony	121-1	3408464	3415680	3413151	3412432	0.11	cps
Arsenic	75-2	35750	35945	36088	35927	0.47	cps
Barium	135-1	3654008	3655026	3679857	3662963	0.40	cps
Barium	137-1	6283502	6262552	6213854	6253302	0.57	cps
Beryllium	9-1	465131	462863	465111	464368	0.28	cps
Bismuth	209-1	4831404	4831950	4455253	4706203	4.62	cps
Bismuth	209-2	1286464	1283684	1295701	1288616	0.49	cps
Boron	10-1	52580	53885	53868	53445	1.40	cps
Boron	11-1	245016	248959	252001	248659	1.41	cps
Cadmium	111-1	690460	689773	693586	691273	0.29	cps
Cadmium	106-1	72144	73124	74095	73121	1.33	cps
Cadmium	108-1	49026	49094	49984	49368	1.08	cps
Calcium	43-1	3674048	3671613	3687875	3677845	0.24	cps
Calcium	44-1	59297462	59139674	59395566	59277567	0.22	cps
Chromium	52-2	296664	295290	296107	296020	0.23	cps
Cobalt	59-2	613639	621553	619729	618307	0.67	cps
Copper	63-2	1046383	1053885	1048201	1049490	0.37	cps
Dysprosium	156-1	50	100	58	69	38.58	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	33	42	83	53	50.76	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	58	50	83	64	27.15	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	7834898	7872623	7122832	7610117	5.55	cps
Holmium	165-2	1706986	1709179	1702753	1706306	0.19	cps
Indium	115-1	6249607	6224879	5643202	6039229	5.68	cps
Indium	115-2	263572	266170	265786	265176	0.53	cps
Iron	56-2	47728443	47865776	47636347	47743522	0.24	cps
Iron	57-2	1199796	1207383	1204543	1203907	0.32	cps
Lead	206-1	2118595	2098430	2114179	2110401	0.50	cps
Lead	207-1	1921159	1918011	1919334	1919501	0.08	cps
Lead	208-1	8571987	8562507	8526188	8553561	0.28	cps
Lithium	6-1	1253187	1270329	1153391	1225636	5.15	cps
Magnesium	24-2	5313842	5295057	5307447	5305449	0.18	cps
Manganese	55-2	167598	167631	168563	167931	0.33	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5862294	5785447	5846262	5831334	0.70	cps
Molybdenum	95-1	7266270	7173331	7224752	7221451	0.64	cps
Molybdenum	96-1	7985722	7933958	7924149	7947943	0.42	cps
Molybdenum	97-1	4495797	4457066	4529524	4494129	0.81	cps
Molybdenum	98-1	11490011	11511803	11552423	11518079	0.28	cps
Neodymium	150-1	180	173	147	167	10.58	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	178794	180090	178821	179235	0.41	cps
Phosphorus	31-2	2959	2892	3226	3025	5.83	cps
Potassium	39-2	1500162	1479761	1467345	1482422	1.12	cps
Rhodium	103-1	5656151	5604735	5166250	5475712	4.92	cps
Rhodium	103-2	1467627	1478745	1480499	1475624	0.47	cps
Scandium	45-1	3731532	3749343	3426271	3635715	4.99	cps
Scandium	45-2	28259	28566	28746	28524	0.86	cps
Selenium	77-2	270	240	253	254	5.91	cps
Selenium	78-2	867	876	819	854	3.61	cps
Selenium	82-1	44075	43968	43909	43984	0.19	cps
Silicon	28-1	1728913	1698947	1729170	1719010	1.01	cps
Silver	109-1	3309758	3261103	3285813	3285558	0.74	cps
Silver	107-1	3435039	3400708	3445054	3426933	0.68	cps
Sodium	23-2	12217227	12190218	12198716	12202054	0.11	cps
Strontium	86-1	942059	947711	947869	945880	0.35	cps
Strontium	88-1	8204257	8235403	8271576	8237079	0.41	cps
Sulfur	34-1	537429	536581	537503	537171	0.10	cps
Terbium	159-1	8184650	8237356	7501506	7974504	5.15	cps
Terbium	159-2	1637331	1637210	1637050	1637197	0.01	cps
Thallium	203-1	2561934	2562291	2569400	2564542	0.16	cps
Thallium	205-1	6061738	6030053	6041915	6044569	0.26	cps
Tin	118-1	2380921	2360379	2375354	2372218	0.45	cps
Titanium	47-1	1943642	1920495	1954056	1939398	0.89	cps
Uranium	238-1	8137066	8165077	8194426	8165523	0.35	cps
Vanadium	51-2	223584	224331	222152	223356	0.50	cps
Yttrium	89-1	6713549	6662909	6103303	6493254	5.22	cps
Yttrium	89-2	204788	204215	204203	204402	0.16	cps
Zinc	66-2	94026	94069	94848	94314	0.49	cps
Zirconium	90-1	4953154	4992870	5030474	4992166	0.77	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:23:16	DataFile Name :	035CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1094670	1081341	1088364	1088125	0.61	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:34:48	DataFile Name :	036LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	50	150	108	48.04	cps
Antimony	121-1	13532	13499	13824	13619	1.31	cps
Arsenic	75-2	85	80	72	79	8.24	cps
Barium	135-1	13941	13708	12832	13494	4.33	cps
Barium	137-1	23914	23347	23689	23650	1.21	cps
Beryllium	9-1	1139	1128	1139	1135	0.57	cps
Bismuth	209-1	5123223	5062680	5189730	5125211	1.24	cps
Bismuth	209-2	1290726	1356008	1355519	1334084	2.81	cps
Boron	10-1	2692	2884	2992	2856	5.32	cps
Boron	11-1	13215	13398	13549	13387	1.25	cps
Cadmium	111-1	2135	2199	2131	2155	1.78	cps
Cadmium	106-1	1258	1300	1208	1256	3.66	cps
Cadmium	108-1	96	75	117	96	21.74	cps
Calcium	43-1	7536	7769	7903	7736	2.40	cps
Calcium	44-1	123658	122935	123565	123386	0.32	cps
Chromium	52-2	1403	1437	1340	1393	3.52	cps
Cobalt	59-2	1267	1237	1277	1260	1.65	cps
Copper	63-2	2324	2217	2394	2311	3.85	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	42	17	42	33	43.30	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	7926063	7757720	7889730	7857838	1.13	cps
Holmium	165-2	1634850	1704544	1714886	1684760	2.58	cps
Indium	115-1	6563830	6488505	6503572	6518636	0.61	cps
Indium	115-2	264163	276122	277440	272575	2.68	cps
Iron	56-2	20666	20655	20883	20734	0.62	cps
Iron	57-2	439	450	461	450	2.47	cps
Lead	206-1	4534	4612	4423	4523	2.10	cps
Lead	207-1	3951	3984	4073	4003	1.58	cps
Lead	208-1	17911	17939	18367	18072	1.41	cps
Lithium	6-1	1327573	1316721	1340133	1328142	0.88	cps
Magnesium	24-2	10463	10212	10855	10510	3.08	cps
Manganese	55-2	207	170	203	193	10.49	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:34:48	DataFile Name :	036LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11163	11497	11580	11414	1.93	cps
Molybdenum	95-1	12873	14049	13265	13396	4.47	cps
Molybdenum	96-1	14909	14792	14608	14770	1.03	cps
Molybdenum	97-1	8078	8253	7911	8081	2.12	cps
Molybdenum	98-1	21351	22411	21985	21916	2.43	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	630	617	593	613	3.03	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	7894	8144	7694	7911	2.85	cps
Rhodium	103-1	6055952	5954512	6112245	6040903	1.32	cps
Rhodium	103-2	1537839	1617201	1618212	1591084	2.90	cps
Scandium	45-1	3752172	3768568	3774738	3765159	0.31	cps
Scandium	45-2	26826	28796	28837	28153	4.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	19	2	13	11	76.40	cps
Selenium	82-1	343	476	437	418	16.33	cps
Silicon	28-1	388411	388063	391899	389458	0.54	cps
Silver	109-1	6110	7136	6544	6596	7.80	cps
Silver	107-1	6810	7211	6760	6927	3.56	cps
Sodium	23-2	29457	29406	30099	29654	1.30	cps
Strontium	86-1	2217	2242	2150	2203	2.15	cps
Strontium	88-1	15309	16060	15167	15512	3.09	cps
Sulfur	34-1	333164	331437	331261	331954	0.32	cps
Terbium	159-1	8252184	8104184	8235459	8197276	0.99	cps
Terbium	159-2	1582637	1657540	1635914	1625364	2.37	cps
Thallium	203-1	4910	4759	5135	4935	3.83	cps
Thallium	205-1	12465	12824	12023	12437	3.23	cps
Tin	118-1	23755	23112	22887	23252	1.94	cps
Titanium	47-1	3701	3442	3467	3537	4.03	cps
Uranium	238-1	15210	15344	15410	15321	0.67	cps
Vanadium	51-2	2084	2244	2180	2169	3.72	cps
Yttrium	89-1	6806922	6744057	6729849	6760276	0.61	cps
Yttrium	89-2	195572	204703	205183	201820	2.68	cps
Zinc	66-2	293	270	297	287	5.07	cps
Zirconium	90-1	9987	10421	10079	10163	2.25	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:34:48	DataFile Name :	036LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2392	1942	2217	2184	10.39	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : CCB62 Instrumnet Name : P8
 Client Sample ID : CCB62 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:37:56 DataFile Name : 037SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	25	11	114.58	cps
Antimony	121-1	442	342	400	394	12.73	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	58	100	133	97	38.65	cps
Barium	137-1	192	158	125	158	21.05	cps
Beryllium	9-1	161	183	183	176	7.29	cps
Bismuth	209-1	5138896	5111119	5161674	5137230	0.49	cps
Bismuth	209-2	1349938	1346745	1285353	1327346	2.74	cps
Boron	10-1	700	433	475	536	26.76	cps
Boron	11-1	2825	2609	2525	2653	5.84	cps
Cadmium	111-1	899	835	918	884	4.93	cps
Cadmium	106-1	1267	1175	1317	1253	5.74	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	850	508	617	658	26.52	cps
Calcium	44-1	10963	11255	11247	11155	1.49	cps
Chromium	52-2	240	217	200	219	9.18	cps
Cobalt	59-2	40	40	47	42	9.12	cps
Copper	63-2	120	123	143	129	9.79	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	8	25	42	25	66.68	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	7860232	7837278	7822834	7840115	0.24	cps
Holmium	165-2	1703461	1680653	1607029	1663714	3.03	cps
Indium	115-1	6573905	6520740	6460966	6518537	0.87	cps
Indium	115-2	274369	276601	261149	270707	3.09	cps
Iron	56-2	1867	1828	1495	1730	11.83	cps
Iron	57-2	50	89	28	56	55.68	cps
Lead	206-1	428	367	406	400	7.73	cps
Lead	207-1	400	300	333	344	14.78	cps
Lead	208-1	1783	1622	1556	1654	7.08	cps
Lithium	6-1	1313532	1321072	1319350	1317985	0.30	cps
Magnesium	24-2	358	217	267	281	25.61	cps
Manganese	55-2	10	17	17	14	26.66	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	308	300	275	18.43	cps
Molybdenum	95-1	225	175	167	189	16.70	cps
Molybdenum	96-1	292	158	317	256	33.31	cps
Molybdenum	97-1	92	92	142	108	26.65	cps
Molybdenum	98-1	283	267	192	247	19.75	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	280	237	290	269	10.54	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2084	1942	2084	2036	4.02	cps
Rhodium	103-1	5994803	6071870	5981225	6015966	0.81	cps
Rhodium	103-2	1599611	1585988	1513496	1566365	2.96	cps
Scandium	45-1	3799315	3744136	3790282	3777911	0.78	cps
Scandium	45-2	28523	28429	27250	28067	2.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-24	-51	-62	-46	-42.73	cps
Silicon	28-1	346370	351418	347685	348491	0.75	cps
Silver	109-1	125	150	92	122	23.95	cps
Silver	107-1	133	125	133	131	3.68	cps
Sodium	23-2	6043	6052	6177	6090	1.23	cps
Strontium	86-1	408	408	425	414	2.33	cps
Strontium	88-1	167	142	242	183	28.39	cps
Sulfur	34-1	330016	330577	331581	330725	0.24	cps
Terbium	159-1	8190706	8171675	8217280	8193220	0.28	cps
Terbium	159-2	1658558	1625900	1574012	1619490	2.63	cps
Thallium	203-1	333	258	308	300	12.73	cps
Thallium	205-1	675	500	558	578	15.42	cps
Tin	118-1	825	600	642	689	17.38	cps
Titanium	47-1	133	158	133	142	10.19	cps
Uranium	238-1	100	92	133	108	20.35	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	6746226	6796953	6746119	6763100	0.43	cps
Yttrium	89-2	204037	203002	194720	200586	2.55	cps
Zinc	66-2	27	20	10	19	44.42	cps
Zirconium	90-1	517	375	542	478	18.81	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:37:56	DataFile Name :	037SMPL_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	142	103	33.76	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	117	122	7.87	cps
Antimony	121-1	13074	13482	13224	13260	1.56	cps
Arsenic	75-2	69	80	70	73	8.17	cps
Barium	135-1	13783	13291	13382	13485	1.94	cps
Barium	137-1	23396	23981	22837	23405	2.44	cps
Beryllium	9-1	1122	1072	1106	1100	2.31	cps
Bismuth	209-1	5103061	5141268	4746851	4997060	4.35	cps
Bismuth	209-2	1341838	1353960	1344429	1346742	0.47	cps
Boron	10-1	2450	2825	2875	2717	8.55	cps
Boron	11-1	12581	12523	12848	12650	1.37	cps
Cadmium	111-1	2061	2216	2160	2145	3.66	cps
Cadmium	106-1	1200	1225	1283	1236	3.46	cps
Cadmium	108-1	138	96	79	104	28.84	cps
Calcium	43-1	7202	7728	7027	7319	4.98	cps
Calcium	44-1	122959	123103	123741	123268	0.34	cps
Chromium	52-2	1350	1503	1530	1461	6.65	cps
Cobalt	59-2	1313	1253	1370	1312	4.45	cps
Copper	63-2	2460	2140	2327	2309	6.96	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	7823725	7832148	7269851	7641908	4.22	cps
Holmium	165-2	1690566	1685499	1667666	1681243	0.72	cps
Indium	115-1	6436972	6531754	6025036	6331254	4.25	cps
Indium	115-2	272663	275577	271440	273226	0.78	cps
Iron	56-2	20905	20215	20677	20599	1.71	cps
Iron	57-2	528	461	522	504	7.34	cps
Lead	206-1	4379	4418	4195	4330	2.74	cps
Lead	207-1	3890	3901	4206	3999	4.50	cps
Lead	208-1	17878	17900	17861	17880	0.11	cps
Lithium	6-1	1320367	1342854	1249941	1304387	3.72	cps
Magnesium	24-2	9679	10121	10888	10229	5.98	cps
Manganese	55-2	240	187	223	217	12.59	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11330	10963	11497	11263	2.43	cps
Molybdenum	95-1	13199	13282	13307	13263	0.43	cps
Molybdenum	96-1	14692	14617	15751	15020	4.22	cps
Molybdenum	97-1	8536	7919	8270	8242	3.75	cps
Molybdenum	98-1	20942	21192	21802	21312	2.07	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	710	693	660	688	3.70	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	8094	7769	7677	7847	2.79	cps
Rhodium	103-1	6044394	6026939	5622890	5898075	4.04	cps
Rhodium	103-2	1580260	1600136	1588010	1589469	0.63	cps
Scandium	45-1	3739636	3785918	3526275	3683943	3.76	cps
Scandium	45-2	27991	28486	29007	28495	1.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	482	370	413	422	13.33	cps
Silicon	28-1	386764	388740	393791	389765	0.93	cps
Silver	109-1	6610	6702	6627	6646	0.73	cps
Silver	107-1	6952	6468	6744	6721	3.61	cps
Sodium	23-2	29674	30266	29941	29960	0.99	cps
Strontium	86-1	2184	2300	2225	2236	2.64	cps
Strontium	88-1	15701	15451	15593	15582	0.81	cps
Sulfur	34-1	330354	331165	330182	330567	0.16	cps
Terbium	159-1	8218034	8173830	7581724	7991196	4.45	cps
Terbium	159-2	1652605	1644395	1645645	1647549	0.27	cps
Thallium	203-1	5460	4943	5160	5187	5.00	cps
Thallium	205-1	12448	12423	12373	12415	0.31	cps
Tin	118-1	22586	23271	23146	23001	1.58	cps
Titanium	47-1	3592	3817	3384	3598	6.03	cps
Uranium	238-1	15260	15260	16003	15508	2.76	cps
Vanadium	51-2	2170	2254	2084	2169	3.92	cps
Yttrium	89-1	6674842	6763313	6307156	6581770	3.68	cps
Yttrium	89-2	203310	204128	201624	203021	0.63	cps
Zinc	66-2	287	323	327	312	7.11	cps
Zirconium	90-1	9821	9929	10138	9962	1.62	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:41:04	DataFile Name :	038LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2409	1975	2142	2175	10.05	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	117	106	25.38	cps
Antimony	121-1	12823	12573	13182	12859	2.38	cps
Arsenic	75-2	69	54	67	63	12.83	cps
Barium	135-1	13558	13324	13182	13355	1.42	cps
Barium	137-1	23388	23772	23413	23525	0.91	cps
Beryllium	9-1	1050	1117	883	1017	11.82	cps
Bismuth	209-1	5133501	5083376	5077795	5098224	0.60	cps
Bismuth	209-2	1347377	1346130	1348860	1347456	0.10	cps
Boron	10-1	2975	2717	2975	2889	5.16	cps
Boron	11-1	11789	12773	12623	12395	4.28	cps
Cadmium	111-1	1868	2234	2172	2091	9.37	cps
Cadmium	106-1	1017	1342	1200	1186	13.74	cps
Cadmium	108-1	117	121	92	110	14.38	cps
Calcium	43-1	7361	7702	7502	7522	2.28	cps
Calcium	44-1	122978	120733	122144	121952	0.93	cps
Chromium	52-2	1457	1373	1373	1401	3.43	cps
Cobalt	59-2	1210	1173	1200	1195	1.59	cps
Copper	63-2	2267	2384	2270	2307	2.88	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	7844071	7851049	7845299	7846806	0.05	cps
Holmium	165-2	1693207	1687527	1694349	1691695	0.22	cps
Indium	115-1	6529292	6533656	6517343	6526764	0.13	cps
Indium	115-2	273946	273502	274123	273857	0.12	cps
Iron	56-2	19876	20226	20410	20171	1.34	cps
Iron	57-2	600	544	556	567	5.19	cps
Lead	206-1	4395	4090	4445	4310	4.47	cps
Lead	207-1	3929	3929	3806	3888	1.82	cps
Lead	208-1	17633	17155	17366	17385	1.38	cps
Lithium	6-1	1322438	1318786	1321522	1320915	0.14	cps
Magnesium	24-2	10463	10087	10479	10343	2.14	cps
Manganese	55-2	153	157	260	190	31.92	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11105	10705	10913	10908	1.84	cps
Molybdenum	95-1	13757	12465	13115	13112	4.93	cps
Molybdenum	96-1	14817	14708	14600	14708	0.74	cps
Molybdenum	97-1	8670	7936	7953	8186	5.12	cps
Molybdenum	98-1	20975	20583	20725	20761	0.96	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	667	590	658	9.70	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	8303	7536	7327	7722	6.65	cps
Rhodium	103-1	6029362	5988246	6039806	6019138	0.45	cps
Rhodium	103-2	1583449	1586658	1600714	1590274	0.58	cps
Scandium	45-1	3726743	3734830	3776297	3745957	0.71	cps
Scandium	45-2	29107	28863	28249	28740	1.54	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	11	7	7	9	24.71	cps
Selenium	82-1	409	483	413	435	9.61	cps
Silicon	28-1	388846	389448	392581	390292	0.51	cps
Silver	109-1	6377	6427	6652	6485	2.26	cps
Silver	107-1	6877	6477	6885	6746	3.46	cps
Sodium	23-2	29816	29506	29273	29532	0.92	cps
Strontium	86-1	1825	1859	2217	1967	11.04	cps
Strontium	88-1	15551	15468	15026	15348	1.84	cps
Sulfur	34-1	338851	334481	337689	337007	0.67	cps
Terbium	159-1	8061855	8218842	8240158	8173618	1.19	cps
Terbium	159-2	1640314	1640541	1640946	1640600	0.02	cps
Thallium	203-1	5301	4785	4951	5012	5.26	cps
Thallium	205-1	11739	12448	11397	11862	4.52	cps
Tin	118-1	21510	22269	21593	21791	1.91	cps
Titanium	47-1	3234	3717	3759	3570	8.18	cps
Uranium	238-1	14868	14626	15427	14974	2.74	cps
Vanadium	51-2	1964	1914	1944	1940	1.30	cps
Yttrium	89-1	6783513	6841671	6750009	6791731	0.68	cps
Yttrium	89-2	204252	203769	203316	203779	0.23	cps
Zinc	66-2	243	197	220	220	10.61	cps
Zirconium	90-1	10062	8520	10046	9543	9.28	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CRIRE2	Instrumnet Name :	P8
Client Sample ID :	CRIRE2	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:44:52	DataFile Name :	039LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2217	2259	2134	2203	2.89	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	142	142	183	156	15.47	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	58	83	67	69	18.33	cps
Beryllium	9-1	139	144	189	157	17.41	cps
Bismuth	209-1	5041425	4672286	5030089	4914600	4.27	cps
Bismuth	209-2	1338348	1330640	1327993	1332327	0.40	cps
Boron	10-1	425	467	492	461	7.30	cps
Boron	11-1	2050	2284	1984	2106	7.48	cps
Cadmium	111-1	669	791	800	753	9.74	cps
Cadmium	106-1	950	1125	1142	1072	9.90	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	667	667	658	664	0.72	cps
Calcium	44-1	11013	11172	11363	11183	1.57	cps
Chromium	52-2	263	190	173	209	22.92	cps
Cobalt	59-2	53	47	57	52	9.75	cps
Copper	63-2	137	107	140	128	14.37	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	33	17	39	65.47	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	7741080	7254157	7679064	7558100	3.51	cps
Holmium	165-2	1693715	1684814	1674367	1684299	0.57	cps
Indium	115-1	6458730	6047609	6437205	6314514	3.66	cps
Indium	115-2	271687	270010	272559	271419	0.48	cps
Iron	56-2	1111	1106	1250	1156	7.08	cps
Iron	57-2	33	17	17	22	43.28	cps
Lead	206-1	439	311	328	359	19.34	cps
Lead	207-1	278	211	289	259	16.23	cps
Lead	208-1	1322	1133	1306	1254	8.34	cps
Lithium	6-1	1313834	1242622	1302252	1286236	2.97	cps
Magnesium	24-2	400	308	325	344	14.18	cps
Manganese	55-2	10	23	20	18	39.03	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	83	233	181	46.69	cps
Molybdenum	95-1	92	75	50	72	29.04	cps
Molybdenum	96-1	100	117	58	92	32.77	cps
Molybdenum	97-1	67	42	58	56	22.91	cps
Molybdenum	98-1	42	125	50	72	63.55	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	233	273	247	9.36	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2217	1917	1917	2017	8.59	cps
Rhodium	103-1	5979256	5602714	5859144	5813705	3.31	cps
Rhodium	103-2	1562358	1567964	1564616	1564979	0.18	cps
Scandium	45-1	3703444	3510680	3711284	3641803	3.12	cps
Scandium	45-2	28626	28860	28876	28787	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-22	-1	1	-7	-171.10	cps
Silicon	28-1	354178	350064	356314	353518	0.90	cps
Silver	109-1	92	75	125	97	26.19	cps
Silver	107-1	83	100	133	106	24.12	cps
Sodium	23-2	5593	5668	5952	5738	3.30	cps
Strontium	86-1	358	400	500	419	17.36	cps
Strontium	88-1	75	125	125	108	26.65	cps
Sulfur	34-1	337836	336947	337231	337338	0.13	cps
Terbium	159-1	8130737	7534427	8008740	7891301	3.99	cps
Terbium	159-2	1626822	1635197	1620419	1627480	0.46	cps
Thallium	203-1	150	158	167	158	5.26	cps
Thallium	205-1	383	292	300	325	15.60	cps
Tin	118-1	1067	1033	1217	1106	8.83	cps
Titanium	47-1	192	58	142	131	51.59	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	6706158	6280791	6583823	6523590	3.36	cps
Yttrium	89-2	202845	200968	201255	201689	0.50	cps
Zinc	66-2	70	63	53	62	13.48	cps
Zirconium	90-1	408	442	500	450	10.31	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BL	Instrumnet Name :	P8
Client Sample ID :	PB106085BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:48:00	DataFile Name :	040CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	117	75	78	48.31	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43008	42924	42732	42888	0.33	cps
Antimony	121-1	3451059	3403407	3418854	3424440	0.71	cps
Arsenic	75-2	35392	35618	35364	35458	0.39	cps
Barium	135-1	3642696	3673225	3622609	3646176	0.70	cps
Barium	137-1	6255067	6228624	6170068	6217920	0.70	cps
Beryllium	9-1	460674	458295	458168	459046	0.31	cps
Bismuth	209-1	5010997	4981406	5035507	5009304	0.54	cps
Bismuth	209-2	1307121	1313590	1324548	1315086	0.67	cps
Boron	10-1	48642	49955	51209	49935	2.57	cps
Boron	11-1	229813	232648	236791	233084	1.51	cps
Cadmium	111-1	711525	711660	710977	711387	0.05	cps
Cadmium	106-1	75587	74372	75126	75029	0.82	cps
Cadmium	108-1	50704	50453	50168	50441	0.53	cps
Calcium	43-1	729745	733996	736391	733378	0.46	cps
Calcium	44-1	11932047	11948394	11809785	11896742	0.64	cps
Chromium	52-2	285143	286653	284697	285498	0.36	cps
Cobalt	59-2	618527	624231	618260	620339	0.54	cps
Copper	63-2	1064460	1073120	1072913	1070164	0.46	cps
Dysprosium	156-1	42	83	17	47	71.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	75	25	44	60.28	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	67	25	36	74.18	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	7884404	7754557	7832115	7823692	0.84	cps
Holmium	165-2	1671888	1689236	1700585	1687236	0.86	cps
Indium	115-1	6422833	6345511	6355101	6374482	0.66	cps
Indium	115-2	261613	263922	266309	263948	0.89	cps
Iron	56-2	9672050	9675266	9585581	9644299	0.53	cps
Iron	57-2	242858	242440	241219	242172	0.35	cps
Lead	206-1	2146890	2142151	2146650	2145230	0.12	cps
Lead	207-1	1960096	1949561	1984540	1964732	0.91	cps
Lead	208-1	8682446	8665653	8715040	8687713	0.29	cps
Lithium	6-1	1301921	1301221	1299669	1300937	0.09	cps
Magnesium	24-2	1022882	1033204	1030794	1028960	0.52	cps
Manganese	55-2	163757	165638	163602	164332	0.69	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5759237	5782743	5801102	5781027	0.36	cps
Molybdenum	95-1	7107549	7095731	7109375	7104218	0.10	cps
Molybdenum	96-1	7923551	7862862	7887968	7891460	0.39	cps
Molybdenum	97-1	4447586	4431750	4449290	4442875	0.22	cps
Molybdenum	98-1	11407531	11384116	11473043	11421563	0.40	cps
Neodymium	150-1	147	160	200	169	16.44	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	177693	182239	180642	180191	1.28	cps
Phosphorus	31-2	3150	3109	2859	3039	5.19	cps
Potassium	39-2	285216	290000	288124	287780	0.84	cps
Rhodium	103-1	5842339	5811564	5808646	5820849	0.32	cps
Rhodium	103-2	1499701	1504396	1507482	1503860	0.26	cps
Scandium	45-1	3677197	3729410	3710705	3705770	0.71	cps
Scandium	45-2	28178	28052	27794	28008	0.70	cps
Selenium	77-2	250	267	253	257	3.43	cps
Selenium	78-2	819	876	861	852	3.50	cps
Selenium	82-1	43944	44675	44425	44348	0.84	cps
Silicon	28-1	1717368	1723882	1705474	1715575	0.54	cps
Silver	109-1	3399053	3353226	3381222	3377834	0.68	cps
Silver	107-1	3536550	3569009	3523418	3542992	0.66	cps
Sodium	23-2	2469258	2440482	2459461	2456401	0.60	cps
Strontium	86-1	917980	918638	908654	915091	0.61	cps
Strontium	88-1	7854879	7994891	7956393	7935388	0.91	cps
Sulfur	34-1	547289	536976	535657	539974	1.18	cps
Terbium	159-1	8205362	8124864	8110973	8147066	0.63	cps
Terbium	159-2	1602917	1618079	1612889	1611295	0.48	cps
Thallium	203-1	2638653	2622186	2643928	2634922	0.43	cps
Thallium	205-1	6103044	6128358	6165042	6132148	0.51	cps
Tin	118-1	2404175	2376084	2383199	2387819	0.61	cps
Titanium	47-1	1914099	1894679	1896850	1901876	0.56	cps
Uranium	238-1	8069987	8109680	8151624	8110430	0.50	cps
Vanadium	51-2	216546	216567	217497	216870	0.25	cps
Yttrium	89-1	6651842	6736909	6702092	6696948	0.64	cps
Yttrium	89-2	200424	203073	201082	201526	0.68	cps
Zinc	66-2	94664	94999	95593	95085	0.49	cps
Zirconium	90-1	4875727	4923015	4901575	4900106	0.48	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106085BS	Instrumnet Name :	P8
Client Sample ID :	PB106085BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:51:09	DataFile Name :	041LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1065738	1072937	1067439	1068704	0.35	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : PB106084BL Instrumnet Name : P8
 Client Sample ID : PB106084BL Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 17:54:10 DataFile Name : 042CCBE_P8020818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	2159	2325	2559	2348	8.56	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	58	25	58	47	40.76	cps
Barium	137-1	83	58	100	81	26.03	cps
Beryllium	9-1	344	361	361	356	2.71	cps
Bismuth	209-1	5048692	4732643	5074040	4951792	3.84	cps
Bismuth	209-2	1306482	1324966	1326089	1319179	0.83	cps
Boron	10-1	2017	2225	1558	1934	17.64	cps
Boron	11-1	9312	8828	7602	8581	10.27	cps
Cadmium	111-1	835	875	808	839	4.02	cps
Cadmium	106-1	1150	1208	1142	1167	3.11	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	683	733	683	700	4.12	cps
Calcium	44-1	11597	11789	11305	11564	2.11	cps
Chromium	52-2	257	233	227	239	6.60	cps
Cobalt	59-2	53	43	57	51	13.58	cps
Copper	63-2	130	120	167	139	17.69	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	33	17	99.99	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	67	33	100	67	49.99	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	7678412	7181685	7720854	7526984	3.98	cps
Holmium	165-2	1631148	1653775	1666245	1650389	1.08	cps
Indium	115-1	6402513	6026585	6404222	6277773	3.47	cps
Indium	115-2	267064	268701	269154	268306	0.41	cps
Iron	56-2	1539	1328	1439	1435	7.36	cps
Iron	57-2	22	17	28	22	25.00	cps
Lead	206-1	506	494	556	519	6.28	cps
Lead	207-1	417	411	450	426	4.94	cps
Lead	208-1	1933	1828	2022	1928	5.05	cps
Lithium	6-1	1261764	1218622	1297110	1259165	3.12	cps
Magnesium	24-2	275	325	242	281	14.95	cps
Manganese	55-2	17	13	20	17	20.01	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	575	533	561	4.29	cps
Molybdenum	95-1	617	667	558	614	8.83	cps
Molybdenum	96-1	692	625	692	669	5.75	cps
Molybdenum	97-1	400	375	467	414	11.45	cps
Molybdenum	98-1	1167	942	967	1025	12.03	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	183	220	202	9.08	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1759	2142	2025	1975	9.95	cps
Rhodium	103-1	5890559	5584115	5953955	5809543	3.40	cps
Rhodium	103-2	1544251	1545301	1561368	1550307	0.62	cps
Scandium	45-1	3667899	3477393	3643544	3596279	2.88	cps
Scandium	45-2	27647	27010	27343	27333	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	29	17	-39	2	1563.87	cps
Silicon	28-1	353520	353218	353208	353316	0.05	cps
Silver	109-1	133	125	175	144	18.54	cps
Silver	107-1	108	217	192	172	32.94	cps
Sodium	23-2	5601	6035	6010	5882	4.14	cps
Strontium	86-1	342	475	400	406	16.48	cps
Strontium	88-1	242	117	83	147	56.70	cps
Sulfur	34-1	311811	313452	313707	312990	0.33	cps
Terbium	159-1	8034322	7569504	8066435	7890087	3.52	cps
Terbium	159-2	1558284	1560187	1587755	1568742	1.05	cps
Thallium	203-1	750	742	633	708	9.19	cps
Thallium	205-1	1925	1625	1775	1775	8.45	cps
Tin	118-1	1275	1258	1217	1250	2.40	cps
Titanium	47-1	133	158	117	136	15.41	cps
Uranium	238-1	67	117	100	94	26.96	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	6600142	6250263	6620147	6490184	3.21	cps
Yttrium	89-2	197878	198641	199128	198549	0.32	cps
Zinc	66-2	97	57	77	77	26.09	cps
Zirconium	90-1	492	483	433	469	6.72	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BL	Instrumnet Name :	P8
Client Sample ID :	PB106084BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:54:10	DataFile Name :	042CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	108	83	92	15.74	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42849	42632	43267	42916	0.75	cps
Antimony	121-1	3430576	3376724	3417933	3408411	0.83	cps
Arsenic	75-2	35449	36041	34994	35495	1.48	cps
Barium	135-1	3613080	3583750	3629113	3608648	0.64	cps
Barium	137-1	6151713	6205145	6226210	6194356	0.62	cps
Beryllium	9-1	453369	447748	451377	450831	0.63	cps
Bismuth	209-1	5100178	4981976	5053332	5045162	1.18	cps
Bismuth	209-2	1292764	1232944	1305450	1277053	3.03	cps
Boron	10-1	49403	49812	50256	49824	0.86	cps
Boron	11-1	228932	230626	235686	231748	1.52	cps
Cadmium	111-1	702569	702331	704439	703113	0.16	cps
Cadmium	106-1	73786	74992	73534	74104	1.05	cps
Cadmium	108-1	51117	49231	51507	50618	2.40	cps
Calcium	43-1	723375	719974	726068	723139	0.42	cps
Calcium	44-1	11713802	11777134	11765800	11752245	0.29	cps
Chromium	52-2	278859	281048	283047	280985	0.75	cps
Cobalt	59-2	606669	610146	611217	609344	0.39	cps
Copper	63-2	1045504	1050450	1058778	1051578	0.64	cps
Dysprosium	156-1	58	8	17	28	96.44	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	100	75	58	78	26.96	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	7853559	7773621	7926933	7851371	0.98	cps
Holmium	165-2	1647888	1549197	1640487	1612524	3.41	cps
Indium	115-1	6300835	6316237	6368225	6328432	0.56	cps
Indium	115-2	258621	246940	265116	256892	3.59	cps
Iron	56-2	9476336	9453549	9509634	9479840	0.30	cps
Iron	57-2	239553	241071	240675	240433	0.33	cps
Lead	206-1	2150841	2137141	2175006	2154330	0.89	cps
Lead	207-1	1950902	1929219	1950694	1943605	0.64	cps
Lead	208-1	8655863	8634986	8777402	8689417	0.89	cps
Lithium	6-1	1289407	1283962	1273105	1282158	0.65	cps
Magnesium	24-2	1002103	1028797	1009859	1013586	1.35	cps
Manganese	55-2	161055	162172	162145	161791	0.39	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5721860	5697191	5729848	5716300	0.30	cps
Molybdenum	95-1	7116981	6972217	7150834	7080011	1.34	cps
Molybdenum	96-1	7850540	7702102	7792845	7781829	0.96	cps
Molybdenum	97-1	4421605	4370818	4432436	4408286	0.75	cps
Molybdenum	98-1	11243043	11192649	11336793	11257495	0.65	cps
Neodymium	150-1	147	133	207	162	24.08	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	176732	177765	178041	177513	0.39	cps
Phosphorus	31-2	2675	3042	2817	2845	6.50	cps
Potassium	39-2	281442	284605	285226	283758	0.72	cps
Rhodium	103-1	5773953	5722660	5796181	5764265	0.65	cps
Rhodium	103-2	1476330	1403021	1474132	1451161	2.87	cps
Scandium	45-1	3670319	3696516	3660076	3675637	0.51	cps
Scandium	45-2	27744	25704	27577	27008	4.19	cps
Selenium	77-2	210	287	210	236	18.79	cps
Selenium	78-2	859	794	817	823	4.00	cps
Selenium	82-1	43461	43825	43779	43688	0.45	cps
Silicon	28-1	1666795	1692006	1668388	1675730	0.84	cps
Silver	109-1	3373000	3402907	3398616	3391508	0.48	cps
Silver	107-1	3503496	3504536	3503085	3503706	0.02	cps
Sodium	23-2	2417600	2420754	2393077	2410477	0.63	cps
Strontium	86-1	903293	898060	905864	902406	0.44	cps
Strontium	88-1	7867199	7782037	7785942	7811726	0.62	cps
Sulfur	34-1	523819	520588	518960	521122	0.47	cps
Terbium	159-1	8189251	8256408	8146879	8197513	0.67	cps
Terbium	159-2	1584911	1492519	1612708	1563379	4.02	cps
Thallium	203-1	2638137	2599766	2648481	2628795	0.98	cps
Thallium	205-1	6098503	6079148	6186249	6121300	0.93	cps
Tin	118-1	2343405	2368659	2400632	2370899	1.21	cps
Titanium	47-1	1879728	1895199	1879250	1884726	0.48	cps
Uranium	238-1	8216128	8097775	8245376	8186426	0.95	cps
Vanadium	51-2	212540	215505	214070	214038	0.69	cps
Yttrium	89-1	6671234	6635289	6616013	6640845	0.42	cps
Yttrium	89-2	195403	186276	196386	192689	2.89	cps
Zinc	66-2	93881	94519	93875	94092	0.39	cps
Zirconium	90-1	4860315	4812035	4803972	4825441	0.63	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106084BS	Instrumnet Name :	P8
Client Sample ID :	PB106084BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 17:57:20	DataFile Name :	043LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1059368	1057465	1064773	1060535	0.36	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	2475	2450	2584	2503	2.83	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	92	67	42	67	37.50	cps
Barium	137-1	92	67	108	89	23.59	cps
Beryllium	9-1	422	433	283	380	22.02	cps
Bismuth	209-1	4997242	5005498	5043914	5015551	0.50	cps
Bismuth	209-2	1307584	1308874	1316887	1311115	0.38	cps
Boron	10-1	2450	2059	1859	2122	14.18	cps
Boron	11-1	10254	9370	8019	9214	12.21	cps
Cadmium	111-1	854	847	855	852	0.54	cps
Cadmium	106-1	1167	1158	1167	1164	0.41	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	625	583	692	633	8.63	cps
Calcium	44-1	11822	11288	10963	11358	3.82	cps
Chromium	52-2	267	313	223	268	16.81	cps
Cobalt	59-2	63	47	53	54	15.40	cps
Copper	63-2	227	210	167	201	15.40	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	17	42	39	53.93	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	7620928	7613505	7717593	7650675	0.76	cps
Holmium	165-2	1622577	1650874	1627375	1633609	0.93	cps
Indium	115-1	6346365	6383164	6379579	6369702	0.32	cps
Indium	115-2	262821	263607	263386	263272	0.15	cps
Iron	56-2	1567	1339	1217	1374	12.93	cps
Iron	57-2	39	39	33	37	8.67	cps
Lead	206-1	478	572	561	537	9.61	cps
Lead	207-1	478	622	617	572	14.30	cps
Lead	208-1	2384	2461	2400	2415	1.70	cps
Lithium	6-1	1252338	1249346	1271777	1257820	0.97	cps
Magnesium	24-2	333	283	300	306	8.33	cps
Manganese	55-2	27	23	20	23	14.29	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	633	525	561	11.15	cps
Molybdenum	95-1	783	642	667	697	10.84	cps
Molybdenum	96-1	1025	717	775	839	19.53	cps
Molybdenum	97-1	492	417	442	450	8.49	cps
Molybdenum	98-1	1242	1350	933	1175	18.40	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	190	183	210	19.31	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2075	2017	1775	1956	8.13	cps
Rhodium	103-1	5872826	5856175	5880352	5869784	0.21	cps
Rhodium	103-2	1509985	1539456	1538293	1529244	1.09	cps
Scandium	45-1	3586558	3612362	3638516	3612479	0.72	cps
Scandium	45-2	26853	27377	27350	27193	1.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	46	-76	-58	-29	-226.51	cps
Silicon	28-1	349123	350420	348484	349342	0.28	cps
Silver	109-1	133	233	125	164	36.78	cps
Silver	107-1	217	192	242	217	11.54	cps
Sodium	23-2	6052	5743	5976	5924	2.72	cps
Strontium	86-1	442	408	408	419	4.59	cps
Strontium	88-1	200	233	142	192	24.21	cps
Sulfur	34-1	304405	301562	304746	303571	0.58	cps
Terbium	159-1	7961303	8003535	7991229	7985356	0.27	cps
Terbium	159-2	1545029	1549330	1546621	1546993	0.14	cps
Thallium	203-1	750	983	767	833	15.62	cps
Thallium	205-1	2025	1750	1767	1847	8.35	cps
Tin	118-1	1383	1192	1208	1261	8.42	cps
Titanium	47-1	175	108	183	156	26.43	cps
Uranium	238-1	217	117	150	161	31.61	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	6573844	6587888	6680765	6614166	0.88	cps
Yttrium	89-2	195978	196637	195116	195910	0.39	cps
Zinc	66-2	40	53	67	53	25.00	cps
Zirconium	90-1	433	492	417	447	8.81	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BL	Instrumnet Name :	P8
Client Sample ID :	PB106083BL	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:00:21	DataFile Name :	044CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	92	133	111	18.88	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42632	42080	41796	42169	1.01	cps
Antimony	121-1	3419182	3371265	3394731	3395059	0.71	cps
Arsenic	75-2	35406	34835	34914	35052	0.88	cps
Barium	135-1	3625347	3594446	3629941	3616578	0.53	cps
Barium	137-1	6186874	6136446	6179135	6167485	0.44	cps
Beryllium	9-1	445353	446268	448481	446700	0.36	cps
Bismuth	209-1	4993789	5011032	4682727	4895849	3.77	cps
Bismuth	209-2	1297642	1294895	1305877	1299471	0.44	cps
Boron	10-1	48826	50356	50958	50047	2.20	cps
Boron	11-1	226002	230143	238060	231402	2.65	cps
Cadmium	111-1	702529	695483	704297	700770	0.67	cps
Cadmium	106-1	73257	72236	73970	73154	1.19	cps
Cadmium	108-1	49926	50428	49875	50076	0.61	cps
Calcium	43-1	715029	715199	718980	716403	0.31	cps
Calcium	44-1	11589485	11721797	11694618	11668633	0.60	cps
Chromium	52-2	280861	277399	280521	279594	0.68	cps
Cobalt	59-2	609279	606384	611171	608945	0.40	cps
Copper	63-2	1053931	1048669	1055925	1052842	0.36	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	7760448	7827594	7221812	7603285	4.37	cps
Holmium	165-2	1643602	1669089	1680408	1664366	1.13	cps
Indium	115-1	6256299	6246922	5862335	6121852	3.67	cps
Indium	115-2	259287	260823	262121	260744	0.54	cps
Iron	56-2	9487942	9482158	9434521	9468207	0.31	cps
Iron	57-2	238062	238563	241281	239302	0.72	cps
Lead	206-1	2135927	2131658	2118695	2128760	0.42	cps
Lead	207-1	1958271	1936195	1952433	1948966	0.59	cps
Lead	208-1	8661396	8637638	8611427	8636820	0.29	cps
Lithium	6-1	1263210	1259945	1189844	1237666	3.35	cps
Magnesium	24-2	1010140	1005671	1007741	1007851	0.22	cps
Manganese	55-2	162415	160674	160590	161226	0.64	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5689989	5692800	5679686	5687492	0.12	cps
Molybdenum	95-1	7021048	6993497	7080842	7031796	0.64	cps
Molybdenum	96-1	7801545	7694139	7776154	7757279	0.72	cps
Molybdenum	97-1	4352417	4392559	4384499	4376492	0.49	cps
Molybdenum	98-1	11245247	11148741	11312265	11235418	0.73	cps
Neodymium	150-1	173	133	140	149	14.39	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	175793	176276	176540	176203	0.21	cps
Phosphorus	31-2	2800	2525	2634	2653	5.22	cps
Potassium	39-2	286153	282259	284078	284164	0.69	cps
Rhodium	103-1	5761632	5682194	5381915	5608580	3.57	cps
Rhodium	103-2	1485249	1482334	1474394	1480659	0.38	cps
Scandium	45-1	3613947	3579016	3397791	3530252	3.29	cps
Scandium	45-2	27347	26996	27313	27219	0.71	cps
Selenium	77-2	267	217	250	244	10.42	cps
Selenium	78-2	819	830	794	814	2.21	cps
Selenium	82-1	43453	43830	44283	43855	0.95	cps
Silicon	28-1	1676364	1680599	1666116	1674360	0.44	cps
Silver	109-1	3363883	3334718	3371919	3356840	0.58	cps
Silver	107-1	3513674	3526915	3472153	3504247	0.82	cps
Sodium	23-2	2414549	2384282	2402377	2400403	0.63	cps
Strontium	86-1	905230	905639	906071	905647	0.05	cps
Strontium	88-1	7840156	7847478	7837504	7841712	0.07	cps
Sulfur	34-1	510805	512431	513096	512111	0.23	cps
Terbium	159-1	8110628	8024333	7604828	7913263	3.42	cps
Terbium	159-2	1614917	1590948	1575361	1593742	1.25	cps
Thallium	203-1	2591555	2653137	2600924	2615206	1.27	cps
Thallium	205-1	6055001	6132807	6045118	6077642	0.79	cps
Tin	118-1	2339728	2360128	2337640	2345832	0.53	cps
Titanium	47-1	1876171	1867839	1865647	1869885	0.30	cps
Uranium	238-1	8045365	8125530	8120392	8097096	0.55	cps
Vanadium	51-2	213572	212864	213984	213473	0.27	cps
Yttrium	89-1	6605598	6624153	6128735	6452829	4.35	cps
Yttrium	89-2	199586	199470	198125	199060	0.41	cps
Zinc	66-2	93657	93187	93902	93582	0.39	cps
Zirconium	90-1	4850362	4759858	4779195	4796472	0.99	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	PB106083BS	Instrumnet Name :	P8
Client Sample ID :	PB106083BS	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:03:30	DataFile Name :	045LCS6_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1059682	1053285	1059956	1057641	0.36	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : CCV63 Instrumnet Name : P8
 Client Sample ID : CCV63 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 18:13:30 DataFile Name : 047CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216426	218525	214792	216581	0.86	cps
Antimony	121-1	3262757	3291344	3329770	3294624	1.02	cps
Arsenic	75-2	35184	35793	35156	35377	1.02	cps
Barium	135-1	3526088	3562538	3567950	3552192	0.64	cps
Barium	137-1	6014673	6067431	6010424	6030843	0.53	cps
Beryllium	9-1	442390	443048	446817	444085	0.54	cps
Bismuth	209-1	4837845	4809987	4812521	4820118	0.32	cps
Bismuth	209-2	1294987	1206376	1285624	1262329	3.86	cps
Boron	10-1	51075	51460	51510	51348	0.46	cps
Boron	11-1	229710	232910	240874	234498	2.45	cps
Cadmium	111-1	662291	666113	664831	664412	0.29	cps
Cadmium	106-1	71272	70794	69622	70563	1.20	cps
Cadmium	108-1	47442	48186	48215	47948	0.91	cps
Calcium	43-1	3564847	3596884	3559725	3573819	0.56	cps
Calcium	44-1	56967655	56964705	57322010	57084790	0.36	cps
Chromium	52-2	287607	291247	288554	289136	0.65	cps
Cobalt	59-2	606618	609482	606155	607418	0.30	cps
Copper	63-2	1212511	1211727	1198200	1207479	0.67	cps
Dysprosium	156-1	83	83	42	69	34.64	cps
Dysprosium	156-2	10	23	3	12	83.33	cps
Erbium	164-1	58	42	17	39	53.93	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	7778588	7816986	7781283	7792286	0.28	cps
Holmium	165-2	1714280	1620013	1706684	1680326	3.12	cps
Indium	115-1	6268879	6182996	6228391	6226755	0.69	cps
Indium	115-2	265076	248280	265811	259722	3.82	cps
Iron	56-2	46959577	47285105	46492407	46912363	0.85	cps
Iron	57-2	1181517	1192294	1178314	1184042	0.62	cps
Lead	206-1	2017567	2041169	2015749	2024828	0.70	cps
Lead	207-1	1873906	1862104	1852681	1862897	0.57	cps
Lead	208-1	8245114	8266929	8203167	8238403	0.39	cps
Lithium	6-1	1237812	1237807	1254565	1243395	0.78	cps
Magnesium	24-2	5156202	5176520	5136678	5156467	0.39	cps
Manganese	55-2	163851	164526	164277	164218	0.21	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5621585	5587620	5575523	5594910	0.43	cps
Molybdenum	95-1	6980060	6927538	6934762	6947453	0.41	cps
Molybdenum	96-1	7743360	7628326	7623878	7665188	0.88	cps
Molybdenum	97-1	4324233	4271037	4320834	4305368	0.69	cps
Molybdenum	98-1	11081035	11170622	11089430	11113696	0.45	cps
Neodymium	150-1	153	167	193	171	11.90	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	175686	176746	177083	176505	0.41	cps
Phosphorus	31-2	2975	2892	3134	3000	4.09	cps
Potassium	39-2	1448147	1450546	1430784	1443159	0.75	cps
Rhodium	103-1	5663955	5629808	5610251	5634671	0.48	cps
Rhodium	103-2	1478960	1415429	1480121	1458170	2.54	cps
Scandium	45-1	3690312	3684474	3713542	3696110	0.42	cps
Scandium	45-2	28442	26599	28649	27897	4.05	cps
Selenium	77-2	197	223	213	211	6.38	cps
Selenium	78-2	806	800	839	815	2.58	cps
Selenium	82-1	42208	42031	42352	42197	0.38	cps
Silicon	28-1	1667335	1666795	1676351	1670160	0.32	cps
Silver	109-1	3174418	3179320	3188110	3180616	0.22	cps
Silver	107-1	3324347	3297410	3332575	3318110	0.55	cps
Sodium	23-2	12060381	12010593	11952180	12007718	0.45	cps
Strontium	86-1	912921	908410	911210	910847	0.25	cps
Strontium	88-1	7915343	7851452	7898066	7888287	0.42	cps
Sulfur	34-1	522334	526344	526161	524947	0.43	cps
Terbium	159-1	8062103	8197721	8072222	8110682	0.93	cps
Terbium	159-2	1656541	1537126	1636893	1610187	3.98	cps
Thallium	203-1	2509114	2515020	2514504	2512879	0.13	cps
Thallium	205-1	5813118	5906252	5889769	5869713	0.85	cps
Tin	118-1	2269642	2310864	2303156	2294554	0.96	cps
Titanium	47-1	1851804	1833979	1866679	1850821	0.88	cps
Uranium	238-1	7875729	7859588	7858909	7864742	0.12	cps
Vanadium	51-2	219397	220385	218486	219423	0.43	cps
Yttrium	89-1	6692581	6632838	6631166	6652195	0.53	cps
Yttrium	89-2	203925	190713	203836	199492	3.81	cps
Zinc	66-2	107173	108981	107566	107907	0.88	cps
Zirconium	90-1	4788839	4767786	4816259	4790961	0.51	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:13:30	DataFile Name :	047CCV_P8020818-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1051311	1033606	1045333	1043416	0.86	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : LLCCV3 Instrumnet Name : P8
 Client Sample ID : LLCCV3 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 18:34:27 DataFile Name : 048LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	83	103	20.41	cps
Antimony	121-1	13733	14358	13833	13974	2.41	cps
Arsenic	75-2	74	69	57	67	12.72	cps
Barium	135-1	13482	13407	13658	13516	0.95	cps
Barium	137-1	23380	24023	22837	23413	2.53	cps
Beryllium	9-1	1061	1100	1078	1080	1.81	cps
Bismuth	209-1	5100840	4966988	4829485	4965771	2.73	cps
Bismuth	209-2	1339005	1347680	1334542	1340409	0.50	cps
Boron	10-1	2875	2909	2867	2884	0.76	cps
Boron	11-1	13740	13924	14066	13910	1.17	cps
Cadmium	111-1	2274	2163	2092	2176	4.21	cps
Cadmium	106-1	1400	1192	1133	1242	11.29	cps
Cadmium	108-1	117	108	92	106	12.06	cps
Calcium	43-1	7702	8044	7878	7875	2.17	cps
Calcium	44-1	122236	123886	125398	123840	1.28	cps
Chromium	52-2	1337	1393	1293	1341	3.74	cps
Cobalt	59-2	1273	1240	1207	1240	2.69	cps
Copper	63-2	2164	2280	2207	2217	2.66	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	67	58	44	70.99	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	7794695	7698791	7449400	7647629	2.33	cps
Holmium	165-2	1700737	1708736	1654350	1687941	1.74	cps
Indium	115-1	6462199	6430484	6175640	6356108	2.47	cps
Indium	115-2	275401	273127	271302	273277	0.75	cps
Iron	56-2	20237	20638	19926	20267	1.76	cps
Iron	57-2	650	594	433	559	20.12	cps
Lead	206-1	4229	4540	4506	4425	3.86	cps
Lead	207-1	4140	3617	4279	4012	8.69	cps
Lead	208-1	17917	17344	18489	17917	3.20	cps
Lithium	6-1	1314717	1303636	1273213	1297189	1.66	cps
Magnesium	24-2	11005	10755	9795	10518	6.07	cps
Manganese	55-2	200	213	213	209	3.68	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:34:27	DataFile Name :	048LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10880	10738	11439	11019	3.36	cps
Molybdenum	95-1	13082	12998	13366	13149	1.46	cps
Molybdenum	96-1	14417	15368	14625	14803	3.38	cps
Molybdenum	97-1	8178	8703	8570	8484	3.22	cps
Molybdenum	98-1	20808	21501	21643	21318	2.09	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	610	573	600	594	3.19	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	8144	7994	8211	8117	1.37	cps
Rhodium	103-1	6081232	5911602	5736342	5909725	2.92	cps
Rhodium	103-2	1610161	1603821	1576546	1596843	1.12	cps
Scandium	45-1	3746633	3734429	3582604	3687889	2.48	cps
Scandium	45-2	28573	28536	28776	28628	0.45	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	20	11	7	13	51.50	cps
Selenium	82-1	365	373	443	394	10.91	cps
Silicon	28-1	383855	385730	386591	385392	0.36	cps
Silver	109-1	7086	6910	6602	6866	3.57	cps
Silver	107-1	7119	7269	6510	6966	5.77	cps
Sodium	23-2	29607	28964	30125	29565	1.97	cps
Strontium	86-1	2359	2075	2317	2250	6.80	cps
Strontium	88-1	15168	15218	15718	15368	1.98	cps
Sulfur	34-1	333467	332154	331213	332278	0.34	cps
Terbium	159-1	8105219	8046694	7826666	7992859	1.84	cps
Terbium	159-2	1656306	1660789	1596181	1637759	2.20	cps
Thallium	203-1	5043	5068	5410	5174	3.96	cps
Thallium	205-1	12198	12507	11773	12159	3.03	cps
Tin	118-1	21819	23037	22294	22383	2.74	cps
Titanium	47-1	3526	3267	3351	3381	3.90	cps
Uranium	238-1	16028	15177	15076	15427	3.39	cps
Vanadium	51-2	2187	2197	2114	2166	2.10	cps
Yttrium	89-1	6752742	6722895	6428577	6634738	2.70	cps
Yttrium	89-2	203972	202984	204128	203695	0.30	cps
Zinc	66-2	220	233	240	231	4.41	cps
Zirconium	90-1	9537	9729	10146	9804	3.18	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	LLCCV3	Instrumnet Name :	P8
Client Sample ID :	LLCCV3	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:34:27	DataFile Name :	048LCSE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2317	2117	2225	2220	4.51	cps

LB Number : LB93211 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P8
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2018-02-08 18:37:35 DataFile Name : 049CCBE_P8020818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	458	408	375	414	10.14	cps
Arsenic	75-2	0	4	9	4	107.89	cps
Barium	135-1	75	8	25	36	96.08	cps
Barium	137-1	108	83	75	89	19.52	cps
Beryllium	9-1	222	256	289	256	13.04	cps
Bismuth	209-1	5006637	5077121	5067168	5050309	0.76	cps
Bismuth	209-2	1343828	1342175	1340779	1342261	0.11	cps
Boron	10-1	692	650	633	658	4.56	cps
Boron	11-1	3284	3050	3151	3162	3.70	cps
Cadmium	111-1	748	714	780	748	4.40	cps
Cadmium	106-1	1042	1008	1108	1053	4.84	cps
Cadmium	108-1	8	0	42	17	132.30	cps
Calcium	43-1	567	442	575	528	14.15	cps
Calcium	44-1	10638	10855	10738	10743	1.01	cps
Chromium	52-2	203	303	203	237	24.39	cps
Cobalt	59-2	57	50	67	58	14.52	cps
Copper	63-2	110	127	153	130	16.82	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	0	42	58	33	90.14	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	7719549	7746373	7762404	7742776	0.28	cps
Holmium	165-2	1709293	1704593	1679759	1697882	0.93	cps
Indium	115-1	6484769	6419541	6464243	6456185	0.52	cps
Indium	115-2	273706	274078	271898	273227	0.43	cps
Iron	56-2	1406	1372	1395	1391	1.22	cps
Iron	57-2	33	17	72	41	69.97	cps
Lead	206-1	400	378	356	378	5.88	cps
Lead	207-1	411	322	433	389	15.12	cps
Lead	208-1	1756	1611	1683	1683	4.29	cps
Lithium	6-1	1298195	1297675	1317162	1304344	0.85	cps
Magnesium	24-2	267	225	292	261	12.90	cps
Manganese	55-2	23	13	20	19	26.96	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	175	108	158	27.85	cps
Molybdenum	95-1	92	75	67	78	16.37	cps
Molybdenum	96-1	133	125	125	128	3.76	cps
Molybdenum	97-1	83	42	92	72	37.09	cps
Molybdenum	98-1	217	133	117	156	34.44	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	190	207	211	11.20	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1925	2517	2050	2164	14.41	cps
Rhodium	103-1	6078696	6006247	6067107	6050683	0.64	cps
Rhodium	103-2	1594870	1588236	1592380	1591828	0.21	cps
Scandium	45-1	3739278	3751337	3743616	3744744	0.16	cps
Scandium	45-2	28843	28800	28706	28783	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-3	15	-42	-10	-297.81	cps
Silicon	28-1	344870	345845	345154	345289	0.15	cps
Silver	109-1	133	92	133	119	20.14	cps
Silver	107-1	125	117	133	125	6.67	cps
Sodium	23-2	5893	5893	6418	6068	5.00	cps
Strontium	86-1	375	517	367	419	20.10	cps
Strontium	88-1	142	192	117	150	25.46	cps
Sulfur	34-1	335821	331496	334373	333897	0.66	cps
Terbium	159-1	7986272	8132989	8096921	8072061	0.95	cps
Terbium	159-2	1625003	1614185	1603937	1614375	0.65	cps
Thallium	203-1	300	242	300	281	12.00	cps
Thallium	205-1	642	508	567	572	11.68	cps
Tin	118-1	733	800	842	792	6.90	cps
Titanium	47-1	117	75	142	111	30.31	cps
Uranium	238-1	58	58	33	50	28.88	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	6766776	6832480	6754016	6784424	0.62	cps
Yttrium	89-2	203793	202710	202813	203105	0.29	cps
Zinc	66-2	23	27	30	27	12.51	cps
Zirconium	90-1	467	450	375	431	11.34	cps

LB Number :	LB93211	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-02-08 18:37:35	DataFile Name :	049CCBE_P8020818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	67	108	92	24.05	cps